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NOTICE OF IMPENDING DEVELOPMENT

NO. NCC-NOID-0001-17

(CARDIFF COASTAL RAIL TRAIL)

MAY 11, 2017

CORRESPONDENCE

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Dr. Lisa R. Shaffer
569 Kristen Court
Encinitas, CA

April 8, 2017

Gabriel Buhr
Coastal Program Manager, California Coastal Commission
San Diego District Office
7575 Metropolitan Drive, Suite 103
San Diego, CA 92108

Dear Mr. Buhr:

I am writing to express my opposition to SANDAG's request to interpret the Public Works Plan (PWP) for the North Coast Corridor Project to allow the Cardiff segment of the Coastal Rail Trail to go on Coast Highway 101 instead of the original plan that has the trail in the NCTD right-of-way on the east side of the tracks.

The PWP only allows the trail to be outside of the rail corridor if there are legal, physical, or environmental constraints that make it impossible or infeasible to be in the rail right-of-way. I understand that SANDAG is asserting that community opposition is an environmental constraint. This is wrong, both conceptually and practically.

There is at least as much public support for the east-side alignment as there is opposition. The "norailtrail" group, however, was so aggressive that they intimidated local residents who feared expressing their support for the original plan. I served on the Encinitas City Council when this was being debated and heard quietly from supporters who said they were afraid to speak up publicly.

At one of the early public meetings, the norailtrail people shouted down anyone who disagreed with them. They put up yard signs with the names of the Council members who supported the east side, with red slash marks through their names. They painted illegal graffiti on Highway 101, and disseminated information that was blatantly untrue just to get people riled up. People who clicked on a website that generated a form letter to the City Council and media outlets with false information, without the signatories realizing that their click was generating those messages. I know this because I responded to every one of them for the first several hundred, and got puzzled replies from people wondering how I got their name and email. At least 10-15% of the emails I got were from people who did not live in Encinitas.

The then-mayor's husband was running to replace her as Encinitas mayor and was directly involved in supporting the norailtrail group as a campaign platform, further politicizing the debate, and drawing discussion farther away from the actual facts and merits of each position. He was soundly defeated, suggesting that this issue was not a compelling one for Encinitas voters. Using pictures of 6-foot high chain link fencing when it was already agreed that NCTD would accept 4-foot post and cable fencing, is just an example of the scare tactics used. So for the Coastal Commission to empower and validate this group by stretching the interpretation of the PWP would be a gross miscarriage of justice.

The original decision of the City Council to support the east side alignment was consistent with SANDAG's planning and the preferences of then Encinitas city staff, who recognized the need for

improved infrastructure for bikes and pedestrians along San Elijo Avenue to provide safer access to the Cardiff commercial district. The Council recognized the impact of a fence along the rail corridor and is working diligently to design and secure approval for a safe and legal pedestrian rail crossing and quiet zone as an alternate to the extensive illegal and dangerous rail crossings that happen currently. Parking analysis shows that there will be little impact on parking availability in the corridor, though some spaces will be shifted farther south than the current (illegal) parking practice.

The reality is that the only constraints on the original plan that is already consistent with the PWP, are political. A group of local residents who have enjoyed parking illegally in the right-of-way across from their homes, and illegally crossing the railroad tracks to go surfing, organized the opposition to avoid their own personal inconvenience, without regard for the larger public benefits of the project. If the Coastal Commission supports the staff recommendation and protects the integrity of the PWP, SANDAG and the City of Encinitas can resume the work previously begun, incorporating public input into the design elements of the trail, and get on with this project. In parallel, work on a new pedestrian rail crossing in the area can proceed.

The subsequent rail trail segments through Encinitas are expected to be built in the right-of-way on the east side of the tracks through downtown Encinitas and Leucadia. The segment just south of Cardiff, by necessity, does have to go on Highway 101, and the improved intersection at Chesterfield is a much better crossover point for large numbers of cyclists than using the Santa Fe crossing, which was designed mostly for pedestrians and for smaller volumes of traffic than we anticipate on the Coastal Rail Trail.

One final point: although the preliminary engineering analysis says there is enough width on Coast Highway 101 for substantially expanded bike/ped capacity, the bluff is unstable and likely to be further degraded by both the construction and the increased usage if the CRT were built on the west side of Highway 101. There is no need to risk a major bluff failure on Highway 101 when there is more than enough space in the NCTD right-of-way that is already very disturbed and can be stabilized and enhanced with much lower environmental impact.

So in sum, the original plan was great. It provides substantial new capacity in an area where cycling and walking are dangerous and where the informal dirt path is inaccessible to people with mobility limits. I implore the Commission to use common sense, support your staff and reject the proposed distortion of the PWP.

Sincerely,

Lisa Shaffer

CoastalNCCPWP

From: Mike Verdu <michaelverdu@gmail.com>
Sent: Friday, April 07, 2017 2:05 AM
To: Buhr, Gabriel@Coastal
Subject: Support for east-side CRT alignment through Cardiff; opposition to SANDAG request for west-side alignment
Attachments: CRT EAST SIDE SUPPORTIVE COMMENTS.pdf

Gabe,

I founded the "Yes Rail Trail" advocacy group in Encinitas supporting the east-side alignment of the Coastal Rail Trail through Cardiff (our group is also known as the "Friends of the Cardiff Rail Trail"). I am writing to correct a major misunderstanding about the community sentiment in Encinitas surrounding the rail trail. I am also going on the record as opposed to SANDAG's proposed west-side alignment for the CRT which will come before the Coastal Commission in May.

SANDAG has made a case to the Coastal Commission to interpret the Public Works Plan for the North Coast Corridor Project to allow the CRT to be built on Route 101 instead of along the east side of the tracks in the rail corridor. SANDAG has cited unified community opposition to the east-side alignment as one justification for the exception to the PWP. However, this assertion about unified opposition is not at all accurate and cannot be left unaddressed as the SANDAG request is heard by the Coastal Commission.

I want to remind you that there was - and still is - significant support for the east-side alignment of the CRT through Cardiff. During 2015 and 2016 our group collected the names of over 1,700 supporters for the east-side alignment. We've received hundreds of notes, letters, and social media/forum posts expressing support. Our Cardiff Rail Trail Facebook page has over 875 "Likes" (with each "Like" associating our pro-trail page with that person's social media profile). I would also refer you to the video of the March 30, 2016 Encinitas City Council meeting about the rail trail alignment where there were many passionate speakers on both sides of the issue.

SANDAG cannot continue to assert that there is unified or overwhelming opposition to the east-side alignment because that is simply not true. Many of us in Cardiff – and in Encinitas overall - want the trail on the east side. Attached are just a few of the expressions of support from Cardiff and Encinitas residents. Each of these comments comes from someone who is also listed in our database of 1,700+ supporters. If you would like to independently verify the identities of these supporters, we are happy to provide you with the list.

On the merits, we oppose the SANDAG request to move the alignment to the west side. The 101 alignment is counter to the letter and the spirit of the PWP. There is no material environmental, physical, or legal constraint that warrants a deviation out of the rail corridor. SANDAG has made a mountain out of a molehill with their

convenient discovery of certain technical issues that they were aware of – and perfectly OK with – before they decided to switch the alignment to the west side at the request of the Encinitas City Council. As for the spirit of the PWP (and the funding for the CRT), our understanding is that the intent is to create new transportation facilities for pedestrians and cyclists which the east-side alignment clearly does. The west-side alignment is simply an incremental improvement of an existing facility. Furthermore, the rest of the CRT through Encinitas will be within the rail corridor by necessity.

We acknowledge that the beach access issue created by NCTD's requirement for a fence along the rail trail has not yet been addressed, but we are encouraged to see the City of Encinitas studying a safe and legal pedestrian rail crossing at Montgomery Street or Verdi Street. Construction of a crossing will resolve the access issue. Our previous concerns about a multi-year gap in access resulting from staggered completion dates of the trail and crossing projects have been mitigated by two recent developments: (1) The City's new openness to an undercrossing instead of an at-grade crossing, which will have less regulatory hair, and (2) the two-year wait to start the rail trail construction because of the delayed double tracking project - which will allow for properly sequencing the trail and crossing projects to avoid or minimize any gap in access. We also take heart from the muted community reaction to the current two-year gap in beach access created by the temporary fencing around the staging areas for the double tracking project.

We want a rail trail on the east side of the tracks to connect Cardiff with the rest of Encinitas, make the rail corridor accessible to pedestrians and cyclists of all ages and abilities, and resolve the safety issues along San Elijo Avenue where walkers and bikers take their lives in their hands as they try to get to the undercrossing at Santa Fe or to the market areas of Cardiff.

There is a great deal of community support for the east-side alignment. The west side alignment is against the letter and the spirit of the PWP. The path forward is clear: A trail on the east side of the tracks within the rail corridor.

Sincerely,

Michael Verdu

1405 San Elijo Avenue, Cardiff

Friend of the Cardiff Rail Trail

Selected Expressions of Support for the East-Side Alignment of the CRT

I'm aware of which routes are safe for bikes and which are discomforting. Regrettably, San Elijo between Cardiff and Encinitas is in the latter category. And if I feel that way, I can imagine what a family with young children may feel. Yet that route connects two major local attractions, is pretty level, and is ideally suited for a bike commute. That's why it would be fantastic to have the Rail Trail situated on the east side of the tracks. As a Class I bike path, it will be isolated from traffic, and since it will have great ocean views as well, people will be inclined to stop and watch the sunset. The trail will nicely integrate with the Santa Fe undercrossing so that people can easily go to Swami's Park. OTOH, situating the Trail on the Coast Highway is a non-starter: it's longer, it has more hills, there's more traffic that moves much faster, and there's no view. Riding a bike on a high-speed highway is NOT appealing. Opponents of the east-side Rail Trail who blame it for NCTD's proposed fence are either ignorant or are trying to spread mis-truths. NCTD has stated many times that they will install a fence no matter where the Rail Trail may end up.

I walk down San Elijo to the pedestrian underpass to cross at Swami's on a very regular basis. In my experience it is absolutely unsafe. People drive too fast, cars back out onto the road without clear visuals and if you are on foot it can be a harrowing experience. I don't consider it safe and look forward to a more effective parking, walking, biking and driving configuration.

I live in Leucadia and regularly cycle to work in La Jolla at the Salk Institute. It is a partricularly harrowing ride on San Elijo as it narrows and widens and narrows and commuters and local traffic speed by. I also drive that route to Cardiff Market and the various surf breaks along the Cardiff-Solana Beach coastline. I appreciate how close the bicycles are to the cars from both perspectives. The trail is absolutely neccessary for the safety of all and the failure to secure cyclists a safe passage is a moral and financial risk to the City of Encinitas.

My husband and I have been vacationing in Cardiff for a decade and just bought a house a year ago. For us Cardiff is the perfect community...except for the safety concerns we have about walking to Encinitas with our two grandchildren. I walk in my own following the natural dirt trails but my husband does not. My concern is that we may hear disproportionately from physically active members of the community who are good with the current conditions but not from less physically adept or older members of the community who would be users of the rail trail but are reticent to speak up because of the negative crossfire.

I live near the proposed rail trail and want a safe path to ride my bike to downtown Encinitas. Currently San Elijo is too dangerous and I am forced to ride on Coast Hwy which is not much safer.

I correspond to convey my support for the Cardiff Coastal Rail Trail. This pedestrian friendly project along the eastern side of the railroad tracks will be a useful link between Encinitas and Cardiff-by-the-Sea. This is a great opportunity to improve our infrastructure, and will make our community an even better place to live for generations that follow. I ask the Encinitas City Council to give this project your full support. First, the Rail Trail will be an additional link between two communities that does not entail driving a car. It will serve as a pedestrian friendly gateway between Old Encinitas and Cardiff businesses, and Cardiff and Encinitas restaurants. It will serve as a running trail, and will make a trip to the San Elijo Lagoon with my wife and children easier on foot or on bike. Second, the Rail Trail will serve as an aesthetically pleasing improvement to the current state of affairs along the railroad tracks. In its current state, the view of the Pacific Ocean along San Elijo Avenue looks unfinished because there is no particular walking trail and too many cars park perpendicular or diagonal to the road. Third, the Rail Trail will provide appropriate pedestrian crossings to the ocean. As a parent of toddlers, it is frightening to see people crossing the railroad tracks illegally and in plain view. A trail with designated crossings is a much better alternative to the current state of random illegal crossings across increasingly traveled railroad tracks. As a resident of Encinitas, a parent of two young children being raised in Encinitas, and a proponent of prudent infrastructure improvements to our communities, I ask you to support the Cardiff Coastal Rail Trail. It is my understanding that a substantial portion of the funding for this infrastructure project comes from outside sources, so this should be an easy decision to make without fanfare and partisan wrangling. Thank you for considering my input.

Please continue with this project. It will vastly improve safety issues in Cardiff that have long needed to be addressed. Don't let the same type of people that held up the new park for 12 years do the same to this much needed project

Real bike paths are separated from the road by more than just a painted line. It's a simple matter of public safety. This is why the Coastal Rail Trail is such a fantastic opportunity, because we might be able to get the bike paths off the road. Recently, though, a misguided Cardiff group has come out against it (for what seem to be purely NIMBY reasons). Don't they understand that arguing against bicycles is like arguing against ice cream? Or childhood? I sympathize with their aversion to change. But change for the sake of bikes is good change. Yes, the idea of a fence, which the railroad seems to be demanding, is a drag. But there needs to be a better long-term solution, anyway, than crossing the tracks and facing a $1000 fine each time. And didn't I hear something about the fence requirement simply being posts and cables? That wouldn't be so bad. As for the group's objection to a lighted bike path, this can be done with low-profile lighting embedded in the path itself, which would keep our dark skies dark.

As someone who supports healthy communities and safe routes to schools, I am excited about the plans for a rail trail along San Elijo Ave. We need a safer connection to downtown for pedestrians and bicyclers. Giving people safe options other than automobiles may help our environment. I know that it will help me. I hope that the vocal and well-organized opponents to the rail trail along San Elijo Ave do not give you the impression that we all oppose rail trails. I very much support this. Tonight is the annual Christmas parade, where parking is always a challenge. Like many families, mine usually parks near the Santa Fe Street underpass, walking along that narrow street in the dark, to make our way to the wonderful parade. A rail trail would make tonight easier. It would make most days easier too.

I am in favor of the decision to put a rail-trail path east of the railroad tracks, on the side of the tracks where the residents live. The existing bike route along Highway 101 in Encinitas will remain and continue to be used by the committed road bikers. The rail-trail path in the railroad corridor will be for walkers and families and the more cautious types who still want to bike but don't want to ride next to zooming cars. This is the best of both worlds. Some are fearful that our beach access will be lost. The truth is that the railway or the police could close down the illegal access at any time by ticketing or fencing without our consent. The railroad has the clear legal right to do that. I think the current Encinitas City Council is committed to ensuring that we have permanent and rightful access to the coast, which will make it easy and safe for people to walk to the beach. There are many people who feel exposed and uncomfortable crossing the railroad tracks and the highway without a legal crossing, for example older people and those with strollers or young children. Additionally it looks like the city doesn't have to pay for most of it, which means our city can continue to invest in other important things. I look at the fine job Solana Beach did with its beautiful rail trail, and the wonderful job our city did with the pedestrian underpass at Santa Fe Drive and this gives me confidence that I will also like the new separated bike and walking trail on the east side of the railroad tracks through Cardiff.

We desperately need more an safer bike and walking paths throughout Encinitas. I have and will continue to bike for work, pleasure, and shopping, as I have for the past 40 years. However, my wife, adult kids, and many friends do not like to bike on our streets because they feel they are just too dangerous, and unfriendly. So many reasons to get people out of their cars, onto on bike, or their own two feet, and I sure you know them all!

There are a lot of individuals that are excited for the rail trail and all the positive changes it will bring to our community. There are many out there that would like to see the trail on the East of the tracks, which allow safe passageway to and from Cardiff without the fear of being hit by vehicle. Like in all projects there are naysayers and change is hard, but in my opinion the pros outweigh the cons.

I have been an Encinitas resident for only two months, but I must add my 2 cents worth to the rail trail debate. I applaud your plan to route the rail trail east of the tracks. It is obviously a safer alternative when compared to the traffic and parking congestion on the west side of the rail line. I'm guessing that it will also be cheaper. Don't let a few NIMBY residents hold up or complicate a "public" works project that has benefits for the entire coastal population of SD County, our visiting guests, and tourists.

I am strongly in support of the rail trail. It will tie together a dangerous, not-family friendly Hodge-podge of badly linked trails into one lovely experience for biker, joggers, walkers of all ages. It will be safe. The sandstone will remain as well as the native plants and the gardened areas. Nothing "wild" will be taken away. It is already a highly disturbed area. Anything nature that has to be moved will be replaced. Nothing that Encinitas has done in the past has been just poured concrete without concern for the the experience of the trail. Think Santa Fe Underpass, the Encinitas Park, the improvements at Moonlight Beach etc.

It would be very nice to walk with a stroller and enjoy the beautiful scenery from the trail and not always have to take Coast Highway. I know a lot of people would enjoy that feature not to mention older people and small children. A public trail like that should serve everybody not just certain groups. Encinitas has done an excellent job with projects like this in the past and I'm sure they can make this beautiful and environmentally friendly as well utilizing low water landscaping and a non-obtrusive fence.
I am looking forward to having a path on the East side of the tracks that connects to Encinitas that can easily accommodate a stroller. Due to the current uneven path my child bumps up and down in their stroller and its not a fun walk/run to get to Encinitas. I love running on the East side of the tracks due to the view and hope to one day take my child that way as well. In addition, this path will increase the overall walkability of our community. I can't wait to walk to Encinitas in a faster and safer manner without having to walk along the 101.
Another great addition to Encinitas. A few vocal opponents is normal. Once complete everybody is going to love it just like the hall property.
I'm a coastal Encinitas resident who would love to safely use my bike for everyday errands along the proposed route. Please help make our town safer to walk and bike in.
I will ride my electric wheelchair now on this path - I'm assuming when you say "I will bike/jog/walk along the new trail", you include handicapped folks

Thank you for the comprehensive review of the rail-trail issue, and for acknowledging the multiple pros and cons. I feel that the benefits far outweigh the objections and that it will be a marvelous addition to our community. In the end it will become one of the real assets in Encinitas to be enjoyed by future generations. Let's get it built!
I would like you to register my complete support for the Cardiff / Encinitas Rail Trail. Bicycles and walking represent a huge opportunity for us to lower CO2 emissions and other air pollution. I believe we should be doing everything we can to support pedestrians/bicycles in our communities and also be working hard to reduce the speed of road vehicles.
This is only going to improve this lovely community. Lets face it this section is just a parking lot. Let's create a space that everyone can enjoy together.
Fabulous it's hard to push our grandkids in the mess we currently have this will be great. Bring it on!!
Rail trail or not NCTD is building that fence. We might as well beautify the whole area. Remember crossing railroad tracks is against the law except at designated crossings. .

It would seem most of us do not like change, but sometimes it is for the better. Apparently, it is against the law to cross the tracks. The risk of being hit by a train does not seem to be as great as getting a costly ticket if you suffer from bad luck or serious depression. However, improving the path between E Street and Chesterfield is not a bad idea. Currently it is also against the law to be on the dirt path (arbitrary for tickets)) except at the Swami's under pass where the proposed fencing currently exists. It is better than I imagined and very well utilized. Anybody think it was a bad idea and not needed? So, too, will be the well designed and improved path along the railroad right of way that will accommodate bikes and strollers and joggers keeping them safe from cars and trucks. An at grade crossing will eventually appear at Montgomery where a crossing once existed. As for the fence, it will not be designed by Donald Trump, but instead be more symbolic to satisfy NCTD's liability issues. Beach access will be somewhat restricted but not eliminated, and it will not impact anyone's view. I remember the good old days living in Seaside Trailer Park when I worked at Encinitas Hospital; there were just a few stop lights or stop signs, but time has changed all of that. I am glad Seaside is a Park and the hospital is modern and preparing for the future. The current city council appears to work hard and listen to everyone expressing an opinion, even the disagreeable ones, most times arriving at a decision that works best for all of us. Lisa and Catherine have regular e-mail notes regarding council activities. You should read them. If you do read them, you will realize how much time, energy, and thought go into their decisions. This is a great change from the past.

Here are some additional thoughts about the Trail. I believe that today, cars parked along the proposed Rail Trail block the view much more than a low, well-thought-out fence would. However, please know that I don't like the idea of having to fence the entire trail but, unfortunately, with the double-tracking the railroad is going to do, a fence will be built whether we like it or not. We need to provide input now as to how that fence will look. Why not put it below the line of site from the trail.....it's possible in many places..... I also like the idea of walking the Rail Trail route and looking at the sea through a landscaped view rather than through cars. I believe this would be a thoroughfare that we could walk without having to constantly be aware of cars pulling in and out.....
Walking, jogging, running, biking, and standing with sunset /surfing views, great news (I call it classy beach town progress). Parking is not the future, and look how nice the Solana Beach under ground railway is; with MORE public safer access, across the tracks
I can't wait for the trail to be completed. Then I can comfortably and safely walk into Encinitas or Cardiff to shop or eat.
I would use the trail at least once a week. I've been looking forward to it and think the community will benefit from it.
I am an avid runner and run along the stretch of Cardiff in the bike lane frequently. It isn't safe but it's the only option. It would be amazing to have a path through that section

I urge neighbors to spend some time looking at the actual plan which was developed after incorporating input from the public comment process and after public meetings. The current plan includes parallel parking all along San Elijo Ave from approximately 1571 San Elijo Ave north and includes the same perpendicular type of parking that is currently available from the same point to the south. The proposed fence is two cables strung between posts similar to what currently exists at the new pedestrian underpass at the west end of Santa Fe. I would recommend everyone look at the plan at the link others have provided.

San Elijo fronts what is arguably the most scenic ocean view in North County. It is currently being used as a highway for local people and an auxiliary parking lot for the folks whose houses front San Elijo. I bike on it regularly for the view, and I feel that I am taking my life in my hands. You have an elementary school on San Elijo, which unaccountably, we let people park their RV's in front of over night. I can't be the only one who thinks RV's and kids are a bad combination. Is it too much to ask that our kids have safe streets to walk on? We have to be able to do better than this.

For me, I am looking forward to being able to walk safely to Encinitas from Cardiff by the Sea. I am also aware that the fence by the railroad will happen anyway by the Railroad because of the double tracking and it is an attractive minimum fence with posts and wire and only 4 feet tall. If you want to tempt fate you can jump the fence. But we are going to have a safe crossing at Montgomery. So you won't have to walk to far to cross safely.

I understand some people are opposed to the rail trail. It will change how things are now. But I have to say, the trains, the traffic, the double tracking, the number of people moving to this area: these are changes too, and we can't stop them. Right now this beautiful place is restricted to only those with the skill to single track over well-worn dirt trails and those brave enough to cross the double tracks and risk getting hit by a train. Why can't we have a beautiful trail AND safe access to the beach available to old and young and everyone in the middle:). That is what this will be. And I love the fact I can ride my bike from here to San Diego (someday soon). At least to Cardiff market. Thanks to the City Council for helping get this done.

It also get rid of illegal parking along San Elijo. Cars that park on the dirt drip oil and pollute our ground water. The rail trail will improve water shed and reduce water pollution. Also it is illegal to cross the rail road tracks at areas other than proper crossings therefore it will reduce crime.

Currently the rail right of way is an eye sore. The proposed trail we not only utilize property that is currently being wasted, but we clean up the area and add a functional trail for all to use..

I support the Cardiff Rail trail. It will greatly improve pedestrian and bicycle safety in Encinitas and Cardiff.

I am a long time resident of Encinitas and often walk the streets. We really need the rail trail and it will bring more tourism to our city. Those against the trail want to illegally cross the tracks. Why would the city council approve of that? Perhaps the sheriffs should issue more tickets and solve this whole problem for us. GO RAIL TRAIL !!!!!!!!

I support the local Rail Trail. Long stretches of San Elijo Avenue and the Coast Highway are not pedestrian or bike friendly at all. I think the Rail Trail will be a wonderful addition to our area.
I highly support the rail trail project. Please keep me informed and let me know if there are ways I can help.
We desperately need more an safer bike and walking paths throughout Encinitas. I have and will continue to bike for work, pleasure, and shopping, as I have for the past 40 years. However, my wife, adult kids, and many friends do not like to bike on our streets because they feel they are just too dangerous, and unfriendly. So many reasons to get people out of their cars, onto on bike, or their own two feet, and I sure you know them all!
I'm looking forward to riding our bikes with my kids and family on that trail and to a safe rail crossing!!
The Rail Trail is going to be great! We need all the bike paths we can get, especially those that are separated from the road (as most of the path in Cardiff will be). Next on the agenda: we need to try and get the bike path separated from the road in the plans for the Leucadia segment.
As a long-time Cardiff resident I understand the resistance to change within the community. I hate to admit I am old enough to remember when I-5 was built! However, change is coming whether we want it or not. Much of the "information" on the norailtrail FaceBook page is false and misleading. The decision to double track the corridor and the need for safety fencing along the tracks was NOT the city's decision to make. The rail trail project will help mitigate these changes. I applaud the city's proactive approach. If you have questions contact the city council directly and get the facts.

This is a great victory for those of us living between 101 and the 5. Imagine a safe spot to walk, run, bike without having to cross the tracks. Nice addition to the neighborhood.
I think the proposed trail will allow cars, cyclists, joggers and walkers to equitably enjoy that stretch of San Elijo safely.
Seems the proposed Rail Trail will benefit "all" who want to take advantage of the oceanview, etc. it's also true that not everyone in Encinitas cares for the ocean. A lot of the walkers, cyclists come from points north, east and south who want to enjoy the community, eateries, shops, coffee (especially cyclists) that Encinitas has to offer.
My husband and I are long-time residents of Cardiff, and are very much in favor of the trail. We see people illegally crossing the tracks frequently here in town - resulting in a lot more noise from the passing trains than we would have with a legal crossing point at Montgomery. (In other words, we're in full agreement with the gentleman who started the YesTrail website.) The additional improvements at the underpass look wonderful, so if this plan will extend that same look, with the use of local succulents, we think it would be even more beautiful along our local corridor. We'll hope to see this project successfully completed in our neighborhood!
The following owners and residents along San Elijo Ave would like to voice their continued SUPPORT of the Rail Trail option along San Elijo. (Signed by nine owners and residents in Cardiff).

I am a Cardiff resident and completely support the rail trail being built. I live in Cardiff's composer district and have to walk down Montgomery to get to the Cardiff town. I would love to walk to Encinitas for shopping or even to catch the train to downtown where I work but currently have to walk south on San Elijo to cross the tracks then head north on the 101. If the trail is built it would connect Cardiff to Encinitas for all of the residents. Please consider moving forward with the project.

As a resident of Cardiff on San Elijo Ave, I just wanted to convey my strong support regarding the trail and the need for a safer walking/biking path along the east side of the railroad

There's really not much more to say other than I support the rail trail whole-heartedly! As a lifelong resident near the corner of San Elijo and Montgomery Avenue, such infrastructure is long overdue. Accessibility should be made for all and a rail trail would allow for safe passage between Encinitas and Cardiff downtowns for all, not just those willing to brave a busy San Elijo. It is an absolute shame that I live in a part of the world with a near-perfect climate and yet I am unable to easily access downtown Encinitas via any means other than a car (which just furthers the traffic on San Elijo). The Rail Trail will be a huge boon for the community and I will support any council member who supports such a rail trail! While we're at it, I can't wait for a Montgomery at-grade crossing. Illegally crossing the tracks is my current reality, and that's less-than-ideal. I am a Cardiff resident along the San Elijo corridor and I SUPPORT THE RAIL TRAIL.

As a home owner and resident of Cardiff I would like to register my full support of the plan to create the Cardiff section of the rail trail along San Elijo.

My family and I live on Chopin Way in Cardiff. We are FOR the rail trail. The rail trail will improve on the community, and make things easier , e.g walking to Encinitas or even Cardiff town etc. We have a baby and a dog, and love to walk everywhere, but with limited sidewalks already, it makes it hard to get around. We also do not want to cross the tracks just to get a side walk. The rail trail will be an attraction for the residents as well as visitors. It is important to improve the community we live in, so we can get the best out of this beautiful place where we have chosen to be. Sunset walks and morning strolls should be one of them. Next vote would go to more sidewalks in the neighborhoods, so you don't feel scared walking the stroller and get hit by cars! :)

My family (4 voters) are very supportive of the Coastal Rail Trail. Please be aware that the "no on the rail trail" are being very deceptive when they collect signatures against the trail. We know as we were approached Saturday! We were told that if we sign the NO petition that the City Council will instead put in a walking trail for pedestrians and dog-walking rather than a bike trail. While many of us prefer a walking trail with slow beach cruisers allowed on it, the proposed Coastal Rail Trail is better than No trail. They are also telling people who park on the bluff that ALL parking on San Elijo will be eliminated and that they will never be able to park on San Elijo again. This is also not true. We tried to leave feedback on the No on Rail Trail website but our comments were blocked! Too bad there is no interest in real dialogue among neighbors. Rather, the No on Rail Trail crowd prefers to say whatever they need to say to kill the Rail Trail. For the record, we all support the Rail

I support the Rail Trail! I'm a lifelong resident near the corner of Montgomery Avenue and San Elijo and I can't express how much of a boon to the community the Rail Trail will be. I'm guffawed that anyone would object to increased accessibility to various parts of our beautiful town. Thank you for doing what you're doing.
I would love the opportunity to become involved. I am an avid runner and strongly feel the need for this project in North County. I am a SD native that has spent the 13 previous years living in Chicago prior to relocating to Carlsbad the summer of 2015. Chicago has consistently made it a priority to have mixed use trails throughout the city and county. The County did a fantastic job of protecting the environment and creating protected native species preserves / sanctuaries while providing safe recreational trails for the citizens.
I strongly support the Cardiff Rail Trail project. I and my family will use it often when completed.
This is a much needed infrastructure improvement in Cardiff. I've attended numerous workshops over the years and it is clear to me that this is the preferred alignment. While there seems to be great objection to a fence, it really does seem like a necessity for safety. The fence as envisioned is tasteful.
I am 68 and would love to walk or bike this trail. I don't feel safe biking the coast road area now.
I totally support the trail. Cardiff can only benefit from having a safe, beautiful, pedestrian path along the rail corridor. I love to walk in Cardiff, my town's sister town. Make it easy and safe for me and my neighbors please!

I think having a dedicated bike trail away from 101 would be safer than a shared lane with cars and bikes.
It's amazing to me that the detractors think that this ugly looking not natural area looks good. I think that area looks terrible right now and putting in the Rails to Trails would be really nice. This is for somebody who walks his dog already over there but I want to see Cardiff looking better
It would be great for who are handicapped and use a scooter to get around...much safer than using the streets.
I bike the route that is off of the main road; would be great for my family and I. We have a 10 year old daughter and an 8 year old son. We don't like riding around traffic so the trail is very attractive to us. Please build it!
My family and I live on Chopin Way in Cardiff. We are FOR the rail trail. The rail trail will improve on the community, and make things easier , e.g walking to Encinitas or even Cardiff town etc. We have a baby and a dog, and love to walk everywhere, but with limited sidewalks already, it makes it hard to get around. We also do not want to cross the tracks just to get a side walk. The rail trail will be an attraction for the residents as well as visitors. It is important to improve the community we live in, so we can get the best out of this beautiful place where we have chosen to be. Sunset walks and morning strolls should be one of them.

CoastalNCCPWP

From: Dana Crowell <crowdana@gmail.com>
Sent: Monday, April 10, 2017 9:57 AM
To: Cox, Greg
Cc: Buhr, Gabriel@Coastal
Subject: Cardiff Rail Trail

Dear Commissioner Cox,

Please vote no on the SANDAG request for an exception to the Public Works Plan to build the Cardiff segment of the Coastal Rail Trail along Route 101. As a Cardiff resident, I support a trail along the east side of the tracks to enable walkers, runners, recreational bikers, and strollers to safely navigate between Cardiff and Encinitas. Frankly, we were shocked when we heard the original decision to put the rail trail on the east side was overturned by a minority of vocal community members who were misled about the facts regarding the trail.

In speaking with the original opponents recently, they too would like a recreational path placed on the east side. The 101 is too dangerous for recreational bikers (there is no berm between traffic and rider) and the east side offers an excellent option for those wanting to walk, run, or ride beach cruisers from Cardiff to Encinitas and back..

I understand SANDAG has cited "unified community opposition" as a reason to build the rail trail on Route 101. In truth, there is strong support for the east-side alignment. The "silent majority" were blocked from attending City of Encinitas meetings due to crowds, our letters were ignored due to political threats from the minority opposition, and vital meetings were scheduled with little to no public warning.

We want the rail trail on the east side of the tracks along San Elijo Avenue. We want a trail that opens up the rail corridor to people of all ages and abilities who will walk, run, push strollers, or ride bicycles between Cardiff and the rest of Encinitas. We want trails that link up with safe and legal pedestrian railroad crossings. A trail on the east side would enhance our quality of life significantly!

Please vote NO on the SANDAG request to build the Coastal Rail Trail on Rte 101 through Cardiff. We want you to push SANDAG to engage with the City of Encinitas and our community to create an east-side trail that will work for all of us.

Thank you,

Rick and Dana Crowell

cc:Coastal Commission

CoastalNCCPWP

From: Jody Hubbard <Jody@jodyhubbard.com>
Sent: Tuesday, April 11, 2017 3:42 PM
To: Cox, Greg
Cc: Buhr, Gabriel@Coastal
Subject: Coastal Rail Trail - Cardiff (San Diego County) portion exception request

Dear Commissioner Cox,

I oppose the SANDAG request for an exception to the Public Works Plan to build the Cardiff segment of the Coastal Rail Trail along Route 101. It should remain on the east side of the tracks within the rail corridor as originally proposed.

SANDAG has cited "unified community opposition" as a reason to build the rail trail on Route 101. However, many of us strongly support the east-side alignment and our voices are not being heard.

I have lived in the greater Encinitas community since 1999. I have walked and bicycled the area in question many times over the past 18 years and continue to do so. I was ecstatic when I learned about the Coastal Rail Trail planned for the east side of the railroad tracks between Encinitas and Cardiff back in 2015. Vulcan is an extremely dangerous roadway for anyone NOT in a car. There is NO bike lane, cars park illegally in all directions on a dirt berm, and if you are walking it is only for those who are fleet of foot and can navigate the many obstacles.

Therefore, most of us choose to walk on the westside of Hwy 101 which has a curb separation and bike lanes going both directions. Unfortunately, the traffic on Hwy 101 is heavy and moves quickly making this a less than desirable place for a leisurely walk or bike ride. Frankly, I would not advise anyone but experienced road cyclists to use the existing bike lanes. Approving SANDAG's request to move the CRT to the East side of Hwy101 does nothing to improve what is already available. In addition, the railroad tracks are very close to Hwy101 on a significant portion of this route. The placement of the CRT on the east side of HWY 101 makes <u>absolutely no sense</u> when the east side of the railroad tracks is available with lots of open space.

I was very disappointed when a small group of local residents began a campaign to stop the CRT trail. They were extremely vocal using incorrect facts, an email campaign without the consent of the people whose email addresses were used, bullying and physically defacing public and personal property. Issues they presented were –

1. Fencing off beach access – This was and is currently being addressed by the city of Encinitas.
   A crossing is proposed at the Montgomery/Verdi street area and should occur about the same time the CRT is completed. NCTD has already stated they will eventually fence this stretch of rail corridor, with or without the CRT.
2. Too much pavement on CRT. Subsequent to the original plans SANDAG proposed showing all pavement, it was discovered that we do have choices of other materials and/or narrowing parts of the CRT where needed.
3. Chain Link Fence – this has already been mitigated to a post and pier fence 4 feet high which does not block any views.
4. Parking eliminated – some parking spaces in one area will be eliminated while other areas will gain parking. Adding the crossing and parking at Montgomery/Verdi area should easily offset some of the lost parking spaces.
5. NIMBYism – no one likes change. But the CRT is change for the better and gives access to all Encinitas residents and those visiting the area with a beautiful functional trail connecting downtown Cardiff with downtown Encinitas allowing people to move around safely without the use of a car.

The purpose of the CRT is to create a safe and separate path for walkers and bicyclists. Keeping this path away from the street intrinsically creates a much more pleasant experience. I believe a beautiful well designed trail between downtown Cardiff and Encinitas will become a loved amenity that is heavily used by everyone in the community just as the Santa Fe railroad undercrossing is now used today. It is hard to imagine that this crossing never existed a couple of years ago.

We want the rail trail on the east side of the tracks along San Elijo Avenue. We want a trail that opens up the rail corridor to people of all ages and abilities who will walk, run, push strollers, or ride bicycles between Cardiff and the rest of Encinitas. We want trails that link up with safe and legal pedestrian railroad crossings. I know that I speak for many in my neighborhood who have shared their disappointment with me when the CRT was moved to the East side of Hwy 101 by city Council in 2016.

Please vote NO on the SANDAG request to build the Coastal Rail Trail on Rte 101 through Cardiff. We want you to push SANDAG to engage with the City of Encinitas and our community to create an east-side trail that will work for all of us.

Thank you,

Jody Hubbard
535 Warwick Ave
Cardiff, CA 92007

858-967-3580

CoastalNCCPWP

From: Heidi Fogo <heidi.fogo@gmail.com>
Sent: Monday, April 10, 2017 7:21 PM
To: Buhr, Gabriel@Coastal
Subject: Fwd: EASTERN RAIL TRAIL ALIGNMENT IS FAR SUPERIOR!

4-10-17

Dear Mr Cox and Coastal Commission Members,

SInce having built our tri-plex at 1333, 1335 & 1337 San Elijo Ave, We have walked and ridden our bikes along San Elijo for 39 years.
It is treacherous, difficult and dangerous to navigate the speeding car, parking cars and continually eroding soil along the narrow bluff top.

This is the most beautiful piece of real estate the City of Encinitas is fortunate enough to own, in part. It has always been severely neglected, yet heavily used for ocean viewing. It is one of the few spots where the entire community can park and watch the huge surf, the sunset or migrating whales. This strip of dirt is continually used by pedestrians, dog walkers and strollers.

There is NO "unified community opposition"! This is just a bunch of selfish loud mouths that want to continue to trespass on railway
property to have easier beach access. It is being billed as "protecting the environment", which is actually just a bunch tumbleweeds. This unkempt area is a magnet for people living in their cars and using the weeds for a bathroom.

The 10 speed bicyclists almost never ride along San Elijo, as its far too dangerous. They zoom down Hwy 101.

Please do not let this small group, against the San Elijo alignment, bully and buffalo you with their campaign of lies.
The eastern alignment by far, provides the most benefits to the entire community, City of Encinitas and San Diego County.

Sincerely,
Heidi Fogo
760 436 4870

CoastalNCCPWP

From: William Gerrity <wwg@gerritygroup.com>
Sent: Monday, April 10, 2017 10:08 AM
To: Cox, Greg
Cc: Buhr, Gabriel@Coastal
Subject: Coastal Rail Trail

I am a long time resident and property owner in Cardiff.

Please vote NO on the SANDAG request to build the Coastal Rail Trail on Hwy 101.

Please place the trail on the east side of the tracks. It would be much more engaging and functional for the public…much more! It is just a better location in every way.

Thank you for your consideration.

William Gerrity

CoastalNCCPWP

From: Damien Kovner <damien@jellyfilms.com>
Sent: Thursday, April 13, 2017 10:42 AM
To: Cox, Greg
Cc: Buhr, Gabriel@Coastal
Subject: CRT Alignment

Dear Commissioner Cox,

I am a life long resident of San Diego and have lived my whole life in Mission Beach, with a boardwalk just a few steps from my door. I can't tell you the positive benefits personal and communal alike, that I have seen stemming from the boardwalk. However, do to a growing family, I decided to move to Dewitt Street in Encinitas and that decision was predicated in NO small part on the premise of a "boardwalk" (i.e. road separated, walking and biking path) existing there. This was when the City Council had voted "YES" on the Eastern alignment. But you know how the story has gone..

To get to my point… I want/need and I believe the the City of Encinitas wants/needs a road separated walking biking path along the coast.. I am in favor of Eastern alignment. But not at the expensive of scuppering the project all together…

Just get is done.. but yes I prefer the east side.

CoastalNCCPWP

From: Randa Gerrity <randag@mac.com>
Sent: Monday, April 10, 2017 9:53 AM
To: Cox, Greg
Cc: Buhr, Gabriel@Coastal
Subject: Cardiff Rail Trail

Dear Commissioner Cox,

I am writing to oppose the SANDAG request for an exception to the Public Works Plan to build the Cardiff segment of the Coastal Rail Trail along Route 101 instead of along the east side of the tracks within the rail corridor as originally proposed.

SANDAG has cited "unified community opposition" as a reason to build the rail trail on Route 101. However, many of us strongly support the east-side alignment and our voices are not being heard.

We want the rail trail on the east side of the tracks along San Elijo Avenue. We want a trail that opens up the rail corridor to people of all ages and abilities who will walk, run, push strollers, or ride bicycles between Cardiff and the rest of Encinitas. We want trails that link up with safe and legal pedestrian railroad crossings.

Please vote NO on the SANDAG request to build the Coastal Rail Trail on Rte 101 through Cardiff. We want you to push SANDAG to engage with the City of Encinitas and our community to create an east-side trail that will work for all of us.

Thank you,
Randa Gerrity

CoastalNCCPWP

From: Toni Schultz <tonilynchristen@gmail.com>
Sent: Thursday, April 20, 2017 10:15 AM
To: Cox, Greg
Cc: Buhr, Gabriel@Coastal
Subject: Rail trail

Dear Commissioner Cox,

I am writing to oppose the SANDAG request to the Public Works Plan to build the Cardiff segment of the Coastal Rail Trail along
the 101 instead of along the east side of the tracks.

I am in support of the trail on the east side. I live on Cornish drive which flows into San Elijo and I drive there daily. It is very dangerous now for walkers, joggers and bicyclists. There needs to be a safe means of transportation for all on this road.

Please vote NO for trail on 101 and yes to trail built on San Elijo east side.

Thank you,

Toni Schultz
1319 Cornish Drive
Cardiff CA 92007

CoastalNCCPWP

From: Keith and Cris Weatherby <ckweatherby@hotmail.com>
Sent: Monday, April 10, 2017 1:12 PM
To: Buhr, Gabriel@Coastal
Subject: Fw: Cardiff Rail Trail

From: Keith and Cris Weatherby <ckweatherby@hotmail.com>
Sent: Monday, April 10, 2017 1:09 PM
To: greg.cox@sdcounty.ca.gov; Gabriel.Buhre@coastal.ca.gov
Subject: Cardiff Rail Trail

Gentlemen,

I am writing to oppose the SANDAG request for an exception to the Public Works Plan to build the Cardiff segment of the Coastal Rail Trail along Hgwy 101. The trail belongs on the east side of the rail tracks as originally proposed. As a long time resident of the Encinitas Highlands I am certain the east side is the only viable plan as there is simply not enough room along many parts of the west side alignment.

SANDAG has cited "united community opposition" as a reason to build the rail trail on the west side of the tracks along Hgwy 101. However there is considerable strong support for the east side alignment that apparently is not being heard.

The original plan called for improved parking along San Elijo, which has been a serious safety need for years, and a safe pedestrian crossing and fencing to eliminate the numerous daily illegal and dangerous crossings. These are all essential to the trail project that will also allow people of all ages and abilities to walk, run, bike and push strollers safely between Cardiff and downtown Encinitas on the east side of the tracks.

Please vote NO on the SANDAG request to build the Coastal Rail Trail on the west side along Hgwy 101. Please work with the City of Encinitas and our community to build an east side trail that will enhance our city and be a benefit for everyone.

Thank You,

Keith Weatherby

Real Estate Broker
1246 San Dieguito Dr
Encinitas, CA 92024

CoastalNCCPWP

From: LISA SHAFFER <lrshaffer@roadrunner.com>
Sent: Monday, April 17, 2017 2:19 PM
To: Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Vargas, Mark@Coastal; Howell, Erik@Coastal; Uranga, Roberto@Coastal; Cox, Greg@Coastal; Diaz, Olga@Coastal
Cc: Buhr, Gabriel@Coastal
Subject: Regarding May agenda item - Encinitas Coastal Rail Trail
Attachments: CRT-Cardiff.jpg

Dear Commissioners (with copy to staff):

As an Encinitas resident, former Deputy Mayor, and former SANDAG Board and Transportation Committee member, I am writing to encourage you to deny the request, scheduled for your May meeting, to move the southern Coastal Rail Trail segment in Encinitas out of the rail corridor and onto Coast Highway 101. The proper location for the trail is as originally proposed on the east side of the rail, in the right-of-way. It is my understanding that SANDAG wants the Public Works Plan to be interpreted as allowing the move to the west side due to an environmental constraint precluding the trail from being in the rail corridor. They are asserting that there is unified public opposition to the original plan, which is not accurate, and that this constitutes a constraint. There was loud and aggressive opposition from neighbors on San Elijo Ave. who currently park illegally and cross the railroad tracks illegally to get to the beach. However, there are significant portions of the Encinitas community who were looking forward to new, attractive facilities as proposed, away from Highway 101, providing improved access to the Cardiff business district, schools, and parks, all east of the railroad tracks. In addition, the adjacent segment north of Cardiff will have to be on the east side, and the existing crossing at Santa Fe is inadequate to accommodate additional volume of cyclists and pedestrians, whereas the Chesterfield intersection is being redesigned specifically with this need in mind. (see attached site map)

One new piece of information that may not be apparent in past communications is that the City of Encinitas has identified pedestrian and bicycle improvements on San Elijo Avenue (the location of the original CRT plan) in the city's CIP budget as reflected here:
http://encinitas.granicus.com/MetaViewer.php?view_id=7&event_id=1210&meta_id=72698 . This is the result of universal agreement that San Elijo Avenue is unsafe for pedestrians and cyclists – a problem the Rail Trail was intended to address.

If there were real environmental or legal constraints, why would the City be including this projects in its own planning? Why should taxpayers provide SANDAG funds to be used where there are already pedestrian and bicycle facilities on Highway 101, and then have local residents paying again for improvements on San Elijo that would have been provided by the original Coastal Rail Trail plans? I was the dissenting vote when the City Council approved a letter to SANDAG asking that the trail be moved from the east side to the west side. In my opinion, it was an action motivated by the politics of the moment. In the 2016 City Council and mayoral elections in Encinitas, two challengers ran heavily on the promise to move the Rail Trail to the west side. They campaigned actively, put out many yard signs, debated vigorously at town hall meetings, and both lost decisively. If there is any credible judgement of current local sentiment, the results of the last election are it. The mayoral and Council candidates running on public opposition to the east side alignment both lost badly.

The original plan was a good one. Nothing really has changed, other than the social media and marketing campaign of a small group of locals, whose chosen candidates were not elected. Unfortunately, their pressure leading up to the election caused some incumbents to change their positions in advance of the election, and the mess that we have now was the unfortunate result. The real goal of the dissenters was to avoid a fence going along the railroad tracks so they could keep illegally and unsafely crossing the tracks. The City of Encinitas is working hard with NCTD to design and get

approval for at least one new, safe crossing in the part of the corridor to accommodate this need for additional access. Moving the rail trail to Highway 101 would be an unfortunate, expensive, and unnecessary action that diminishes the benefits to the Encinitas community and the entire region, and violates both the letter and the spirit of the PWP. Please direct SANDAG to stick to the original plan. The result will be better, safer, and cheaper for all concerned.

Thank you for your attention.

Lisa Shaffer
569 Kristen Court
Encinitas, CA 92024
760-518-0533

CORRESPONDENCE 36

CoastalNCCPWP

From: rfhemphill@cox.net
Sent: Wednesday, April 26, 2017 5:50 AM
To: Cox, Greg
Cc: Buhr, Gabriel@Coastal; 'Leah Bissonette'
Subject: Cardiff segment of the Coastal Rail Trail

Dear Commissioner Cox,

I am an Encinitas citizen, living in the Leucadia portion of the city. Nonetheless, I have a strong interest in making sure that whatever work is done to advance any coastal trail makes sense for the community and is safe and usable. The purpose of this message is to express my opposition to putting a section of the trail on Route 101, possibly the busiest portion of any north/south highway in the city, and the least safe. I recommend that you oppose the SANDAG request for an exception to the Public Works Plan to build the Cardiff segment of the trail along Route 101. Frankly, I am mystified as to why the decision was made, well after the fact, to put the trail here rather than leave it on the east side of the tracks within the rail corridor which was the initial and sensible design.

I don't ever ride my bicycle on the coast highway, for the simple reason that I don't have a death wish. Perhaps if I contract stage 4 pancreatic cancer I will then be motivated to do so, but until then, no: it's simply not safe. Bicycles and cars don't mix well; when they do, the bikes and their riders loose. Safe bicycle riding needs separate lanes, PHYSICALLSY SEPARATE, for the bicycles. The east side alignment of the trail accomplishes this important goal, putting the "trail" on the 101 clearly does not. Why not just put it on the I-5 freeway? That would make just about as much sense.

You will hear that there was "unified community opposition" to the east side route. This is complete nonsense. Many of us in Leucadia believe that putting the trail on the east side would be the clear best choice, and would enable us to use it more. We cannot now ride a bike safely to Seaside Market, one of our favorite destinations. An east side trail would allow us to do so. And while we're at it, let's make it handicapped accessible. I see no reason why a Marine serving his country who lost his legs in Afghanistan should not be able to use this trail in his wheel chair.

I would appreciate your support for the east side alignment when this matter comes to a vote. An east side alignment is a far better choice than putting the trail on highway 101.

Sincerely,

Robert F. Hemphill
188 West Glaucus St
Encinitas, CA 92024

CoastalNCCPWP

From: Heidi Fogo <heidi.fogo@gmail.com>
Sent: Wednesday, April 12, 2017 7:12 PM
To: Buhr, Gabriel@Coastal
Subject: Support for East side Cardiff Rail Trail

As Cardiff residents we have ALWAYS supported the rail trail on the EAST SIDE of the tracks along San Elijo Ave. We want a trail that opens up the rail corridor for all regardless of age or disability.

Please vote NO on the SANDAG request to build the Coastal rail trail on Rte on Rte 101 through Cardiff. We are requesting that you push SANDAG to engage with the City of Encinitas and our community to create an East side trail that will work for all of us. Ruth Williams, 1339 San Elijo Ave., Cardiff, Ca 92007.

Sent from my iPhone

CoastalNCCPWP

From: Robert Yaussy <ryaussy@gmail.com>
Sent: Monday, April 10, 2017 1:27 PM
To: Cox, Greg
Cc: Buhr, Gabriel@Coastal
Subject: Coastal Rail Trail

I live at 1327 San Elijo Ave. I understand there is a chance that we could still see the rail trail moved to the east side of the railroad tracks. I walk alone side san elijo ave all the time it is very difficult with cars parked every which way and the uneven ground. I vote for the coastal rail trail on the east side of the railroad tracks. thank you for your time Robert Yaussy

CoastalNCCPWP

From: Kyle Gerrity <kyle.gerrity@gmail.com>
Sent: Monday, April 10, 2017 6:14 AM
To: Cox, Greg
Cc: Buhr, Gabriel@Coastal
Subject: Cardiff Rail Trail

Dear Commissioner Cox,

I am writing to oppose the SANDAG request for an exception to the Public Works Plan to build the Cardiff segment of the Coastal Rail Trail along Route 101 instead of along the east side of the tracks within the rail corridor as originally proposed.

SANDAG has cited "unified community opposition" as a reason to build the rail trail on Route 101. However, many of us strongly support the east-side alignment and our voices are not being heard.

I am a 33 year resident of Cardiff by the Sea, living at the corner of San Elijo and Montgomery Avenues and this project personally impacts me in a profound way.

We want the rail trail on the east side of the tracks along San Elijo Avenue. We want a trail that opens up the rail corridor to people of all ages and abilities who will walk, run, push strollers, or ride bicycles between Cardiff and the rest of Encinitas. We want trails that link up with safe and legal pedestrian railroad crossings.

Please vote NO on the SANDAG request to build the Coastal Rail Trail on Rte 101 through Cardiff. We want you to push SANDAG to engage with the City of Encinitas and our community to create an east-side trail that will work for all of us.

Thank you,

Kyle Gerrity

CoastalNCCPWP

From: Marco Gonzalez <marco@coastlawgroup.com>
Sent: Friday, May 05, 2017 3:11 PM
To: Buhr, Gabriel@Coastal
Cc: Brown, Kanani@Coastal
Subject: Item Th18a: NCC-NOID-0001-17 (Cardiff Coastal Rail Trail)

Hello Gabriel

Please accept these comments in support of staff's recommendation for Item TH18a, Notice of Impending Development for the Cardiff Coastal Rail Trail. While Coast Law Group is located within the affected community and represents numerous clients that have an interest in the outcome of this matter, these comments are made solely on my own behalf as an interested citizen and environmentalist.

For many years I have participated in efforts to increase non-automobile based transportation infrastructure in and around the cities of Del Mar, Solana Beach, and Encinitas, including activities related to various components of the North Coast Corridor Public Works Plan and Transportation and Resource Enhancement Program (PWP). For nearly two decades it has been anticipated that the coastal rail trail component of the PWP would be located along an eastern alignment to the railway through the southern portion of the City of Encinitas. Because of the long term planning involved, coupled with the fact that the rail trail is part of the mitigation package for the I-5 widening (opposition to which I was involved on behalf of multiple clients), I was disheartened when certain members of the public and the Encinitas City Council decided the eastern alignment was no longer desirable.

And to be perfectly clear, from my perspective there was no question that the driving force behind the request to change the trail's location was the desire of numerous homeowners in the "Composer District" of Cardiff to push the trail out of their neighborhood. This affluent community views the rail trail as a likely source of additional pedestrian activity in their neighborhood, as well as the loss of free guest parking they have enjoyed within the rail right-of-way. The proffered arguments, namely that the trail would be "overbuilt" with concrete, insufficiently landscaped, and include an obtrusive fence, are nothing but red herrings for the fact that these elitist residents want to keep people out of their area to the extent possible. Further, to the extent arguments are made that the fence would impede beach access (I received numerous phone calls from residents who believed I would take up the cause because of this allegation), the Commission is reminded that such access is not legally allowed, and infrastructure is in place and planned to facilitate continued reasonable access at appropriate locations along the corridor.

Ultimately, I believe the community would benefit from an upgraded Hwy 101 trail. However, the PWP does not allow the trail to be located outside of the rail corridor absent specific findings of legal, environmental, or physical infeasibility. Should the City and SANDAG wish to go down the lengthy route of amending the underlying documents, they are free to do so. If that means losing grant money, so be it. Legally, however, the required findings for the western alignment cannot be made, and for the Commission to do so would be to invite legal challenge. There is no good policy or financial reason for the State to incur such liability on behalf of these two entities. I would also note that the unavoidable traffic impacts to the Chesterfield-South Coast Highway 101 interchange from the western alignment have not been sufficiently disclosed, nor has the entirety of the realignment proposal been the subject of an appropriate analysis under the California Environmental Quality Act.

The staff report does a great job detailing both the history and the legal considerations that should drive the Commission's final decision. The Commission should either approve the eastern alignment or deny the project altogether.

-Marco

MARCO A. GONZALEZ
Managing Partner

Coast Law Group LLP
1140 South Coast Highway 101
Encinitas, California 92024
tel. 760.942.8505 x102
fax 760.942.8515
marco@coastlawgroup.com
www.coastlawgroup.com

CoastalNCCPWP

From: Mike Verdu <michaelverdu@gmail.com>
Sent: Sunday, April 30, 2017 10:09 AM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: Th18a: Don't bow to pressure tactics, there is not "unified" or "overwhelming" public opposition

Agenda Item: Th18a

Commissioners,

In the days leading up to the hearing on the Cardiff segment of the Coastal Rail Trail (NCC-NOID-0001-17), I have watched SANDAG, the Mayor of Encinitas, our newly elected Supervisor Kristin Gaspar, and advocacy groups in favor of the west-side alignment all work together to mount a full court press to convince you to override the recommendation from Coastal Commission Staff as documented in the staff report. I have also heard that SANDAG has even engaged a lobbyist to reach out to you. This coalition is working hard to ensure that you are bombarded with letters, notes, and calls.

I founded one of the larger advocacy groups on the other side of the issue, supporting the east-side alignment (consistent with the Coastal Commission Staff recommendation). Our "Yes Rail Trail" group – also known as "The Friends of the Cardiff Rail Trail" – has a list of 1,700+ supporters and a collection of hundreds of notes, letters, posts, and comments in favor of the east-side alignment. Our web site has seen tens of thousands of visits. Our Facebook page has 875+ "Likes" which is more than the opposition. We've run surveys that have reached over 15,000 residents and generated hundreds of responses showing a clear preference for the east-side alignment from Encinitas as a whole. During late 2015 and early 2016 we were very active in the community, garnering significant press coverage, going door-to-door in Encinitas, attending community meetings, and speaking out in multiple forums in favor of the east-side alignment.

We have made a conscious choice not to go crazy in the run-up to this Coastal Commission meeting. Instead, we have endeavored to provide you with clear evidence that there is deep support for the east-side alignment in Cardiff and Encinitas. You've already received a fair amount of correspondence to this effect, including thoughtful notes from key members of our community with insight into why we support the east-side alignment. We've also provided you with larger curated collections of emails, letters, posts, and comments from the broader group of east-side supporters.

Our objective is very simple and very clear: To make sure you understand that there is not “unified” or “overwhelming” opposition to the east-side alignment. At best you could say that the community is divided. Which means that you are not doing Encinitas any sort of favor by overriding your staff recommendation.

A large group of residents will be upset and unhappy about your decision no matter what you decide. If you override your staff then those of us who want a safe and accessible trail on the east side of the tracks will be angry and upset. If you accept the staff recommendation, then those who favor the west-side alignment will be unhappy. Please make the decision on the merits.

We are not reprising our broad-based public campaign this time around because of the cost to the community. During the first three months of 2016, the rail trail alignment issue pitted neighbor against neighbor in Cardiff. Supporters and opponents confronted each other daily. Passions ran high. As a highly visible leader of the supporters of the east-side alignment, I became a lightning rod for sentiment on the part of a core group of opponents. It got so bad that my house was actually vandalized on the night of a key City Council meeting; over $500 in damage was done. We don’t believe it’s in the interests of our community to go through all of that again.

Given the level of support we know is there for the east-side alignment, we see a pattern where a highly energized core group on the other side of the issue is making enough noise to drown out the quieter voices in support across the community. This is unhealthy and leads to a misunderstanding of the actual situation on the ground. The actual situation is that there is a deep well of support for the east-side alignment.

So, we ask you to take a step back from the furor and pressure tactics around this meeting and consider the long view and the big picture:

- The Coastal Rail Trail through Cardiff has been contemplated since 1989 and was always planned to be built inside the rail corridor until just recently

- There are no material environmental, physical, or legal constraints that would justify a deviation outside the rail corridor

- There is not unified or overwhelming opposition to the east-side alignment (there are passionate opinions on each side of the issue but that is to be expected with most public works projects)

- The proposed west-side alignment goes against the spirit and letter of the PWP and the funding for the rail trail; specifically, creating new facilities for cyclists and pedestrians vs. improving an existing facility like the current trail along Route 101

- The remainder of the Coastal Rail Trail through Encinitas will go inside the rail corridor by necessity

- And finally, the pedestrian undercrossing on Santa Fe (where the proposed west-side alignment of the CRT through Cardiff would feed the east-side alignment through the rest of Encinitas) is not engineered for the masses of cyclists and pedestrians that would cross over Rte. 101 between the two segments – while the intersection at Chesterfield Avenue will have the right infrastructure to handle that flow

Make the right decision for the entire region, not just to appease a small sub-group of Cardiff residents.

Thank you,

Michael Verdu

1405 San Elijo Avenue

Friend of the Cardiff Rail Trail

CoastalNCCPWP

From: Teresa Barth <teresabythesea@yahoo.com>
Sent: Monday, May 01, 2017 10:31 AM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: Agenda Item: Th18a

Dear Commissioners,

I am writing in agreement with the Commission staff's recommendation to DENY SANDAG's request to interpret the Public Works Plan (PWP) for the North Coast Corridor (NCC) Project to allow the Cardiff segment of the Coastal Rail Trail to go on Coast Highway 101.

As a longtime Cardiff resident, who lives in close proximity to the proposed trail, I strongly support the original alignment that placed the trail in the NCTD right-of-way on the east side of the tracks.

The original plan was consistent with prior SANDAG planning and provided a safe biking and pedestrian pathway separated from the railroad tracks and vehicle traffic. This eastside alignment would allow people, of all ages and abilities, to move safely along San Elijo Avenue and provide access to Glen Park, McPherson Park, Cardiff Elementary School and the commercial districts of Cardiff and downtown Encinitas. It would also connect with the legal and safe RR undercrossing at Santa Fe Drive.

The original plan would replace numerous invasive plants, including ice plant and castor bean, with more appropriate plant material. The eastside alignment would provide stormwater management for the area which drains into the San Elijo lagoon and Pacific ocean. The original plan also retains public parking along San Elijo Avenue.

As a former Encinitas Mayor and Councilmember, I am well aware of the challenges of balancing the wants of a vocal minority, especially in a politically charged election campaign, and the larger public benefit. Having also served on SANDAG's Regional Planning Committee I know how complex these large scale projects are and how many years of planning it takes to complete a regional plan. The Coastal Commission is tasked with looking at regional and long-term impacts. Piecemeal changes, such as what is being proposed, jeopardize the integrity of the entire plan.

In conclusion, I support the staff recommendation and encourage the Commission to direct SANDAG to move forward with the originally approved alignment.

Sincerely,

Teresa Barth
2140-K Orinda Drive
Cardiff-by-the-Sea, CA 92007

CoastalNCCPWP

From: LISA SHAFFER <lrshaffer@roadrunner.com>
Sent: Monday, May 01, 2017 9:11 AM
To: Buhr, Gabriel@Coastal
Subject: Agenda Item TH18A for May 11 Hearing

Agenda Item TH18A

I am writing in support of the Commission staff's determination that the proposed Coastal Rail Trail segment in Cardiff must be built on the east side of the railroad tracks in the LOSSAN right-of-way, in order to comply with the Public Works Plan for the North Coast Corridor project.

The decision before the Commission is NOT a popularity contest or a referendum on the preferred route. The question before you is whether there are substantive and unmitigable environmental, physical, or legal barriers that preclude SANDAG from building the trail on the east side where it was originally proposed almost 20 years ago, and where work has proceeded to the 60% design stage. If any of you vote to oppose the staff recommendation, that is what your vote will mean – that it can't be done on the east side. I have yet to see any compelling argument to support that position.

In all the correspondence and testimony, there has not been any evidence that the east side alignment is infeasible. It clearly is unpopular with some and it is highly desired by others in the community. As with any construction in an already-developed coastal area, there are challenges with either location. And the decision by the Encinitas City Council to switch to the west side (I was the one dissenting vote), made it politically challenging for SANDAG, as they tried to support the local body.

However, this is a regional facility, part of a larger regional program. The Coastal Rail Trail is not just about the preferences of a few Cardiff residents. It is about providing new infrastructure for cyclists and pedestrians, for families and friends to enjoy our beautiful coastal environment. It needs to be safe, accessible, and provide significant new capacity in order to serve as the intended active transportation component of the I-5 widening. Simply reconfiguring Highway 101, where pedestrians and cyclists already travel, is not the intent of the PWP.

You are not elected officials in Encinitas. You were appointed to look at the bigger picture and to protect the integrity of the coastal region and plans for impacting it. When you approved the PWP, and the EIR was accepted, you considered the coastal rail trail, on the east side, and deemed it good and required that it be built as part of Phase 1. Nothing physical, environmental, or legal has changed since then. All that has changed is the politics. And that's not your responsibility.

Unless you can find that the east side plan can't be built, you have an obligation to hold true to the Public Works Plan and direct SANDAG to revert to the east side alignment.

The original plan was a good one. It can still be built, and provide needed safe and attractive pedestrian and bicycle capacity to Encinitas and connect Cardiff eventually to the whole coastal facility. Your obligation is to uphold the integrity of the Public Works Plan and the public process that has already taken place, and direct SANDAG to implement the plan you approved.

Lisa Shaffer
Former Encinitas Deputy Mayor, Council member, SANDAG Board Representative

CoastalNCCPWP

From: David Bye <david_bye@yahoo.com>
Sent: Saturday, April 29, 2017 3:50 PM
To: Cox, Greg; Buhr, Gabriel@Coastal
Subject: Coastal Rail Trail - Cardiff (San Diego County) portion exception request

Dear Commissioner Cox,

I oppose the SANDAG request for an exception to the Public Works Plan to build the Cardiff segment of the Coastal Rail Trail along Route 101.
It should remain on the east side of the tracks within the rail corridor as originally proposed.

SANDAG has cited "unified community opposition" as a reason to build the rail trail on Route 101. However, many of us strongly support the east-side alignment and our voices are not being heard.

I have lived in the Encinitas since 2009. I was ecstatic when I learned about the Coastal Rail Trail planned for the east side of the railroad tracks between Encinitas and Cardiff back in 2015. Vulcan is an extremely dangerous roadway for anyone NOT in a car. There is NO bike lane, cars park illegally in all directions on a dirt berm, and if you are walking it is only for those who are fleet of foot and can navigate the many obstacles.

Therefore, most of us choose to walk on the westside of Hwy 101 which has a curb separation and bike lanes going both directions. Unfortunately, the traffic on Hwy 101 is heavy and moves quickly making this a less than desirable place for a leisurely walk or bike ride. Frankly, I would not advise anyone but experienced road cyclists to use the existing bike lanes. Approving SANDAG's request to move the CRT to the East side of Hwy101 does nothing to improve what is already available. In addition, the railroad tracks are very close to Hwy101 on a significant portion of this route. The placement of the CRT on the east side of HWY 101 makes <u>absolutely no sense</u> when the east side of the railroad tracks is available with lots of open space.

I was very disappointed when a small group of local residents began a campaign to stop the CRT trail. They were extremely vocal using incorrect facts, an email campaign without the consent of the people whose email addresses were used, bullying and physically defacing public and personal property.
Issues they presented were –

1. Fencing off beach access – This was and is currently being addressed by the city of Encinitas.

   A crossing is proposed at the Montgomery/Verdi street area and should occur about the same time the CRT is completed. NCTD has already stated they will eventually fence this stretch of rail corridor, with or without the CRT.

2. Too much pavement on CRT. Subsequent to the original plans SANDAG proposed showing all pavement, it was discovered that we do have choices of other materials and/or narrowing parts of the CRT where needed.

3. Chain Link Fence – this has already been mitigated to a post and pier fence 4 feet high which does not block any views.
4. Parking eliminated – some parking spaces in one area will be eliminated while other areas will gain parking. Adding the crossing and parking at Montgomery/Verdi area should easily offset some of the lost parking spaces.
5. NIMBY'ism – no one likes change. But the CRT is change for the better and gives access to all Encinitas residents and those visiting the area with a beautiful functional trail connecting downtown Cardiff with downtown Encinitas allowing people to move around safely without the use of a car.

The purpose of the CRT is to create a safe and separate path for walkers and bicyclists. Keeping this path away from the street intrinsically creates a much more pleasant experience. I believe a beautiful well designed trail between downtown Cardiff and Encinitas will become a loved amenity that is heavily used by everyone in the community just as the Santa Fe railroad undercrossing is now used today. It is hard to imagine that this crossing never existed a couple of years ago.

We want the rail trail on the east side of the tracks along San Elijo Avenue. We want a trail that opens up the rail corridor to people of all ages and abilities who will walk, run, push strollers, or ride bicycles between Cardiff and the rest of Encinitas. We want trails that link up with safe and legal pedestrian railroad crossings. I know that I speak for many in my neighborhood who have shared their disappointment with me when the CRT was moved to the East side of Hwy 101 by city Council in 2016.

Please vote NO on the SANDAG request to build the Coastal Rail Trail on Rte 101 through Cardiff. We want you to push SANDAG to engage with the City of Encinitas and our community to create an east-side trail that will work for all of us.

Thank you,

David Bye
1702 Swallowtail Rd
Encinitas, CA 92024

858-722-7715

Dear Coastal Commissioners:

I am a City of Encinitas resident that lives in the Cardiff Community. I am against the new pedestrian/bike trail being built on the West side of Highway 101.

As much as some of the residents want to get rid of cars and just use bicycles it's not practical. Please don't inhibit automobile traffic or cut down on parking.

The Cardiff segment of the coastal Rail Trail has been studied numerous times and discussed at multiple public hearings over a decade or more. We have had numerous false and costly starts. It's time to make the correct choice.

If you allow the pedestrian/bike trail as presented by the Encinitas city council to move ahead what happens when you get to downtown Encinitas? Do you cut down more traffic lanes and reduce parking to just one side of the street?

Highway 101 is a needed artery to move traffic. San Elijo and Vulcan Ave are a natural bike path the has less auto traffic and would be a much better alternative for a major bicycle path.

Please vote to keep the pedestrian/bike trail East of Highway 101

Thank You

Sincerely,

Robert Gattinella

CoastalNCCPWP

From: Leslie Goldberg <ljtuchman@gmail.com>
Sent: Sunday, April 30, 2017 10:38 PM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: My support for EAST side rail trail plan in Cardiff proposed by Coastal Commission

I am a Cardiff resident and I wanted to write you you to express my support for East side rail trail plan in Cardiff proposed by Coastal Commission. I would definitely use an East side rail trail for bicycling and walking for myself and my family (including my 3 children).

The East side rail trail is largely accessible from most points in Cardiff and will create a safe and convenient new transportation corridor adjacent to business areas of Cardiff. The East side trail would create a safe route to school for Cardiff Elementary students and a direct link to the business district of Cardiff.

The West side trail plan does not create a new transportation corridor and is inconveniently located from the populated areas of Cardiff. To reach the west side of the train tracks, most Cardiff residents would need to go south to cross the tracks at Chesterfield in order to go north towards Encinitas. Doubling back is something that walkers and bikers are loathe to do and would not encourage use. Additionally, since the proposed protected bike path is along the west side of 101, users from Cardiff would need to cross a dangerous intersection to access the path. To reach the west side of 101, I would need to go south along Vulcan, cross Highway 101 with 3 small children in tow on bikes and tricycles and double back to try to reach a "safe path". This is so onerous that it ensures I would never use a West side trail.

Please vote to continue the Coastal Commissions support of an East side rail trail in Cardiff.
Sincerely,
Leslie Tuchman

CoastalNCCPWP

From: Joan Gosewisch <joan.gosewisch@earthlink.net>
Sent: Sunday, April 30, 2017 11:48 AM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Cc: Joan (Home)
Subject: Rail Trail - Encinitas

Honorable Commissioners,

I am a 32 year resident of the city of Encinitas. I love my fair city, but sometimes I don't think the governing entity is fair.

I support the placement of the Rail Trail on the East Side of the tracks as was originally approved by SANDAG, California Coastal Commission and the Encinitas City Council.

After Council approval of the East Side, a very vocal contingent of Cardiff residents began the campaign to re-align to the West Side. This group lobbied the City Council for a change in alignment almost immediately. Feeling the pressure, then Council Member Blakespear, who was running for Mayor at the time, worked to change the original vote to the West Side. Catherine Blakespear is also a resident of Cardiff.

After observing this group's positions on other issues faced by the city, it appears their motivation is to keep Cardiff to themselves.

One of their issues is they do not want a fence along the tracks. They want to be able to cross the tracks at any time and at any place along the rails. In fact, I have heard several Cardiff residents say that if NCTD erects a fence, they will just cut a hole in it.

They don't want a vehicle crossing at Birmingham because, and I quote, 'that would only encourage people from other communities to come to our beaches.' I thought Coastal Access for all was a paramount objective of the California Coastal Commission.

I enjoy walking along the Solana Beach portion of the SANDAG Rail Trail. I want to be able to do the same within my city of Encinitas. I occasionally walk the existing path along Coast Hwy between Swamii's and Cardiff Beach. Even though the view of the ocean is spectacular, the noise and fumes from the Hwy 101 auto and bus traffic makes it unpleasant. A Rail Trail on the East Side of the tracks would provide the same amazing ocean view without the hazardous fumes from the adjacent highway.

Moreover, if a West Side trail was placed up to either Swamii's or Santa Fe Ave, where would it go from there? Through downtown? East Side placement allows for one continuous path from San Elijo Lagoon to Batiquitos Lagoon – the entire length of our city.

I respectfully request the California Coastal Commission reject Mayor Blakespear's request for a West Side alignment and keep the East Plan in place and commence construction as soon as possible.

Most Respectfully,

Joan Gosewisch

Encinitas

Joan.gosewisch@earthlink.net

CoastalNCCPWP

From: Jerry Peters <petersjer@gmail.com>
Sent: Thursday, April 27, 2017 5:54 PM
To: Buhr, Gabriel@Coastal
Subject: Bike lanes

Shared bike lanes in both directions for 1.3 miles along Hwy 101 in Cardiff is not a good idea. I can see the bikers crossing the Hwy and creating a traffic hazard cutting in front of cars & trucks. I bike this route daily and fine it safe and very adequate. I see this proposal as a waste of monies without creating any benefits.

--
JERRY PETERS
760 420 3600
Fax: 760 753 2181

CoastalNCCPWP

From: Lynn Autumn <boxofpoems@gmail.com>
Sent: Tuesday, May 02, 2017 3:24 AM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Subject: Permit # NCC-NOID-0001-17; railtrail bike/ped lane better thru Leucadia, not Cardiff

I have lived in North County, in Encinitas, since 1978. My grandmother was born in Old Town San Diego.

I agree with CCC staff; it could be redundant to place the railtrail corridor on the west side of Highway 101 highway, as there is already a separated bike/ped lane there, in Cardiff. However, this shouldn't be an "either/or choice." That is the Black or White Fallacy, in logic.

A better alternative would be to explore placing the bike/ped lane on the west side of the RR tracks, in Leucadia, NOT in Cardiff.
Leucadia, along the RR tracks and Highway 101, doesn't already have a bike/ped lane separated from the highway.

Cardiffians and many others who visit our local beaches, do not want the bike/ped lane on the east side of the tracks, as it would destroy a wildlife corridor, and the fencing would block off beach access for many adjacent residents.

The City of Encinitas has been awarded grant funding in the amount of
$4.6 Million for a bike/ped RR crossing at El Portal, which is in Old Encinitas, bordering Leucadia. A bike/ped lane in the railtrail corridor, adjacent to that crossing, going north, through Leucadia, would be a welcome and much needed part of the Safe Routes to School program/policy, that would help those living west of Highway 101 get to Paul Ecke Central School, or to Orpheus Park, which is just behind PEC. This placement would also allow bicyclists a much safer alternative than riding in traffic on what has traditionally been a busy street, Historic State Highway 101, a major arterial and an essential part of our circulation element in our General Plan, the North 101 Specific Plan and our LCP.

An essential part of our Encinitas Bicycle Masterplan Update includes a railtrail corridor bike/ped lane to extend all the way through Leucadia. Again, since Cardiff already has a bike/ped lane, SEPARATED from the highway, it makes logical sense to redirect the money that was to go to a west side alignment, in Cardiff, to designing and building a bike/ped lane along the 101/railtrail corridor in Leucadia.

Forcing an east side alignment, in Cardiff, truly doesn't make good sense, when the citizens here, overwhelmingly have expressed that is not what we want or need. I don't think it's the role of the CCC to force unwanted improvements on an unwilling general public, when those improvements are not in the best interests of the entire community, nor our native habitats, our environmental heritage, or beach access/egress.

Importantly, an east side alignment, in Cardiff, would further block traditional access and egress points, as well as parking for those wishing to go to the beach, using the Santa Fe underpass, or those wishing to just park and watch the sunset, or access parking for their homes, or our friends' homes.

If you do not grant a permit for the west side alignment, in Cardiff, please consider recommending railtrail corridor improvements further north, through Leucadia, rather than forcing an east side alignment, in Cardiff, on our city and on us citizens, against our will, and against our best environmental interests.

Thank you for your consideration, your understanding, and your service.

Lynn and Russell Marr
434 La Veta Avenue
Encinitas, CA 92024

760-436-0129

CoastalNCCPWP

From: rfhemphill@cox.net
Sent: Wednesday, May 03, 2017 10:33 AM
To: Buhr, Gabriel@Coastal
Subject: Cardiff segment of the Coastal Rail Trail

Dear Commissioner Buhr,

I am an Encinitas citizen, living in the Leucadia portion of the city. Nonetheless, I have a strong interest in making sure that whatever work is done to advance any coastal trail makes sense for the community and is safe and usable. The purpose of this message is to express my opposition to putting a section of the trail on Route 101, possibly the busiest portion of any north/south highway in the city, and the least safe. I recommend that you oppose the SANDAG request for an exception to the Public Works Plan to build the Cardiff segment of the trail along Route 101. Frankly, I am mystified as to why the decision was made, well after the fact, to put the trail here rather than leave it on the east side of the tracks within the rail corridor which was the initial and sensible design.

I don't ever ride my bicycle on the coast highway, for the simple reason that I don't have a death wish. Perhaps if I contract stage 4 pancreatic cancer I will then be motivated to do so, but until then, no: it's simply not safe. Bicycles and cars don't mix well; when they do, the bikes and their riders loose. Safe bicycle riding needs separate lanes, PHYSICALLSY SEPARATE, for the bicycles. The east side alignment of the trail accomplishes this important goal, putting the "trail" on the 101 clearly does not. Why not just put it on the I-5 freeway? That would make just about as much sense. Especially since there is an easier and safer alternative, one that doesn't constrict hiway 101.

You will hear that there was "unified community opposition" to the east side route. This is complete nonsense. Many of us in Leucadia believe that putting the trail on the east side would be the clear best choice, and would enable us to use it more. We cannot now ride a bike safely to Seaside Market, one of our favorite destinations. An east side trail would allow us to do so. And while we're at it, let's make it handicapped accessible. I see no reason why a Marine serving his country who lost his legs in Afghanistan should be unable to use this trail in his wheel chair.

I would appreciate your support for the east side alignment when this matter comes to a vote. An east side alignment is a far better choice than putting the trail on highway 101.

Sincerely,

Robert F. Hemphill
188 West Glaucus St
Encinitas, CA 92024

CoastalNCCPWP

From: CHARLIE SOUGIAS <csougias@mac.com>
Sent: Sunday, May 07, 2017 3:37 PM
To: Buhr, Gabriel@Coastal
Subject: Rail trail Encinitas

I live work and own property in Encinitas and Cardiff. I urge you to stay with original approval of rail trail on the east side of the tracks. As a previous Dema board member we all approved the east side years ago. Please stay with the east side of tracks improvements.
Thank you.

Charlie Sougias

CoastalNCCPWP

From: Nathan Rosenblatt <nathan@emailnathan.com>
Sent: Tuesday, May 09, 2017 3:57 PM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: East side rail trail is an important community opportunity

Dear Commissioners;

Don't be short sighted by those who are only concerned with their self-interests.
The plan for the east-side alignment of the rail trail would open up the rail corridor to people of all ages and abilities.
Walkers, runners, and cyclists would have safe and easy access to the beach, Cardiff market areas, and downtown Encinitas.
Serious accessibility and safety issues along San Elijo Avenue can be realistically addressed.

Citizens need to think beyond their own backyards and property lines. Please don't let this opportunity for the community be led astray.

nathan rosenblatt
nathan@emailnathan.com
(760) 525-4906

CoastalNCCPWP

From: Ron Dodge <ron.dodge@earthlink.net>
Sent: Tuesday, May 09, 2017 2:15 PM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: Regarding May Agenda Item - Encinitas/Cardiff Coastal Rail Trail - NCC-NOID-0001-17

Dear Honorable Commissioners and Staff,

I am a 32-year resident of Encinitas who is engaged in the civic issues and governance activities of our city and I support your voting to continue with the east side Coastal Rail Trail alignment.

The very name for this segment of the coast, "Pipes," tells one there is a problem with this segment of sea-cliffs. A 1958 sea-cliff failure and landslide between Sea Cliff County Park (also known as Swami's) and Cardiff State Beach resulted in the collapse of a portion of then US Highway 101 (what is now designated Coast Highway 101) and the loss of one traffic lane for 300 feet (1).

This was some time before I-5 when US 101 was the highway link between San Diego and Los Angeles. Underground drains were installed along the railroad tracks in 1960 to drain groundwater from inland sources and were connected to pipes running down the cliff (1). The cliff was cut back and armored with rocks at its base, many of which were scattered by subsequent storms, such as happened in 1983 (1). It seems this groundwater drainage system is the namesake for "Pipes" beach.

I located this information while researching this section of the cliffs and highway. Some time ago, my interest had been piqued by the atypical contour of the cliffs between Swami's and Cardiff State Beach particularly when observed from Swami's parking lot. The cliff contour was not typical for this area. It appears more typical of a sloping highway right-of-way fill or embankment. Moreover, I was particularly curious about why the guard rail on the west side along this same stretch of 101 appeared to have been relocated eastward about eight feet (8') into the roadway away from the cliff's edge.

There is contiguous asphalt curb along the western, cliff-top edge of the walkway. This was likely installed sometime after the 1958 landslide and lane loss which would have also destroyed at least 300 feet of any such curbing along with the lost traffic lane. There are "holes" in the edges of the pavement and asphalt curbing along this west edge of the walking path pavement, along the cliff top that appear to indicate the guard rail had also been rebuilt there after the 1958 slide. Moving the guard rail to facilitate the pedestrian walkway seemed a noble civic accommodation, but not necessarily a motivator for the relocation and additional right-of-way-loss.

Further, the pedestrian walkway shows numerous cracks and slopes slightly downward toward the cliff side. Approximately mid-course between Swami's and Cardiff State Beach there is significant asphalt patching in the walkway. At the same location, steel pilings have been driven to support an approximately six foot (6') high plank retaining wall immediately at the edge of the walkway asphalt; seemingly to prevent further erosion and cliff collapse. It seems more likely the guard rail was relocated eastward sometime after the initial slide due to continued failure of the cliff along this section of highway.

This cliff is neither another Pacifica nor a Point San Pedro Devil's Slide, but our coastline has had its share of cliff failures over time. Cliff failure is an ongoing concern for residents and recreationists alike. In the early 1900s, when the railroad was rerouted onto the cliffs in Del Mar, it is reported that several deadly accidents occurred when trains fell from the cliffs (2)(3). Recently, a section of these cliffs collapsed again. The Self-Realization Fellowship's temple collapsed when a

cliff failed in the 1940s, a woman died when a cliff near Moonlight Beach collapsed in 2000, and there are ongoing issues and litigation with cliff failures all along our city's coastal cliffs. Further, rising sea levels accompanying climate change will only cause further cliff erosion and failures

It is imprudent and unsafe to invest in new, extensive facilities on this historically, and quite apparently continuously, vulnerable and unstable cliff-top. I hope you find this information informative and useful in deciding to implement the approved east side alignment and abandon the risky west side of Coast Highway 101 alignment.

Best regards,
Ron Dodge

744 Lotus Blossom Street
Encinitas, CA 92024

(1) Sea Cliffs, Beaches, and Coastal Valleys of San Diego County
Gerald G. Kuhn, Francis P. Shepard
University of California Press
1984
Page 93

(2) ibid
Page 103

(3) Living with the Changing California Coast
Gary Griggs, Kiki Patsch, Laurent Savoy
University of California Press
2005
Page 499

As of 4/26/17, the Commission has received approximately 1,380 form e-mails identical or nearly identical to the subject e-mail

CoastalNCCPWP

From: chris swanner <chrisswanner@mail187-22.suw11.mandrillapp.com> on behalf of chris swanner <chrisswanner@gmail.com>
Sent: Tuesday, November 10, 2015 1:45 PM
To: CoastalNCCPWP
Subject: Cardiff Rail Trail

Categories: Orange Category

Dear Steve Kinsey and Staff:

I'm a resident in the Encinitas area of San Diego County, and I write to request that the California Coastal Commission deny approval to the City of Encinitas, SANDAG, CalTrans, NCTD and any other involved governmental agency in their effort to implement the Encinitas portion of the Coastal Rail Trail, which is incorporated as a project within the Interstate 5 North Coast Corridor Public Works Plan/Transportation and Resource Enhancement Program ("PWP/TREP"). Although the California Coastal Commission ("CCC") already approved the framework of the PWP/TREP in 2014, implementation of this large scale project is subject to CCC oversight and incremental, phased approval, and thus the Coastal Rail Trail is still under the regulatory oversight of the CCC. I stand with fellow neighbors and residents, as well as those who visit our exceptional city, to stop any implementation of the Coastal Rail Trail before it negatively and irreparably damages the integrity and utility of our coastal environment.

The residents of Encinitas and Cardiff by the Sea appreciate an outdoor lifestyle in a delicate coastal zone prone to adverse development and exploitation, acts that prompted the creation of the California Coastal Act and the CCC. We feel that we are highly involved stewards of the environment because of our intimate connection with the ocean and the fact that we are so directly impacted by its neglect. Likewise, as reasonable contributors to our society, we support safe, clean transportation options that enrich our lives through enabled mobility, be it automobile, bicycle, walking or other multi-modal methods. In fact, any resident of this coastal area who opts to utilize non-vehicular modes of transportation along the San Elijo and Vulcan Avenue Rail Corridor do so frequently, regularly and safely (based on nearly zero traffic/pedestrian/bicyclist related incidents along the corridor in any period), and nearly all do so satisfied with the street and shoulder infrastructure presently in place.

The vision of the CRT in meeting the multi-modal ambitions of the PWP/TREP do not, therefore, accrue to the benefit of the public, as advertised by our local political leaders, but more accurately accrue to the ambitions of individuals seeking permanent monuments, legacies, pet projects and career springboards. In and of itself, this politicized ambition is a bad recipe for policy, but the CRT has numerous counterproductive effects that will adversely impact the lives of coastal residents and visitors, and it is up to the CCC to protect against these coastal impacts. The vision of the City Council and SANDAG of the Coastal Rail Trail on this delicate corridor represents a threat to the natural beauty and character of Encinitas and Cardiff and will significantly and negatively impact the lives of local residents while advancing the interests of a very limited few. Among my and my community's objections to the Coastal Rail Trail are the following:

- The Coastal Rail Trail fences off time-honored access to local beaches, literally creating a fence along the entire San Elijo and Vulcan Avenue corridor from E Street to the Chesterfield crossing, leaving very limited access for residents and visitors trying to access the beach on foot.

- The Coastal Rail Trail greatly reduces access to already depleted free parking near the coast and favorite beaches, forcing families and others to seek limited alternative parking on Hwy 101, clog up parking on coastal neighborhood streets, or pay money to utilize the beachside parking along and adjacent to the campgrounds. Residents who currently accommodate delivery truck services, construction personnel, sanitation service, and day to day visitors

will have their parking moved or completely taken away, exacerbating conflict arising from illegal parking and endangering motorists and bikers.

- The Coastal Rail Trail proposes an at-grade train crossing near Montgomery that will exacerbate the train noise and horn noise in the heart of our city, right next to our Elementary School, just as the NCTD's initiative to double the track is leading to significantly higher train traffic through our community.

- The Coastal Rail Trail will concrete over and gentrify the natural, scenic coastal landscape and close off open areas that serve dog walkers and others who use these areas daily.

- The Coastal Rail Trail creates safety challenges and intensifies hazards to homeowners along the corridor, sanitation personnel, delivery trucks and our first responders. Paramedic services from at least three dispatch areas regularly utilize San Elijo and Vulcan Avenues on emergency calls. Residents along San Elijo Avenue will have to contend with increased bike traffic when using their driveways, as will our Firefighters as they head to emergency calls.

- The Coastal Rail Trail impacts and slows our ability to drive along our city's main thoroughfare, San Elijo Avenue, because the Southbound lane is slated to convert into a auto/bike shared lane (sharrow) and a painted bike lane will be added to the Northbound lane, despite the fact that the Rail Trail itself is supposed to be a dedicated multi-use path.

- The Coastal Rail Trail raises a multitude of other concerns, such as lighting along the trail corridor that not only affect nearby residents, but will draw undesired night visitors and lead to increased noise complaints, loitering, public drinking, vandalism and potential increases in home crimes (as evidenced by crime statistics adjacent to the Encinitas Community Park), potentially increasing city expenditures to address public safety issues.

- The Coastal Rail Trail allocates massive budgetary resources toward misguided and redundant biking and walking paths that already exist on Hwy
101 and can be accomplished more cost effectively by simply improving or expanding the existing biking and walking infrastructure.

On May 20th, 2015, the Encinitas City Council elected to pass a measure calling for the design and construction of the Coastal Rail Trail to proceed on San Elijo and Vulcan Avenues, as opposed the alternative option of enhancing existing infrastructure on Coast Highway which would have minimized the Coastal Rail Trail's impact. Along with the approval and advancement of the overarching PWP/TREP, the foundation is in now place for the Coastal Rail Trail to obtain priority status and commence development if it is not stopped by the CCC. I respectfully urge the CCC to take steps now, before local and regional governmental agencies come to it for consideration and approval, to stop the Coastal Rail Trail before it has a chance to start.

Respectfully yours,
chris swanner
1659 San Elijo Ave
Cardiff by the Sea, Calif 92007

City of Encinitas

from the desk of Mark Muir

April 25, 2017

California Coastal Commission

RE: Encinitas Highway 101 Coastal Rail Trail

Dear California Coastal Commissioner,

As a Council Member on the City of Encinitas City Council I staunchly support construction of the Coastal Rail Trail on Highway 101 through Cardiff. No other jurisdiction or group has spent the money, time, and effort to understand the issues related to locating the rail trail in our community. Our City staff and elected officials have carefully reviewed all available options over many years. Numerous public hearings have been held and we have concluded that Highway 101 is the best solution for the Coastal Rail Trail in our community.

The City's commitment to the Highway 101 alignment is clear and unmistakable. In fact, the City Council has gone to the extent of agreeing to share preliminary costs with SANDAG if the Highway 101 alternative is not approved. There is also an additional $1 million in State grants that would be lost to the City, if the project does not move forward. The City understands the stakes are high and that is why we are confident that when the Commissions reviews all the facts, as the City has, you will support the Highway 101 alignment.

We are convinced after extensive review that Highway 101 more than any other alternative will improve coastal access, preserve coastal open space and the natural environment, protect coastal native plants and animals, increase safety for the most number of people, and will cost significantly less than other alignments.

The argument that Highway 101 through Cardiff is not consistent with the regional Public Works Plan (PWP) is very difficult to understand because we see that substantial portions of the Coastal Rail Trail is or will be located on Highway 101 in our adjoining coastal neighbor cities of Solana Beach, Carlsbad, Del Mar, and Oceanside. In any case, we believe that the Commission has sufficient discretion to find Highway 101 complies with the PWP.

Please join the Encinitas City Council in approving the Highway 101 alignment through Cardiff and help us move this important project forward.

Sincerely,

Mark Muir
Council Member
City of Encinitas

CC: Gabe Buhr, Coastal Program Manager, California Coastal Commission

Tel 760/633-2600 FAX 760/633-2627, 505 South Vulcan Avenue, Encinitas, CA 92024 TDD 760/633-2700

CoastalNCCPWP

From: chris swanner <coastalrailtrail@gmail.com>
Sent: Thursday, April 20, 2017 1:16 PM
To: Faustinos, Belinda@Coastal; Brownsey, Donne@Coastal; Turnbull-Sanders, Effie@Coastal; Howell, Erik@Coastal; Cox, Greg@Coastal; Vargas, Mark@Coastal; Uranga, Roberto@Coastal; Orr, Trent@Coastal
Cc: Buhr, Gabriel@Coastal; CoastalNCCPWP
Subject: Why You Should Vote YES on SANDAG's Coast Hwy Plan through Cardiff
Attachments: Cardiff Rail Corridor Native Plant Survey 1 Intro.pdf

Dear California Coastal Commissioner,

Why You Should Vote YES on SANDAG's Plan to Build the Coastal Rail Trail Along Coast Highway 101

As you know almost all native, natural coastal areas in Southern California have been lost to development, and the plants and animals that have uniquely evolved to live in this coastal environment are now struggling to avoid extinction. That is why protecting the undeveloped strip of railroad right-of-way through Cardiff, the only natural coastal area remaining in the City of Encinitas, is so important. It is a unique, critical habitat for a plant community that is a small remaining fragment of the Southern California ecosystem.

California Native Plants Surveyed and Cataloged

In January 2016 a survey was conducted of the native plants and sensitive habitat located within the Cardiff Rail Corridor by a State of California Environmental Scientist and a licensed Landscape Architect. This report was given to the California Coastal Commission shortly after and is still available for viewing. There are three sections of the report, an Intro Sheet (also attached to this email) with a species list, a set of plans showing the location of the various species found in the Corridor, and an index of photos taken from the area. All can be viewed or downloaded here: Cardiff Rail Corridor Native Plant Survey.

The survey found that the Cardiff Rail Corridor is home to 12 species of native Maritime Chaparral flora, 9 species of Coastal Succulent Habitat flora, 5 species of Semi-Riparian Habitat (possibly vernal pools) flora, and 4 species of Coastal Wetland Habitat flora. It is also quite likely that additional native threatened plants will be found in a second seasonal survey. Many of these plants are sensitive and/or threatened species. Already severely stressed due to habitat loss, these plants face existential threat from climate change, drought, and invasive species.

CEQA and the Coastal Rail Trail

If the Coastal Rail Trail is built within the Cardiff Rail Corridor instead of Highway 101, it will cause needless destruction of unique sensitive and threatened coastal plant communities. Destruction of protected habitat is not allowed under CEQA, particularly when a more effective alternative exists that has no environmental impacts. Please note that the Highway 101 alignment, which SANDAG is seeking approval of, is categorically exempt under CEQA because it does not have any potential for negative environmental impacts.

Please help our community protect the coastal environment and find that the destruction of critical coastal habitat and unique sensitive and threatened plant species is an environmental constraint in the rail right of way and approve the Highway 101 alignment.

Signed,

Preserve Cardiff Rail Corridor

Joe Alkhas

1455 San Elijo Ave.
Cardiff, CA 92007
Paul Gaspar
748 Lynwood Dr.
Encinitas, CA 92024

Rich Kelso
1613 San Elijo Ave.
Cardiff, CA 92007

Bill Lawson

2129 Sea Village Circle

Cardiff, CA 92007

Rich Risner
1574 Rubenstein Ave.
Cardiff, CA 92007
Chris Swanner
1659 San Elijo Ave.
Cardiff, CA 92007

Ed Thielicke
1615 San Elijo Ave.
Cardiff, CA 92007

Julie Thunder
1805 Westminster Dr.
Cardiff, CA 92007
Sean Wright
1657 Verdi Ave.
Cardiff, CA 92007

Cardiff Rail Corridor Native Plant Survey
January 23, 2016

On January 22, 2016, a Native Plant and Sensitive Habitat Survey was conducted by a State of CA Environmental Scientist and Licensed Landscape Architect to determine impacts of developing the East-side alignment of the Coastal Rail Trail in Cardiff. This area, from E Street to Chesterfield Drive, is known as the last remaining natural coastal habitat area East of the railroad track corridor throughout the City of Encinitas/Cardiff. The impending destruction of natural habitat with dozens of species was a key factor causing the vast majority of Encinitas citizens and the Encinitas City Council to oppose the East-side alignment. A short list of some of the native plant species is outline below:

San Diego coastal sage & chaparral ecoregions

Maritime Chaparral Habitat

California Sagebrush	Artemsia californica
Coastal Saltbush	Atriplex californica
Coyote Brush	Baccharis spp.
Mule fat	Baccharis salicifolia
Encinitas Baccharis	Baccharis vanessae (needs verification, on CESA list)
Cane Bluestem	Bothriochola barbinodis
Monkey Flower	Diplacus spp. or Mimulus spp.
Salt Grass	Distichlis spicata
Coast Sunflower	Encelia californica
Coastal Buckwheat	Erogonum spp., fasciculatum
Toyon	Heteromeles arbutifolia
Deerweed	Lotus scoparius
Laurel sumac	Malosma laurina
Manroot	Marah fabaceus
Lemonade Berry	Rhus integrifolia
California Sage	Salvia spp.
Mexican Elderberry	Sambucus
Plus many others	

Coastal Succulent Habitat

San Diego Sagewort	Artemisia palmeri
Alkali weed	Cressa truxillensis
Ladies' fingers	Dudleya edulis
Lanceleafe liveforever	Dudleya lanceolata
Chalk Dudleya	Dudleya pulverulenta
Tarweed	Hemizonia faciculata
California Boxthorn	Lycium californicum
Coast Prickly-pear	Opuntia littoralis
Coastal Cholla	Opuntia prolifera
Plus many others	

Semi-Riparian Habitat (possible vernal pool)

Yerba Mansa	Anemopsis californica
Owl's Clover	Castilleja campestris succulenta (needs verification, on CESA list)
Western Marsh Cudweed	Gnaphalium palustre
Arroyo Willow	Salix lasiolepis
Purple Needle Grass	Stipa pulchra
Purple Nightshade	Solanum xanti
Plus many others	

Coastal Wetland Habitat

Jepson's button Celery	Eryngium aristulatum
Spiny Rush	Juncus acutus
California Watercress	Nasturtium officinale
Slender Cat-tail	Typha domingensis
Plus many others	

As of 4/26/17, the Commission has received 10 e-mails that are identical or nearly identical to the subject one.

CoastalNCCPWP

From: Sol Computer <sales@solcomputer.com>
Sent: Saturday, April 15, 2017 11:41 AM
To: CoastalNCCPWP; Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: Coastal Rail Trail

Dear Coastal Commissioner :

I strongly support and request for your support to approve the Highway 101 alignment for the Cardiff portion of the Coastal Rail Trail. (Segment 39C, From Chesterfield Drive in Cardiff to 'E' Street in Encinitas.
Thank You

Virus-free. www.avast.com

As of 4/26/17, the Commission has received 5 e-mails that are identical or nearly identical to the subject one.

CoastalNCCPWP

From: Dan Swanner <dan@swannerpt.com>
Sent: Monday, April 17, 2017 5:04 PM
To: CoastalNCCPWP; Cox, Greg@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: Encinitas Rail Trail

Dear Coastal Commissioner :

My name is Dan Swanner, I live at 283 E Villanova Rd., Ojai, CA 93023. I strongly support and request for your support to approve the Highway 101 alignment for the Cardiff portion of the Coastal Rail Trail. (Segment 39C, From Chesterfield Drive in Cardiff to 'E' Street in Encinitas.)

Why Highway 101 and Not East of the Rail Road Tracks?

- Because, Highway 101 improves beach access; it's where people want to ride, walk, run, meet friends, take selfies, and watch the sunset;

- Because, the Highway 101 project adds a bike lane in the southbound direction, adjacent to the day-use parking and campgrounds;

- Because, the Highway 101 alignment is preferred by an overwhelming majority of the community;

- Because, the Highway 101 alignment will make it much safer for many more cyclists, pedestrians, runners, etc. than the alternative east San Elijo Ave. option;

- Because unlike the east side the Highway 101 alignment will not reduce beach access or parking;

- Because Highway 101 will not have to pave over an existing open space natural area or destroy native plants and habitat;

- Because the Highway 101 alignment will cost substantially less than the east option.

The Cardiff segment of the coastal Rail Trail has been studied numerous times and discussed at multiple public hearings over a decade or more. We have had numerous false and costly starts, but we now have a clear picture of the needs of the community, a plan to accommodate the various stakeholder groups, and most importantly a funding source.

The proposed plan is a consensus of the Cardiff community, City, and regional agencies to:

(1) Construct the regional coastal rail trail project on Highway 101 now.

(2) As additional funding becomes available, add a below grade railroad crossing near Verdi Av., for safe pedestrian access through the rail corridor to the beach.

(3) Work with the City to provide community improvements along San Elijo Ave with a low-impact-design to help accommodate safe local travel for cyclists and pedestrians throughout our coastal communities.
Please help our Cardiff community move forward by approving the Highway 101 alignment for the Coastal Rail Trail.

Sincerely,

Dan Swanner, DPT

CoastalNCCPWP

From: Jim Benedetti <jim@jpbla.com>
Sent: Saturday, April 15, 2017 8:04 AM
To: CoastalNCCPWP; Cox, Greg@Coastal; 'staff member'; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; Garcia-Erceg, Nidia@Coastal
Subject: Coastal Rail Trail Cardiff by the Sea, Encinitas

Dear Coastal Commissioners:

I am an Encinitas resident, Registered Landscape Architect, Member of the City of Encinitas Coastal Mobility and Livability Committee and Chairman of the Board for the Encinitas Chamber of Commerce. I have lived in Encinitas for 19 years.

I strongly support and request for your support to approve the Highway 101 alignment for the Cardiff portion of the Coastal Rail Trail. (Segment 39C, From Chesterfield Drive in Cardiff to 'E' Street in Encinitas.)

<u>Why Pacific Coast Highway 101 and the Not East of the Rail Road Tracks?</u>

- Because, Highway 101 improves beach access; it's where people want to ride, walk, run, meet friends, take selfies, and watch the sunset;
- Because, the Highway 101 project adds a bike lane in the southbound direction, adjacent to the day-use parking and campgrounds;
- Because, the Highway 101 alignment is preferred by an overwhelming majority of the community;
- Because, the Highway 101 alignment will make it much safer for many more cyclists, pedestrians, runners, etc. than the alternative east San Elijo Ave. option;
- Because unlike the east side the Highway 101 alignment will not reduce beach access or parking;
- Because Highway 101 will not have to pave over an existing open space natural area or destroy native plants and habitat;
- Because the Highway 101 alignment will cost substantially less than the east option.

The Cardiff segment of the Coastal Rail Trail has been studied numerous times and discussed at multiple public hearings over a decade or more. We have had numerous false and costly starts, but we now have a clear picture of the needs of the community, a plan to accommodate the various stakeholder groups, and most importantly a funding source.

The proposed plan is a consensus of the Cardiff community, City, and regional agencies to:

1. Construct the regional coastal rail trail project on Highway 101 now.
2. As additional funding becomes available, add a below grade railroad crossing near Verdi Av., for safe pedestrian access through the rail corridor to the beach.
3. Work with the City to provide community improvements along San Elijo Ave with a low-impact-design to help accommodate safe local travel for cyclists and pedestrians throughout our coastal communities.

Please help our Cardiff community move forward by approving the Highway 101 alignment for the Coastal Rail Trail.

Sincerely,

James P. Benedetti
Landscape Architect
CA Reg, #3058, AZ Reg. #42616
JPBLA, Inc.
4403 Manchester Ave #201
Encinitas, CA 92024
760-479-0644
www.jpbla.com
http://www.houzz.com/pro/jpblainc/jpbla-inc

CoastalNCCPWP

From: Medical Motion <info@medicalmotion.pro>
Sent: Saturday, April 15, 2017 11:52 AM
To: CoastalNCCPWP; Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: Coastal Rail Trail

Please approve the Coastal Rail Trail in Encinitas,
Thank you

Virus-free. www.avast.com

CoastalNCCPWP

From: Kelly E Lawson <kelawson@uw.edu>
Sent: Thursday, April 20, 2017 7:30 PM
To: Cox, Greg@Coastal
Cc: Buhr, Gabriel@Coastal
Subject: VOTE YES

Please Vote Yes Commissioner Cox! I have lived in Cardiff my entire life, and I support the West Side.

-Kelly Lawson

CoastalNCCPWP

From: bill@lawsonfive.com
Sent: Thursday, April 20, 2017 7:10 PM
To: Cox, Greg@Coastal
Cc: Buhr, Gabriel@Coastal
Subject: highway 101 Cardiff Rail Trail

Supervisor Cox,
I am in full support of the SANDAG proposal to place the Rail Trail through Cardiff on the West Side, on Highway 101. I **DO NOT** want it next to the RR tracks on the East side.
Thank you,
William Lawson
2129 Sea Village Circle
Cardiff, CA 92007

CoastalNCCPWP

From: Sandy Coventry <scoventry@wateridgebenefits.com>
Sent: Wednesday, April 26, 2017 1:51 PM
To: Cox, Greg@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; Buhr, Gabriel@Coastal
Cc: kurtkremer@yahoo.com
Subject: Please approve the SANDAG Plan to build the rail trail along Coast Highway 101

Hello: We live within one block of the railroad tracks where some of the former City of Encinitas Council had previously proposed a rail trail on the East side of the tracks on one of the very FEW REMAINING open space areas. That would be a travesty to build on the East side of the tracks, where one of the most beautiful natural open spaces still exists.

Please vote to approve the SANDAG plan to build the rail trail West of the tracks on Highway 101, as there is already a trail there, and there and it is already pavement. The Hwy 101 alignment is more a much more cost-effective option, and it aligns better with the Solana Beach Coastal trail.

Thank you!

Sandy Coventry and Kurt Kremer
1592 Summit Ave.
Cardiff, CA 92007

CoastalNCCPWP

From: Coastal Rail Trail <coastalrailtrail@gmail.com>
Sent: Saturday, April 15, 2017 11:46 AM
To: CoastalNCCPWP; Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: Encinitas Rail Trail

Dear Commissioners:

Please approve the Coast Hwy Rail Trail on your vote May 11th.

Thank you,

No Rail Trail Group

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CoastalNCCPWP

From: Lynn Fleschutz <lfleschutz@cox.net>
Sent: Friday, April 21, 2017 10:54 PM
To: Cox, Greg@Coastal
Cc: Buhr, Gabriel@Coastal
Subject: SANDAG Coastal Rail Trail

Hello Mr. Cox,

I am writing to voice my enthusiasm for the proposed SANDAG CRT Plan along 101 in Encinitas. As a resident who is concerned about safety, growth and the protection of open space, I feel this plan is the best way of continuing the coastal bike route through my town. This section of the coast highway is in desperate need of beautification and maintenance -- rough asphalt, too narrow a lane on west side for walkers and bikers, old, dangerous guardrail on west side.

Also, if this issue has not been addressed as part of the plan, I suggest that the urine and rodent-filled, landscaping on west side be replanted with native landscaping that also helps with bluff retention.

In reviewing the renderings online, it appears that with this plan, the existing route will be much more pleasant and safe for pedestrians and cyclists. I think it will also be able to handle a larger volume of people. I also like that all the parking in the area will remail free and open to the public - surfers, walkers, tourists, families, etc. -- further encouraging use of this stretch of open coastline.

Thank you for considering my input and I look forward to seeing the project approved and completed.

Sincerely,
Lynn Fleschutz
760.809.7971

CoastalNCCPWP

From: @ <preserveCRC preservecardiffrailcorridor@gmail.com>
Sent: Saturday, April 15, 2017 11:55 AM
To: CoastalNCCPWP; Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: Coastal Rail Trail

Dear Commissioners

Please vote for the Coastal Rail Trail west side alignment.

Thank you,

Preserve Cardiff Rail Corridor

--

Preserve Cardiff Rail Corridor
Like us on FB @preserveCRC
Tweet with us @preserveCRC
preservecardiffrailcorridor.com
preservercardiffrailcorridor@gmail.com
760-310-6366

CoastalNCCPWP

From: clarice hokanson <claricehokanson@gmail.com>
Sent: Monday, April 17, 2017 10:23 AM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal
Subject: Rail crossing / 101 Cardiff upgrade

Please vote yes for the Rail crossing at Verdi and San Elijo.
We need to have crossings for surfers and pedestrians going to the beach.

We need the 101 upgrades!

Thank you,
Clarice

CoastalNCCPWP

From: Jan Kaufman <jank@jklegalservices.com>
Sent: Wednesday, April 26, 2017 11:45 AM
To: Cox, Greg@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; Buhr, Gabriel@Coastal
Subject: Coastal Rail Trail - Encinitas

Ladies and Gentlemen:

I am a resident of coastal Encinitas. I am writing to urge you to approve the improvements for the Coastal Rail Trail on Highway 101 through Encinitas. The segment in question is currently highly dangerous for bicycling, even for experienced and serious riders and even more so for the casual rider. It would be such an amazing improvement to our community to be able to enjoy that stretch of the 101 without being afraid for one's life while doing so.

Thank you for your time and consideration.

Sincerely,

JAN KAUFMAN
JK LEGAL SERVICES
937 S. COAST HIGHWAY, SUITE C-202
ENCINITAS, CA 92024
858.775.2140

CONFIDENTIALITY NOTICE
This message is intended for the use of the addressee(s) and is intended to be privileged and confidential, within the attorney-client privilege. If you have received this email in error, please immediately notify the sender and delete all copies of this email message along with all attachments. Thank you.

CoastalNCCPWP

From: Trevor Mertens <mertens.trevor@gmail.com>
Sent: Wednesday, April 19, 2017 10:09 AM
To: Cox, Greg@Coastal
Cc: Buhr, Gabriel@Coastal
Subject: Vote YES

Vote YES on The SADAG CRT Plan

Thank you!

Sent from my iPhone

CoastalNCCPWP

From: Robyn Reis <reis50533@gmail.com>
Sent: Monday, April 17, 2017 10:04 AM
To: Buhr, Gabriel@Coastal
Subject: Vote yes on SANDAG CRT Plan

Please have Greg Cox vote yes on SANDAG CRT plan

CoastalNCCPWP

From: chris swanner <chrisswanner@gmail.com>
Sent: Monday, April 17, 2017 3:05 PM
To: CoastalNCCPWP
Subject: Coastal Rail Trail

Dear Coastal Commissioners:

My name is Chris Swanner, I live at 1659 San Elijo Ave. Cardiff by the Sea Calif. 92007

Please vote for the West Side Alignment of the Coastal Rail Trail.
Segment 39C, From Chesterfield Drive in Cardiff to 'E' Street in Encinitas.

We have 100's of people every day that use this current trail. It is very unsafe. The project creates a new walkway, bike lane, parking and road calming, all within 150' of the

railroad. It Does not deny access to the beach. It Does not eliminate parking. It preserves our only open space/beach access to the entire city of Cardiff by the Sea.

Thank you,

Chris Swanner

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CoastalNCCPWP

From: michael swaner <swanner.michael@gmail.com>
Sent: Thursday, April 20, 2017 9:32 AM
To: CoastalNCCPWP; Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: Rail Trail

Hello,

My name is Michael Swanner. I live at 1659 San Elijo, Cardiff By The Sea, CA 92007. I strongly support and request for your support to approve the Highway 101 alignment for the Cardiff portion of the Coastal Rail Trail.
(Segment 39C, From Chesterfield Drive in Cardiff to 'E' Street in Encinitas.)
Sincerely,
Michael Swanner

CoastalNCCPWP

From: Julie <thunderfamily@cox.net>
Sent: Saturday, April 22, 2017 1:25 PM
To: Cox, Greg@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Cc: Buhr, Gabriel@Coastal; CoastalNCCPWP
Subject: Please vote YES on the SANDAG Rail Trail plan for Hwy 101

Dear Coastal Commissioners,

Please vote YES on the upcoming SANDAG agenda item to place the Cardiff segment of the Coastal Rail Trail on Coast Highway 101. We have been fighting this battle off and on since 2006. Everybody is FINALLY in agreement: the City, the residents, local businesses, San Elijo State Park (most of the project runs adjacent to the park), Bike Walk Encinitas, Supervisor Kristin Gaspar, Mayor Catherine Blakespear & Council members, and many others.

Coast Highway is in desperate need of these improvements! Literally thousands of walkers, joggers, and cyclists use this section every weekend and it hasn't been upgraded for decades. It has substandard bike lanes now, and the southbound section has NO bike lane - cyclists must work their way through parked cars, crossing surfers, and speeding traffic. The barrier along the bluff is very short and would not keep a child from falling over if they ride too close. And, the traffic calming of the reduced lanes will bring the speed of drivers down to a sensible level.

The alternative plan to run the CRT through our railroad corridor was a horrible plan and stirred up a huge political fight between residents of Cardiff and the City of Encinitas. The City wanted to run a bike road complete with asphalt, lights, drains, gutters, and fencing through the one mile length of Cardiff - effectively destroying our open space and eliminating our beach access.

Please help us save our corridor....
Save the native plants
Save the sandstone bluffs
Save our beach access
Keep the pavement on the highway where it belongs
Build us safer bike routes where NONE exist now

Thank you for listening,

Julie Thunder
1805 Westminster Dr.
Cardiff, CA 92007

CoastalNCCPWP

From: REThielicke <rethielicke@aol.com>
Sent: Tuesday, April 25, 2017 11:21 AM
To: Cox, Greg@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Cc: Buhr, Gabriel@Coastal; CoastalNCCPWP
Subject: Please Approve Highway 101 Alignment for the Coastal Rail Trail Through Cardiff

April 25, 2017

Dear California Coastal Commissioner,

Coastal Commissioners are being asked by staff to choose between two alignments for the Cardiff Rail Trail; a west alignment on Highway 101 or an east alignment along the railroad right of way that will destroy open space native habitat and sandstone bluffs. This decision over bike routes/land use alternatives is ordinarily the responsibility of local government, because such decisions require an intimate and thorough knowledge of community needs, residents desires, future plans, etc.

In making your selection between the alignments for the Cardiff Rail Trail, please consider that the Highway 101 alignment has been approved by the Encinitas City Council, San Diego Association of Governments, Preserving Cardiff Rail Corridor, San Diego County Supervisor Kristin Gaspar, San Elijo California State Park site management, Bike/Walk Encinitas, and a substantial majority of community residents. The project has arrived at this decision point after a number of studies, many public hearings, multiple input from residents, and expenditure of hundreds of thousands in taxpayer funds, all of which is reflected in the decision of these groups to support the Highway 101 alignment.

Fortunately the exhaustive process has resulted in a consensus compromise that will serve all Community interests. For regional travel interests the Cardiff Rail Trail should be built on Highway 101 and a parallel complementary bike/walk path should be constructed along San Elijo Ave. east of the railroad tracks to serve local travel needs. In order to better connect the two paths and the community to the coast one or more below grade rail crossings would be constructed as well. In this way all needs and interests of the community will ultimately be satisfied.

We urge the Commission to approve the Highway 101 Cardiff Rail Trail alignment so the Community's compromise solution can be implemented.

Thank you for your careful consideration of this important project.

Ed Thielicke
1615 San Elijo Ave
Cardiff, CA 92007

CoastalNCCPWP

From: Catherine Trout Lichterman <catherine-jean@hotmail.com>
Sent: Wednesday, April 26, 2017 5:36 PM
To: Cox, Greg@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Cc: Buhr, Gabriel@Coastal; CoastalNCCPWP
Subject: Coastal Commission Letter Regarding Cardiff-by-the-Sea Coastal Rail Trail

California Coastal Commissioners Greg Cox, Roberto Uranga, Erik Howell, Mark Vargas, Effie Turnbull-Sanders, Donne Brownsey, Belinda Faustinos, Trent Orr

CC: Gabriel Buhr, NCCPWP

April 26, 2017

Dear Coastal Commissioners:

I strongly support and urge your Commission to approve the Highway 101 alignment for the Cardiff portion of the Coastal Rail Trail.

<u>Why Highway 101 and Not East of the RailRoad Tracks?</u>

Because:

- Highway 101 improves beach access; it will bring more residents and visitors to the bluff overlooking the ocean to ride, walk, run, meet friends, take selfies, and watch the sunset.
- The Highway 101 project adds a bike lane in the southbound direction, adjacent to the day-use parking and campgrounds.
- The Highway 101 alignment is preferred by an overwhelming majority of the community.
- The Highway 101 alignment will increase safety for many more cyclists, pedestrians, runners, etc. than the alternative east San Elijo Ave. option.
- Unlike the east side alignment, the Highway 101 alignment will not reduce beach access or parking.
- The Highway 101 alignment will not pave over existing open space, natural areas, or destroy sandstone bluffs and native plants.
- The Highway 101 alignment will cost substantially less than the east option.

The Cardiff segment of the coastal Rail Trail has been studied numerous times and discussed at multiple public hearings over a decade or more. We have had a number of false and costly starts, but we now have a clear picture of the needs of the community, a plan to accommodate the various interests, and, importantly, a funding source. The plan is a consensus of the Cardiff community, City, and regional agencies to (1) construct the regional coastal rail trail project on

Highway 101 now, and as funds become available (2) add a below grade railroad crossing near Verdi Ave. and (3) improve San Elijo Ave to accommodate local travel by bikers and pedestrians.

Please help Cardiff move forward by approving the Highway 101 alignment for the Coastal Rail Trail. Thank you for your consideration.

Sincerely,
Catherine Lichterman
1615 San Elijo Ave.
Cardiff, CA 92007

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San Diego County Water Authority
Southern California Tribal Chairmen's Association
Mexico

May 10, 2017

File Number 1223017

Ms. Dayna Bochco, Chair
California Coastal Commission
7575 Metropolitan Drive, Suite 103
San Diego, CA 92108-4421

Dear Chair Bochco and Members of the California Coastal Commission:

SUBJECT: Response to Addendum to Item Th18a, Notice of Impending Development NCC-NOID-0001-17 (Cardiff Coastal Rail Trail)

HEARING DATE: May 11, 2017

The San Diego Association of Governments (SANDAG) is writing to respond to California Coastal Commission (Commission) staff assertions and comments in the Addendum to the staff report for the Cardiff Coastal Rail Trail (CRT) (NCC-NOID-0001-17), dated May 8, 2017. The proposed western alignment of the Cardiff CRT (hereinafter "western" or "west side" alignment) would consist of a new, approximately 1.3-mile-long Class I shared-use path along the west side of Coast Highway 101 along the oceanfront, and new continuous buffered bike lanes on both sides of the roadway. As described in the NOID application materials and letter to Commissioners from SANDAG, dated May 4, 2017, in response to the staff report, the proposed western alignment is clearly consistent with all requirements of the NCC PWP/TREP, as explained below.

The West Side Alignment is Immediately Adjacent to the Los Angeles – San Diego – San Luis Obispo Right-of-Way

Section 4.4.1 of the NCC PWP/TREP provides the standard of review and allows the CRT to be located "immediately adjacent" to the Los Angeles – San Diego – San Luis Obispo (LOSSAN) right-of-way. The proposed western alignment is immediately adjacent to the LOSSAN right-of-way along Coast Highway 101, and therefore consistent with the NCC PWP/TREP.

The NCC PWP/TREP Gives SANDAG Flexibility to Site the CRT East or West of the LOSSAN Right-of-Way

Further, Section 4.4.1 also provides flexibility for CRT siting, either east or west of the LOSSAN right-of-way, where there are environmental, safety, or physical constraints, in which case, the location is limited to no further than 150 feet from the LOSSAN right-of-way. The entirety of the proposed west side alignment is within 150 feet of the LOSSAN right-of-way. In approving the amended NCC PWP/TREP language and explaining the flexibility provided, the Commission found that:

The proposed language would provide future flexibility for project specific design while still preserving the intent of the regional community enhancement feature - creation of a continuous north-south bicycle and pedestrian trail along the rail corridor that will provide safe access to and along the coast. ***The amendment would not result in any significant changes to the alignment of the Coastal Rail Trail; however, it would give SANDAG the flexibility to consider the alignments both east and west of the LOSSAN right-of-way in areas where the final design has yet to be completed,*** *such as the community of Leucadia segment in the City of Encinitas. If the future CRT and regional planning identifies that it is appropriate to locate the CRT further than 150 feet from the right-of-way, it would require a NCC PWP/TREP amendment for that segment.* (2/26/16 Commission staff report, page 15) (emphasis added)

SANDAG has identified environmental, safety, and physical constraints (drainage and water quality issues, biological resource issues, and public access and recreation issues) which necessitate the proposed western CRT alignment, located within 150 feet of the LOSSAN right-of-way. These constraints are described in detail in the May 4, 2017, SANDAG letter to Commissioners in response to the staff report.

Denying the West Side Alignment Will Result in the Loss of $1 Million Grant

The proposed west side alignment is funded in part through approximately $1 million from the Active Transportation Program (ATP) state grant program. The ATP grant will be forfeited if the project is not advertised for construction by February 1, 2018. Because the east side alignment has not been fully vetted as SANDAG explained in its May 4, 2017, letter, the Commission staff recommendation would result in the forfeiture of the $1 million grant.

The East Side Alignment Results in a Major Loss of Public Parking

SANDAG would like to reiterate that the proposed west side alignment results in zero loss of parking. Commission staff, in their Addendum to the staff report (#7, page 4), asserts that the loss of approximately 37 public parking spaces "is relatively minor" and "not a physical constraint." SANDAG respectfully disagrees. This is in fact a major loss of public parking for this area, a serious impediment to coastal access, and indeed a physical constraint to development of an east side alignment. Moreover, Commission staff present a low estimate of existing parking spaces that would be removed by an east side alignment. People currently park their vehicles haphazardly in this informal parking area, and an estimate of existing parking spaces could easily be much higher than 37 spaces if one assumes more efficient, formalized parking. Regardless, even the loss of 37 public parking spaces is plainly a major physical constraint for this busy, popular coastal community.

Commission Encourages the City to Move Forward with the West Side Alignment

In the first page of the Addendum to the staff report (#1, page 1) Commission staff speaks favorably about the public access benefits of the proposed west side alignment, and, "encourage(s) the City to continue to move forward with these improvements on Coast Highway..." These statements contradict later sections of the Addendum (e.g., #10, page 5), where Commission staff asserts that the proposed west side alignment "could have negative impacts on public access." The response below explains that the proposed west side alignment does not negatively affect traffic circulation or public access, but in fact will significantly enhance public access as Commission staff itself acknowledges in the first page of the staff report Addendum.

The West Side Alignment Does Not Negatively Affect Traffic Circulation or Public Access

SANDAG would like to reiterate that the reduction in vehicle lanes along a portion of the project site would **not** negatively impact traffic circulation according to adopted City of Encinitas standards and overall will significantly enhance public safety and public access and recreation along the corridor. The traffic conclusions are fully supported by the Traffic Operations and Analysis Report submitted to Commission staff as part of the NOID application for the west side alignment.

The staff response in the Addendum, dated May 8, 2017, (#10, page 5) asserts that "as discussed in the staff report, the proposed reduction of vehicles lanes on Coast Highway 101 would increase travel times along Coast Highway 101, increase traffic volumes on San Elijo Avenue/Vulcan Avenue, and decrease the level of service at certain intersections, all of which could have negative impacts on public access." However, the staff response leaves out important context provided in the traffic report.

As thoroughly explained in the consistency analysis and the May 4, 2017, letter to the Commission, the Traffic Operations and Analysis Report, prepared by STC Traffic, Inc. in January 2017, demonstrates that a change from two lanes to one lane with the speed limit reduction will not result in any adverse vehicle traffic impacts in the project area and the level of service will continue operating at acceptable levels according to City of Encinitas standards. In fact, the change in the amount of time to travel the Coast Highway 101 corridor at peak times, in both morning and evening, is only between 9 and 23 additional seconds. (Traffic Operations Analysis Report, Table 4-1, page 24; Table 4-2, page 25; Table 4-3, page 27; Table 5-1, page 31; Table 5-2, page 32). Moreover, the proposed western alignment of the CRT provides inherent public access and recreation benefits for the region and local community which satisfy Coastal Act policies and NCC PWP/TREP design and development strategies and implementation measures.

As also noted in the May 4, 2017, SANDAG letter to the Commission, in February 2013 the Commission approved the construction of the Carlsbad Rail Trail (CDP No. 6-12-087) which reduced travel lanes to a single vehicular lane in each direction, thereby eliminating one lane of travel across Buena Vista lagoon. This reduction allowed for the construction of the Carlsbad Rail Trail section, Class II bike lanes, and a sidewalk without expanding the footprint of the roadway beyond the limits of the existing disturbed right-of-way. The Commission found that when compared to the benefits the proposed project provides overall to public access for a range of multimodal users, the slight reduction in level of service for vehicles through the intersection is acceptable and would not result in a conflict with the public access policies of the Coastal Act.

The Proposed West Side Alignment Has No Biological Resources Impacts

SANDAG reiterates that the proposed west side alignment will not have any biological resource impacts, as the project footprint will include existing paved or previously disturbed areas, and has already obtained a categorical exemption to satisfy the requirements of California Environmental Quality Act (CEQA). The eastern alignment of the CRT does not have clearance under CEQA and would likely need an Environmental Impact Report to satisfy CEQA requirements. If SANDAG were to pursue CEQA clearance and obtain resource agency environmental permits for an east side alignment, then new, updated biological resource surveys would likely be required. SANDAG did not submit biological surveys for the east side alignment as part of the NOID process because it submitted a NOID application for the proposed west side alignment. Nevertheless, the preliminary biological information indicates that the eastern alignment presents environmental constraints related to potential impacts to biological and wetland resources that allow CRT siting within 150 feet of the rail right-of-way under NCC PWP/TREP Section 4.4.1.

In response to the Addendum, dated May 8, 2017, (#5, pgs. 2-3), SANDAG would like to clarify the following points related to biological resource information:

- As previously stated in the May 4, 2017, SANDAG letter responding to Commission staff's request for additional information, no formal determination of environmentally sensitive habitat was conducted for the east side CRT alignment. The preliminary biological resource information evaluated for the eastern alignment noted in the May 4, 2017, SANDAG letter provides an indication of the potential for native habitat and biological resources within the eastern CRT alignment footprint. However, a current biological report that incorporates the results of seasonal surveys and would constitute a formal determination of ESHA or wetland delineation for the east side CRT alignment has not been prepared and was not necessary for this proposed project for the western CRT alignment. Data indicating the potential for wetland habitat along the eastern CRT alignment is publicly available on other resource agency websites/mapping tools, including the U.S. Fish and Wildlife Service National Wetlands Inventory website. This information points to environmental resource constraints on the east side alignment.

- The native plant survey prepared by opponents of the eastern alignment that was cited in the Commission's April 26, 2017, staff report was not provided to SANDAG by Commission staff at any point in this NOID process. However, it became clear from the Commission's findings on Page 33 of the April 26, 2017, staff report that Commission staff performed an in-depth review of this 'native plant survey' and must have been aware that it identified possible "Semi-Riparian Habitat (possible vernal pool)" and "coastal wetland" habitat areas within the eastern alignment that could constitute an environmental constraint.

In conclusion, we look forward to the hearing on this item and request that the Commission modify Special Condition One to approve the proposed western CRT alignment, instead of the staff recommendation of the eastern CRT alignment.

Sincerely,

CHARLES "MUGGS" STOLL
SANDAG Director of Land Use and Transportation Planning

MST/LCU/fwe

Attachment: Traffic Operations and Analysis Report, prepared by STC Traffic, dated January 2017

cc: Gabriel Buhr, California Coastal Commission (via email)
Kanani Brown, California Coastal Commission (via email)

A copy of this letter has been provided to California Coastal Commission staff in accordance with the requirements of Public Resources Code, Sections 30319-30324

ENCINITAS COASTAL RAIL TRAIL PROJECT

TRAFFIC OPERATIONS ANALYSIS REPORT

Prepared for:

SANDAG

Prepared by:

STC Traffic, Inc.
5865 Avenida Encinas, Suite 142B
Carlsbad, CA 92008
Dawn Wilson, PE TE
dawn.wilson@stctraffic.com

Revised: January 2017

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1. INTRODUCTION

This study evaluates the vehicle traffic impacts of the Encinitas Coastal Rail Trail project (proposed project) located along an approximately 1.3-mile section of Coast Highway 101 in the City of Encinitas, including analysis of intersection operations, roadway segments operations, and travel time. A description of the proposed project is provided below.

1.1 Project Description

The Encinitas Coastal Rail Trail project conceptual plan is illustrated in **Figure 1-1**. As shown in the conceptual plan, the project proposes to:

- Construct a two-way, Class I multi-use path approximately 12 to 16 feet in width along the west side of Coast Highway 101;
- Provide one-way Class II bike lanes approximately 8 feet in width with buffers where feasible along the both sides of Coast Highway 101;
- Reduce the number of travel lanes from four lanes to two lanes between the northern boundary of San Elijo Campground and the main entrance into the campground (about 2,000 feet);
- Reduce the number of travel lanes from four lanes to three lanes (two southbound, one northbound) between the San Elijo Campground Main Entrance and Chesterfield Drive;
- Maintain the existing four travel lanes (two northbound, two southbound) on Coast Highway 101 through the signalized intersection with Chesterfield Drive;
- Reduce the posted speed limit from 45 mph to 35 mph;
- Maintain the existing southbound curb lane flare and dual southbound entry lanes for queued vehicles entering the campground;
- Maintain existing on-street parallel parking where it is permitted;
- Eliminate the existing southbound U-turn lane on Coast Highway 101 near Montgomery Avenue and install a new U-turn at Chesterfield Drive; and
- Maintain existing two-way left turn lane along the length of Coast Highway 101 where necessary for access.

Sheet 1 of 4

Figure 1-1
Conceptual Plan
CORRESPONDENCE 100

Encinitas Coastal Rail Trail

Sheet 2 of 4

Figure 1-1
Conceptual Plan
CORRESPONDENCE 101

Sheet 3 of 4

Figure 1-1
Conceptual Plan
CORRESPONDENCE 102

Sheet 4 of 4

Figure 1-1
Conceptual Plan

1.1 Project Study Area and Data Collection

The study area consists of the following intersections and roadway segments along Coast Highway 101 and San Elijo Avenue:

Intersections

1. Coast Highway 101 @ Swami's Pedestrian Crossing
2. Coast Highway 101 @ Swami's Parking Lot
3. Coast Highway 101 @ Campground Day Use Lot
4. Coast Highway 101 @ Campground Main Entrance
5. Coast Highway 101 @ Chesterfield Drive
6. San Elijo Avenue @ Santa Fe Drive
7. San Elijo Avenue @ Birmingham Drive
8. San Elijo Avenue @ Chesterfield Drive

Roadway Segments

1. Coast Highway 101 from Swami's Ped Crossing to Day Use Parking
2. Coast Highway 101 Day Use Parking to Campground Entrance
3. Coast Highway 101 South of Campground Entrance to Chesterfield Drive
4. San Elijo Avenue Santa Fe to Birmingham Drive
5. San Elijo Avenue Birmingham Drive to Chesterfield Drive

Roadway Segment and Intersection Volumes: Vehicular traffic, pedestrian and bicycle volumes were collected at the five above-listed intersections during the AM and PM peak periods (7-9 AM and 4-6 PM) on September 7, 2016 along Coast Highway 101 and on December 6, 2016 for San Elijo Road. Local schools were in session on both count dates and weather conditions were considered to be typical. Daily traffic volumes were also collected along Coast Highway 101 and San Elijo Avenue for a period of 24-hours on the same dates as the peak hour counts (September 7, 2016 for Coast Highway 101 and December 6, 2016 for San Elijo Road) Supplemental roadway segment volumes were provided by City of Encinitas for San Elijo Avenue. **Raw data is provided in Appendix A.**

The data collected were used to identify vehicle traffic, pedestrian, and bicycle volumes within the study area. Although pedestrian and bicycle volumes may be higher on the weekend, vehicle traffic volumes along Coast Highway 101 and San Elijo Avenue are higher during the week. Therefore, data were collected during peak period travel times during the week when vehicle traffic volumes are the highest. Existing daily and peak hour traffic volumes are illustrated in **Figure 1-2.** Existing daily and peak hour pedestrian and bicycle volumes are illustrated in **Figure 1-3.**

Travel Time along Coast Highway 101: In addition, travel time runs were conducted to measure vehicle travel time and vehicle speed along Coast Highway 101 from the Swami's Pedestrian Crossing to Chesterfield Drive. The travel time results include the amount of time the vehicle spent stopped at a traffic signal. Therefore, the actual travel times and speeds between signalized intersections are higher than

reported. The travel time runs were conducted on Tuesday, September 13, 2016. Data were collected during morning, mid-day, and evening times (7-9AM, 11AM-1PM and 4-6PM) in both the northbound and southbound directions.

The purpose of the mid-day travel speed and time measurements is to identify free-flow traffic speeds outside of peak periods. The mid-day travel speed and time measurements were used to determine if free-flow traffic speeds exceed the posted speed limit. A total of 10 travel trips (five in each direction) were recorded using Tru-Traffic [1]software in combination with GPS tracking. **Table 1-1** summarizes the travel time data. The average travel speed by direction was calculated for each direction for each peak period. This average travel speed is used throughout the report as the baseline condition for Coast Highway 101.

As shown in Table 1-1, the average mid-day travel speeds in both directions are within 1-2 mph of the AM and PM peak period average travel speeds. These results show that there is little congestion along Coast Highway 101 and that the travel speed throughout the day is relatively consistent with speeds in excess of the posted speed limit. Additional analysis of the mid-day period is therefore not included the remainder of the report. The AM and PM peak period is the focus of the operational analysis.

Table 1-1: Existing Observed Travel Times and Speeds: Coast Highway 101 from Swami's Pedestrian Crossing to Chesterfield Drive

Travel Time (min:sec)						
Run #	**NB AM**	**NB MID**	**NB PM**	**SB AM**	**SB MID**	**SB PM**
1	1:55	1:55	1:56	2:02	1:56	2:07
2	1:55	1:54	2:02	1:55	1:53	2:11
3	1:57	1:56	2:02	1:54	2:11	1:57
4	2:01	1:55	2:01	2:43	1:58	2:07
5	1:59	1:57	1:53	2:19	2:14	2:03
Average	**1:58**	**1:55**	**1:59**	**2:11**	**2:02**	**2:05**
Speed (MPH)						
Run #	**NB AM**	**NB MID**	**NB PM**	**SB AM**	**SB MID**	**SB PM**
1	40.2	40.3	40.0	38.0	39.8	36.5
2	40.2	40.7	38.0	40.3	41.0	35.3
3	39.6	39.9	38.2	40.6	35.3	39.6
4	38.2	40.3	40.3	28.4	39.1	36.5
5	38.2	39.6	41.1	33.2	34.5	37.7
Average Speed (mph)	**39.3**	**40.2**	**39.5**	**36.1**	**37.9**	**37.1**

Notes:
NB – Northbound, SB – Southbound
AM – AM Peak Period (7-9AM), Mid – Midday Peak Period (11AM – 1PM), PM – PM Peak Period (4-6PM)
MPH – miles per hour

[1] Tru Traffic uses GIS based travel time information and video recordings to develop arterial performance information that can be integrated into traffic signal timing programs. The software provides data related to platoon progression, time-location, and stop delay)

Encinitas Coastal Rail Trail

Figure 1-2

Existing Daily and Peak Hour Volumes

Figure 1-3

Existing Daily and Peak Hour Pedestrian and Bicycle Volumes

2. ANALYSIS APPROACH AND METHODOLOGY

To assess the potential vehicle traffic impacts of the proposed project, the following analyses were conducted. This chapter summarizes the approach and methodology for each analysis.

- Intersection Operational Analysis
- Roadway Segment Analysis
- Travel Time Analysis

2.1 Study Scenarios

This traffic operations analysis was conducted for the following study scenarios:

- **Existing Conditions Without Project** – This scenario analyzes existing (year 2016) traffic conditions without the proposed project. Coast Highway 101 through the study area carries approximately 14,800 vehicles per day (vpd). Parallel to Coast Highway 101 on the east side of the North County Transit District (NCTD) railroad right-of-way is San Elijo Avenue, which carries approximately 8,891 vehicles per day north of Birmingham and approximately 13,166 vpd south of Birmingham. Coast Highway 101 and San Elijo Avenue are the primary north-south connections from Encinitas Boulevard to Chesterfield Drive.

- **Existing Conditions With Project** – This scenario analyzes existing (year 2016) traffic conditions with the proposed project.

- **Year 2035 Conditions Without Project** – This scenario analyzes traffic conditions in the year 2035 without the proposed project. Year 2035 baseline ADT volumes were developed from the SANDAG Series 12 regional traffic model. Year 2035 volumes are based on existing and planned land uses, which in turn generate trips that are assigned to the existing and future planned roadways in the region through the use of the SANDAG regional travel demand model. Key regional roadway assumptions for 2035 included in the SANDAG Series 12 model include:

  - Widening Interstate 5 (I-5) to eight (8) through lanes and four (4) HOV lanes as well as Direct Access Ramps (DAR) and interchange improvements from Oceanside to La Jolla; and
  - Double-tracking the LOSSAN corridor through Encinitas.

  SANDAG is working with City of Encinitas on a new section of double track along the LOSSAN corridor through the community of Cardiff-by-the-Sea and across the San Elijo Lagoon, which will cross Chesterfield Avenue and will include the following improvements to the intersections of Chesterfield Drive with Coast Highway 101 and San Elijo Avenue. These improvements are included in the Year 2035 analysis for the without project and with project scenarios.

  - The existing channelized right-turn lane on southbound San Elijo Avenue at Chesterfield Drive will be removed and replaced by a striped right-turn lane;

- The existing channelized right-turn lane on westbound Chesterfield Drive at Coast Highway 101 will be removed and replaced by a striped right-turn lane;
- The traffic signal control for the intersections of Coast Highway 101 at Chesterfield Drive and San Elijo Avenue at Chesterfield Drive will be connected by a single controller, and will function as a single intersection;
- The sidewalk along the south side of Chesterfield Avenue between Coast Highway 101 and San Elijo Avenue will be removed since there are no pedestrian facilities to the north, south or west from the southwest corner of the Coast Highway 101 / Chesterfield Avenue intersection.

Year 2035 traffic volumes generated by the model were post-processed to develop the forecast daily volumes and the peak hour intersection turning movement volumes. Post processing involves comparing the baseline model ADT volumes (2008) with the forecast ADT volumes (2035) to determine the net change in volume and growth rate along both Coast Highway 101 and San Elijo Avenue. Once the growth rate was calculated for each corridor, the calculated growth rates were applied to the existing observed ADT volumes and peak hour volumes. The post processing method results were reviewed to ensure the calculations resulted in reasonable volumes and growth for all movements. Occasionally, the calculations can result in higher or lower growth on individual movements that neither reflect the existing traffic patterns or anticipated future traffic patterns based on the model and known changes in land use and/or transportation network. When this occurred, adjustments were made where appropriate to reflect reasonable changes in traffic patterns and growth for all study intersections prior to including the peak hour or daily traffic volumes in the technical analysis. The Year 2035 worksheets are provided in **Appendix D**.

- **Year 2035 Conditions With Project –** This scenario analyzes traffic conditions in the year 2035 with implementation of the proposed project. The model run results for Year 2035 Conditions With Project show that the proposed project would decrease traffic volumes along Coast Highway 101 relative to Year 2035 Conditions Without Project. Specifically, Year 2035 With Project decrease volumes to approximately 15,000 vpd, which is nearly the same as the existing volumes of 14,800 vpd. Without the proposed project, traffic volumes along Coast Highway 101 are anticipated to increase to approximately 18,000 vpd by 2035. This result demonstrates that the capacity of Coast Highway 101 would be approximately 15,000 vpd after implementation of the proposed project. Therefore, this analysis assumes that forecasted increase in traffic volumes for Coast Highway 101 in 2035 without the Project, about 3,000 vpd, would be shifted to other roadways in the project area, including approximately 1,600 vpd on San Elijo Avenue north of Birmingham Drive, and approximately 1,110 vpd on San Elijo Avenue south of Birmingham Drive should the project be implemented. The remaining trips are forecasted to disperse to other roadways in the area as well, including Vulcan Avenue, Santa Fe Drive, Birmingham Drive, and Interstate 5. Since the project redistributes the majority of the trips to San Elijo Avenue, this scenario includes analysis of how the proposed project would affect traffic conditions on San Elijo Avenue. The future volumes added to the other corridors are nominal (less than 500 vpd) and not anticipated to affect operations along those corridors. Therefore, corridors such as Birmingham, Vulcan and Santa Fe were not included in the analysis.

2.2 Intersection Operational Analysis Methodology

Intersection operations are described with the term level of service (LOS), which is a qualitative description of traffic flow based on such factors as speed, travel time, delay, and freedom to maneuver. Six levels are defined from LOS A, with the least congested operating conditions, to LOS F, with the most congested operating conditions. LOS E represents "at-capacity" operations. Operations are designated as LOS F when volumes exceed capacity, resulting in stop-and-go conditions.

Vehicular LOS were determined at the study area intersections for the morning (AM) and evening (PM) peak hours on a typical weekday. The AM intersection analysis evaluates LOS during the hour with the highest vehicular traffic between 7:00 and 9:00 AM. The PM intersection analysis evaluates LOS during the hour with the highest vehicular traffic between 4:00 and 6:00 PM. Pedestrian and bicycle volumes are included in the analysis to determine how pedestrian and bicycle movements at intersections affect vehicle operations at intersections.

Signalized and unsignalized intersection operations were analyzed based upon the *Highway Capacity Manual (HCM)* 2010 methodology, which relates the intersection LOS to intersection control delay, in terms of seconds per vehicle (sec/veh). This methodology sets 1,900 passenger-cars per hour per lane (pcphpl) as the saturation flow rate at both signalized and unsignalized intersections, which is based on the minimum headway[3] that can be sustained between departing vehicles at an intersection. All intersections were analyzed in the SYNCHRO 9[4] software program, which uses the methodologies outlined in the *HCM 2010* to determine intersection operating conditions.

Signal timing data and parameters such as cycle lengths, amount of green time provided on each approach to the intersection, the amount of yellow and all red time, and other essential traffic signal timing data were obtained from the current signal timing sheets provided by the City of Encinitas and calibrated into the SYNCHRO model. SYNCHRO reports delays, which correspond to a particular LOS, to describe the overall operation of an intersection. Signal timing sheets are provided in **Appendix A** of this report.

The criteria for the LOS grade designations are provided in **Table 2-1**. LOS provides a quick overview of how well an intersection is performing. Within the City of Encinitas, acceptable operating conditions for signalized and unsignalized intersections is LOS D or better (City of Encinitas, 1994).

[3] Headway is the time between successive arriving vehicles along a roadway. The minimum headway is approximately 2 seconds for a typical street.

[4] Synchro is a macroscopic traffic analysis software used to determine intersection performance. It may also be used to calculate vehicle travel time, delays, queues and other metrics. A companion tool with Synchro is SimTraffic, which is a simulation software that provides an animated video of automobile, pedestrian and bicycle activity using input from the Synchro software.

Table 2-1: LOS Criteria for Intersections

Level of Service (LOS)	Control Delay (seconds/vehicle)		Description
	Signalized Intersections	Unsignalized Intersections	
A	≤10	≤10	Operations with very low delay and most vehicles do not stop.
B	>10 and ≤20	>10 and ≤15	Operations with good progression but with some restricted movements.
C	>20 and ≤35	>15 and ≤25	Operations where a significant number of vehicles are stopping with some backup and light congestion.
D	>35 and ≤55	>25 and ≤35	Operations where congestion is noticeable, longer delays occur, and many vehicles stop. The proportion of vehicles not stopping declines.
E	>55 and ≤80	>35 and ≤50	Operations where there is significant delay, extensive queuing, and poor progression.
F	>80	>50	Operations that are unacceptable to most drivers, when the arrival rates exceed the capacity of the intersection.

Source: 2010 Highway Capacity Manual, Transportation Research Board Special Report 209

2.2 Roadway Segment Analysis Methodology

Roadway segment LOS was determined based on the ratio of a roadway's daily traffic volume to its capacity. Roadway segment capacity for the City of Encinitas is defined in its General Plan Circulation Element (1994). **Table 2-2** provides the summary of roadway classifications and capacity thresholds by level of service. To perform the analysis, ADT volumes are compared to the capacity thresholds included in this table to determine the operating conditions and level of service along the segment.

Table 2-2: LOS Criteria for Roadway Segments

Facility Type	# of Lanes	ADT Capacity		
		LOS C	LOS D	LOS E
Prime Arterial	6	46,000	51,200	57,000
Prime Arterial (Augmented)	6	53,000	60,000	66,000
Major Roadway	4	28,200	31,600	35,200
Major Roadway (Augmented)	4	36,300	41,000	45,400
Collector Roadway	4	26,000	29,200	32,400
Local Roadway	2	11,200	12,600	14,000
Local Roadway (Augmented)	2	16,000	18,000	20,000

Source: *City of Encinitas, General Plan Circulation Element (1995)*

2.3 Travel Time Analysis Methodology

Travel time analysis is based on the combination of stop delay (signalized intersections) and travel time. The baseline condition was established using the floating car methodology in which the driver maintains a constant speed, without exceeding the posted speed limit. The constant speed should reflect the speeds of the vehicles traveling along side or near the driver measuring the travel speed. Travel speeds for year 2035 were calculated using SYNCHRO and Sim Traffic. The floating car survey results were used to calibrate the SYNCHRO model prior to evaluating year 2035 conditions.

3. EXISTING CONDITIONS

3.1 Existing Roadway Network

This section describes the existing roadway conditions as well as transit facilities along Coast Highway 101 from Santa Fe Drive/Swami's Pedestrian Crossing to Chesterfield Drive. Along the length of the corridor, the posted speed limit along Coast Highway 101 is 45 mph. In general, the pavement within travel lanes is in good condition, and there are no visible cracks or potholes. **Figure 3-1** illustrates the existing intersection and roadway geometry.

Coast Highway 101, from Swami's Pedestrian Crossing Signal to Swami's Parking Lot Entrance

Along Coast Highway 101 between the Swami's Pedestrian Crossing and the Swami's Parking Lot Entrance, there are two 12-foot northbound travel lanes and a Class II bike lane. Along southbound Coast Highway 101, there is one 15-foot travel lane, a Class II bike lane, and a 10-foot parallel parking lane.

Coast Highway 101, from Swami's Parking Lot Entrance to San Elijo Campground Day Use Parking Lot Entrance

South of the Swami's Parking Lot Entrance, Coast Highway 101 is striped with one travel lane in each direction for approximately 3,050 feet (0.6 miles). Through this section, a continuous northbound Class II bike lane is provided. A southbound Class II bike lane is provided along most of this segment, but terminates near the San Elijo Campground northern boundary. South of the San Elijo Campground northern boundary, Coast Highway 101 transitions to two travel lanes in each direction. Lane widths in each direction of travel vary from approximately 11 feet to approximately 20 feet. A striped median is provided separating the northbound and southbound travel lanes, with widths varying from 6 feet to 12 feet.

Looking northbound north of the Day Use Parking Lot. This is representative of the two-lane section of Coast Highway 101.

South of the Swami's Parking Lot Entrance, a 10-foot parallel parking lane is provided southbound for approximately 640 feet. Beyond that point, on-street parking is prohibited for approximately 2,200 feet, until it picks up again for approximately 500 feet between the San Elijo Campground northern boundary and the Day Use Parking Lot Entrance. On-street parallel parking along the east side of Coast Highway 101 (northbound) is allowed for approximately 1,200 feet north of the Day Use Parking Lot Entrance. Parking along the east side of Coast Highway 101 primarily occurs along the dirt shoulder. There are no crosswalks or sidewalks crossing Coast Highway 101 through this section.

Encinitas

Figure 3-1

Existing Intersection and Roadway Geometry

Coast Highway 101, from San Elijo Campground Day Use Parking Lot Entrance to Main Campground Entrance

Looking southbound near San Elijo Campground Day Use Parking Lot. This is representative of the four-lane section with on-street parking that occurs along the campground.

There are two travel lanes in each direction between the San Elijo Campground Day Use Parking Lot Entrance and the Main Campground Entrance. The northbound and southbound travel lanes are separated by a striped median that varies in width from 12 to 15 feet. There is a continuous Class II bike lane along northbound Coast Highway 101, but no southbound bike lane. The widths of the two northbound travel lanes vary from 11 to 12 feet. The width of the left southbound travel lane varies from 10 to 11 feet, and the southbound curb lane width varies from 16 feet where on-street parking is present to 24 feet adjacent to no-parking zones. The southbound curb lane flares for approximately 215 feet before transitioning to dual entrance lanes into the San Elijo Campground. The flared lane is designed to accommodate queued vehicles entering the campground during peak season.

On-street parallel parking is provided southbound for approximately 460 feet. Northbound on-street parking is only permitted near the Day Use Parking Lot Entrance along a dirt shoulder for approximately 150 feet.

Coast Highway 101, from San Elijo Campground Main Campground Entrance to Chesterfield Drive

There are two travel lanes in each direction between the San Elijo Campground Main Entrance and Chesterfield Drive. The northbound and southbound travel lanes are separated by a 12-foot wide striped median. A continuous northbound Class II bike lane is provided along this segment, but there is no southbound bike lane. Northbound travel lane widths vary from 11 to 12 feet, and the southbound travel lane widths vary from 10 feet to 28 feet, with wider travel lane widths adjacent to no-parking zones.

On-street parallel parking is permitted southbound for approximately 480 feet. Northbound on-street parallel parking is permitted for approximately 340 feet.

Looking southbound approaching Chesterfield Drive (image of campground acceleration lane in foreground).

3.2 Existing Transit Facilities

North County Transit District (NCTD) operates the Breeze Bus Route 101 along Coast Highway 101 from the Oceanside Transit Center to UCSD via Coast Highway 101. Major stops along Route 101 include the Carlsbad Village, Carlsbad Poinsettia, and Encinitas COASTER Stations, the Solana Beach Amtrak and COASTER Station, Westfield UTC Mall, and UCSD. Route 101 has 30-minute headways throughout most of the day.

There are two bus stops in the project area. One is located along southbound Coast Highway 101 approximately 120 feet north of the Campground Day Use Lot. It consists of a bus stop sign on the existing unpaved shoulder. The other is located along northbound Coast Highway 101 approximately 400 feet north of Chesterfield Drive. It consists of an uncovered bench and sign on the existing sidewalk.

Figure 3-3: Route 101 Station Locations and Travel Route

Bus stop located near the San Elijo Beach parking lot. Notice the lack of amenities and access along the corridor.

3.3 Existing Conditions Intersection Operational Analysis

Table 3-1 displays the operational analysis results for the study intersections under existing conditions. **Appendix B** contains the intersection LOS worksheets. As shown in Table 3-1, all study intersections are operating at LOS D or better during AM and PM peak hours under existing conditions, which is considered acceptable operating conditions according to the City of Encinitas General Plan. For signalized intersections, the delay reported represents the average delay for all vehicles entering the intersection. For one-way stop controlled intersections, (OWSC), delay is reported for the movement with the highest delay. For Coast Highway 101, the highest delay occurs in the AM peak hour on the stop controlled movement for vehicles exiting from Swami's Parking Lot. This delay is a function of the available gaps in free-flowing traffic along Coast Highway 101. Along San Elijo Avenue, the highest delay occurs in the AM peak hour at the southbound through movement at the all-way stop controlled intersection with Santa Fe Drive.

Table 3-1: Existing Conditions Intersection Operational Analysis

#	Intersection	Traffic Control	Peak Hour	Existing Conditions	
				Delay[(a)] (seconds)	LOS [(b)]
1	Coast Highway 101 @ Swami's Pedestrian Crossing	Signal	AM	5.8	A
			PM	3.3	A
2	Coast Highway 101 @ Swami's Parking Lot	OWSC	AM	27.4	D
			PM	17.6	C
3	Coast Highway 101 @ Campground Day Use Lot	OWSC	AM	17.7	C
			PM	12.9	B
4	Coast Highway 101 @ Campground Main Entrance	OWSC	AM	16.6	C
			PM	13.2	B
5	Coast Highway 101 @ Chesterfield Drive	Signal	AM	24.5	C
			PM	23.8	C
6	San Elijo Avenue @ Santa Fe Drive	AWS	AM	35.0	D
			PM	12.6	B
7	San Elijo Avenue @ Birmingham Drive	Signal	AM	16.2	B
			PM	16.7	B
8	San Elijo Avenue @ Chesterfield Drive	Signal	AM	26.8	C
			PM	17.1	B

Signal: Traffic signal, OWSC: One-way stopped control
Bold values indicate intersections operating at LOS E or F.
Notes:
(a) Delays are reported as the average control delay for the entire intersection at signalized intersections. For one-way stop controlled intersections, delay is reported for the movement with the highest delay.
(b) LOS calculations are based on the methodology outlined in the *2010 Highway Capacity Manual* (HCM) and performed using SYNCHRO 9.

3.4 Existing Conditions Roadway Segment Operating Conditions

Table 3-2 displays the operational analysis results for the roadway segments under existing conditions. As shown, all segments operate at LOS C or better under existing conditions, which is considered acceptable according to the City of Encinitas General Plan threshold LOS D for roadway segments.

Table 3-2: Existing Conditions Roadway Segment Operational Analysis

Roadway Segment (From-To)	Classification	Capacity @ LOS E	ADT Volume	V/C	Level of Service (1)
Coast Highway 101 Swami's Ped Crossing to Day Use Parking	2 Lane Augmented Collector (2)	20,000	15,271	0.76	LOS C or Better
Coast Highway 101 Day Use Parking to Campground Entrance	4 Lane Collector	32,400	15,271	0.47	LOS C or Better
Coast Highway 101 South of Campground Entrance	4 Lane Collector	32,400	15,002	0.46	LOS C or Better
San Elijo Avenue Santa Fe to Birmingham Drive	2 Lane Local	20,000	8,189	0.41	LOS C or Better
San Elijo Avenue Birmingham Drive to Chesterfield Drive	2 Lane Augmented Local (3)	20,000	13,166	0.66	LOS C or Better

Notes:

(1) Refer to Table 2-2 for capacity thresholds by classification used to determine levels of service.

(2) Dedicated turn lanes and traffic signals are provided along this segment of Coast Highway, which increase the overall capacity by reducing friction at intersections and improving traffic flow. The lack of access points along this segment coupled with limited on-street parking further improve traffic flow. Therefore, the "augmented" classification has been added to reflect these capacity enhancements.

(3) Dedicated turn lanes and traffic signals are provided along this segment of San Elijo Avenue, which increase the overall capacity by reducing friction at intersections and improving traffic flow. Therefore, the "augmented" classification has been added to reflect these capacity enhancements.

3.3 Existing Travel Time Analysis

As stated in Section 2.3 (Travel Time Methodology) , existing travel times along Coast Highway 101 were measured using floating car surveys. Existing travel times were also modeled using the SYNCHRO software program. The existing travel time results from the SYNCHRO model and the floating car surveys are compared in **Table 3-3.**

Table 3-3: Existing Model and Actual Travel Time Run Comparison for Coast Highway 101

Peak Period	Direction	SYNCHRO Results (min:sec) (45 mph)	Floating Car Survey Results (min:sec) (Average Observed)	Difference in Travel Time Results (Observed – Modeled in seconds)
AM	NB	1:45	1:57	+12 seconds
	SB	2:04	2:11	+7 seconds
PM	NB	1:46	1:59	+13 seconds
	SB	1:53	2:05	+12 seconds

To account for the difference in travel time results between surveys and the model, the analysis includes the following steps. First, travel times are modeled with SYNCHRO for the existing without project and existing with project scenarios. The results are then compared to calculate the net travel time change attributable to the proposed project. That net change is then applied to the existing observed travel time to calculate the total travel time in the existing with project scenario. The same steps are performed for the future without project and future with project scenarios.

The SYNCHRO model assumes a free-flow speed of 45 mph, which is the posted speed limit along this segment of Coast Highway 101. The variations between the modeled and survey data are due to variables such as delay at signalized intersections, slower vehicles and changes in vertical grade not considered in the software. This variance is typical with modeling software, particularly for a roadway like this segment of Coast Highway 101, when there are a small number of signalized intersections and rolling terrain.

4. EXISTING PLUS PROJECT CONDITIONS

This chapter presents the operational analysis of Existing Plus Project conditions, which evaluates how existing traffic volumes would be affected by the proposed project. **Figure 4-1** illustrates the intersection and roadway lane geometrics with the Encinitas Coastal Rail Trail Project. As shown, the section of Coast Highway 101 that is four-lanes (south of the San Elijo Campground northern boundary to Chesterfield Drive) under existing conditions is reduced to two-lanes with the proposed project. However, four lanes are maintained through the intersection of Coast Highway 101/Chesterfield Drive. Along Coast Highway 101, one through lane in each direction will be removed through the intersection at the Day Use Campground parking lot and at the Campground Main Entrance and existing right turn and left turn lanes will be maintained. For all other intersections, the existing intersection geometry will remain unchanged with the project.

4.1 Existing Plus Project Intersection Operational Analysis

Table 4-1 displays the operational analysis results for the study intersections under Existing Plus Project conditions. **Appendix C** contains the intersection LOS worksheets. As shown in Table 4-1, the study intersections are forecast to continue operating at acceptable levels of service (LOS D or better) during the peak hours under Existing Plus Project conditions.

Table 4-1: Existing Plus Project Conditions Intersection Operational Analysis

#	Intersection	Traffic Control	Peak Hour	Existing Conditions		Existing Plus Project		Change in Delay (seconds)
				Delay[a] (seconds)	LOS [b]	Delay[a] (seconds)	LOS [b]	
1	Coast Highway 101 @ Swami's Pedestrian Crossing	Signal	AM	5.8	A	5.8	A	0.0
			PM	3.3	A	3.3	A	0.0
2	Coast Highway 101 @ Swami's Parking Lot	OWSC	AM	27.4	D	27.4	D	0.0
			PM	17.6	C	17.6	C	0.0
3	Coast Highway 101 @ Campground Day Use Lot	OWSC	AM	17.7	C	26.2	D	+8.5
			PM	12.9	B	15.3	C	+2.4
4	Coast Highway 101 @ Campground Main Entrance	OWSC	AM	16.6	C	24.5	C	+7.9
			PM	13.2	B	15.7	C	+2.5
5	Coast Highway 101 @ Chesterfield Drive	Signal	AM	24.5	C	27.4	C	+2.9
			PM	23.8	C	24.0	C	+0.2
6	San Elijo Avenue @ Santa Fe Drive	AWS	AM	35.0	D	35.0	D	0.0
			PM	12.6	B	12.6	B	0.0
7	San Elijo Avenue @ Birmingham Drive	Signal	AM	16.2	B	16.2	B	0.0
			PM	16.7	B	16.7	B	0.0
8	San Elijo Avenue @ Chesterfield Drive	Signal	AM	26.8	C	26.8	C	0.0
			PM	17.1	B	17.1	B	0.0

Signal: Traffic signal, OWSC: One-way stopped control, AWS: All-way stopped control
Bold values indicate intersections operating at LOS E or F.
Notes:
[a] Delays are reported as the average control delay for the entire intersection at signalized intersections and the worst movement at unsignalized intersections.

[b] LOS calculations are based on the methodology outlined in the *2010 Highway Capacity Manual* (HCM) and performed using SYNCHRO 9.

4.2 Existing Plus Project Roadway Segment Analysis

Table 4-2 displays the operational analysis results for the roadway segments under Existing Plus Project conditions. As shown in Table 4-2, the study roadway segments would continue operating at acceptable levels of service under Existing Plus Project conditions according to the General Plan threshold of LOS D or better. .

Table 4-2: Existing Plus Project Conditions Roadway Segment Operational Analysis

Roadway Segment (From-To)	Existing No Project			Existing With Project			
	Classification (Capacity at LOS E)	ADT Volume	LOS	Classification (Capacity at LOS E)	ADT Volume	V/C	Level of Service [1]
Coast Highway 101 Swami's Ped Crossing to Day Use Parking	2 Lane Augmented Collector [2] (20,000)	15,271	LOS C or Better	2 Lane Augmented Collector [2] (20,000)	15,271	0.76	LOS C or Better
Coast Highway 101 Day Use Parking to Campground Entrance	4 Lane Collector (32,400)	15,271	LOS C or Better	2 Lane Augmented Collector [2] (20,000)	15,271	0.76	LOS C or Better
Coast Highway 101 South of Campground Entrance to Chesterfield Drive	4 Lane Collector (32,400)	15,002	LOS C or Better	2 Lane Augmented Collector [2] (20,000)	15,002	0.75	LOS C or Better
San Elijo Avenue Santa Fe to Birmingham Drive	2 Lane Local (14,000)	8,189	LOS C or Better	2 Lane Local (14,000)	8,189	0.41	LOS C or Better
San Elijo Avenue Birmingham Drive to Chesterfield Drive	2 Lane Augmented Local [3] (20,000)	13,166	LOS C or Better	2 Lane Augmented Local [3] (20,000)	13,166	0.66	LOS C or Better

Notes:

[1] Refer to Table 2-2 for capacity thresholds by classification used to determine levels of service.

[2] Dedicated turn lanes and traffic signals are provided along this segment of Coast Highway, which increase the overall capacity by reducing friction at intersections and improving traffic flow. The lack of access points along this segment coupled with limited on-street parking further improve traffic flow. Therefore, the "augmented" classification has been added to reflect these capacity enhancements.

[3] Dedicated turn lanes and traffic signals are provided along this segment of San Elijo Avenue, which increase the overall capacity by reducing friction at intersections and improving traffic flow. Therefore, the "augmented" classification has been added to reflect these capacity enhancements.

Encinitas Coastal Rail Trail

Figure 4-1

Intersection and Roadway Geometry With Encinitas Coastal Rail Trail Project

4.3 Existing Plus Project Travel Time Analysis

The Existing Plus Project travel time analysis shows how implementation of the proposed project would affect travel times for existing vehicle traffic along Coast Highway 101. As shown in **Table 4-3**, implementation of the proposed project would increase travel times for existing vehicle traffic along Coast Highway 101 by approximately 23 seconds northbound in both the AM and PM peak periods, and approximately 11 and 9 seconds southbound during the AM and PM peak periods, respectively.

Table 4-3: Existing Plus Project Model and Actual Travel Time Run Comparison

Peak Period	Direction	Existing Travel Time Results (Average Observed) min:sec	SYNCHRO Results			Forecast Existing With Project – Calibrated (min:sec)
			Existing (min:sec)	Existing With Project (min:sec)	Net Change in Travel Time (1)	
AM	NB	1:58	1:45	2:08	+23 seconds	2:21
	SB	2:11	2:04	2:15	+11 seconds	2:22
PM	NB	1:59	1:46	2:09	+23 seconds	2:22
	SB	2:05	1:53	2:02	+9 seconds	2:14

Note:

(1) Net Change in Travel Time is the difference between the model results for Existing Without Project and Existing With Project, which is then applied to the Observed Travel Time results to determine the travel time with implementation of the project.

5. YEAR 2035 CONDITIONS

The methodology for forecasting Year 2035 volumes is summarized in detail in Section 2 (Analysis Approach and Methodology). **Figure 5-1** illustrates the Year 2035 daily and peak hour traffic volumes without the Project used in the analysis of the Year 2035 conditions. Year 2035 daily and peak hour traffic volumes for the "With Project" conditions are illustrated in **Figure 5-2**.

5.1 Year 2035 Intersection Operational Analysis

Table 5-1 summarizes the results of the Year 2035 conditions intersection operations analysis without and with the proposed project. LOS analysis worksheets are provided in **Appendix E and Appendix F** for the Year 2035 without project and with project scenarios, respectively. As shown in Table 5-1, under Year 2035 conditions without the project, the study intersections are forecast to operate at acceptable LOS (LOS D or better) except for the Coast Highway 101 / Swami's Parking Lot Access intersection, which is forecast to operate at a deficient LOS E during the AM peak hour. The LOS E condition is a result of the delay on the stop-controlled eastbound approach (vehicles leaving the Swami's parking lot) at the intersection. However, with implementation of the proposed project, operations at this intersection would improve to LOS D, which is considered acceptable according to the City of Encinitas General Plan.

Figure 5-1

Horizon Year 2035 Daily and Peak Hour TrafficVolumes Without Project (Baseline)

Figure 5-2

Horizon Year 2035 Daily and Peak Hour Traffic Volumes With Project

Table 5-1: Year 2035 Intersection Operational Analysis

#	Intersection	Traffic Control	Peak Hour	Year 2035 No Project		Year 2035 With Project		Change in Delay (seconds)
				Delay[a] (seconds)	LOS [b]	Delay[a] (seconds)	LOS [b]	
1	Coast Highway 101 @ Swami's Pedestrian Crossing	Signal	AM	8.1	A	5.4	A	-2.7
			PM	3.2	A	3.3	A	+0.1
2	Coast Highway 101 @ Swami's Parking Lot	OWSC	AM	**38.4**	**E**	31.8	D	-6.6
			PM	21.7	C	19.4	C	-2.3
3	Coast Highway 101 @ Campground Day Use Lot	OWSC	AM	21.9	C	26.3	D	+4.4
			PM	14.3	B	15.5	C	+1.2
4	Coast Highway 101 @ Campground Main Entrance	OWSC	AM	19.3	C	24.1	C	+4.8
			PM	14.5	B	15.6	C	-1.1
5	Coast Highway 101 @ Chesterfield Drive	Signal	AM	28.0	C	26.8	C	-1.2
			PM	23.8	C	22.3	C	-1.5
6	San Elijo Avenue @ Santa Fe Drive	Signal [c]	AM	24.1	C	34.7	C	+10.6
			PM	29.1	C	31.6	C	+2.5
7	San Elijo Avenue @ Birmingham Drive	Signal	AM	17.3	B	18.8	B	+1.5
			PM	18.7	B	19.6	B	+0.9
8	San Elijo Avenue @ Chesterfield Drive	Signal	AM	44.6	D	35.3	D	-9.3
			PM	38.2	D	25.8	C	-12.4

Signal: Traffic signal, OWSC: One-way stopped control
Bold values indicate intersections operating at LOS E or F.

Notes:

[a] Delays are reported as the average control delay for the entire intersection at signalized intersections. For one-way stop controlled intersections, delay is reported for the movement with the highest delay.

[b] LOS calculations are based on the methodology outlined in the *2010 Highway Capacity Manual* (HCM) and performed using SYNCHRO 9.

[c] The traffic model for year 2035 assumes a traffic signal at this intersection. Without the traffic signal, the intersection operates at LOS F without and with the project.

5.2 Year 2035 Plus Project Roadway Segment Operational Analysis

Table 5-2 displays the operational analysis results for the roadway segments under Year 2035 Plus Project conditions. As shown, all roadway segments are forecast to operate at acceptable LOS with the project under Year 2035 Conditions with the Project.

Table 5-2: Year 2035 Conditions Roadway Segment Operational Analysis

	Year 2035 No Project			Year 2035 With Project			
Roadway Segment	**Classification (Capacity @LOS E)**	**ADT Volume**	**Level of Service (1)**	**Classification (Capacity @LOS E)**	**ADT Volume**	**V/C**	**Level of Service (1)**
Coast Highway 101 Swami's Ped Crossing to Day Use Parking	2 Lane Augmented Collector (2) (20,000)	18,100	LOS E	2 Lane Augmented Collector (2) (20,000)	14,900	0.75	LOS C or Better
Coast Highway 101 Day Use Parking to Campground Entrance	4 Lane Collector (32,400)	18,100	LOS C or Better	2 Lane Augmented Collector (2) (20,000)	14,900	0.75	LOS C or Better
Coast Highway 101 South of Campground Entrance	4 Lane Collector (32,400)	17,750	LOS C or Better	2 Lane Augmented Collector (2) (20,000)	14,600	0.73	LOS C or Better
San Elijo Avenue Santa Fe to Birmingham Drive	2 Lane Local (14,000)	9,200	LOS C or Better	2 Lane Local (14,000)	10,800	0.54	LOS C or Better
San Elijo Avenue Birmingham Drive to Chesterfield Drive	2 Lane Augmented Local (3) (20,000)	13,500	LOS C or Better	2 Lane Augmented Local (3) (20,000)	14,600	0.73	LOS C or Better

Notes:

(1) Refer to Table 2-2 for capacity thresholds by classification used to determine levels of service.

(2) Dedicated turn lanes and traffic signals are provided along this segment of Coast Highway, which increase the overall capacity by reducing friction at intersections and improving traffic flow. The lack of access points along this segment coupled with limited on-street parking further improve traffic flow. Therefore, the "augmented" classification has been added to reflect these capacity enhancements.

(3) Dedicated turn lanes and traffic signals are provided along this segment of San Elijo Avenue, which increase the overall capacity by reducing friction at intersections and improving traffic flow. Therefore, the "augmented" classification has been added to reflect these capacity enhancements.

5.3 Year 2035 Travel Time Analysis

Table 5-3 summarizes the travel time analysis based on the results of the SYNCHRO model runs. Similar to existing conditions, the project results in a change in travel time of approximately 10.3 to 23.1 seconds during the peak periods, a nominal change in travel time over a distance of approximately 1.3 miles.

Table 5-3: Year 2035 Travel Time Analysis Results

Peak Period	Direction	Existing Travel Time Results (Average Observed) min:sec	SYNCHRO Results (min:sec)				Forecast Year 2035 Baseline – Calibrated min:sec	Forecast Year 2035 With Project – Calibrated min:sec
			Existing Baseline (1)	Year 2035 Baseline	Year 2035 With Project	Net Change in Travel Time (2)		
AM	NB	1:58	1:45	1:45	2:08	+23 sec	1:58	2:21
	SB	2:11	2:04	2:04	2:15	+11 sec	2:11	2:22
PM	NB	1:59	1:46	1:46	2:09	+23 sec	1:59	2:22
	SB	2:05	1:53	1:52	2:03	+11 sec	2:05	2:16

Notes:

(1) As shown in the table, there is little to no difference in the Synchro model results for the existing and the future conditions. Therefore, the change in future conditions was applied directly to the existing travel time results to determine the future year conditions with project.

(2) Difference between Future with Project and Future Baseline Conditions

6. QUEUING IN CAMPGROUND ENTRY LANES

The existing main campground entrance has two entry lanes for queued vehicles arriving and checking in at the San Elijo Campground. Immediately upstream from the two entry lanes, there is a flared curb with a no parking zone along southbound Coast Highway 101 to allow for additional vehicular queuing during peak summer and holiday weekends.

Figure 10: Looking north (top photo) and south (bottom photo) near the Campground Entrance.

The two entry lanes are approximately 300 feet in length to the campground entry station, which provides a total of 600 feet of stacking for queued vehicles. The flared curb provides an additional 215 feet of stacking beyond the entry lanes to accommodate queuing during peak arrival periods. Many of the campers at San Elijo Campground arrive in RVs, which range from 30 to 50 feet in length, which means that 5 to 7 vehicles per lane is the maximum storage capacity under the existing and proposed conditions.

The two entry lanes and the flared curb will remain relatively unchanged by the proposed project. However, the proposed southbound buffered bike lane would be striped adjacent to the flared curb and the Class I trail would cross the entry near the existing pedestrian crossing. During peak arrival times at the campground, queued vehicles may extend beyond the available storage area, which could in turn result in queued vehicles encroaching into the buffered bike lane. It is possible that queuing may spill back beyond the entry lanes during peak arrival times such as Friday afternoons of holiday and summer weekends. The length of the queue is a function of the State Parks guest processing time and the arrival rate of vehicles at Main Entrance to the campground. These factors are outside of the control of SANDAG and the City of Encinitas, however the City and SANDAG should work with State Parks to identify potential solutions to manage queuing particularly during the peak times. Potential solutions that may be discussed with State Parks to address peak period campground queuing that may impede the bicycle and/or travel lanes include:

- Shift the guest processing location further into the campground to accommodate a longer queue on-site
- Identify and implement methods to increase the speed of processing guests or process guests
    - Assign arrival time appointments spreading the arrivals out

  - Conduct guest check in at the camp site.
  - Increase staffing and operate both lanes during peak arrival teams
  - Conduct electronic check in or improved efficiency at the check-in station
- Extend the "No Parking" zone along southbound Coast Highway 101 on Fridays and holidays, particularly during summer months to avoid queuing in the vehicular or bicycle lanes.

On the outbound approach from the campsite, there exists a northbound acceleration lane for vehicles turning left from the campground onto Highway 101. The acceleration lane allows the larger, slower moving RVs to reach the corridor free-flow speed and enter the traffic flow. It also allows vehicles to cross one direction of traffic at a time. The existing acceleration lane will be maintained with the project.

Appendix A

Traffic Count Data ɤ {ƛƎyƖ·f ¢ƛYˇƛyƎ {KŜŜüă

INTERSECTION: San Elijo & Chesterfield

Group Assignment: **4004**
Field Master Assignment: **NONE**
System Reference Number: **12**

N/S Street Name: **San Elijo**
E/W Street Name: **Chesterfield**

Last Database Change: **10/25/2010 7:02**

Change Record					
Change	By	Date	Change	By	Date

Notes:

Drop Number	1	<C+0+0>
Zone Number	1	<C+0+1>
Area Number	1	<C+0+2>
Area Address	49	<C+0+3>
QuicNet Channel	COM9:	(QuicNet)

Communication Addresses

Manual Plan		<C+A+1>
Manual Offset		<C+B+1>

Manual Selection

Max Initial	20	<F+0+E>
Red Revert	5.0	<F+0+F>
All Red Start	5.0	<F+C+0>

Start / Revert Times

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	5	5	0	5	0	0	0	0
1	Ped FDW	18	10	0	10	0	0	0	0
2	Min Green	10	6	0	6	0	0	0	6
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Veh Extension	2.0	2.0	0.0	2.0	0.0	0.0	0.0	2.0
6	Max Gap	5.0	2.0	0.0	2.0	0.0	0.0	0.0	2.0
7	Min Gap	5.0	2.0	0.0	2.0	0.0	0.0	0.0	2.0
8	Max Limit	30	20	0	20	0	0	0	20
9	Max Limit 2	40	30	0	30	0	0	0	40
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
D	Reduce Every	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	Yellow Change	3.0	3.0	0.0	3.2	0.0	0.0	0.0	3.2
F	Red Clear	1.0	0.5	0.0	0.5	0.0	0.0	0.0	0.5

Phase Timing - Bank 1 <F Page>

	E
RR-1 Delay	0
RR-1 Clear	15
EV-A Delay	0
EV-A Clear	7
EV-B Delay	0
EV-B Clear	7
EV-C Delay	0
EV-C Clear	7
EV-D Delay	0
EV-D Clear	7
RR-2 Delay	0
RR-2 Clear	10
View EV Delay	- - -
View EV Clear	- - -
View RR Delay	- - -
View RR Clear	- - -

Preempt Timing

Row		F
0	Permit	12_4___8
1	Red Lock	_____
2	Yellow Lock	1_____
3	Min Recall	_____
4	Ped Recall	_____
5	*View Set Peds*	- - - - -
6	Rest In Walk	_____
7	Red Rest	_____
8	Dual Entry	___4___8
9	Max Recall	_____
A	Soft Recall	1_____
B	Max 2	_____
C	Cond. Service	_____
D	Man Cntrl Calls	_____
E	Yellow Start	___4___8
F	First Phases	1_____

Phase Functions <F Page>

Manual Plan
0 = Automatic
1-9 = Plan 1-9
14 = Free
15 = Flash

Manual Offset
0 = Automatic
1 = Offset A
2 = Offset B
3 = Offset C

INTERSECTION: S Coast Hwy 101 - Swami

Group Assignment: **NONE**
Field Master Assignment: **NONE**
System Reference Number: **54**

N/S Street Name: **South Coast Hwy 101**
E/W Street Name: **Swami's ped crossing**

Last Database Change: **9/8/2015 13:21**

Change Record					
Change	By	Date	Change	By	Date

Notes:

Manual Plan
0 = Automatic
1-9 = Plan 1-9
14 = Free
15 = Flash

Manual Offset
0 = Automatic
1 = Offset A
2 = Offset B
3 = Offset C

Drop Number	2	<C/0+0+0>
Zone Number	1	<C/0+0+1>
Area Number	2	<C/0+0+2>
Area Address	2	<C/0+0+3>
QuicNet Channel	?:8001:192.169.10	(QuicNet)

Communication Addresses

Manual Plan		<C/0+A+1>
Manual Offset		<C/0+B+1>

Manual Selection

Flash Start	0	<F/1+0+E>
Red Revert	5.0	<F/1+0+F>
All Red Start	5.0	<F/1+C+0>

Start / Revert Times

Exclusive Walk	0	<F/1+0+0>
Exclusive FDW	0	<F/1+0+1>
All Red Clear	0.0	<F/1+0+2>

Exclusive Ped Phase
(Outputs specified in Assignable Outputs at E/127+A+E & F)

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	0	0	0	5	0	0	0	0
1	Ped FDW	0	0	0	16	0	0	0	0
2	Min Green	0	7	0	2	0	7	0	0
3	Type 3 Disconnect	0	0	0	0	0	0	0	0
4	Added per Vehicle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Veh Extension	0.0	4.0	0.0	0.0	0.0	4.0	0.0	0.0
6	Max Gap	0.0	5.0	0.0	2.0	0.0	5.0	0.0	0.0
7	Min Gap	0.0	3.0	0.0	2.0	0.0	3.0	0.0	0.0
8	Max Limit	0	75	0	25	0	75	0	0
9	Max Limit 2	0	0	0	0	0	0	0	0
A	Adv. / Delay Walk	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	0	0	0	0	0	0	0	0
C	Cond Serv Check	0	0	0	0	0	0	0	0
D	Reduce Every	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0
E	Yellow Change	0.0	4.3	0.0	0.0	0.0	4.3	0.0	0.0
F	Red Clear	0.0	1.0	0.0	4.0	0.0	1.0	0.0	0.0

Phase Timing - Bank 1 <C+0+F=1>

	9	A	B	C	D
	- - -	- - -	- - -	- - -	- - -
Phase 1	0	0	0	0	0.0
Phase 2	20	0	0	0	0.0
Phase 3	0	0	0	0	0.0
Phase 4	20	0	0	0	0.0
Phase 5	0	0	0	0	0.0
Phase 6	20	0	0	0	0.0
Phase 7	0	0	0	0	0.0
Phase 8	20	0	0	0	0.0
Max Initial					
Alternate Walk					
Alternate FDW					
Alternate Initial					
Alternate Extension					

Alternate Timing <C+0+F=1>

	E
RR-1 Delay	0
RR-1 Clear	0
EV-A Delay	0
EV-A Clear	0
EV-B Delay	0
EV-B Clear	0
EV-C Delay	0
EV-C Clear	0
EV-D Delay	0
EV-D Clear	0
RR-2 Delay	0
RR-2 Clear	0
View EV Delay	- - -
View EV Clear	- - -
View RR Delay	- - -
View RR Clear	- - -

Preempt Timing

Row		F
0	Permit	_2_4_6__
1	Red Lock	___4____
2	Yellow Lock	_____
3	Min Recall	_2___6__
4	Ped Recall	_____
5	*View Set Peds*	- - - - -
6	Rest In Walk	_____
7	Red Rest	_____
8	Dual Entry	_____
9	Max Recall	_____
A	Soft Recall	_____
B	Max 2	_____
C	Cond. Service	_____
D	Man Cntrl Calls	_____
E	Yellow Start	_____
F	First Phases	_2___6__

Phase Functions <C+0+F=1>

Row	Column Numbers ---->	Overlap 1	2	3	4	5	6	7	8
	Overlap Name ----->								
0	Load Switch Number	0	0	0	0	0	0	0	0
1	Veh Set 1 - Phases								
2	Veh Set 2 - Phases								
3	Veh Set 3 - Phases								
4	Neg Veh Phases								
5	Neg Ped Phases								
6	Green Omit Phases								
7	Green Clear Omit Phs.								
8									
9									
A									
B									
C									
D	Green Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	Yellow Change	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
F	Red Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Overlap Assignments <C+0+E=29>

Extra 1 Flags
1 = TBC Type 1
2 = NEMA Ext. Coord
3 = Auto Daylight Savings
4 = Solid FDW on EV
5 = Extended Status
6 = International Ped
7 = Flash - Clear Outputs
8 = Split Ring

Extra 2 Flags
1 = AWB During Initial
2 = LMU Installed
3 = Disable Min Walk
4 = QuicNet/4 System
5 = Ignore P/P on EV
6 =
7 = Reserved
8 =

	C	Row
EV-A	0	0
EV-B	0	1
EV-C	0	2
EV-D	0	3
RR-1 *	- - -	4
RR-2 *	- - -	5
SE-1	0	6
SE-2	0	7

Preempt Priority
<C+0+E=125>
(* RR-1 is always Highest, and RR-2 is always Second Highest)

Row	Column Numbers ---->	E
0	Exclusive Phases	
1	RR-1 Clear Phases	
2	RR-2 Clear Phases	
3	RR-2 Limited Service	
4	Prot / Perm Phases	
5	Flash to PE Circuits	
6	Flash Entry Phases	
7	Disable Yellow Range	4
8	Disable Ovp Yel Range	
9	Overlap Yellow Flash	
A	EV-A Phases	2 5
B	EV-B Phases	
C	EV-C Phases	1 6
D	EV-D Phases	
E	Extra 1 Config. Bits	1 3 5
F	IC Select (Interconnect)	2

Configuration <C+0+E=125>

	F
Ext. Permit 1 Phases	
Ext. Permit 2 Phases	
Exclusive Ped Assign	
Preempt Non-Lock	12345678
Ped for 2P Output	
Ped for 6P Output	
Ped for 4P Output	4
Ped for 8P Output	
Yellow Flash Phases	
Low Priority A Phases	
Low Priority B Phases	
Low Priority C Phases	
Low Priority D Phases	
Restricted Phases	
Extra 2 Config. Bits	4

Configuration <C+0+E=125>

	F
Fast Green Flash Phase	
Green Flash Phases	
Flashing Walk Phases	
Guaranteed Passage	
Simultaneous Gap Term	12345678
Sequential Timing	
Advance Walk Phases	
Delay Walk Phases	
External Recall	
Start-up Overlap Green	
Max Extension	
Inhibit Ped Reservice	
Semi-Actuated	
Start-up Overlap Yellow	
Start-up Vehicle Calls	2 6
Start-up Ped Calls	4

Specials <C+0+F=2>

Flash to PE & PE Non-Lock
1 = EV A 5 = RR 1
2 = EV B 6 = RR 2
3 = EV C 7 = SE 1
4 = EV D 8 = SE 2

IC Select Flags
1 =
2 = Modem
3 = 7-Wire Slave
4 = Flash / Free
5 =
6 = Simplex Master
7 = 7-Wire Master
8 = Offset Interrupter

	2	Row
		0
Phase 1	10	1
Phase 2	10	2
Phase 3	10	3
Phase 4	10	4
Phase 5	10	5
Phase 6	10	6
Phase 7	10	7
Phase 8	10	8
		9
		A
		B
		C
		D
		E
		F

Coordination Transition Minimums
<C+0+C=5>

Coord Extra
1 = Programmed WALK Time for Sync Phases
2 = Always Terminate Sync Phase Peds

Row	*Column Numbers ----> / Plan Name ----> *	Plan 1	2	3	4	5	6	7	8	9	Row
0	Cycle Length	0	0	0	0	0	0	0	0	0	0
1	Phase 1 - ForceOff	0	0	0	0	0	0	0	0	0	1
2	Phase 2 - ForceOff	0	0	0	0	0	0	0	0	0	2
3	Phase 3 - ForceOff	0	0	0	0	0	0	0	0	0	3
4	Phase 4 - ForceOff	0	0	0	0	0	0	0	0	0	4
5	Phase 5 - ForceOff	0	0	0	0	0	0	0	0	0	5
6	Phase 6 - ForceOff	0	0	0	0	0	0	0	0	0	6
7	Phase 7 - ForceOff	0	0	0	0	0	0	0	0	0	7
8	Phase 8 - ForceOff	0	0	0	0	0	0	0	0	0	8
9	Ring Offset	0	0	0	0	0	0	0	0	0	9
A	Offset 1	0	0	0	0	0	0	0	0	0	A
B	Offset 2	0	0	0	0	0	0	0	0	0	B
C	Offset 3	0	0	0	0	0	0	0	0	0	C
D	Perm 1 - End	0	0	0	0	0	0	0	0	0	D
E	Hold Release	0	0	0	0	0	0	0	0	0	E
F	Zone Offset	0	0	0	0	0	0	0	0	0	F

Coordination - Bank 1 <C+0+C=1>

	E	Row
		0
Plan 1 - Sync	_2___6__	1
Plan 2 - Sync	_2___6__	2
Plan 3 - Sync	_2___6__	3
Plan 4 - Sync	_2___6__	4
Plan 5 - Sync	_2___6__	5
Plan 6 - Sync	_2___6__	6
Plan 7 - Sync	_2___6__	7
Plan 8 - Sync	_2___6__	8
Plan 9 - Sync	_2___6__	9
NEMA Sync	_____	A
NEMA Hold	_____	B
		C
		D
Coord Extra	_____	E
		F

Sync Phases <C+0+C=1>

Row											Row
0	Ped Adjustment	0	0	0	0	0	0	0	0	0	0
1	Perm 2 - Start	0	0	0	0	0	0	0	0	0	1
2	Perm 2 - End	0	0	0	0	0	0	0	0	0	2
3	Perm 3 - Start	0	0	0	0	0	0	0	0	0	3
4	Perm 3 - End	0	0	0	0	0	0	0	0	0	4
5	Reservice Time	0	0	0	0	0	0	0	0	0	5
6	Reservice Phases	_____	_____	_____	_____	_____	_____	_____	_____	_____	6
7											7
8	Pretimed Phases	_____	_____	_____	_____	_____	_____	_____	_____	_____	8
9	Max Recall	_____	_____	_____	_____	_____	_____	_____	_____	_____	9
A	Perm 1 Veh Phase	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	A
B	Perm 1 Ped Phase	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	B
C	Perm 2 Veh Phase	_____	_____	_____	_____	_____	_____	_____	_____	_____	C
D	Perm 2 Ped Phase	_____	_____	_____	_____	_____	_____	_____	_____	_____	D
E	Perm 3 Veh Phase	_____	_____	_____	_____	_____	_____	_____	_____	_____	E
F	Perm 3 Ped Phase	_____	_____	_____	_____	_____	_____	_____	_____	_____	F

Coordination - Bank 2 <C+0+C=2>

	F	Row
Free Lag	_2_4_6_8	0
Plan 1 - Lag	_2_4_6_8	1
Plan 2 - Lag	_2_4_6_8	2
Plan 3 - Lag	_2_4_6_8	3
Plan 4 - Lag	_2_4_6_8	4
Plan 5 - Lag	_2_4_6_8	5
Plan 6 - Lag	_2_4_6_8	6
Plan 7 - Lag	_2_4_6_8	7
Plan 8 - Lag	_2_4_6_8	8
Plan 9 - Lag	_2_4_6_8	9
External Lag	_____	A
		B
		C
		D
		E
		F

Lag Phases <C+0+C=1>

Row	Column 9		Column A		Column B		Column C		Column D		Column E		Column F		Row
0	Spec. Funct. 1	0	NOT-3	0	Max 2	0	Pretimed	0	Set Monday	0	Dial 2 (7-Wire)	0	Sim Term	0	0
1	Spec. Funct. 2	0	NOT-4	0	System Det 1	0	Plan 1	0	Ext. Perm 1	0	Dial 3 (7-Wire)	0	EV-A	71	1
2	Spec. Funct. 3	0	OR-4 (a)	0	System Det 2	40	Plan 2	0	Ext. Perm 2	0	Offset 1 (7-Wire)	0	EV-B	72	2
3	Spec. Funct. 4	0	OR-4 (b)	0	System Det 3	63	Plan 3	0	Dimming	0	Offset 2 (7-Wire)	0	EV-C	73	3
4	NAND-3 (a)	0	OR-5 (a)	0	System Det 4	76	Plan 4	0	Set Clock	0	Offset 3 (7-Wire)	0	EV-D	74	4
5	NAND-3 (b)	0	OR-5 (b)	0	System Det 5	43	Plan 5	0	Stop Time	82	Free (7-Wire)	0	RR-1	51	5
6	NAND-4 (a)	0	OR-6 (a)	0	System Det 6	44	Plan 6	0	Flash Sense	81	Flash (7-Wire)	0	RR-2	52	6
7	NAND-4 (b)	0	OR-6 (b)	0	System Det 7	0	Plan 7	0	Manual Enable	0	Excl. Ped Omit	0	Spec. Event 1	0	7
8	OR-7 (a)	0	Fig 3 Diamond	0	System Det 8	0	Plan 8	0	Man. Advance	0	NOT-1	0	Spec. Event 2	0	8
9	OR-7 (b)	0	Fig 4 Diamond	0	Max Inhibit (nema)	0	Plan 9	0	External Alarm	0	NOT-2	0	External Lag	0	9
A	OR-7 (c)	0	AND-4 (a)	0	Force A (nema)	0	DELAY-A	0	Phase Bank 2	0	OR-1 (a)	0	AND-1 (a)	0	A
B	OR-7 (d)	0	AND-4 (b)	0	Force B (nema)	0	DELAY-B	0	Phase Bank 3	0	OR-1 (b)	0	AND-1 (b)	0	B
C	OR-8 (a)	0	NAND-1 (a)	0	C.N.A. (nema)	0	DELAY-C	0	Overlap Set 2	0	OR-2 (a)	0	AND-2 (a)	0	C
D	OR-8 (b)	0	NAND-1 (b)	0	Hold (nema)	0	DELAY-D	0	Overlap Set 3	0	OR-2 (b)	0	AND-2 (b)	0	D
E	OR-8 (c)	0	NAND-2 (a)	0	Max Recall	0	DELAY-E	0	Detector Set 2	0	OR-3 (a)	0	AND-3 (a)	0	E
F	OR-8 (d)	0	NAND-2 (b)	0	Min Recall	0	DELAY-F	0	Detector Set 3	0	OR-3 (b)	0	AND-3 (b)	0	F

Assignable Inputs <C+0+E=126>

Row	Column 9		Column A		Column B		Column C		Column D		Column E		Column F		Row
0	Phase ON - 1	0	Preempt Fail	0	Flasher 0	0	Free	0	NOT-1	0	TOD Out 1	0	Dial 2 (7-Wire)	0	0
1	Phase ON - 2	0	Sp Evnt Out 1	0	Flasher 1	0	Plan 1	0	OR-1	0	TOD Out 2	0	Dial 3 (7-Wire)	0	1
2	Phase ON - 3	0	Sp Evnt Out 2	0	Fast Flasher	0	Plan 2	0	OR-2	0	TOD Out 3	0	Offset 1 (7-Wire)	0	2
3	Phase ON - 4	0	Sp Evnt Out 3	0	Fig 3 Diamond	0	Plan 3	0	OR-3	0	TOD Out 4	0	Offset 2 (7-Wire)	0	3
4	Phase ON - 5	0	Sp Evnt Out 4	0	Fig 4 Diamond	0	Plan 4	0	AND-1	0	TOD Out 5	0	Offset 3 (7-Wire)	0	4
5	Phase ON - 6	0	Sp Evnt Out 5	0			Plan 5	0	AND-2	0	TOD Out 6	0	Free (7-Wire)	0	5
6	Phase ON - 7	0	Sp Evnt Out 6	0			Plan 6	0	AND-3	0	TOD Out 7	0	Flash (7-Wire)	0	6
7	Phase ON - 8	0	Sp Evnt Out 7	0			Plan 7	0	NOT-2	0	TOD Out 8	0	Preempt	0	7
8	Ph. Check - 1	0	Sp Evnt Out 8	0	NOT-3	0	Plan 8	0	EV-A	0	Adv. Warn - 1	0	Low Priority A	0	8
9	Ph. Check - 2	0			NOT-4	0	Plan 9	0	EV-B	0	Adv. Warn - 2	0	Low Priority B	0	9
A	Ph. Check - 3	0	Detector Fail	0	OR-4	0	Spec. Funct. 3	0	EV-C	0	DELAY-A	0	Low Priority C	0	A
B	Ph. Check - 4	0	Spec. Funct. 1	0	OR-5	0	Spec. Funct. 4	0	EV-D	0	DELAY-B	0	Low Priority D	0	B
C	Ph. Check - 5	0	Spec. Funct. 2	0	OR-6	0	NAND-3	0	RR-1	0	DELAY-C	0			C
D	Ph. Check - 6	0	Central Control	0	AND-4	0	NAND-4	0	RR-2	0	DELAY-D	0			D
E	Ph. Check - 7	0	Excl. Ped DW	0	NAND-1	0	OR-7	0	Spec. Event 1	0	DELAY-E	0			E
F	Ph. Check - 8	0	Excl. Ped WK	0	NAND-2	0	OR-8	0	Spec. Event 2	0	DELAY-F	0			F

Assignable Outputs <C+0+E=127>

Row	Phase Names ---->	1	2	3	4	5	6	7	8
0	Ped Walk	0	0	0	5	0	0	0	0
1	Ped FDW	0	0	0	16	0	0	0	0
2	Min Green	0	7	0	2	0	7	0	0
3	Type 3 Disconnect	0	0	0	0	0	0	0	0
4	Added per Vehicle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Veh Extension	0.0	4.0	0.0	0.0	0.0	4.0	0.0	0.0
6	Max Gap	0.0	4.0	0.0	2.0	0.0	4.0	0.0	0.0
7	Min Gap	0.0	4.0	0.0	2.0	0.0	4.0	0.0	0.0
8	Max Limit	0	60	0	25	0	60	0	0
9	Max Limit 2	0	0	0	0	0	0	0	0
A	Adv. / Delay Walk	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	0	0	0	0	0	0	0	0
C	Cond Serv Check	0	0	0	0	0	0	0	0
D	Reduce Every	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	Yellow Change	0.0	4.0	0.0	0.0	0.0	4.0	0.0	0.0
F	Red Clear	0.0	3.0	0.0	2.0	0.0	1.0	0.0	0.0

Phase Timing - Bank 2 <C+0+F=2>

	9	A	B	C	D
	- - -	- - -	- - -	- - -	- - -
Phase 1	0	0	0	0	0.0
Phase 2	20	0	0	0	0.0
Phase 3	0	0	0	0	0.0
Phase 4	20	0	0	0	0.0
Phase 5	0	0	0	0	0.0
Phase 6	20	0	0	0	0.0
Phase 7	0	0	0	0	0.0
Phase 8	20	0	0	0	0.0
Max Initial					
Alternate Walk					
Alternate FDW					
Alternate Initial					
Alternate Extension					

Alternate Timing

Transition Type
0.X = Shortway
1.X = Lengthen
X.1 thru X.4 = Number of cycles when lengthing

Transition Type	0.3	<C/5+1+9>

TBC Transition

Lag Hold Phases	_____	<C/5+1+A>

Coordinated Lag Hold Phases

Sync Output Time	0.0	<C/5+1+C>

7-Wire Master

Daylight Savings Date
If set to all zeros, standard dates will be used.

Begin Month	3	<C/5+2+A>
Begin Week	2	<C/5+2+B>
End Month	11	<C/5+2+C>
End Week	1	<C/5+2+D>

Daylight Savings Time

Time B4 Yellow	0.0	<F/1+C+E>
Phase Number	0	<F/1+C+F>

Advance Warning Beacon - Sign 1

Time B4 Yellow	0.0	<F/1+D+E>
Phase Number	0	<F/1+D+F>

Advance Warning Beacon - Sign 2

Long Failure	0.7	<F/1+0+6>
Short Failure	0.7	<F/1+0+7>

Power Cycle Correction (Default = 0.7)

Row		1	2	3	4	5	6	7	8
0	Ped Walk	0	0	0	5	0	0	0	0
1	Ped FDW	0	0	0	16	0	0	0	0
2	Min Green	0	7	0	2	0	7	0	0
3	Type 3 Disconnect	0	0	0	0	0	0	0	0
4	Added per Vehicle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Veh Extension	0.0	4.0	0.0	0.0	0.0	4.0	0.0	0.0
6	Max Gap	0.0	4.0	0.0	2.0	0.0	4.0	0.0	0.0
7	Min Gap	0.0	4.0	0.0	2.0	0.0	4.0	0.0	0.0
8	Max Limit	0	60	0	25	0	60	0	0
9	Max Limit 2	0	0	0	0	0	0	0	0
A	Adv. / Delay Walk	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	0	0	0	0	0	0	0	0
C	Cond Serv Check	0	0	0	0	0	0	0	0
D	Reduce Every	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	Yellow Change	0.0	4.0	0.0	0.0	0.0	4.0	0.0	0.0
F	Red Clear	0.0	3.0	0.0	2.0	0.0	1.0	0.0	0.0

Phase Timing - Bank 3 <C+0+F=3>

	9	A	B	C	D
	- - -	- - -	- - -	- - -	- - -
Phase 1	0	0	0	0	0.0
Phase 2	20	0	0	0	0.0
Phase 3	0	0	0	0	0.0
Phase 4	20	0	0	0	0.0
Phase 5	0	0	0	0	0.0
Phase 6	20	0	0	0	0.0
Phase 7	0	0	0	0	0.0
Phase 8	20	0	0	0	0.0
Max Initial					
Alternate Walk					
Alternate FDW					
Alternate Initial					
Alternate Extension					

Alternate Timing

Row	Detector Name	C1 Pin Number (0)	Attributes (1)	Phase(s) (2)	Assign (3)	Delay (1)	Carry-over (3)
0		39	45_7_	_2_____	123____8	0.0	0.0
1		40	45_7_	_____6__	123____8	0.0	0.0
2		41	45_7_	___4____	123_____	0.0	0.0
3		42	45_7_	_____8	123_____	0.0	0.0
4		43	45_7_	_2_____	123_____	0.0	0.0
5		44	45_7_	_____6__	123_____	0.0	0.0
6		45	45_7_	___4____	123_____	0.0	0.0
7		46	45_7_	_____8	123_____	0.0	0.0
8		47	67_	_2_____	123_____	0.0	0.0
9		48	67_	_____6__	123_____	0.0	0.0
A		49	67_	___4____	123_____	0.0	0.0
B		50	67_	_____8	123_____	0.0	0.0
C		55	45_7_	____5___	123_____	0.0	0.0
D		56	45_7_	1_____	123_____	0.0	0.0
E		57	45_7_	_____7_	123_____	0.0	0.0
F		58	45_7_	__3_____	123_____	0.0	0.0

Detector Assignments <C+0+E=126> <C+0+D=0>

Row	Detector Name	C1 Pin Number (4)	Attributes (5)	Phase(s) (6)	Assign (7)	Delay (2)	Carry-over (4)
0		59	45_7_	____5___	123_____	0.0	0.0
1		60	45_7_	1_____	123_____	0.0	0.0
2		61	45_7_	_____7_	123_____	0.0	0.0
3		62	45_7_	__3_____	123_____	0.0	0.0
4		63	45_7_	_2_____	123____8	0.0	0.0
5		64	45_7_	_____6__	123_____	0.0	0.0
6		65	45_7_	___4____	123_____	0.0	0.0
7		66	45_7_	_____8	123_____	0.0	0.0
8		67	_2_____	_2_____	123_____	0.0	0.0
9		68	_2_____	_____6__	123_____	0.0	0.0
A		69	_2_____	___4____	123____8	0.0	0.0
B		70	_2_____	_____8	123_____	0.0	0.0
C		76	45_7_	_2_____	123____8	0.0	0.0
D		77	45_7_	_____6__	123_____	0.0	0.0
E		78	45_7_	___4____	123_____	0.0	0.0
F		79	45_7_	_____8	123_____	0.0	0.0

Detector Attributes
1 = Full Time Delay
2 = Ped Call
3 =
4 = Count
5 = Extension
6 = Type 3
7 = Calling
8 = Alternate

Det. Assignments
1 = Det. Set 1
2 = Det. Set 2
3 = Det. Set 3
4 =
5 =
6 = Failure - Min Recall
7 = Failure - Max Recall
8 = Report on Failure

Column Numbers ---->	Ped / Phase / Overlap 1	2	3	4	5	6	7	8	Row
Walk	0	0	0	0	0	0	0	0	0
Don't Walk	0	0	0	0	0	0	0	0	1
Phase Green	0	0	0	0	0	0	0	0	2
Phase Yellow	0	0	0	0	0	0	0	0	3
Phase Red	0	0	0	0	0	0	0	0	4
Overlap Green	0	0	0	0	0	0	0	0	5
Overlap Yellow	0	0	0	0	0	0	0	0	6
Overlap Red	0	0	0	0	0	0	0	0	7

Redirect Phase Outputs <C+0+E=127>

Cabinet Type	0	<E/125+D+0>

Enable Redirection
(Enable Redirection = 30)

Max OFF (minutes)	254	<D/0+0+1>
Max ON (minutes)	5	<D/0+0+2>

Detector Failure Monitor

	D	Row
		0
Output Port 1	_____	1
Output Port 2	_____	2
Output Port 3	_____	3
Output Port 4	_____	4
Output Port 5	_____	5
Output Port 6	_____	6
Output Port 7	_____	7

Dimming <C+0+E=125>

	D
Number of Digits	0
1 st Digit	0
2 ed Digit	0
3 ed Digit	0
4 th Digit	0
5 th Digit	0
6 th Digit	0
7 th Digit	0
8 th Digit	0
9 th Digit	0
10 th Digit	0
11 th Digit	0
12 th Digit	0
13 th Digit	0
14 th Digit	0
15 th Digit	0

<C+0+C=5>

Dial-Back Telephone Number

Disable Alarms
1 = Stop Time
2 = Flash Sense
3 = Keyboard Entry
4 = Manual Plan
5 = Police Control
6 = External Alarm
7 = Detector Failure
8 =

	B	Row
DELAY-A	0	A
DELAY-B	0	B
DELAY-C	0	C
DELAY-D	0	D
DELAY-E	0	E
DELAY-F	0	F

Delay Logic Times
<C+0+D=0> (seconds)

Omit Alarm	_____	<C/5+F+0>

Disable Alarm Reporting

Time	10	<C/5+C+0>

Redial Time (minutes)
(View Redial Timer at E/2+D+6)

Row	Time	Plan	Offset	Day of Week
0	00 : 00	0	0	_____
1	00 : 00	0	0	_____
2	00 : 00	0	0	_____
3	00 : 00	0	0	_____
4	00 : 00	0	0	_____
5	00 : 00	0	0	_____
6	00 : 00	0	0	_____
7	00 : 00	0	0	_____
8	00 : 00	0	0	_____
9	00 : 00	0	0	_____
A	00 : 00	0	0	_____
B	00 : 00	0	0	_____
C	00 : 00	0	0	_____
D	00 : 00	0	0	_____
E	00 : 00	0	0	_____
F	00 : 00	0	0	_____

TOD Coordination <C+0+9=0.1>
(Bank 1)

Time	Funct.	Day of Week	Column 4 Phases/Bits
00 : 00	E	1234567	___4__78
07 : 00	E	1234567	_____78
20 : 00	E	1234567	___4__78
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____

TOD Function <C+0+7=0.1> <C+0+E=27>

Day	Year	Month	Holiday Type
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____

Holiday Dates <C+0+8=1.1>
(Bank 1)

Time	Plan	Offset	Holiday Type
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____

Holiday Events <C+0+9=1.1>
(Bank 1)

T.O.D. Functions
0 =
1 = Red Lock
2 = Yellow Lock
3 = Veh Min Recall
4 = Ped Recall
5 =
6 = Rest In Walk
7 = Red Rest
8 = Double Entry
9 = Veh Max Recall
A = Veh Soft Recall
B = Maximum 2
C = Conditional Service
D = Free Lag Phases
E = Bit 1 - Local Override
Bit 4 - Disable Detector OFF Monitor
Bit 5 - Disable Low Priority Preempt
Bit 7 - Detector Count Monitor
Bit 8 - Real Time Split Monitor
F = Output Bits 1 thru 8

Row	Time	Plan	Offset	Day of Week
0	00 : 00	0	0	_____
1	00 : 00	0	0	_____
2	00 : 00	0	0	_____
3	00 : 00	0	0	_____
4	00 : 00	0	0	_____
5	00 : 00	0	0	_____
6	00 : 00	0	0	_____
7	00 : 00	0	0	_____
8	00 : 00	0	0	_____
9	00 : 00	0	0	_____
A	00 : 00	0	0	_____
B	00 : 00	0	0	_____
C	00 : 00	0	0	_____
D	00 : 00	0	0	_____
E	00 : 00	0	0	_____
F	00 : 00	0	0	_____

TOD Coordination <C+0+9=0.2>
(Bank 2)

Time	Funct.	Holiday Type	Column 4 Phases/Bits
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____

Holiday TOD Function <C+0+7=0.2> <C+0+E=28>

Day	Year	Month	Holiday Type
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____

Holiday Dates <C+0+8=1.2>
(Bank 2)

Time	Plan	Offset	Holiday Type
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____

Holiday Events <C+0+9=1.2>
(Bank 2)

Plan Select
1 thru 9 = Coordination Plan 1 thru 9
14 or E = Free
15 or F = Flash

Offset Select
A = Offset A
B = Offset B
C = Offset C

Month Select
1 = January
2 = February
3 = March
4 = April
5 = May
6 = June
7 = July
8 = August
9 = September
A = October
B = November
C = December

Row	6 Clear	7 Time	8 Ped Call	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Notes:

0 <E/27+5+F>

Limited Service Interval

Special Event Schedule -- Table 1 <C+0+E=27>

Row	6 Clear	7 Time	8 Ped Call	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Notes:

0 <E/28+5+F>

Limited Service Interval

Special Event Schedule -- Table 2 <C+0+E=28>

Min Time (seconds)	0	<F/1+0+8>

Min Green Before PE Force Off

Max Time (minutes)	255	<F/1+0+9>

Max Preempt Time Before Failure

Min Time (seconds)	0	<F/1+0+A>

Min Time Between Same Preempts
(Does Not Apply To Railroad Preempt)

Low Pri. Channel	_____	<E/125+C+8>

Disable Low Priority Channel

Low Priority
1 = Channel A
2 = Channel B
3 = Channel C
4 = Channel D

Delay Time (seconds)	0	<F/1+A+D>

Bus Delay

Max Time (seconds)	0	<F/1+A+E>

Max Early Green

Max Time (seconds)	0	<F/1+A+F>

Max Green Extension

Row	Time	Headway	Direction	Day of Week
0	00 : 00	0	0	_____
1	00 : 00	0	0	_____
2	00 : 00	0	0	_____
3	00 : 00	0	0	_____
4	00 : 00	0	0	_____
5	00 : 00	0	0	_____
6	00 : 00	0	0	_____
7	00 : 00	0	0	_____
8	00 : 00	0	0	_____
9	00 : 00	0	0	_____
A	00 : 00	0	0	_____
B	00 : 00	0	0	_____
C	00 : 00	0	0	_____
D	00 : 00	0	0	_____
E	00 : 00	0	0	_____
F	00 : 00	0	0	_____

Headway <C+0+9=2.1>

Headway Time
(minutes)
1 thru 9 = 1 thru 9
A = 10
B = 11
C = 12
D = 13
E = 14
F = 15

Low Priority Preemption (Bus Priority)

Only available with *Program 233RV2.B* (and above)

Note: Also see "Time of Day Functions", Function E, Bit 5 (Disable Low Priority)

COUNTY OF SAN DIEGO, CALIFORNIA

TRAFFIC SIGNAL & SAFETY LIGHTING SYSTEM
CHESTERFIELD DR. & PACIFIC HIGHWAY
in CARDIFF

Sheet 2 of 2 Sheets Scale: Hor. 1" = 20' Vert.

W.O.# 3-2532 F.B.#

Recommended by: [signature] Date 9/4/69
[signature] Date 9-4-69

Approved by: H.M. Taylor Date 9-5-69

COORDINATE INDEX N. E.

Constr. Compl. Date 3/11/70 As Built Rev. 7/31/70

REVISIONS				
No.	Description	By	Approved	Date

BASIS OF BEARING CALIFORNIA COORDINATE SYSTEM ZONE VI

AS BUILT REVISIONS
1. CHANGE COND. LOCATION
2. CHANGE COND. SIZE
3. DELETE PED. PUSHBUTTON
4. CHANGE COND. SIZE
5. ADD PED. & POLE
6. RELOCATE PED. X-ING.

WIRING SCHEDULE

WIRE FUNCTION	WIRE CODE COLOR	WIRE CODE STRIPE	CONDUIT RUN 1	2	3	4	5	6	7	8	9	10
			CONDUCTOR SIZE 10 12 14	10 12 14	10 12 14	10 12 14	10 12 14	10 12 14	10 12 14	10 12 14	10 12 14	10 12 14
SIGNAL PHASE A	R-Y-G	BLACK	3	3	3	3	3	3	3			3
SIGNAL PHASE B	R-Y-G	WHITE			3							1
SIGNAL PHASE C	R-Y-G	NONE			3	3	3					
120 V NEUTRAL	WHITE	NONE	1	1	1	1	1	1	1			1
P.P.B. 12 V "A"	BLUE	BLACK	1	1	1	1	1	1	1			
P.P.B. 12 V "B"	BLUE	WHITE	1	1	1	1	1	1	1			
ST. LIGHT-120V	BLACK OR RED	NONE	1	1	1	1	1	1	1			1
ST. LIGHT NEUT	WHITE	NONE	1	1	1	1	1	1	1			1
SPARE	BLACK	YELLOW	1	1	1	1	1	1	1			
SPARE	BLACK	BLUE	2	2	2	1	1	1	1			
PED SIGNAL(BW)	R-G	WHITE	1	1	1	1	1	1	1			
DETECTOR & PPB			2	3	5	2	2	2	2	2	2	2
NEUTRAL					2	2	2	2	2			
BELDON 8720/2						2	2	2	2			
MAGNETOMETER CABLE(SEE SPEC.PROV.)										2		
RXR PRE-EMPT	BLACK	NONE									2	
TOTALS			3 1 11	3 1 15	3 1 22	1 1 15	1 1 15	1 1 10	1 1 10	- - 2	- - 4	1 - 8

PRE-EMPTION CYCLE
1. PHASE B TO HOLD GREEN-OTHERS YELLOW
2. PHASE B TO HOLD GREEN-OTHERS RED
3. PHASE B HAS YELLOW CLEARANCE INTERVAL
4. FLASHING RED PHASES B & C
5. FLASHING YELLOW PHASE A.
6. SOLID YELLOW PHASE A END CYCLE.
7. PHASE B RETURNS TO GREEN

SIGNAL PHASE DIAGRAM

LEGEND

- THREE SECTION 8" TRAFFIC SIGNAL HEAD-ALL HEADS LOUVERED
- THREE SECTION 12" TRAFFIC SIGNAL HEAD
- THREE SECTION 12" TRAFFIC SIGNAL HEAD WITH BACKPLATE
- THREE SECTION 12" TRAFFIC SIGNAL HEAD WITH GREEN ARROW
- THREE SECTION TRAFFIC SIGNAL HEAD WITH 12" GREEN ARROW & 8" RED AND YELLOW LOUVERED
- THREE SECTION TRAFFIC SIGNAL HEAD WITH 12" GREEN ARROW, & 8" RED AND YELLOW LOUVERED WITH BACKPLATE
- FOUR SECTION 12" TRAFFIC SIGNAL HEAD WITH GREEN ARROW
- TYPE I SIGNAL STANDARD
- TYPE I-C SIGNAL STANDARD
- TYPE XVII SIGNAL-LIGHTING STANDARD
- PEDESTRIAN WALK "DON'T WALK" HEAD
- MERCURY VAPOR LUMINAIRE, TYPE III 20,500 "L" WITH INTEGRAL BALLAST
- INDUCTIVE LOOP DETECTORS 6'x6' OR 6'x8'
- PEDESTRIAN PUSHBUTTON — P.B.
- CONCRETE PULL BOX
- POWER SOURCE
- TRAFFIC SIGNAL CONTROLLER 3 PHASE (BY OTHERS) — 1"
- 1" TRAFFIC SIGNAL CONDUIT — 1 1/2"
- 1 1/2" TRAFFIC SIGNAL CONDUIT — 2"
- 2" TRAFFIC SIGNAL CONDUIT — 2 1/2"
- MAGNETOMETER DETECTOR
- 2 1/2" SIGNAL CONDUIT

PLAN | NOTE BOOK NO. | SURVEYED | PROJ. ENGINEER | PROJECT ENGINEER | RT. OF WAY CHECKED | PLANS CHECKED | BY | DATE

PRECISION
AUG 11 1970
MICROFILMED

TS-021N
HWY 101

TRAFFIC SIGNAL AND SAFETY LIGHTING SYSTEM TR.27
CHESTERFIELD DRIVE AND PACIFIC HIGHWAY SHEET 2 OF 2.

HWY

CORRESPONDENCE 143

INTERSECTION: Birmingham & San Elijo

Group Assignment: **4004**
Field Master Assignment: **NONE**
System Reference Number: **11**

N/S Street Name: **San Elijo**
E/W Street Name: **Birmingham**

Last Database Change: **12/19/2013 9:09**

Change Record					
Change	By	Date	Change	By	Date

Notes:

Drop Number	4	<C+0+0>
Zone Number	4	<C+0+1>
Area Number	1	<C+0+2>
Area Address	52	<C+0+3>
QuicNet Channel	COM9:	(QuicNet)

Communication Addresses

Manual Plan		<C+A+1>
Manual Offset		<C+B+1>

Manual Selection

Max Initial	20	<F+0+E>
Red Revert	5.0	<F+0+F>
All Red Start	5.0	<F+C+0>

Start / Revert Times

		Phase							
	Column Numbers ----->	1	2	3	4	5	6	7	8
Row	*Phase Names ----->*								
0	Ped Walk	0	5	0	5	0	0	0	0
1	Ped FDW	0	15	0	11	0	0	0	0
2	Min Green	5	10	0	4	0	10	0	0
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Veh Extension	3.5	2.5	0.0	2.0	0.0	4.0	0.0	0.0
6	Max Gap	3.5	2.5	0.0	2.0	0.0	4.0	0.0	0.0
7	Min Gap	3.5	2.5	0.0	2.0	0.0	4.0	0.0	0.0
8	Max Limit	20	30	0	20	0	30	0	0
9	Max Limit 2	0	0	0	0	0	0	0	0
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
D	Reduce Every	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	Yellow Change	3.0	3.5	0.0	3.0	0.0	3.5	0.0	0.0
F	Red Clear	0.5	1.0	0.0	1.0	0.0	1.0	0.0	0.0

Phase Timing - Bank 1 <F Page>

	E
RR-1 Delay	0
RR-1 Clear	7
EV-A Delay	0
EV-A Clear	7
EV-B Delay	0
EV-B Clear	7
EV-C Delay	0
EV-C Clear	7
EV-D Delay	0
EV-D Clear	7
RR-2 Delay	0
RR-2 Clear	7
View EV Delay	- - -
View EV Clear	- - -
View RR Delay	- - -
View RR Clear	- - -

Preempt Timing

	F	Row
Permit	12_4_6__	0
Red Lock	_____	1
Yellow Lock	_____	2
Min Recall	_2___6__	3
Ped Recall	_____	4
View Set Peds	- - - - -	5
Rest In Walk	_____	6
Red Rest	_____	7
Dual Entry	_____	8
Max Recall	_____	9
Soft Recall	_2___6__	A
Max 2	_____	B
Cond. Service	_____	C
Man Cntrl Calls	_____	D
Yellow Start	___4____	E
First Phases	1____6__	F

Phase Functions <F Page>

Manual Plan
0 = Automatic
1-9 = Plan 1-9
14 = Free
15 = Flash

Manual Offset
0 = Automatic
1 = Offset A
2 = Offset B
3 = Offset C

(* = Coordination Recall)

Row	Column Numbers ---->	Plan 1	2	3	4	5	6	7	8	9	Row
	Plan Name ----->										
0	Cycle Length	100	100	100	100	100	100	100	100	100	0
1	Phase 1 - ForceOff	65	65	65	65	65	65	65	65	65	1
2	Phase 2 - ForceOff	0	0	0	0	0	0	0	0	0	2
3	Phase 3 - ForceOff	25	25	25	25	25	25	25	25	25	3
4	Phase 4 - ForceOff	40	40	40	40	40	40	40	40	40	4
5	Phase 5 - ForceOff	65	65	65	65	65	65	65	65	65	5
6	Phase 6 - ForceOff	0	0	0	0	0	0	0	0	0	6
7	Phase 7 - ForceOff	25	25	25	25	25	25	25	25	25	7
8	Phase 8 - ForceOff	40	40	40	40	40	40	40	40	40	8
9	Ring Offset	0	0	0	0	0	0	0	0	0	9
A	Offset 1	0	0	0	0	0	0	0	0	0	A
B	Offset 2	0	0	0	0	0	0	0	0	0	B
C	Offset 3	0	0	0	0	0	0	0	0	0	C
D	Permissive	12	12	12	12	12	12	12	12	0	D
E	Hold Release	255	255	255	255	255	255	255	255	0	E
F	Zone Offset	0	0	0	0	0	0	0	0	0	F

Coordination <C Page>

	E	Row
		0
Plan 1 - Sync	_2___6__	1
Plan 2 - Sync	_2___6__	2
Plan 3 - Sync	_2___6__	3
Plan 4 - Sync	_2___6__	4
Plan 5 - Sync	_2___6__	5
Plan 6 - Sync	_2___6__	6
Plan 7 - Sync	_2___6__	7
Plan 8 - Sync	_2___6__	8
Plan 9 - Sync	_2___6__	9
Coord Ped *	_____	A
NEMA Hold	_____	B
		C
		D
		E
		F

Sync Phases <C Page>

Row	Column Numbers ---->	E
0	Exclusive Phases	_____
1	RR-1 Clear Phases	_____
2	RR-2 Clear Phases	_____
3	RR-2 Limited Service	_____
4	Prot / Perm Phases	_____
5	Overlap A - Green Omit	_____
6	Overlap B - Green Omit	_____
7	Overlap C - Green Omit	_____
8	Overlap D - Green Omit	_____
9	Overlap Yellow Flash	_____
A	EV-A Phases	_2_____
B	EV-B Phases	___4____
C	EV-C Phases	1____6__
D	EV-D Phases	_____
E	Extra 1 Config. Bits	1_3_____
F	IC Select (Interconnect)	_2_____

Configuration <E Page>

	F
RR Overlap A - Phases	_____
RR Overlap B - Phases	_____
RR Overlap C - Phases	_____
RR Overlap D - Phases	_____
Ped 2P	_2_____
Ped 6P	_____
Ped 4P	___4____
Ped 8P	_____
Yellow Flash Phases	_____
Overlap A - Phases	_____
Overlap B - Phases	_____
Overlap C - Phases	_____
Overlap D - Phases	_____
Restricted Phases	_____
Assign 5 Outputs	_____

Configuration <E Page>

Extra 1 Flags
1 = TBC Type 1
2 = NEMA Ext. Coord
3 = Auto Daylight Savings
4 = EV Advance
5 =
6 = Special Event
7 = Pretimed Operation
8 = Split Ring Operation

Assign 5 Outputs
(Ped Loadswitch Yellows)
1 = Right Turn Overlap
2 = TOD Outputs
3 = EV Beacon - Steady
4 = EV Beacon - Flashing
5 = Special Event Outputs
6 = Phase 3 & 7 Ped
7 = Advanced Warning Sign
8 =

Force-Off Adjust	0

Coord Force-Off Adjust for Ped Service <C+D+F>

Transition Type	0

TBC Transition <C+D+D>

Transition Type
0 = Shortway
Non-zero = Lengthen

IC Select Flags
1 =
2 = Modem
3 = 7-Wire Slave
4 = Flash / Free
5 =
6 = Simplex Master
7 = 7-Wire Master
8 = Offset Interrupter

	F	Row
Free Lag	_2_4_6_8	0
Plan 1 - Lag	_2_4_6_8	1
Plan 2 - Lag	_2_4_6_8	2
Plan 3 - Lag	_2_4_6_8	3
Plan 4 - Lag	_2_4_6_8	4
Plan 5 - Lag	_2_4_6_8	5
Plan 6 - Lag	_2_4_6_8	6
Plan 7 - Lag	_2_4_6_8	7
Plan 8 - Lag	_2_4_6_8	8
Plan 9 - Lag	_2_4_6_8	9
Coord Max *	_____	A
Coord Lag *	_____	B
		C
		D
		E
		F

Lag Phases <C Page>

INTERSECTION: Birmingham & San Elijo

Row	Time	Plan	Offset	Day of Week
0	00 : 00	0	0	_____
1	00 : 00	0	0	_____
2	00 : 00	0	0	_____
3	00 : 00	0	0	_____
4	00 : 00	0	0	_____
5	00 : 00	0	0	_____
6	00 : 00	0	0	_____
7	00 : 00	0	0	_____
8	00 : 00	0	0	_____
9	00 : 00	0	0	_____
A	00 : 00	0	0	_____
B	00 : 00	0	0	_____
C	00 : 00	0	0	_____
D	00 : 00	0	0	_____
E	00 : 00	0	0	_____
F	00 : 00	0	0	_____

TOD Coordination
<9 Key with C+D+9=0>

Time	Funct.	Day of Week	Column F Phases/Bits
06 : 00	E	1234567	_____8
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____

TOD Function
<7 Key>

<D Page>

Time	Plan	Offset	Day of Week
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____

Holiday # 1
TOD Coordination
<9 Key with C+D+9=1>

Time	Plan	Offset	Day of Week
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____

Holiday # 2
TOD Coordination
<9 Key with C+D+9=2>

Time	Plan	Offset	Day of Week
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____

Holiday # 3
TOD Coordination
<9 Key with C+D+9=3>

Time	Plan	Offset	Day of Week	Row
00 : 00	0	0	_____	0
00 : 00	0	0	_____	1
00 : 00	0	0	_____	2
00 : 00	0	0	_____	3
00 : 00	0	0	_____	4
00 : 00	0	0	_____	5
00 : 00	0	0	_____	6
00 : 00	0	0	_____	7
00 : 00	0	0	_____	8
00 : 00	0	0	_____	9
00 : 00	0	0	_____	A
00 : 00	0	0	_____	B
00 : 00	0	0	_____	C
00 : 00	0	0	_____	D
00 : 00	0	0	_____	E
00 : 00	0	0	_____	F

Plan Select
1 thru 9 = Coordination
Plan 1 thru 9
14 or E = Free
15 or F = Flash

Offset Select
A = Offset A
B = Offset B
C = Offset C

T.O.D. Functions
0 = Permitted Phases
1 = Red Lock
2 = Yellow Lock
3 = Veh Min Recall
4 = Ped Recall
5 =
6 = Rest In Walk
7 = Red Rest
8 = Double Entry
9 = Veh Max Recall
A = Veh Soft Recall
B = Maximum 2
C = Conditional Service
D = Free Lag Phases
E = Bit 1 - Local Override
Bit 2 - Phase Bank 2
Bit 3 - Phase Bank 3
Bit 4 - Disable Detector
OFF Monitor
Bit 7 - Detector Count Monitor
Bit 8 - Real Time Split Monitor
F = Output Bits 1 thru 4

Month Select
1 = January
2 = February
3 = March
4 = April
5 = May
6 = June
7 = July
8 = August
9 = September
A = October
B = November
C = December

Row		Day	Year	Month	Day of Week
A	Holiday # 1 Date	0	0	0	_____
B	Holiday # 2 Date	0	0	0	_____
C	Holiday # 3 Date	0	0	0	_____

Holiday Dates
<8 Key>

Row	1 Delay	3 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		I-1	14
1	0.0	0.0		I-2U	1
2	0.0	0.0		I-2L	5
3	0.0	0.0		I-3U	21
4	0.0	0.0		I-3L	25
5	0.0	0.0		I-4	9
6	0.0	0.0		I-5	16
7	0.0	0.0		I-6U	3
8	7.0	0.0		I-6L	7
9	0.0	0.0		I-7U	23
A	0.0	0.0		I-7L	27
B	0.0	0.0		I-8	11
C	0.0	0.0		I-9U	18
D	0.0	0.0		I-9L	20
E	- - -	- - -	- - -	- - -	- - -
F	- - -	- - -	- - -	- - -	- - -

Row	2 Delay	4 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		J-1	13
1	0.0	0.0		J-2U	2
2	0.0	0.0		J-2L	6
3	0.0	0.0		J-3U	22
4	0.0	0.0		J-3L	26
5	0.0	0.0		J-4	10
6	0.0	0.0		J-5	15
7	0.0	0.0		J-6U	4
8	0.0	0.0		J-6L	8
9	0.0	0.0		J-7U	24
A	0.0	0.0		J-7L	28
B	0.0	0.0		J-8	12
C	0.0	0.0		J-9U	17
D	0.0	0.0		J-9L	19
E	- - -	- - -	- - -	- - -	- - -
F	- - -	- - -	- - -	- - -	- - -

Detector Delay & Carryover <D Page>

Row		9 Green Clear	C Yellow Change	D Red Clear	0 Load-Switch #
A	Overlap A	0.0	0.0	0.0	0
B	Overlap B	0.0	0.0	0.0	0
C	Overlap C	0.0	0.0	0.0	0
D	Overlap D	0.0	0.0	0.0	0

Overlap Timing <F Page> <D Page>

Row	Detector Numbers	E
A	1 2 3 4 5 6 7 8	12345678
B	9 10 11 12 -- -- -- --	1234____
C	13 14 15 16 17 18 19 20	12345678
D	-- -- -- -- 21 22 23 24	____5678
E	-- -- -- -- -- -- -- --	1234____
F	-- 25 26 27 28 -- -- --	_2345___

Active Detectors <D Page>

Note: Initialized data is for all detectors to be active (ie, all flag bits set). A Detector which is "not flagged", will not be active as a Phase Detector, and WILL NOT call or extend its associated phase. It will still function as a System Detector.

Row		0 Detector Number
0		
1	System Det. # 1	0
2	System Det. # 2	0
3	System Det. # 3	0
4	System Det. # 4	0
5	System Det. # 5	0
6	System Det. # 6	0
7	System Det. # 7	0
8	System Det. # 8	0

System Detectors <D Page>

Max ON (minutes)	5	<D+A+E>
Max OFF (minutes)	60	<D+A+F>

Detector Failure Monitor

Phase Number	0	<F+C+1>
Time Before Yellow	0.0	<F+C+3>

Advance Warning Beacon - Sign 1

Phase Number	0	<F+D+1>
Time Before Yellow	0.0	<F+D+3>

Advance Warning Beacon - Sign 2

Long Failure	0.0	<F+0+6>
Short Failure	0.0	<F+0+7>

Power Cycle Correction (Default = 0.5)

Disable Parity	0	<D+B+0>

Dial-Up Telephone Communications
(If set to a non-zero value, parity will be disabled)

INTERSECTION: Birmingham & San Elijo

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	0	5	0	5	0	0	0	7
1	Ped FDW	0	10	0	9	0	0	0	10
2	Min Green	4	10	3	4	3	10	3	7
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
5	Veh Extension	2.0	4.0	0.5	2.0	0.5	4.0	0.5	3.5
6	Max Gap	2.0	4.0	0.5	2.0	0.5	4.0	0.5	5.0
7	Min Gap	2.0	4.0	0.5	2.0	0.5	4.0	0.5	2.0
8	Max Limit	20	30	17	20	17	30	17	40
9	Max Limit 2	0	0	30	0	30	0	30	70
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
D	Reduce Every	0.0	0.0	1.0	0.0	1.0	0.0	1.0	1.0
E	Yellow Change	3.0	3.5	3.0	0.0	3.0	3.5	3.0	4.0
F	Red Clear	0.5	1.0	0.0	1.0	0.0	0.0	0.0	1.0

Phase Timing - Bank 2 <F Page>

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8	Row
	Phase Names ----->									
0	Ped Walk	0	5	0	5	0	0	0	7	0
1	Ped FDW	0	10	0	9	0	0	0	10	1
2	Min Green	4	10	3	4	3	10	3	7	2
3	Type 3 Limit	0	0	0	0	0	0	0	0	3
4	Added Initial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	4
5	Veh Extension	2.0	4.0	0.5	2.0	0.5	4.0	0.5	3.5	5
6	Max Gap	2.0	4.0	0.5	2.0	0.5	4.0	0.5	5.0	6
7	Min Gap	2.0	4.0	0.5	2.0	0.5	4.0	0.5	2.0	7
8	Max Limit	20	30	17	20	17	30	17	40	8
9	Max Limit 2	0	0	30	0	30	0	30	70	9
A	- - - - - -	0	0	0	0	0	0	0	0	A
B	Call To Phase	0	0	0	0	0	0	0	0	B
C	Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	C
D	Reduce Every	0.0	0.0	1.0	0.0	1.0	0.0	1.0	1.0	D
E	Yellow Change	3.0	3.5	3.0	0.0	3.0	3.5	3.0	4.0	E
F	Red Clear	0.5	1.0	0.0	1.0	0.0	0.0	0.0	1.0	F

Phase Timing - Bank 3 <F Page>

Row	Delay Only --->	7 Time	8 Dwell	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F Output	Row	
0		0	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	0	
1		0	0	_____	_____	_____	_____	_____	_____	_____	1	
2		0	0	_____	_____	_____	_____	_____	_____	_____	2	
3		0	0	_____	_____	_____	_____	_____	_____	_____	3	
4		0	0	_____	_____	_____	_____	_____	_____	_____	4	
5		0	0	_____	_____	_____	_____	_____	_____	_____	5	
6		0	0	_____	_____	_____	_____	_____	_____	_____	6	
7		0	0	_____	_____	_____	_____	_____	_____	_____	7	
8		0	0	_____	_____	_____	_____	_____	_____	_____	8	
9	Limited Service Int. --->	0	0	_____	_____	_____	_____	_____	_____	_____	9	
A		- - -	0	_____	_____	_____	_____	_____	_____	_____	A	**<--- Limited Service Interval** (Set Dwell = 255)
B		0	0	_____	_____	_____	_____	_____	_____	_____	B	
C		0	0	_____	_____	_____	_____	_____	_____	_____	C	
D		0	0	_____	_____	_____	_____	_____	_____	_____	D	
E		0	0	_____	_____	_____	_____	_____	_____	_____	E	
F		0	0	_____	_____	_____	_____	_____	_____	_____	F	

Special Event Schedule <C Page with F+9+F=22>

Transportation Studies, Inc.
2680 Walnut Avenue, Suite C
Tustin, CA. 92780

City: ENCINITAS
N-S Direction: SAN ELIJO AVENUE
E-W Direction: CHESTERFIELD DRIVE

File Name : H1002055
Site Code : 55
Start Date : 3/18/2010
Page No : 1

Groups Printed- Turning Movements

	SAN ELIJO AVENUE Southbound			CHESTERFIELD DRIVE Westbound			SAN ELIJO AVENUE Northbound			CHESTERFIELD DRIVE Eastbound			
Start Time	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Int. Total
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
07:00 AM	75	13	0	4	7	0	2	13	8	10	2	20	154
07:15 AM	84	16	2	6	9	0	5	18	10	12	5	23	190
07:30 AM	92	23	5	6	10	2	8	20	10	19	3	27	225
07:45 AM	111	24	5	11	13	3	8	27	15	16	5	29	267
Total	362	76	12	27	39	5	23	78	43	57	15	99	836
08:00 AM	118	28	4	14	18	6	6	31	22	25	5	36	313
08:15 AM	122	26	2	17	12	4	5	29	18	37	4	32	308
08:30 AM	108	30	3	12	10	1	4	25	14	31	3	30	271
08:45 AM	102	24	2	8	8	2	4	21	11	22	3	27	234
Total	450	108	11	51	48	13	19	106	65	115	15	125	1126
*** BREAK ***													
04:00 PM	80	21	2	6	14	5	1	27	35	33	19	146	389
04:15 PM	79	26	5	4	18	10	3	21	44	39	22	151	422
04:30 PM	87	23	3	7	16	6	2	26	50	46	27	155	448
04:45 PM	88	28	6	10	20	8	5	35	48	51	24	168	491
Total	334	98	16	27	68	29	11	109	177	169	92	620	1750
05:00 PM	96	30	5	12	26	10	3	39	54	57	28	169	529
05:15 PM	110	27	4	9	22	8	5	37	52	49	21	176	520
05:30 PM	96	26	6	7	20	6	4	34	45	42	25	165	476
05:45 PM	93	22	4	8	16	7	4	30	38	35	20	160	437
Total	395	105	19	36	84	31	16	140	189	183	94	670	1962
Grand Total	1541	387	58	141	239	78	69	433	474	524	216	1514	5674
Apprch %	77.6	19.5	2.9	30.8	52.2	17	7.1	44.4	48.6	23.2	9.6	67.2	
Total %	27.2	6.8	1	2.5	4.2	1.4	1.2	7.6	8.4	9.2	3.8	26.7	

Transportation Studies, Inc.
2680 Walnut Avenue, Suite C
Tustin, CA. 92780

File Name : H1002055
Site Code : 55
Start Date : 3/18/2010
Page No : 2

	SAN ELIJO AVENUE Southbound				CHESTERFIELD DRIVE Westbound				SAN ELIJO AVENUE Northbound				CHESTERFIELD DRIVE Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	111	24	**5**	140	11	13	3	27	**8**	27	15	50	16	**5**	29	50	267
08:00 AM	118	28	4	**150**	14	**18**	**6**	**38**	6	**31**	**22**	**59**	25	5	**36**	66	**313**
08:15 AM	**122**	26	2	150	**17**	12	4	33	5	29	18	52	**37**	4	32	**73**	308
08:30 AM	108	**30**	3	141	12	10	1	23	4	25	14	43	31	3	30	64	271
Total Volume	459	108	14	581	54	53	14	121	23	112	69	204	109	17	127	253	1159
% App. Total	79	18.6	2.4		44.6	43.8	11.6		11.3	54.9	33.8		43.1	6.7	50.2		
PHF	.941	.900	.700	.968	.794	.736	.583	.796	.719	.903	.784	.864	.736	.850	.882	.866	.926

Transportation Studies, Inc.
2680 Walnut Avenue, Suite C
Tustin, CA. 92780

File Name : H1002055
Site Code : 55
Start Date : 3/18/2010
Page No : 3

	SAN ELIJO AVENUE Southbound				CHESTERFIELD DRIVE Westbound				SAN ELIJO AVENUE Northbound				CHESTERFIELD DRIVE Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	88	28	**6**	122	10	20	8	38	**5**	35	48	88	51	24	168	243	491
05:00 PM	96	**30**	5	131	**12**	**26**	**10**	**48**	3	**39**	**54**	**96**	**57**	**28**	169	**254**	**529**
05:15 PM	**110**	27	4	**141**	9	22	8	39	5	37	52	94	49	21	**176**	246	520
05:30 PM	96	26	6	128	7	20	6	33	4	34	45	83	42	25	165	232	476
Total Volume	390	111	21	522	38	88	32	158	17	145	199	361	199	98	678	975	2016
% App. Total	74.7	21.3	4		24.1	55.7	20.3		4.7	40.2	55.1		20.4	10.1	69.5		
PHF	.886	.925	.875	.926	.792	.846	.800	.823	.850	.929	.921	.940	.873	.875	.963	.960	.953

Transportation Studies, Inc.
2680 Walnut Avenue, Suite C
Tustin, CA. 92780

City: ENCINITAS
N-S Direction: S. COAST HIGHWAY
E-W Direction: CHESTERFIELD DRIVE

File Name : H1002054
Site Code : 54
Start Date : 3/18/2010
Page No : 1

Groups Printed- Turning Movements

	S. COAST HIGHWAY Southbound			CHESTERFIELD DRIVE Westbound			S. COAST HIGHWAY Northbound			DEAD END Eastbound			
Start Time	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Int. Total
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
07:00 AM	0	102	15	13	0	75	18	14	0	0	0	0	237
07:15 AM	0	115	19	17	0	88	21	19	0	0	0	0	279
07:30 AM	0	133	29	22	0	90	22	28	0	0	0	0	324
07:45 AM	0	139	27	29	0	110	25	40	0	0	0	0	370
Total	0	489	90	81	0	363	86	101	0	0	0	0	1210
08:00 AM	0	159	38	38	0	120	29	56	0	0	0	0	440
08:15 AM	0	166	43	30	0	122	31	60	0	0	0	0	452
08:30 AM	0	164	40	24	0	106	24	63	0	0	0	0	421
08:45 AM	0	148	31	18	0	103	21	51	0	0	0	0	372
Total	0	637	152	110	0	451	105	230	0	0	0	0	1685
*** BREAK ***													
04:00 PM	0	99	48	40	0	88	148	169	0	0	0	0	592
04:15 PM	0	118	59	44	0	97	153	165	0	0	0	0	636
04:30 PM	0	136	67	50	0	103	161	190	0	0	0	0	707
04:45 PM	0	159	80	49	0	107	164	206	0	0	0	0	765
Total	0	512	254	183	0	395	626	730	0	0	0	0	2700
05:00 PM	0	162	76	58	0	118	177	210	0	0	0	0	801
05:15 PM	0	175	68	65	0	120	173	228	0	0	0	0	829
05:30 PM	0	185	66	54	0	103	166	225	0	0	0	0	799
05:45 PM	0	167	59	48	0	97	159	211	0	0	0	0	741
Total	0	689	269	225	0	438	675	874	0	0	0	0	3170
Grand Total	0	2327	765	599	0	1647	1492	1935	0	0	0	0	8765
Apprch %	0	75.3	24.7	26.7	0	73.3	43.5	56.5	0	0	0	0	
Total %	0	26.5	8.7	6.8	0	18.8	17	22.1	0	0	0	0	

Transportation Studies, Inc.
2680 Walnut Avenue, Suite C
Tustin, CA. 92780

File Name : H1002054
Site Code : 54
Start Date : 3/18/2010
Page No : 2

	S. COAST HIGHWAY Southbound				CHESTERFIELD DRIVE Westbound				S. COAST HIGHWAY Northbound				DEAD END Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	159	38	197	**38**	0	120	**158**	29	56	0	85	0	0	0	0	440
08:15 AM	0	**166**	**43**	**209**	30	0	**122**	152	**31**	60	0	**91**	0	0	0	0	**452**
08:30 AM	0	164	40	204	24	0	106	130	24	**63**	0	87	0	0	0	0	421
08:45 AM	0	148	31	179	18	0	103	121	21	51	0	72	0	0	0	0	372
Total Volume	0	637	152	789	110	0	451	561	105	230	0	335	0	0	0	0	1685
% App. Total	0	80.7	19.3		19.6	0	80.4		31.3	68.7	0		0	0	0		
PHF	.000	.959	.884	.944	.724	.000	.924	.888	.847	.913	.000	.920	.000	.000	.000	.000	.932

Transportation Studies, Inc.
2680 Walnut Avenue, Suite C
Tustin, CA. 92780

File Name : H1002054
Site Code : 54
Start Date : 3/18/2010 Th
Page No : 3

	S. COAST HIGHWAY Southbound				CHESTERFIELD DRIVE Westbound				S. COAST HIGHWAY Northbound				DEAD END Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	0	159	**80**	239	49	0	107	156	164	206	0	370	0	0	0	0	765
05:00 PM	0	162	76	238	58	0	118	176	**177**	210	0	387	0	0	0	0	801
05:15 PM	0	175	68	243	**65**	0	**120**	**185**	173	**228**	0	**401**	0	0	0	0	**829**
05:30 PM	0	**185**	66	**251**	54	0	103	157	166	225	0	391	0	0	0	0	799
Total Volume	0	681	290	971	226	0	448	674	680	869	0	1549	0	0	0	0	3194
% App. Total	0	70.1	29.9		33.5	0	66.5		43.9	56.1	0		0	0	0		
PHF	.000	.920	.906	.967	.869	.000	.933	.911	.960	.953	.000	.966	.000	.000	.000	.000	.963

INTERSECTION: S Coast Hwy 101 & Chesterfield

Group Assignment: **4004**
Field Master Assignment: **NONE**
System Reference Number: **44**

N/S Street Name: **South Coast Hwy 101**
E/W Street Name: **Chesterfield Drive**

Last Database Change: **9/14/2016 13:38**

Change Record					
Change	By	Date	Change	By	Date

Notes:

Drop Number	2	<C+0+0>
Zone Number	2	<C+0+1>
Area Number	1	<C+0+2>
Area Address	50	<C+0+3>
QuicNet Channel	IP:8001:10.15.14	(QuicNet)

Communication Addresses

Manual Plan		<C+A+1>
Manual Offset		<C+B+1>

Manual Selection

Max Initial	20	<F+0+E>
Red Revert	5.0	<F+0+F>
All Red Start	5.0	<F+C+0>

Start / Revert Times

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	0	0	0	0	5	0	0	0
1	Ped FDW	0	0	0	0	23	0	0	0
2	Min Green	10	0	4	20	10	0	0	20
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Veh Extension	4.0	0.0	3.0	5.0	5.0	0.0	0.0	3.5
6	Max Gap	4.0	0.0	3.0	5.0	5.0	0.0	0.0	5.0
7	Min Gap	4.0	0.0	3.0	2.0	5.0	0.0	0.0	2.0
8	Max Limit	40	0	30	35	40	0	0	35
9	Max Limit 2	60	0	35	70	60	0	0	70
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	1	0	0	0
C	Reduce By	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0
D	Reduce Every	0.0	0.0	0.0	10.0	0.0	0.0	0.0	5.0
E	Yellow Change	3.0	0.0	3.0	4.7	3.0	0.0	0.0	4.7
F	Red Clear	1.0	0.0	1.0	1.0	1.0	0.0	0.0	1.0

Phase Timing - Bank 1 <F Page>

	E
RR-1 Delay	0
RR-1 Clear	10
EV-A Delay	0
EV-A Clear	1
EV-B Delay	0
EV-B Clear	1
EV-C Delay	0
EV-C Clear	1
EV-D Delay	0
EV-D Clear	1
RR-2 Delay	0
RR-2 Clear	10
View EV Delay	- - -
View EV Clear	- - -
View RR Delay	- - -
View RR Clear	- - -

Preempt Timing

Row		F
0	Permit	1_345__8
1	Red Lock	__3_____
2	Yellow Lock	_____
3	Min Recall	___4___8
4	Ped Recall	_____
5	*View Set Peds*	- - - - -
6	Rest In Walk	_____
7	Red Rest	_____
8	Dual Entry	1__45__8
9	Max Recall	_____
A	Soft Recall	_____
B	Max 2	_____
C	Cond. Service	_____
D	Man Cntrl Calls	_____
E	Yellow Start	___4___8
F	First Phases	1___5___

Phase Functions <F Page>

Manual Plan
0 = Automatic
1-9 = Plan 1-9
14 = Free
15 = Flash

Manual Offset
0 = Automatic
1 = Offset A
2 = Offset B
3 = Offset C

INTERSECTION: S Coast Hwy 101 & Chesterfield

(* = Coordination Recall)

Row	Column Numbers ---->	Plan 1	2	3	4	5	6	7	8	9	Row
	Plan Name ----->										
0	Cycle Length	85	95	100	100	100	100	100	100	100	0
1	Phase 1 - ForceOff	35	60	60	63	60	61	65	65	65	1
2	Phase 2 - ForceOff	0	0	0	0	0	0	0	0	0	2
3	Phase 3 - ForceOff	58	30	20	25	20	25	25	25	25	3
4	Phase 4 - ForceOff	0	0	40	40	40	40	40	40	40	4
5	Phase 5 - ForceOff	35	60	60	61	60	63	65	65	65	5
6	Phase 6 - ForceOff	0	0	0	0	0	0	0	0	0	6
7	Phase 7 - ForceOff	0	0	20	25	20	25	25	25	25	7
8	Phase 8 - ForceOff	0	0	40	40	40	40	40	40	40	8
9	Ring Offset	0	0	0	0	0	0	0	0	0	9
A	Offset 1	10	65	0	0	0	0	0	0	0	A
B	Offset 2	0	0	0	0	0	0	0	0	0	B
C	Offset 3	0	0	0	0	0	0	0	0	0	C
D	Permissive	12	35	12	12	12	12	12	12	0	D
E	Hold Release	80	90	255	255	255	255	255	255	0	E
F	Zone Offset	0	0	0	0	0	0	0	0	0	F

Coordination <C Page>

	E	Row
		0
Plan 1 - Sync	4 8	1
Plan 2 - Sync	4 8	2
Plan 3 - Sync	2 6	3
Plan 4 - Sync	2 6	4
Plan 5 - Sync	2 6	5
Plan 6 - Sync	2 6	6
Plan 7 - Sync	2 6	7
Plan 8 - Sync	2 6	8
Plan 9 - Sync	2 6	9
Coord Ped *		A
NEMA Hold		B
		C
		D
		E
		F

Sync Phases <C Page>

Row	Column Numbers ---->	E
0	Exclusive Phases	
1	RR-1 Clear Phases	5
2	RR-2 Clear Phases	
3	RR-2 Limited Service	
4	Prot / Perm Phases	
5	Overlap A - Green Omit	
6	Overlap B - Green Omit	
7	Overlap C - Green Omit	
8	Overlap D - Green Omit	
9	Overlap Yellow Flash	
A	EV-A Phases	5
B	EV-B Phases	4
C	EV-C Phases	
D	EV-D Phases	3 8
E	Extra 1 Config. Bits	1 3 5
F	IC Select (Interconnect)	2

Configuration <E Page>

	F
RR Overlap A - Phases	
RR Overlap B - Phases	
RR Overlap C - Phases	
RR Overlap D - Phases	
Ped 2P	
Ped 6P	5
Ped 4P	
Ped 8P	
Yellow Flash Phases	
Overlap A - Phases	
Overlap B - Phases	
Overlap C - Phases	
Overlap D - Phases	
Restricted Phases	
Assign 5 Outputs	

Configuration <E Page>

Extra 1 Flags
1 = TBC Type 1
2 = NEMA Ext. Coord
3 = Auto Daylight Savings
4 = EV Advance
5 =
6 = Special Event
7 = Pretimed Operation
8 = Split Ring Operation

Assign 5 Outputs
(Ped Loadswitch Yellows)
1 = Right Turn Overlap
2 = TOD Outputs
3 = EV Beacon - Steady
4 = EV Beacon - Flashing
5 = Special Event Outputs
6 = Phase 3 & 7 Ped
7 = Advanced Warning Sign
8 =

Force-Off Adjust	0

Coord Force-Off Adjust for Ped Service <C+D+F>

Transition Type	7

TBC Transition <C+D+D>

Transition Type
0 = Shortway
Non-zero = Lengthen

IC Select Flags
1 =
2 = Modem
3 = 7-Wire Slave
4 = Flash / Free
5 =
6 = Simplex Master
7 = 7-Wire Master
8 = Offset Interrupter

	F	Row
Free Lag	2 4 6 8	0
Plan 1 - Lag	2 4 6 8	1
Plan 2 - Lag	23 6 8	2
Plan 3 - Lag	2 4 6 8	3
Plan 4 - Lag	2 4 6 8	4
Plan 5 - Lag	2 4 6 8	5
Plan 6 - Lag	2 4 6 8	6
Plan 7 - Lag	2 4 6 8	7
Plan 8 - Lag	2 4 6 8	8
Plan 9 - Lag	2 4 6 8	9
Coord Max *		A
Coord Lag *		B
		C
		D
		E
		F

Lag Phases <C Page>

INTERSECTION: S Coast Hwy 101 & Chesterfield

Row	Time	Plan	Offset	Day of Week
0	00 : 00	E	A	1234567
1	11 : 15	1	A	1234567
2	17 : 35	E	A	_23456_
3	00 : 00	0	A	_23456_
4	16 : 15	E	A	_2____7
5	00 : 00	0	0	_____
6	00 : 00	0	0	_____
7	00 : 00	0	0	_____
8	00 : 00	0	0	_____
9	00 : 00	0	0	_____
A	00 : 00	0	0	_____
B	00 : 00	0	0	_____
C	00 : 00	0	0	_____
D	00 : 00	0	0	_____
E	00 : 00	0	0	_____
F	00 : 00	0	0	_____

TOD Coordination
<9 Key with C+D+9=0>

Time	Funct.	Day of Week	Column F Phases/Bits
06 : 00	E	1234567	_____78
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____

TOD Function
<7 Key>

<D Page>

Time	Plan	Offset	Day of Week
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____

Holiday # 1
TOD Coordination
<9 Key with C+D+9=1>

Time	Plan	Offset	Day of Week
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____

Holiday # 2
TOD Coordination
<9 Key with C+D+9=2>

Time	Plan	Offset	Day of Week
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____

Holiday # 3
TOD Coordination
<9 Key with C+D+9=3>

Time	Plan	Offset	Day of Week	Row
00 : 00	0	0	_____	0
00 : 00	0	0	_____	1
00 : 00	0	0	_____	2
00 : 00	0	0	_____	3
00 : 00	0	0	_____	4
00 : 00	0	0	_____	5
00 : 00	0	0	_____	6
00 : 00	0	0	_____	7
00 : 00	0	0	_____	8
00 : 00	0	0	_____	9
00 : 00	0	0	_____	A
00 : 00	0	0	_____	B
00 : 00	0	0	_____	C
00 : 00	0	0	_____	D
00 : 00	0	0	_____	E
00 : 00	0	0	_____	F

Plan Select
1 thru 9 = Coordination
Plan 1 thru 9
14 or E = Free
15 or F = Flash

Offset Select
A = Offset A
B = Offset B
C = Offset C

T.O.D. Functions
0 = Permitted Phases
1 = Red Lock
2 = Yellow Lock
3 = Veh Min Recall
4 = Ped Recall
5 =
6 = Rest In Walk
7 = Red Rest
8 = Double Entry
9 = Veh Max Recall
A = Veh Soft Recall
B = Maximum 2
C = Conditional Service
D = Free Lag Phases
E = Bit 1 - Local Override
Bit 2 - Phase Bank 2
Bit 3 - Phase Bank 3
Bit 4 - Disable Detector OFF Monitor
Bit 7 - Detector Count Monitor
Bit 8 - Real Time Split Monitor
F = Output Bits 1 thru 4

Month Select
1 = January
2 = February
3 = March
4 = April
5 = May
6 = June
7 = July
8 = August
9 = September
A = October
B = November
C = December

Row		Day	Year	Month	Day of Week
A	Holiday # 1 Date	0	0	0	_____
B	Holiday # 2 Date	0	0	0	_____
C	Holiday # 3 Date	0	0	0	_____

Holiday Dates
<8 Key>

Row	1 Delay	3 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		I-1	14
1	0.0	0.0		I-2U	1
2	0.0	0.0		I-2L	5
3	0.0	0.0		I-3U	21
4	0.0	0.0		I-3L	25
5	0.0	0.0		I-4	9
6	0.0	0.0		I-5	16
7	0.0	0.0		I-6U	3
8	0.0	0.0		I-6L	7
9	0.0	0.0		I-7U	23
A	0.0	0.0		I-7L	27
B	0.0	0.0		I-8	11
C	0.0	0.0		I-9U	18
D	0.0	0.0		I-9L	20
E	- - -	- - -	- - -	- - -	- - -
F	- - -	- - -	- - -	- - -	- - -

Row	2 Delay	4 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		J-1	13
1	0.0	0.0		J-2U	2
2	0.0	0.0		J-2L	6
3	0.0	0.0		J-3U	22
4	0.0	0.0		J-3L	26
5	0.0	0.0		J-4	10
6	0.0	0.0		J-5	15
7	0.0	0.0		J-6U	4
8	0.0	0.0		J-6L	8
9	0.0	0.0		J-7U	24
A	0.0	0.0		J-7L	28
B	0.0	0.0		J-8	12
C	0.0	0.0		J-9U	17
D	0.0	0.0		J-9L	19
E	- - -	- - -	- - -	- - -	- - -
F	- - -	- - -	- - -	- - -	- - -

Detector Delay & Carryover <D Page>

Row		9 Green Clear	C Yellow Change	D Red Clear	0 Load-Switch #
A	Overlap A	0.0	0.0	0.0	0
B	Overlap B	0.0	0.0	0.0	0
C	Overlap C	0.0	0.0	0.0	0
D	Overlap D	0.0	0.0	0.0	0

Overlap Timing <F Page> <D Page>

Row	Detector Numbers	E
A	1 2 3 4 5 6 7 8	12345678
B	9 10 11 12 -- -- -- --	1234____
C	13 14 15 16 17 18 19 20	12345678
D	-- -- -- -- 21 22 23 24	____5678
E	-- -- -- -- -- -- -- --	1234____
F	-- 25 26 27 28 -- -- --	_2345___

Active Detectors <D Page>

Note: Initialized data is for all detectors to be active (ie, all flag bits set). A Detector which is "not flagged", will not be active as a Phase Detector, and WILL NOT call or extend its associated phase. It will still function as a System Detector.

Row		0 Detector Number
0		
1	System Det. # 1	4
2	System Det. # 2	8
3	System Det. # 3	3
4	System Det. # 4	7
5	System Det. # 5	0
6	System Det. # 6	0
7	System Det. # 7	0
8	System Det. # 8	0

System Detectors <D Page>

Max ON (minutes)	5	<D+A+E>
Max OFF (minutes)	60	<D+A+F>

Detector Failure Monitor

Phase Number	0	<F+C+1>
Time Before Yellow	0.0	<F+C+3>

Advance Warning Beacon - Sign 1

Phase Number	0	<F+D+1>
Time Before Yellow	0.0	<F+D+3>

Advance Warning Beacon - Sign 2

Long Failure	0.0	<F+0+6>
Short Failure	0.0	<F+0+7>

Power Cycle Correction (Default = 0.5)

Disable Parity	0	<D+B+0>

Dial-Up Telephone Communications
(If set to a non-zero value, parity will be disabled)

INTERSECTION: S Coast Hwy 101 & Chesterfield

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	10	0	10	0	10	0	10
2	Min Green	3	7	3	7	3	7	3	7
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2
5	Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5
6	Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0
7	Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0
8	Max Limit	17	40	17	40	17	40	17	40
9	Max Limit 2	30	70	30	70	30	70	30	70
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
D	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0
F	Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0

Phase Timing - Bank 2 <F Page>

Column Numbers ---->	Phase 1	2	3	4	5	6	7	8	Row
Phase Names ----->									
Ped Walk	0	7	0	7	0	7	0	7	0
Ped FDW	0	10	0	10	0	10	0	10	1
Min Green	3	7	3	7	3	7	3	7	2
Type 3 Limit	0	0	0	0	0	0	0	0	3
Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2	4
Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5	5
Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0	6
Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0	7
Max Limit	17	40	17	40	17	40	17	40	8
Max Limit 2	30	70	30	70	30	70	30	70	9
- - - - - -	0	0	0	0	0	0	0	0	A
Call To Phase	0	0	0	0	0	0	0	0	B
Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	C
Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	D
Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0	E
Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0	F

Phase Timing - Bank 3 <F Page>

Row	Delay Only --->	7 Time	8 Dwell	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F Output	Row	
0		0	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	0	
1		0	0	_____	_____	_____	_____	_____	_____	_____	1	
2		0	0	_____	_____	_____	_____	_____	_____	_____	2	
3		0	0	_____	_____	_____	_____	_____	_____	_____	3	
4		0	0	_____	_____	_____	_____	_____	_____	_____	4	
5		0	0	_____	_____	_____	_____	_____	_____	_____	5	
6		0	0	_____	_____	_____	_____	_____	_____	_____	6	
7		0	0	_____	_____	_____	_____	_____	_____	_____	7	
8		0	0	_____	_____	_____	_____	_____	_____	_____	8	
9	Limited Service Int. --->	0	0	_____	_____	_____	_____	_____	_____	_____	9	
A		- - -	0	_____	_____	_____	_____	_____	_____	_____	A	**<--- Limited Service Interval** (Set Dwell = 255)
B		0	0	_____	_____	_____	_____	_____	_____	_____	B	
C		0	0	_____	_____	_____	_____	_____	_____	_____	C	
D		0	0	_____	_____	_____	_____	_____	_____	_____	D	
E		0	0	_____	_____	_____	_____	_____	_____	_____	E	
F		0	0	_____	_____	_____	_____	_____	_____	_____	F	

Special Event Schedule <C Page with F+9+F=22>

Prepared by NDS/ATD

VOLUME

Coast Hwy 101 N/O The Campground Entrance

Day: Wednesday
Date: 9/7/2016

City: Encinitas
Project #: CA16_4273_001

DAILY TOTALS	NB	SB	EB	WB	Total
	6,734	8,537	0	0	15,271

AM Period	NB		SB		EB		WB		TOTAL		PM Period	NB		SB		EB		WB		TOTAL	
00:00	5		7						12		12:00	127		157						284	
00:15	4		8						12		12:15	146		113						259	
00:30	3		14						17		12:30	128		118						246	
00:45	5	17	4	33					9	50	12:45	153	554	152	540					305	1094
01:00	1		5						6		13:00	128		146						274	
01:15	1		4						5		13:15	131		150						281	
01:30	2		2						4		13:30	120		144						264	
01:45	6	10	3	14					9	24	13:45	124	503	149	589					273	1092
02:00	0		3						3		14:00	137		136						273	
02:15	1		2						3		14:15	111		158						269	
02:30	3		1						4		14:30	120		129						249	
02:45	3	7	1	7					4	14	14:45	132	500	120	543					252	1043
03:00	3		1						4		15:00	128		122						250	
03:15	3		4						7		15:15	143		118						261	
03:30	0		2						2		15:30	168		137						305	
03:45	1	7	3	10					4	17	15:45	174	613	108	485					282	1098
04:00	2		1						3		16:00	162		110						272	
04:15	1		4						5		16:15	204		120						324	
04:30	4		4						8		16:30	208		108						316	
04:45	3	10	6	15					9	25	16:45	184	758	125	463					309	1221
05:00	2		3						5		17:00	184		139						323	
05:15	14		12						26		17:15	196		129						325	
05:30	11		12						23		17:30	175		105						280	
05:45	30	57	22	49					52	106	17:45	183	738	129	502					312	1240
06:00	24		35						59		18:00	152		122						274	
06:15	21		53						74		18:15	129		97						226	
06:30	25		79						104		18:30	106		122						228	
06:45	36	106	103	270					139	376	18:45	99	486	85	426					184	912
07:00	29		127						156		19:00	86		82						168	
07:15	56		221						277		19:15	78		66						144	
07:30	46		223						269		19:30	61		76						137	
07:45	64	195	264	835					328	1030	19:45	51	276	83	307					134	583
08:00	64		274						338		20:00	58		45						103	
08:15	76		282						358		20:15	43		59						102	
08:30	63		267						330		20:30	45		44						89	
08:45	81	284	288	1111					369	1395	20:45	40	186	45	193					85	379
09:00	89		254						343		21:00	33		58						91	
09:15	97		234						331		21:15	24		41						65	
09:30	101		205						306		21:30	27		31						58	
09:45	105	392	183	876					288	1268	21:45	21	105	23	153					44	258
10:00	100		143						243		22:00	13		25						38	
10:15	100		125						225		22:15	16		12						28	
10:30	105		105						210		22:30	15		17						32	
10:45	95	400	116	489					211	889	22:45	16	60	19	73					35	133
11:00	98		130						228		23:00	4		21						25	
11:15	104		113						217		23:15	4		10						14	
11:30	131		126						257		23:30	5		8						13	
11:45	116	449	137	506					253	955	23:45	8	21	9	48					17	69
TOTALS		1934		4215						6149	TOTALS		4800		4322						9122
SPLIT %		31.5%		68.5%						40.3%	SPLIT %		52.6%		47.4%						59.7%

DAILY TOTALS	NB	SB	EB	WB	Total
	6,734	8,537	0	0	15,271

AM Peak Hour	11:30	08:00			08:15	PM Peak Hour	16:15	12:45			16:30
AM Pk Volume	520	1111			1400	PM Pk Volume	780	592			1273
Pk Hr Factor	0.890	0.964			0.949	Pk Hr Factor	0.938	0.974			0.979
7 - 9 Volume	479	1946	0	0	2425	4 - 6 Volume	1496	965	0	0	2461
7 - 9 Peak Hour	08:00	08:00			08:00	4 - 6 Peak Hour	16:15	17:00			16:30
7 - 9 Pk Volume	284	1111	0	0	1395	4 - 6 Pk Volume	780	502	0	0	1273
Pk Hr Factor	0.877	0.964	0.000	0.000	0.945	Pk Hr Factor	0.938	0.903	0.000	0.000	0.979

Prepared by NDS/ATD

VOLUME

Coast Hwy 101 S/O The Campground Entrance

Day: Wednesday
Date: 9/7/2016

City: Encinitas
Project #: CA16_4273_002

DAILY TOTALS	NB	SB	EB	WB	Total
	6,586	8,416	0	0	15,002

AM Period	NB		SB		EB		WB		TOTAL		PM Period	NB		SB		EB		WB		TOTAL	
00:00	5		8						13		12:00	115		159						274	
00:15	4		7						11		12:15	137		118						255	
00:30	3		14						17		12:30	120		118						238	
00:45	5	17	3	32					8	49	12:45	148	520	145	540					293	1060
01:00	1		6						7		13:00	133		136						269	
01:15	1		3						4		13:15	124		154						278	
01:30	2		4						6		13:30	112		134						246	
01:45	6	10	3	16					9	26	13:45	120	489	138	562					258	1051
02:00	0		3						3		14:00	139		129						268	
02:15	2		2						4		14:15	112		150						262	
02:30	3		1						4		14:30	116		121						237	
02:45	3	8	1	7					4	15	14:45	129	496	119	519					248	1015
03:00	3		1						4		15:00	132		124						256	
03:15	3		4						7		15:15	138		114						252	
03:30	0		2						2		15:30	169		135						304	
03:45	1	7	1	8					2	15	15:45	165	604	106	479					271	1083
04:00	2		2						4		16:00	153		102						255	
04:15	1		2						3		16:15	195		124						319	
04:30	4		5						9		16:30	206		100						306	
04:45	3	10	8	17					11	27	16:45	208	762	118	444					326	1206
05:00	2		4						6		17:00	171		121						292	
05:15	14		15						29		17:15	203		136						339	
05:30	12		11						23		17:30	159		106						265	
05:45	29	57	21	51					50	108	17:45	177	710	113	476					290	1186
06:00	26		29						55		18:00	150		113						263	
06:15	18		52						70		18:15	128		94						222	
06:30	22		79						101		18:30	102		113						215	
06:45	35	101	108	268					143	369	18:45	94	474	85	405					179	879
07:00	34		140						174		19:00	85		82						167	
07:15	49		212						261		19:15	78		66						144	
07:30	47		235						282		19:30	61		73						134	
07:45	61	191	257	844					318	1035	19:45	47	271	87	308					134	579
08:00	65		275						340		20:00	55		43						98	
08:15	75		281						356		20:15	43		57						100	
08:30	60		273						333		20:30	44		44						88	
08:45	84	284	291	1120					375	1404	20:45	43	185	41	185					84	370
09:00	86		244						330		21:00	29		58						87	
09:15	89		235						324		21:15	24		43						67	
09:30	100		206						306		21:30	27		29						56	
09:45	98	373	180	865					278	1238	21:45	18	98	21	151					39	249
10:00	98		146						244		22:00	15		23						38	
10:15	99		125						224		22:15	16		15						31	
10:30	100		106						206		22:30	15		17						32	
10:45	91	388	117	494					208	882	22:45	17	63	19	74					36	137
11:00	103		122						225		23:00	9		19						28	
11:15	94		113						207		23:15	6		11						17	
11:30	127		123						250		23:30	5		9						14	
11:45	116	440	146	504					262	944	23:45	8	28	8	47					16	75
TOTALS		1886		4226						6112	TOTALS		4700		4190						8890
SPLIT %		30.9%		69.1%						40.7%	SPLIT %		52.9%		47.1%						59.3%

DAILY TOTALS	NB	SB	EB	WB	Total
	6,586	8,416	0	0	15,002

AM Peak Hour	11:30	08:00			08:00	PM Peak Hour	16:30	12:45			16:30
AM Pk Volume	495	1120			1404	PM Pk Volume	788	569			1263
Pk Hr Factor	0.903	0.962			0.936	Pk Hr Factor	0.947	0.924			0.931
7 - 9 Volume	475	1964	0	0	2439	4 - 6 Volume	1472	920	0	0	2392
7 - 9 Peak Hour	08:00	08:00			08:00	4 - 6 Peak Hour	16:30	16:45			16:30
7 - 9 Pk Volume	284	1120	0	0	1404	4 - 6 Pk Volume	788	481	0	0	1263
Pk Hr Factor	0.845	0.962	0.000	0.000	0.936	Pk Hr Factor	0.947	0.884	0.000	0.000	0.931

Prepared by NDS/ATD

VOLUME

San Elijo Ave Bet. Santa Fe Dr & Birmingham Dr

Day: Tuesday
Date: 12/6/2016

City: Encinitas
Project #: CA16_4363_001

DAILY TOTALS	NB	SB			Total
	3,934	4,255	0	0	8,189

AM Period	NB		SB		TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	1		1		2		12:00	65		63				128	
00:15	1		4		5		12:15	84		56				140	
00:30	3		2		5		12:30	57		57				114	
00:45	1	6	2	9	3	15	12:45	55	261	52	228			107	489
01:00	1		0		1		13:00	73		65				138	
01:15	1		0		1		13:15	75		64				139	
01:30	3		1		4		13:30	77		64				141	
01:45	3	8	2	3	5	11	13:45	68	293	67	260			135	553
02:00	0		1		1		14:00	70		49				119	
02:15	1		0		1		14:15	77		72				149	
02:30	1		0		1		14:30	87		56				143	
02:45	1	3	1	2	2	5	14:45	79	313	63	240			142	553
03:00	0		0		0		15:00	88		74				162	
03:15	1		1		2		15:15	116		59				175	
03:30	0		0		0		15:30	133		62				195	
03:45	1	2	0	1	1	3	15:45	116	453	76	271			192	724
04:00	0		1		1		16:00	107		68				175	
04:15	2		0		2		16:15	116		57				173	
04:30	3		0		3		16:30	104		68				172	
04:45	3	8	1	2	4	10	16:45	100	427	71	264			171	691
05:00	3		3		6		17:00	128		64				192	
05:15	2		6		8		17:15	110		72				182	
05:30	3		5		8		17:30	88		52				140	
05:45	13	21	10	24	23	45	17:45	100	426	49	237			149	663
06:00	15		14		29		18:00	66		27				93	
06:15	20		26		46		18:15	64		43				107	
06:30	23		35		58		18:30	67		42				109	
06:45	19	77	60	135	79	212	18:45	61	258	34	146			95	404
07:00	25		84		109		19:00	51		23				74	
07:15	30		140		170		19:15	29		36				65	
07:30	32		174		206		19:30	31		20				51	
07:45	49	136	178	576	227	712	19:45	28	139	25	104			53	243
08:00	54		204		258		20:00	18		21				39	
08:15	62		215		277		20:15	22		12				34	
08:30	53		181		234		20:30	18		16				34	
08:45	61	230	162	762	223	992	20:45	29	87	18	67			47	154
09:00	49		131		180		21:00	16		7				23	
09:15	55		98		153		21:15	14		7				21	
09:30	55		82		137		21:30	25		14				39	
09:45	67	226	71	382	138	608	21:45	11	66	6	34			17	100
10:00	34		53		87		22:00	10		11				21	
10:15	56		56		112		22:15	10		10				20	
10:30	62		56		118		22:30	9		6				15	
10:45	65	217	62	227	127	444	22:45	7	36	4	31			11	67
11:00	55		61		116		23:00	1		2				3	
11:15	50		63		113		23:15	5		3				8	
11:30	59		62		121		23:30	0		4				4	
11:45	69	233	55	241	124	474	23:45	2	8	0	9			2	17
TOTALS		1167		2364		**3531**	**TOTALS**		2767		1891				**4658**
SPLIT %		33.1%		66.9%		**43.1%**	**SPLIT %**		59.4%		40.6%				**56.9%**

DAILY TOTALS	NB	SB			Total
	3,934	4,255	0	0	8,189

AM Peak Hour	11:30	07:45			**07:45**	**PM Peak Hour**	15:15	16:30			**15:15**
AM Pk Volume	277	778			**996**	**PM Pk Volume**	472	275			**737**
Pk Hr Factor	0.824	0.905			**0.899**	**Pk Hr Factor**	0.887	0.955			**0.945**
7 - 9 Volume	366	1338	0	0	**1704**	**4 - 6 Volume**	853	501	0	0	**1354**
7 - 9 Peak Hour	08:00	07:45			**07:45**	**4 - 6 Peak Hour**	16:15	16:30			**16:30**
7 - 9 Pk Volume	230	778	0	0	**996**	**4 - 6 Pk Volume**	448	275	0	0	**717**
Pk Hr Factor	0.927	0.905	0.000	0.000	**0.899**	**Pk Hr Factor**	0.875	0.955	0.000	0.000	**0.934**

MetroCount Traffic Executive
Vehicle Counts

VehicleCount-114 -- English (ENU)

Datasets:

Site:	**[San Elijo S] 2101 San Elijo**
Attribute:	
Direction:	7 - North bound A>B, South bound B>A. **Lane:** 0
Survey Duration:	10:27 Monday, August 17, 2015 => 16:29 Monday, August 24, 2015,
Zone:	
File:	San Elijo S01Sep2015.EC0 (Plus)
Identifier:	GX51M0RA MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm:	Factory default axle (v4.06)
Data type:	Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time:	**10:28 Monday, August 17, 2015 => 16:29 Monday, August 24, 2015 (7.25115)**
Included classes:	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range:	6 - 99 mph.
Direction:	North, South (bound), P = North
Separation:	Headway > 0 sec, Span 0 - 328.084 ft
Name:	Default Profile
Scheme:	Vehicle classification (Scheme F3)
Units:	Non metric (ft, mi, ft/s, mph, lb, ton)
In profile:	Vehicles = 104728 / 105434 (99.33%)

* Monday, August 17, 2015 - Total=9487 (Incomplete) , 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
-	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**857**	**943**	**940**	**930**	**937**	**1020**	**1077**	**949**	**817**	**519**	**275**	**138**	**85**	
-	-	-	-	-	-	-	-	-	-	-	212	238	226	223	241	226	257	**261**	238	154	95	43	30	18
-	-	-	-	-	-	-	-	-	-	16	205	222	227	230	229	270	269	**279**	193	153	80	38	20	6
-	-	-	-	-	-	-	-	-	-	198	226	230	243	239	237	260	**281**	201	190	104	52	29	19	10
-	-	-	-	-	-	-	-	-	-	200	214	253	244	238	230	264	**270**	208	196	108	48	28	16	10

PM Peak 1730 - 1830 (1091), PM PHF=0.97

* Tuesday, August 18, 2015 - Total=14287, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
44	**24**	**15**	**6**	**21**	**115**	**336**	**773**	**1139**	**944**	**817**	**866**	**983**	**976**	**951**	**996**	**1117**	**1158**	**974**	**833**	**532**	**361**	**196**	**110**	
18	5	4	3	4	12	53	153	250	**255**	212	201	220	270	230	242	265	**290**	276	226	169	108	62	29	14
6	5	7	1	6	27	51	186	**288**	243	198	222	252	260	257	255	280	**273**	263	216	130	99	51	44	20
10	7	3	0	4	31	101	210	**315**	220	198	217	258	211	232	239	301	**278**	225	206	121	88	50	22	10
10	7	1	2	7	45	131	224	**286**	226	209	226	253	235	232	260	271	**317**	210	185	112	66	33	15	11

AM Peak 0815 - 0915 (1144), AM PHF=0.91 PM Peak 1700 - 1800 (1158), PM PHF=0.91

* Wednesday, August 19, 2015 - Total=14206, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
55	**39**	**15**	**5**	**11**	**108**	**355**	**807**	**1075**	**902**	**814**	**901**	**1058**	**1049**	**928**	**1039**	**1039**	**1116**	**1023**	**769**	**492**	**311**	**192**	**103**	
14	6	5	2	2	13	53	158	**258**	244	200	209	248	258	211	251	267	**286**	268	219	159	100	59	40	19
20	8	3	0	2	19	75	191	**270**	219	211	232	272	267	243	264	235	**272**	262	186	108	92	45	31	9
10	15	4	0	4	29	89	213	**275**	232	206	228	246	287	236	270	253	**307**	261	191	113	72	44	23	22
11	10	3	3	3	47	138	245	**272**	207	197	232	292	237	238	254	**284**	251	232	173	112	47	44	9	9

AM Peak 0800 - 0900 (1075), AM PHF=0.98 PM Peak 1645 - 1745 (1149), PM PHF=0.94

* Thursday, August 20, 2015 - Total=14637, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
59	**20**	**20**	**4**	**23**	**118**	**344**	**789**	**1070**	**847**	**787**	**903**	**1009**	**914**	**918**	**1050**	**1214**	**1186**	**1133**	**942**	**574**	**345**	**212**	**156**	
19	2	11	0	2	13	46	146	**259**	222	177	208	270	247	238	271	275	**286**	299	264	176	101	53	51	21
9	3	4	1	9	33	79	206	**269**	218	181	214	255	218	232	246	285	**309**	263	243	159	98	55	43	11
22	7	3	0	5	33	95	205	**274**	219	195	248	247	231	232	268	**314**	290	283	238	126	82	59	34	14
9	8	2	3	7	39	124	232	**268**	188	234	233	237	218	216	265	**340**	301	288	197	113	64	45	28	15

AM Peak 0800 - 0900 (1070), AM PHF=0.98 PM Peak 1630 - 1730 (1249), PM PHF=0.92

* Friday, August 21, 2015 - Total=15295, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
61	**59**	**16**	**10**	**15**	**107**	**386**	**777**	**1054**	**881**	**914**	**952**	**1009**	**1125**	**1085**	**1097**	**1155**	**1180**	**969**	**854**	**581**	**453**	**327**	**228**	
21	22	10	2	1	10	68	146	**243**	218	225	193	266	265	265	280	272	**276**	276	253	175	130	89	76	45
11	12	4	3	2	18	77	197	**285**	229	234	240	249	290	288	263	295	**314**	244	206	161	117	72	52	35
14	17	0	1	5	26	106	205	**264**	214	219	278	257	283	287	275	280	**304**	233	194	132	118	75	51	35
15	8	2	4	7	53	135	229	**262**	220	236	241	237	287	245	279	**308**	286	216	201	113	88	91	49	41

AM Peak 0800 - 0900 (1054), AM PHF=0.92 PM Peak 1645 - 1745 (1202), PM PHF=0.96

* Saturday, August 22, 2015 - Total=14470, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
156	**128**	**58**	**16**	**23**	**71**	**215**	**470**	**735**	**838**	**1004**	**1100**	**1157**	**1126**	**1140**	**1033**	**1049**	**962**	**937**	**819**	**511**	**428**	**308**	**186**	
45	32	28	4	4	12	22	94	177	177	221	273	**286**	**289**	260	248	273	244	247	226	178	121	103	61	45
35	30	19	4	4	16	38	110	199	189	258	267	**291**	282	272	277	277	250	254	209	124	113	71	39	29
35	32	5	2	7	12	66	126	166	240	269	278	**308**	273	310	235	227	250	198	180	93	102	66	43	35
41	34	6	6	8	31	89	140	193	232	256	**282**	**272**	282	298	273	272	218	238	204	116	92	68	43	33

AM Peak 1145 - 1245 (1167), AM PHF=0.95 PM Peak 1215 - 1315 (1160), PM PHF=0.94

* Sunday, August 23, 2015 - Total=13128, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
142	**118**	**42**	**16**	**16**	**51**	**198**	**389**	**601**	**878**	**922**	**1019**	**1144**	**1081**	**1086**	**1076**	**1035**	**952**	**791**	**687**	**400**	**252**	**147**	**85**	
45	31	21	5	3	8	33	89	128	195	207	243	**263**	253	291	265	254	270	204	203	118	66	53	24	12
29	28	7	2	0	10	37	81	146	209	241	262	**279**	279	253	271	274	248	187	201	108	70	40	22	14
35	37	11	5	3	9	58	93	162	211	248	264	**308**	258	259	278	262	215	211	178	95	68	24	19	10
33	22	3	4	10	24	70	126	165	263	226	**250**	**294**	291	283	262	245	219	189	105	79	48	30	20	7

AM Peak 1145 - 1245 (1100), AM PHF=0.89 PM Peak 1200 - 1300 (1144), PM PHF=0.93

* Monday, August 24, 2015 - Total=8804 (Incomplete) , 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
43	**22**	**14**	**5**	**19**	**95**	**316**	**758**	**1019**	**821**	**806**	**848**	**867**	**906**	**856**	**900**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
12	4	7	1	4	12	47	119	**251**	225	203	191	223	250	220	203	257	-	-	-	-	-	-	-	-
14	4	1	3	2	18	60	169	**274**	185	211	205	219	233	195	232	252	-	-	-	-	-	-	-	-
10	6	4	1	9	24	87	223	**264**	210	182	208	210	228	206	227	-	-	-	-	-	-	-	-	-
7	8	2	0	4	41	122	**247**	230	201	210	244	215	195	235	238	-	-	-	-	-	-	-	-	-

AM Peak 0745 - 0845 (1036), AM PHF=0.95

MetroCount Traffic Executive
Vehicle Counts

VehicleCount-117 -- English (ENU)

Datasets:

Site:	**[San Elijo N] Library sign post North of Liverpool**
Attribute:	
Direction:	7 - North bound A>B, South bound B>A. **Lane:** 0
Survey Duration:	10:59 Monday, August 17, 2015 => 17:31 Tuesday, August 25, 2015,
Zone:	
File:	San Elijo N27Aug2015.EC0 (Plus)
Identifier:	GW705KDX MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm:	Factory default axle (v4.06)
Data type:	Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time:	**11:00 Monday, August 17, 2015 => 17:31 Tuesday, August 25, 2015 (8.27199)**
Included classes:	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range:	6 - 99 mph.
Direction:	North, South (bound), P = North
Separation:	Headway > 0 sec, Span 0 - 328.084 ft
Name:	Default Profile
Scheme:	Vehicle classification (Scheme F3)
Units:	Non metric (ft, mi, ft/s, mph, lb, ton)
In profile:	Vehicles = 108821 / 109205 (99.65%)

* Monday, August 17, 2015 - Total=8643 (Incomplete) , 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
-	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**788**	**860**	**823**	**840**	**865**	**968**	**978**	**868**	**722**	**454**	**261**	**136**	**80**	
-	-	-	-	-	-	-	-	-	-	-	193	216	199	204	211	223	**235**	244	217	133	85	40	25	16
-	-	-	-	-	-	-	-	-	-	-	183	198	197	208	223	260	**260**	244	172	134	80	40	22	6
-	-	-	-	-	-	-	-	-	-	-	204	212	214	211	216	240	**253**	188	158	88	52	29	19	10
-	-	-	-	-	-	-	-	-	-	-	208	234	213	217	215	**245**	230	192	175	99	44	27	14	10

PM Peak 1645 - 1745 (993), PM PHF=0.95

* Tuesday, August 18, 2015 - Total=12992, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
42	**24**	**16**	**6**	**17**	**106**	**320**	**696**	**1018**	**848**	**743**	**808**	**893**	**894**	**862**	**919**	**986**	**1074**	**885**	**739**	**493**	**314**	**186**	**103**	
16	5	4	3	3	12	48	139	215	**234**	174	183	204	240	204	227	220	**256**	249	192	152	93	60	29	14
6	5	8	1	5	25	52	159	**257**	215	184	201	228	223	248	228	256	**263**	256	190	118	84	49	40	17
10	7	3	0	4	26	98	191	**283**	195	190	205	233	221	202	231	266	**257**	201	195	118	74	46	20	9
10	7	1	2	5	43	122	207	**263**	204	195	219	228	210	208	233	244	**298**	179	162	105	63	31	14	9

AM Peak 0815 - 0915 (1037), AM PHF=0.92 PM Peak 1700 - 1800 (1074), PM PHF=0.90

* Wednesday, August 19, 2015 - Total=12950, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
49	**41**	**16**	**5**	**10**	**96**	**325**	**725**	**966**	**811**	**765**	**822**	**927**	**934**	**845**	**954**	**959**	**1029**	**934**	**689**	**466**	**295**	**189**	**98**	
14	7	5	2	2	12	46	137	**225**	215	186	194	228	231	188	225	243	**257**	249	194	146	98	54	41	18
17	10	3	0	1	21	71	175	**254**	192	210	205	236	246	227	243	216	**248**	250	170	101	89	47	29	8
9	15	5	0	4	28	77	189	**246**	206	182	205	214	242	222	258	239	**280**	229	177	109	61	44	17	19
9	9	3	3	3	35	131	224	**241**	198	187	218	249	215	208	228	**261**	244	206	148	110	47	44	11	7

AM Peak 0800 - 0900 (966), AM PHF=0.95 PM Peak 1645 - 1745 (1046), PM PHF=0.93

* Thursday, August 20, 2015 - Total=13407, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
52	**18**	**19**	**3**	**22**	**102**	**324**	**725**	**956**	**794**	**737**	**827**	**942**	**817**	**838**	**942**	**1091**	**1075**	**1044**	**849**	**531**	**336**	**210**	**153**	
18	1	10	0	2	11	41	137	**230**	206	162	195	244	230	208	247	241	**265**	278	243	158	98	52	51	22
8	3	4	1	9	30	76	191	**240**	203	158	203	237	188	220	209	264	**277**	260	227	145	92	56	40	11
19	8	3	0	6	27	88	188	**241**	208	185	214	238	198	210	245	**280**	260	250	210	115	81	56	34	13
7	6	2	2	5	34	119	209	**245**	177	232	215	223	201	200	241	**306**	273	256	169	113	65	46	28	15

AM Peak 0800 - 0900 (956), AM PHF=0.98 PM Peak 1630 - 1730 (1128), PM PHF=0.92

* Friday, August 21, 2015 - Total=14006, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
61	**57**	**15**	**11**	**15**	**95**	**361**	**729**	**976**	**765**	**823**	**885**	**913**	**981**	**981**	**1010**	**1086**	**1086**	**887**	**772**	**536**	**420**	**317**	**224**	
22	23	9	2	1	9	62	139	**232**	190	200	180	228	230	243	251	249	**253**	248	219	161	122	83	71	46
11	10	4	3	3	16	76	185	**260**	200	212	216	232	254	251	245	275	**283**	233	191	144	108	73	57	31
13	16	0	2	4	23	99	188	**242**	178	199	249	231	242	264	259	264	**279**	212	173	120	109	72	45	36
15	8	2	4	7	47	124	217	**242**	197	212	240	222	255	223	255	**298**	271	194	189	111	81	89	51	40

AM Peak 0800 - 0900 (976), AM PHF=0.94 PM Peak 1645 - 1745 (1113), PM PHF=0.93

* Saturday, August 22, 2015 - Total=13346, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
153	**123**	**56**	**19**	**20**	**66**	**198**	**441**	**639**	**756**	**878**	**1031**	**1037**	**1042**	**1021**	**997**	**933**	**900**	**869**	**745**	**487**	**440**	**316**	**179**	
46	29	27	4	3	11	18	92	156	158	201	262	**267**	269	244	**263**	233	225	237	201	173	127	110	60	45
31	30	17	4	4	13	35	102	154	177	235	245	**253**	269	232	**259**	237	241	229	189	120	120	75	38	29
36	33	6	5	7	13	64	113	148	218	238	**261**	259	244	**276**	233	225	221	188	173	88	103	65	41	29
40	31	6	6	6	29	81	134	181	203	204	**263**	258	260	**269**	242	238	213	215	182	106	90	66	40	28

AM Peak 1130 - 1230 (1044), AM PHF=0.98 PM Peak 1430 - 1530 (1067), PM PHF=0.97

* Sunday, August 23, 2015 - Total=11908, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
131	**118**	**43**	**15**	**17**	**48**	**168**	**340**	**521**	**752**	**855**	**926**	**1039**	**975**	**981**	**991**	**935**	**871**	**713**	**625**	**390**	**240**	**135**	**79**	
45	31	20	4	4	8	28	79	105	154	188	225	**246**	**254**	249	241	230	251	184	181	121	57	46	23	11
29	28	8	2	0	11	30	70	123	178	225	233	**258**	238	232	248	239	227	177	176	105	70	37	19	12
29	37	12	5	4	9	47	79	150	185	224	236	**270**	239	242	262	231	192	174	164	89	71	24	18	10
28	22	3	4	9	20	63	112	143	235	218	**232**	**265**	244	258	240	235	201	178	104	75	42	28	19	7

AM Peak 1145 - 1245 (1006), AM PHF=0.93 PM Peak 1215 - 1315 (1047), PM PHF=0.97

* Monday, August 24, 2015 - Total=11562, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
40	**22**	**12**	**5**	**19**	**95**	**295**	**683**	**869**	**761**	**713**	**805**	**807**	**805**	**791**	**828**	**949**	**964**	**758**	**529**	**379**	**233**	**123**	**77**	
11	6	6	1	4	11	40	116	**225**	205	168	173	199	212	210	194	240	**230**	215	156	110	72	34	19	8
12	4	1	3	2	19	59	147	**248**	174	187	205	205	210	180	202	246	**238**	180	123	113	68	27	27	14
10	6	4	1	9	23	78	201	**240**	208	165	192	197	206	180	211	228	**260**	185	128	84	48	36	16	16
7	6	1	0	4	42	118	**219**	156	174	193	235	206	177	221	221	235	**236**	178	122	72	45	26	15	7

AM Peak 0745 - 0845 (932), AM PHF=0.94 PM Peak 1700 - 1800 (964), PM PHF=0.93

* Tuesday, August 25, 2015 - Total=10007 (Incomplete) , 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
45	**17**	**14**	**3**	**20**	**91**	**318**	**1052**	**1229**	**974**	**788**	**844**	**790**	**764**	**775**	**879**	**865**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
8	5	4	0	4	10	51	166	**300**	266	203	215	196	188	200	219	203	259	-	-	-	-	-	-	-
14	0	8	1	3	25	74	265	**308**	255	177	217	214	185	210	229	215	250	-	-	-	-	-	-	-
16	3	2	1	3	19	74	**313**	307	243	205	187	207	204	188	233	213	30	-	-	-	-	-	-	-
7	9	0	1	10	37	119	**308**	314	210	203	225	173	187	177	198	234	-	-	-	-	-	-	-	-

AM Peak 0730 - 0830 (1229), AM PHF=0.98

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 16-4275-001 **Day:** Wednesday

City: Encinitas **Date:** 9/7/2016

AM

NS/EW Streets:	Coast Hwy 101			Coast Hwy 101			Swamis Pedestrian Crossing			Swamis Pedestrian Crossing			
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	2	0	0	1	0	0	0	0	0	0	0	
7:00 AM	0	27	0	0	142	0	0	0	0	0	0	0	169
7:15 AM	0	50	0	0	206	0	0	0	0	0	0	0	256
7:30 AM	0	39	0	0	234	0	0	0	0	0	0	0	273
7:45 AM	0	52	0	0	241	0	0	0	0	0	0	0	293
8:00 AM	0	61	0	0	278	0	0	0	0	0	0	0	339
8:15 AM	0	65	0	0	274	0	0	0	0	0	0	0	339
8:30 AM	0	51	0	0	266	0	0	0	0	0	0	0	317
8:45 AM	0	86	0	0	273	0	0	0	0	0	0	0	359
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	0	431	0	0	1914	0	0	0	0	0	0	0	2345
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	100.00%	0.00%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
PEAK HR START TIME :	800 AM												TOTAL
PEAK HR VOL :	0	263	0	0	1091	0	0	0	0	0	0	0	1354
PEAK HR FACTOR :		0.765			0.981			0.000			0.000		0.943

CONTROL : Signalized

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 16-4275-001 **Day:** Wednesday

City: Encinitas **Date:** 9/7/2016

PM

NS/EW Streets:	Coast Hwy 101			Coast Hwy 101			Swamis Pedestrian Crossing			Swamis Pedestrian Crossing			
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	2	0	0	1	0	0	0	0	0	0	0	
4:00 PM	0	166	0	0	112	0	0	0	0	0	0	0	278
4:15 PM	0	185	0	0	108	0	0	0	0	0	0	0	293
4:30 PM	0	192	0	0	102	0	0	0	0	0	0	0	294
4:45 PM	0	188	0	0	112	0	0	0	0	0	0	0	300
5:00 PM	0	175	0	0	127	0	0	0	0	0	0	0	302
5:15 PM	0	183	0	0	122	0	0	0	0	0	0	0	305
5:30 PM	0	169	0	0	102	0	0	0	0	0	0	0	271
5:45 PM	0	172	0	0	124	0	0	0	0	0	0	0	296
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	0	1430	0	0	909	0	0	0	0	0	0	0	2339
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	100.00%	0.00%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
PEAK HR START TIME :	430 PM												TOTAL
PEAK HR VOL :	0	738	0	0	463	0	0	0	0	0	0	0	1201
PEAK HR FACTOR :		0.961			0.911			0.000			0.000		0.984

CONTROL : Signalized

ITM Peak Hour Summary

Prepared by:

National Data & Surveying Services

Coast Hwy 101 and Swamis Pedestrian Crossing , Encinitas

Date:	9/7/2016
Day:	Wednesday

Project #:	16-4275-001
City:	Encinitas

AM Peak Hour	800 AM
NOON Peak Hour	
PM Peak Hour	430 PM

Peak Hour Summary

Southbound Approach (Coast Hwy 101)

	Lanes 0	1	0		
AM	0	1091	0	263	AM
NOON	0	0	0	0	NOON
PM	0	463	0	738	PM

Eastbound Approach (Swamis Pedestrian Crossing)

Lanes	AM	NOON	PM
	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

Westbound Approach

AM	NOON	PM	Lanes
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	

Northbound Approach

AM	1091	0	263	0	AM
NOON	0	0	0	0	NOON
PM	463	0	738	0	PM
		0	2	0	Lanes

CONTROL

Signalized

Count Periods	Start	End
AM	7:00 AM	9:00 AM
NOON	NONE	NONE
PM	4:00 PM	6:00 PM

Total Ins & Outs

	North Leg		
	1091	263	AM
	0	0	NOON
	463	738	PM

West Leg	AM	NOON	PM
	0	0	0
	0	0	0

East Leg	AM	NOON	PM
	0	0	0
	0	0	0

	South Leg	
AM	1091	263
NOON	0	0
PM	463	738

Total Volume Per Leg

	North Leg
AM	1354
NOON	0
PM	1201

West Leg	AM	NOON	PM
	0	0	0

East Leg	AM	NOON	PM
	0	0	0

	South Leg
AM	1354
NOON	0
PM	1201

PREPARED BY NATIONAL DATA & SURVEYING SERVICES

Pedestrian Count Peak Hour

	Start:	End:
AM	7:00	9:00
NOON		
PM	16:00	18:00

PROJECT#: 16-4275-001
N/S Street: Coast Hwy 101
E/W Street: Swamis Pedestrian Crossing
DATE: 9/7/2016 DAY: Wednesday
CITY: Encinitas

AM	21
NOON	0
PM	38

24	AM
0	NOON
40	PM

AM	NOON	PM
0	0	0

NORTH LEG

AM	NOON	PM
0	0	0

WEST LEG

EAST LEG

0	0	0
AM	NOON	PM

SOUTH LEG

0	0	0
AM	NOON	PM

AM	0
NOON	0
PM	0

0	AM
0	NOON
0	PM

PREPARED BY NATIONAL DATA & SURVEYING SERVICES

Bicycle Count Peak Hour

	Start:	End:
AM	7:00	9:00
NOON		
PM	16:00	18:00

PROJECT#: 16-4275-001
N/S Street: Coast Hwy 101
E/W Street: Swamis Pedestrian Crossing
DATE: 9/7/2016
CITY: Encinitas

DAY: Wednesday

AM	0	36	0
NOON	0	0	0
PM	0	28	3

NORTH LEG

WEST LEG

AM	NOON	PM
0	0	0
0	0	0
0	0	0

EAST LEG

AM	NOON	PM
3	0	2
0	0	0
5	0	1

SOUTH LEG

AM	0	32	8
NOON	0	0	0
PM	0	36	4

PREPARED BY NATIONAL DATA & SURVEYING SERVICES

PROJECT#: 16-4275-001
N/S Street: Coast Hwy 101
E/W Street: Swamis Pedestrian Crossing
DATE: 9/7/2016 DAY: Wednesday
CITY: Encinitas

A M

PEDESTRIANS

TIME	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG	
	EB	WB	EB	WB	NB	SB	NB	SB
7:00 AM	5	9	0	0	0	0	0	0
7:15 AM	10	3	0	0	0	0	0	0
7:30 AM	3	8	0	0	0	0	0	0
7:45 AM	3	4	0	0	0	0	0	0
8:00 AM	5	3	0	0	0	0	0	0
8:15 AM	7	6	0	0	0	0	0	0
8:30 AM	8	2	0	0	0	0	0	0
8:45 AM	5	8	0	0	0	0	0	0
TOTALS	**46**	**43**	**0**	**0**	**0**	**0**	**0**	**0**

BIKES

TIME	NB			SB			EB			WB		
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR
7:00 AM	0	4	0	0	2	0	0	0	0	3	0	0
7:15 AM	0	13	0	0	11	0	0	0	0	0	0	0
7:30 AM	0	10	0	1	6	0	0	0	0	1	0	2
7:45 AM	0	8	0	0	10	0	0	0	0	0	0	1
8:00 AM	0	10	0	0	9	0	0	0	0	0	0	2
8:15 AM	0	9	0	0	11	0	0	0	0	1	0	0
8:30 AM	0	5	8	0	6	0	0	0	0	4	0	0
8:45 AM	0	1	0	0	3	0	0	0	0	1	0	0
TOTALS	**0**	**60**	**8**	**1**	**58**	**0**	**0**	**0**	**0**	**10**	**0**	**5**

P M

PEDESTRIANS

TIME	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG	
	EB	WB	EB	WB	NB	SB	NB	SB
4:00 PM	2	6	0	0	0	0	0	0
4:15 PM	2	10	0	0	0	0	0	0
4:30 PM	4	5	0	0	0	0	0	0
4:45 PM	6	8	0	0	0	0	0	0
5:00 PM	12	15	0	0	0	0	0	0
5:15 PM	13	7	0	0	0	0	0	0
5:30 PM	6	4	0	0	0	0	0	0
5:45 PM	7	14	0	0	0	0	0	0
TOTALS	**52**	**69**	**0**	**0**	**0**	**0**	**0**	**0**

BIKES

TIME	NB			SB			EB			WB		
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR
4:00 PM	0	2	0	0	1	0	0	0	0	0	0	0
4:15 PM	0	2	2	0	7	0	0	0	0	4	0	2
4:30 PM	0	4	0	2	5	0	0	0	0	0	0	0
4:45 PM	0	11	0	0	5	0	0	0	0	0	0	0
5:00 PM	0	8	0	0	8	0	0	0	0	0	0	0
5:15 PM	0	9	2	0	7	0	0	0	0	0	0	1
5:30 PM	0	10	2	1	4	0	0	0	0	0	0	0
5:45 PM	0	9	0	2	9	0	0	0	0	1	0	1
TOTALS	**0**	**55**	**6**	**5**	**46**	**0**	**0**	**0**	**0**	**5**	**0**	**4**

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 16-4275-002 **Day:** Wednesday

City: Encinitas **Date:** 9/7/2016

AM

NS/EW Streets:	Coast Hwy 101			Coast Hwy 101			Swamis Parking Lot Entrance			Swamis Parking Lot Entrance			
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	1	1	0	0	1	0	0	1	0	0	0	0	
7:00 AM	2	25	0	0	146	3	2	0	1	0	0	0	179
7:15 AM	3	47	0	0	194	6	4	0	2	0	0	0	256
7:30 AM	1	34	0	0	239	3	3	0	1	0	0	0	281
7:45 AM	4	50	0	0	229	11	5	0	6	0	0	0	305
8:00 AM	5	56	0	0	274	7	3	0	3	0	0	0	348
8:15 AM	2	65	0	0	261	8	5	0	4	0	0	0	345
8:30 AM	2	43	0	0	269	5	3	0	4	0	0	0	326
8:45 AM	6	76	0	0	264	5	11	0	5	0	0	0	367
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	25	396	0	0	1876	48	36	0	26	0	0	0	2407
APPROACH %'s :	5.94%	94.06%	0.00%	0.00%	97.51%	2.49%	58.06%	0.00%	41.94%	#DIV/0!	#DIV/0!	#DIV/0!	
PEAK HR START TIME :	800 AM												TOTAL
PEAK HR VOL :	15	240	0	0	1068	25	22	0	16	0	0	0	1386
PEAK HR FACTOR :		0.777			0.972			0.594			0.000		0.944

CONTROL : 1-Way Stop (EB)

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 16-4275-002 **Day:** Wednesday

City: Encinitas **Date:** 9/7/2016

PM

NS/EW Streets:	Coast Hwy 101			Coast Hwy 101			Swamis Parking Lot Entrance			Swamis Parking Lot Entrance			
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	1	1	0	0	1	0	0	1	0	0	0	0	
4:00 PM	5	153	0	0	100	3	7	0	6	0	0	0	274
4:15 PM	4	181	0	0	113	4	4	0	1	0	0	0	307
4:30 PM	4	190	0	0	95	7	6	0	1	0	0	0	303
4:45 PM	11	179	0	0	101	5	3	0	3	0	0	0	302
5:00 PM	5	172	0	0	124	7	7	0	6	0	0	0	321
5:15 PM	10	171	0	1	113	4	7	0	10	0	0	0	316
5:30 PM	5	161	0	0	98	8	9	0	3	0	0	0	284
5:45 PM	8	160	0	0	113	11	9	0	2	0	0	0	303
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	52	1367	0	1	857	49	52	0	32	0	0	0	2410
APPROACH %'s :	3.66%	96.34%	0.00%	0.11%	94.49%	5.40%	61.90%	0.00%	38.10%	#DIV/0!	#DIV/0!	#DIV/0!	
PEAK HR START TIME :	430 PM												TOTAL
PEAK HR VOL :	30	712	0	1	433	23	23	0	20	0	0	0	1242
PEAK HR FACTOR :		0.956			0.872			0.632			0.000		0.967

CONTROL : 1-Way Stop (EB)

ITM Peak Hour Summary

Prepared by:

National Data & Surveying Services

Coast Hwy 101 and Swamis Parking Lot Entrance , Encinitas

Date: 9/7/2016

Day: Wednesday

Project #: 16-4275-002

City: Encinitas

AM Peak Hour	800 AM
NOON Peak Hour	
PM Peak Hour	430 PM

Peak Hour Summary

Southbound Approach (Coast Hwy 101)

	Lanes 0	1	0		
AM	25	1068	0	262	AM
NOON	0	0	0	0	NOON
PM	23	433	1	735	PM

Eastbound Approach (Swamis Parking Lot Entrance)

Lanes	AM	NOON	PM
	40	0	53
0	22	0	23
1	0	0	0
0	16	0	20

Westbound Approach

AM	NOON	PM	Lanes
0	0	0	0
0	0	0	0
0	0	0	0
0	0	1	

Northbound Approach

AM	1084	15	240	0	AM
NOON	0	0	0	0	NOON
PM	453	30	712	0	PM
		1	1	0	Lanes

CONTROL

1-Way Stop (EB)

Count Periods	Start	End
AM	7:00 AM	9:00 AM
NOON	NONE	NONE
PM	4:00 PM	6:00 PM

Total Ins & Outs

	North Leg		
	1093	262	AM
	0	0	NOON
	457	735	PM

West Leg	AM	NOON	PM
	40	0	53
	38	0	43

East Leg	AM	NOON	PM
	0	0	0
	0	0	1

	South Leg	
AM	1084	255
NOON	0	0
PM	453	742

Total Volume Per Leg

	North Leg
AM	1355
NOON	0
PM	1192

West Leg	AM	NOON	PM
	78	0	96

East Leg	AM	NOON	PM
	0	0	1

	South Leg
AM	1339
NOON	0
PM	1195

PREPARED BY NATIONAL DATA & SURVEYING SERVICES

Pedestrian Count Peak Hour

	Start:	End:
AM	7:00	9:00
NOON		
PM	16:00	18:00

PROJECT#: 16-4275-002
N/S Street: Coast Hwy 101
E/W Street: Swamis Parking Lot Entrance
DATE: 9/7/2016 DAY: Wednesday
CITY: Encinitas

NORTH LEG

AM	NOON	PM
0	0	0

AM	NOON	PM
0	0	0

WEST LEG

AM	NOON	PM
46	0	48

AM	NOON	PM
0	0	0

EAST LEG

AM	NOON	PM
32	0	40

AM	NOON	PM
0	0	0

SOUTH LEG

AM	NOON	PM
0	0	0

AM	NOON	PM
0	0	1

PREPARED BY NATIONAL DATA & SURVEYING SERVICES

Bicycle Count Peak Hour

	Start:	End:
AM	7:00	9:00
NOON		
PM	16:00	18:00

PROJECT#: 16-4275-002
N/S Street: Coast Hwy 101
E/W Street: Swamis Parking Lot Entrance
DATE: 9/7/2016
CITY: Encinitas

DAY: Wednesday

AM	4	29	0
NOON	0	0	0
PM	8	18	0

NORTH LEG

AM	NOON	PM
2	0	6
0	0	0
7	0	6

WEST LEG

EAST LEG

AM	NOON	PM
0	0	0
0	0	0
0	0	0

SOUTH LEG

AM	4	30	0
NOON	0	0	0
PM	3	30	0

PREPARED BY NATIONAL DATA & SURVEYING SERVICES

PROJECT#: 16-4275-002
N/S Street: Coast Hwy 101
E/W Street: Swamis Parking Lot Entrance
DATE: 9/7/2016 DAY: Wednesday
CITY: Encinitas

A M

PEDESTRIANS

TIME	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG	
	EB	WB	EB	WB	NB	SB	NB	SB
7:00 AM	0	0	0	0	0	0	6	12
7:15 AM	0	0	0	0	0	0	4	4
7:30 AM	0	1	0	0	0	0	4	13
7:45 AM	1	0	0	0	0	0	6	2
8:00 AM	0	0	0	0	0	0	4	16
8:15 AM	0	0	0	0	0	0	17	13
8:30 AM	0	0	0	0	0	0	5	11
8:45 AM	0	0	0	0	0	0	6	6
TOTALS	**1**	**1**	**0**	**0**	**0**	**0**	**52**	**77**

BIKES

TIME	NB			SB			EB			WB		
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR
7:00 AM	0	4	0	0	5	1	0	0	0	0	0	0
7:15 AM	0	11	0	0	9	1	1	0	1	0	0	0
7:30 AM	0	7	0	0	5	2	0	0	2	0	0	0
7:45 AM	1	8	0	0	9	1	1	0	1	0	0	0
8:00 AM	3	4	0	0	6	0	0	0	3	0	0	0
8:15 AM	1	4	0	0	9	0	0	0	1	0	0	0
8:30 AM	0	10	0	0	7	1	0	0	1	0	0	0
8:45 AM	5	1	0	0	3	1	0	0	5	0	0	0
TOTALS	**10**	**49**	**0**	**0**	**53**	**7**	**2**	**0**	**14**	**0**	**0**	**0**

P M

PEDESTRIANS

TIME	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG	
	EB	WB	EB	WB	NB	SB	NB	SB
4:00 PM	0	0	0	0	0	0	4	10
4:15 PM	0	0	0	0	0	0	7	11
4:30 PM	0	0	0	0	0	0	8	7
4:45 PM	0	0	0	0	0	0	9	6
5:00 PM	0	0	0	0	0	0	11	13
5:15 PM	0	0	0	0	0	0	10	14
5:30 PM	0	0	0	1	0	0	14	8
5:45 PM	0	0	0	0	0	0	5	13
TOTALS	**0**	**0**	**0**	**1**	**0**	**0**	**68**	**82**

BIKES

TIME	NB			SB			EB			WB		
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR
4:00 PM	0	1	0	0	3	0	1	0	0	0	0	0
4:15 PM	0	4	0	0	7	3	1	0	2	0	0	0
4:30 PM	0	4	0	0	6	0	0	0	0	0	0	0
4:45 PM	0	9	0	0	5	0	0	0	0	0	0	0
5:00 PM	1	8	0	0	4	2	0	0	0	0	0	0
5:15 PM	0	9	0	0	5	2	3	0	3	0	0	0
5:30 PM	1	7	0	0	3	3	3	0	0	0	0	0
5:45 PM	1	6	0	0	6	1	0	0	3	0	0	0
TOTALS	**3**	**48**	**0**	**0**	**39**	**11**	**8**	**0**	**8**	**0**	**0**	**0**

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 16-4275-003 **Day:** Wednesday

City: Encinitas **Date:** 9/7/2016

AM

NS/EW Streets:	Coast Hwy 101			Coast Hwy 101			Campground North Parking Lot Entrance			Campground North Parking Lot Entrance			
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	1	2	0	0	2	0	0	1	0	0	0	0	
7:00 AM	4	26	0	0	136	0	1	0	0	0	0	0	167
7:15 AM	5	49	0	0	207	1	1	0	5	0	0	0	268
7:30 AM	8	40	0	0	232	1	3	0	3	0	0	0	287
7:45 AM	8	49	0	0	241	2	1	0	6	0	0	0	307
8:00 AM	11	61	0	0	266	6	0	0	4	0	0	0	348
8:15 AM	10	66	0	0	271	2	1	0	7	0	0	0	357
8:30 AM	5	50	0	0	264	0	2	0	6	0	0	0	327
8:45 AM	12	73	0	0	277	3	2	0	5	0	0	0	372
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	63	414	0	0	1894	15	11	0	36	0	0	0	2433
APPROACH %'s :	13.21%	86.79%	0.00%	0.00%	99.21%	0.79%	23.40%	0.00%	76.60%	#DIV/0!	#DIV/0!	#DIV/0!	
PEAK HR START TIME :	800 AM												TOTAL
PEAK HR VOL :	38	250	0	0	1078	11	5	0	22	0	0	0	1404
PEAK HR FACTOR :		0.847			0.972			0.844			0.000		0.944

CONTROL : 1-Way Stop (EB)

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 16-4275-003 **Day:** Wednesday

City: Encinitas **Date:** 9/7/2016

PM

NS/EW Streets:	Coast Hwy 101			Coast Hwy 101			Campground North Parking Lot Entrance			Campground North Parking Lot Entrance			
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	1	2	0	0	2	0	0	1	0	0	0	0	
4:00 PM	12	148	0	0	101	0	1	0	5	0	0	0	267
4:15 PM	7	183	0	0	118	4	2	0	2	0	0	0	316
4:30 PM	17	203	0	0	90	3	2	0	4	0	0	0	319
4:45 PM	15	182	0	0	109	2	3	0	9	0	0	0	320
5:00 PM	13	176	0	0	116	2	1	0	2	0	0	0	310
5:15 PM	9	187	0	0	132	5	2	0	7	0	0	0	342
5:30 PM	15	154	0	0	92	0	2	0	7	0	0	0	270
5:45 PM	11	167	0	0	113	5	2	0	4	0	0	0	302
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	99	1400	0	0	871	21	15	0	40	0	0	0	2446
APPROACH %'s :	6.60%	93.40%	0.00%	0.00%	97.65%	2.35%	27.27%	0.00%	72.73%	#DIV/0!	#DIV/0!	#DIV/0!	
PEAK HR START TIME :	430 PM												TOTAL
PEAK HR VOL :	54	748	0	0	447	12	8	0	22	0	0	0	1291
PEAK HR FACTOR :		0.911			0.838			0.625			0.000		0.944

CONTROL : 1-Way Stop (EB)

ITM Peak Hour Summary

Prepared by:

National Data & Surveying Services

Coast Hwy 101 and Campground North Parking Lot Entrance , Encinitas

Date: 9/7/2016

Day: Wednesday

Project #: 16-4275-003

City: Encinitas

AM Peak Hour	800 AM
NOON Peak Hour	
PM Peak Hour	430 PM

Campground North Parking Lot Entrance

Peak Hour Summary

Southbound Approach (Coast Hwy 101)

	Lanes 0	2	0		
AM	11	1078	0	255	AM
NOON	0	0	0	0	NOON
PM	12	447	0	756	PM

Eastbound Approach

	AM	NOON	PM
	49	0	66
0	5	0	8
1	0	0	0
0	22	0	22
Lanes	AM	NOON	PM

Westbound Approach

AM	NOON	PM	Lanes
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	
AM	NOON	PM	

CONTROL

1-Way Stop (EB)

Northbound Approach

AM	1100	38	250	0	AM
NOON	0	0	0	0	NOON
PM	469	54	748	0	PM
		1	2	0	Lanes

Count Periods	Start	End
AM	7:00 AM	9:00 AM
NOON	NONE	NONE
PM	4:00 PM	6:00 PM

Total Ins & Outs

	North Leg		
	1089	255	AM
	0	0	NOON
	459	756	PM

West Leg AM	NOON	PM	East Leg AM	NOON	PM
49	0	66	0	0	0
27	0	30	0	0	0

	South Leg	
AM	1100	288
NOON	0	0
PM	469	802

Total Volume Per Leg

North Leg	
1344	AM
0	NOON
1215	PM

West Leg AM	NOON	PM	East Leg AM	NOON	PM
76	0	96	0	0	0

	South Leg
AM	1388
NOON	0
PM	1271

PREPARED BY NATIONAL DATA & SURVEYING SERVICES

Pedestrian Count Peak Hour

	Start:	End:
AM	7:00	9:00
NOON		
PM	16:00	18:00

PROJECT#: 16-4275-003
N/S Street: Coast Hwy 101
E/W Street: Campground North Parking Lot Entrance
DATE: 9/7/2016 DAY: Wednesday
CITY: Encinitas

NORTH LEG

AM	NOON	PM
0	0	0

AM	NOON	PM
1	0	0

WEST LEG

AM	NOON	PM
45	0	49

AM	NOON	PM
44	0	36

EAST LEG

AM	NOON	PM
0	0	0

AM	NOON	PM
0	0	0

SOUTH LEG

AM	NOON	PM
0	0	1

AM	NOON	PM
0	0	0

PREPARED BY NATIONAL DATA & SURVEYING SERVICES

Bicycle Count Peak Hour

	Start:	End:
AM	7:00	9:00
NOON		
PM	16:00	18:00

PROJECT#: 16-4275-003
N/S Street: Coast Hwy 101
E/W Street: Campground North Parking Lot Entrance
DATE: 9/7/2016 DAY: Wednesday
CITY: Encinitas

AM	0	43	0
NOON	0	0	0
PM	0	21	0

NORTH LEG

AM	NOON	PM
0	0	0
0	0	0
1	0	3

WEST LEG

EAST LEG

AM	NOON	PM
0	0	0
0	0	0
0	0	0

SOUTH LEG

AM	0	37	0
NOON	0	0	0
PM	2	37	0

PREPARED BY NATIONAL DATA & SURVEYING SERVICES

PROJECT#: 16-4275-003
N/S Street: Coast Hwy 101
E/W Street: Campground North Parking Lot Entrance
DATE: 9/7/2016 DAY: Wednesday
CITY: Encinitas

A M

PEDESTRIANS

TIME	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG	
	EB	WB	EB	WB	NB	SB	NB	SB
7:00 AM	0	0	0	0	0	0	8	5
7:15 AM	1	0	0	0	0	0	3	9
7:30 AM	0	0	0	0	0	0	8	2
7:45 AM	0	0	0	0	0	0	6	10
8:00 AM	0	0	0	0	0	0	9	7
8:15 AM	0	1	0	0	0	0	9	13
8:30 AM	0	0	0	0	0	0	8	15
8:45 AM	0	0	0	0	0	0	18	10
TOTALS	**1**	**1**	**0**	**0**	**0**	**0**	**69**	**71**

BIKES

TIME	NB			SB			EB			WB		
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR
7:00 AM	0	3	0	0	6	0	0	0	0	0	0	0
7:15 AM	0	14	0	0	9	0	0	0	0	0	0	0
7:30 AM	0	9	0	0	5	0	0	0	0	0	0	0
7:45 AM	0	10	0	0	11	0	0	0	0	0	0	0
8:00 AM	0	7	0	0	7	0	0	0	0	0	0	0
8:15 AM	0	7	0	0	12	0	0	0	1	0	0	0
8:30 AM	0	13	0	0	13	0	0	0	0	0	0	0
8:45 AM	0	7	0	0	9	0	0	0	0	0	0	0
TOTALS	**0**	**70**	**0**	**0**	**72**	**0**	**0**	**0**	**1**	**0**	**0**	**0**

P M

PEDESTRIANS

TIME	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG	
	EB	WB	EB	WB	NB	SB	NB	SB
4:00 PM	0	0	0	0	0	0	6	10
4:15 PM	0	0	0	0	0	0	5	12
4:30 PM	0	0	0	0	0	0	12	8
4:45 PM	0	0	0	0	0	0	3	12
5:00 PM	0	0	0	0	0	0	10	11
5:15 PM	0	0	1	0	0	0	10	9
5:30 PM	0	0	0	0	0	0	6	17
5:45 PM	0	0	0	0	0	0	10	12
TOTALS	**0**	**0**	**1**	**0**	**0**	**0**	**62**	**91**

BIKES

TIME	NB			SB			EB			WB		
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR
4:00 PM	0	1	0	0	2	0	0	0	0	0	0	0
4:15 PM	0	3	0	0	8	0	0	0	0	0	0	0
4:30 PM	0	4	0	0	3	0	0	0	1	0	0	0
4:45 PM	1	11	0	0	6	0	0	0	0	0	0	0
5:00 PM	0	9	0	0	5	0	0	0	0	0	0	0
5:15 PM	0	8	0	0	5	0	0	0	3	0	0	0
5:30 PM	1	9	0	0	5	0	0	0	0	0	0	0
5:45 PM	0	8	0	0	7	0	0	0	0	0	0	0
TOTALS	**2**	**53**	**0**	**0**	**41**	**0**	**0**	**0**	**4**	**0**	**0**	**0**

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 16-4275-004 **Day:** Wednesday

City: Encinitas **Date:** 9/7/2016

AM

NS/EW Streets:	Coast Hwy 101			Coast Hwy 101			Campground Main Entrance			Campground Main Entrance			
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	2	0	0	2	2	1	0	1	0	0	0	
7:00 AM	0	27	0	0	130	1	2	0	4	0	0	0	164
7:15 AM	0	57	0	0	215	1	0	0	1	0	0	0	274
7:30 AM	0	45	0	0	227	1	0	0	3	0	0	0	276
7:45 AM	0	63	0	0	256	3	0	0	3	0	0	0	325
8:00 AM	0	65	0	0	268	4	3	0	5	0	0	0	345
8:15 AM	0	75	0	0	283	3	1	0	5	0	0	0	367
8:30 AM	0	60	0	0	261	2	0	0	5	0	0	0	328
8:45 AM	0	80	0	0	287	5	0	0	4	0	0	0	376
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	0	472	0	0	1927	20	6	0	30	0	0	0	2455
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	98.97%	1.03%	16.67%	0.00%	83.33%	#DIV/0!	#DIV/0!	#DIV/0!	
PEAK HR START TIME :	800 AM												TOTAL
PEAK HR VOL :	0	280	0	0	1099	14	4	0	19	0	0	0	1416
PEAK HR FACTOR :		0.875			0.953			0.719			0.000		0.941

CONTROL : 1-Way Stop (EB)

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 16-4275-004 **Day:** Wednesday

City: Encinitas **Date:** 9/7/2016

PM

NS/EW Streets:	Coast Hwy 101			Coast Hwy 101			Campground Main Entrance			Campground Main Entrance			
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	2	0	0	2	2	1	0	1	0	0	0	
4:00 PM	0	153	0	0	101	8	0	0	2	0	0	0	264
4:15 PM	0	192	0	1	119	8	3	0	4	0	0	0	327
4:30 PM	0	210	0	0	100	9	4	0	2	0	0	0	325
4:45 PM	0	207	0	0	112	14	1	0	4	0	0	0	338
5:00 PM	0	174	0	0	118	8	3	0	3	0	0	0	306
5:15 PM	1	198	0	0	138	9	2	0	1	0	0	0	349
5:30 PM	0	161	0	0	93	13	3	0	7	0	0	0	277
5:45 PM	0	175	0	0	111	9	4	0	3	0	0	0	302
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	1	1470	0	1	892	78	20	0	26	0	0	0	2488
APPROACH %'s :	0.07%	99.93%	0.00%	0.10%	91.86%	8.03%	43.48%	0.00%	56.52%	#DIV/0!	#DIV/0!	#DIV/0!	
PEAK HR START TIME :	430 PM												TOTAL
PEAK HR VOL :	1	789	0	0	468	40	10	0	10	0	0	0	1318
PEAK HR FACTOR :		0.940			0.864			0.833			0.000		0.944

CONTROL : 1-Way Stop (EB)

ITM Peak Hour Summary

Prepared by:

National Data & Surveying Services

Coast Hwy 101 and Campground Main Entrance , Encinitas

Date: 9/7/2016

Day: Wednesday

Project #: 16-4275-004

City: Encinitas

AM Peak Hour	800 AM
NOON Peak Hour	
PM Peak Hour	430 PM

Peak Hour Summary

Southbound Approach (Coast Hwy 101)

	Lanes 2	2	0		
AM	14	1099	0	284	AM
NOON	0	0	0	0	NOON
PM	40	468	0	799	PM

Eastbound Approach (Campground Main Entrance)

Lanes	AM	NOON	PM
	14	0	41
1	4	0	10
0	0	0	0
1	19	0	10

Westbound Approach

AM	NOON	PM	Lanes
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	

CONTROL

1-Way Stop (EB)

Northbound Approach

AM	1118	0	280	0	AM
NOON	0	0	0	0	NOON
PM	478	1	789	0	PM
		0	2	0	Lanes

Count Periods	Start	End
AM	7:00 AM	9:00 AM
NOON	NONE	NONE
PM	4:00 PM	6:00 PM

Total Ins & Outs

	North Leg		
	1113	284	AM
	0	0	NOON
	508	799	PM

West Leg AM	NOON	PM	East Leg AM	NOON	PM
14	0	41	0	0	0
23	0	20	0	0	0

	South Leg	
AM	1118	280
NOON	0	0
PM	478	790

Total Volume Per Leg

	North Leg
AM	1397
NOON	0
PM	1307

West Leg AM	NOON	PM	East Leg AM	NOON	PM
37	0	61	0	0	0

	South Leg
AM	1398
NOON	0
PM	1268

PREPARED BY NATIONAL DATA & SURVEYING SERVICES

Pedestrian Count Peak Hour

	Start:	End:
AM	7:00	9:00
NOON		
PM	16:00	18:00

PROJECT#: 16-4275-004
N/S Street: Coast Hwy 101
E/W Street: Campground Main Entrance
DATE: 9/7/2016 DAY: Wednesday
CITY: Encinitas

AM	0
NOON	0
PM	0

0	AM
0	NOON
0	PM

AM	NOON	PM
33	0	28

NORTH LEG

AM	NOON	PM
0	0	0

WEST LEG

EAST LEG

34	0	34
AM	NOON	PM

SOUTH LEG

9	0	10
AM	NOON	PM

AM	0
NOON	0
PM	0

0	AM
0	NOON
0	PM

PREPARED BY NATIONAL DATA & SURVEYING SERVICES

Bicycle Count Peak Hour

	Start:	End:
AM	7:00	9:00
NOON		
PM	16:00	18:00

PROJECT#: 16-4275-004
N/S Street: Coast Hwy 101
E/W Street: Campground Main Entrance
DATE: 9/7/2016
CITY: Encinitas

DAY: Wednesday

AM	0	44	0
NOON	0	0	0
PM	0	24	0

NORTH LEG

WEST LEG

AM	NOON	PM
0	0	0
0	0	0
0	0	0

EAST LEG

AM	NOON	PM
0	0	0
0	0	0
0	0	0

SOUTH LEG

AM	0	25	0
NOON	0	0	0
PM	1	30	0

PREPARED BY NATIONAL DATA & SURVEYING SERVICES

PROJECT#: 16-4275-004
N/S Street: Coast Hwy 101
E/W Street: Campground Main Entrance
DATE: 9/7/2016 DAY: Wednesday
CITY: Encinitas

A M

PEDESTRIANS

TIME	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG	
	EB	WB	EB	WB	NB	SB	NB	SB
7:00 AM	0	0	0	0	1	0	2	2
7:15 AM	0	0	0	0	0	0	3	7
7:30 AM	0	0	0	0	0	0	8	4
7:45 AM	0	0	0	0	4	0	5	6
8:00 AM	0	0	0	0	1	0	3	4
8:15 AM	0	0	0	0	2	0	6	8
8:30 AM	0	0	0	0	1	0	5	11
8:45 AM	0	0	0	0	5	0	20	10
TOTALS	**0**	**0**	**0**	**0**	**14**	**0**	**52**	**52**

BIKES

TIME	NB			SB			EB			WB		
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR
7:00 AM	0	3	0	0	6	0	0	0	0	0	0	0
7:15 AM	0	11	0	0	11	0	0	0	0	0	0	0
7:30 AM	0	7	0	0	5	0	0	0	0	0	0	0
7:45 AM	0	5	0	0	12	0	0	0	0	0	0	0
8:00 AM	0	4	0	0	7	0	0	0	0	0	0	0
8:15 AM	0	4	0	0	10	0	0	0	0	0	0	0
8:30 AM	0	12	0	0	15	0	0	0	0	0	0	0
8:45 AM	0	1	0	0	7	0	0	0	0	0	0	0
TOTALS	**0**	**47**	**0**	**0**	**73**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

P M

PEDESTRIANS

TIME	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG	
	EB	WB	EB	WB	NB	SB	NB	SB
4:00 PM	0	0	0	0	1	0	5	5
4:15 PM	0	0	0	0	3	0	9	12
4:30 PM	0	0	0	0	1	0	11	5
4:45 PM	0	0	0	0	3	0	8	6
5:00 PM	0	0	0	0	3	0	6	5
5:15 PM	0	0	0	0	0	0	8	10
5:30 PM	0	0	0	0	0	0	4	8
5:45 PM	0	0	0	0	1	0	9	13
TOTALS	**0**	**0**	**0**	**0**	**12**	**0**	**60**	**64**

BIKES

TIME	NB			SB			EB			WB		
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR
4:00 PM	0	0	0	0	2	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	5	2	0	0	0	0	0	0
4:30 PM	0	2	0	0	4	0	1	0	0	0	0	0
4:45 PM	0	7	0	0	8	0	0	0	0	0	0	0
5:00 PM	0	7	0	0	5	0	0	0	0	0	0	0
5:15 PM	1	9	0	0	6	0	0	0	0	0	0	0
5:30 PM	0	7	0	0	5	0	0	0	0	0	0	0
5:45 PM	0	7	0	0	5	1	0	0	0	0	0	0
TOTALS	**1**	**39**	**0**	**0**	**40**	**3**	**1**	**0**	**0**	**0**	**0**	**0**

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 16-4275-005 **Day:** Wednesday

City: Encinitas **Date:** 9/7/2016

AM

NS/EW Streets:	Coast Hwy 101			Coast Hwy 101			Chesterfield Dr			Chesterfield Dr			
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	2	1	1	2	0	0	0	0	2	0	1	
7:00 AM	0	21	24	25	117	0	0	0	0	79	0	13	279
7:15 AM	0	26	38	34	176	0	0	0	0	90	0	23	387
7:30 AM	0	28	53	42	197	0	0	0	0	131	0	20	471
7:45 AM	0	35	36	35	217	0	0	0	0	155	0	24	502
8:00 AM	0	42	46	62	216	0	0	0	0	169	0	26	561
8:15 AM	0	50	57	74	203	0	0	0	0	158	0	24	566
8:30 AM	0	37	49	68	209	0	0	0	0	188	0	23	574
8:45 AM	0	43	56	70	221	0	0	0	0	159	0	42	591
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	0	282	359	410	1556	0	0	0	0	1129	0	195	3931
APPROACH %'s :	0.00%	43.99%	56.01%	20.85%	79.15%	0.00%	#DIV/0!	#DIV/0!	#DIV/0!	85.27%	0.00%	14.73%	
PEAK HR START TIME :	800 AM												TOTAL
PEAK HR VOL :	0	172	208	274	849	0	0	0	0	674	0	115	2292
PEAK HR FACTOR :		0.888			0.965			0.000			0.935		0.970

CONTROL : Signalized

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 16-4275-005 **Day:** Wednesday

City: Encinitas **Date:** 9/7/2016

PM

NS/EW Streets:	Coast Hwy 101			Coast Hwy 101			Chesterfield Dr			Chesterfield Dr			
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	2	1	1	2	0	0	0	0	2	0	1	
4:00 PM	0	123	128	33	67	0	0	0	0	67	0	30	448
4:15 PM	0	154	135	39	86	0	0	0	0	70	0	42	526
4:30 PM	0	169	155	34	65	0	0	0	0	70	0	33	526
4:45 PM	0	173	151	42	78	0	0	0	0	83	0	38	565
5:00 PM	0	131	131	45	76	0	0	0	0	78	0	37	498
5:15 PM	0	176	153	57	73	0	0	0	0	92	0	31	582
5:30 PM	0	120	138	36	74	0	0	0	0	79	0	37	484
5:45 PM	0	145	141	50	62	0	0	0	0	74	0	36	508
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	0	1191	1132	336	581	0	0	0	0	613	0	284	4137
APPROACH %'s :	0.00%	51.27%	48.73%	36.64%	63.36%	0.00%	#DIV/0!	#DIV/0!	#DIV/0!	68.34%	0.00%	31.66%	
PEAK HR START TIME :	430 PM												TOTAL
PEAK HR VOL :	0	649	590	178	292	0	0	0	0	323	0	139	2171
PEAK HR FACTOR :		0.941			0.904			0.000			0.939		0.933

CONTROL : Signalized

ITM Peak Hour Summary

Prepared by:

National Data & Surveying Services

Coast Hwy 101 and Chesterfield Dr , Encinitas

Date: 9/7/2016

Day: Wednesday

Project #: 16-4275-005

City: Encinitas

AM Peak Hour	800 AM
NOON Peak Hour	
PM Peak Hour	430 PM

Count Periods	Start	End
AM	7:00 AM	9:00 AM
NOON	NONE	NONE
PM	4:00 PM	6:00 PM

Total Ins & Outs

Total Volume Per Leg

PREPARED BY NATIONAL DATA & SURVEYING SERVICES

Pedestrian Count Peak Hour

	Start:	End:
AM	7:00	9:00
NOON		
PM	16:00	18:00

PROJECT#: 16-4275-005
N/S Street: Coast Hwy 101
E/W Street: Chesterfield Dr
DATE: 9/7/2016 DAY: Wednesday
CITY: Encinitas

AM	40
NOON	0
PM	31

34	AM
0	NOON
35	PM

AM	NOON	PM
37	0	42

AM	NOON	PM
0	0	0

NORTH LEG

WEST LEG

EAST LEG

30	0	33
AM	NOON	PM

0	0	0
AM	NOON	PM

SOUTH LEG

AM	0
NOON	0
PM	0

0	AM
0	NOON
0	PM

PREPARED BY NATIONAL DATA & SURVEYING SERVICES

Bicycle Count Peak Hour

PROJECT#:	16-4275-005
N/S Street:	Coast Hwy 101
E/W Street:	Chesterfield Dr
DATE:	9/7/2016
CITY:	Encinitas

DAY: Wednesday

	Start:	End:
AM	7:00	9:00
NOON		
PM	16:00	18:00

AM	0	40	3
NOON	0	0	0
PM	0	18	1

NORTH LEG

AM	NOON	PM
0	0	0
0	0	0
0	0	0

WEST LEG

EAST LEG

AM	NOON	PM
5	0	8
0	0	0
9	0	3

SOUTH LEG

AM	0	33	3
NOON	0	0	0
PM	0	27	13

PREPARED BY NATIONAL DATA & SURVEYING SERVICES

PROJECT#: 16-4275-005
N/S Street: Coast Hwy 101
E/W Street: Chesterfield Dr
DATE: 9/7/2016 DAY: Wednesday
CITY: Encinitas

A M

PEDESTRIANS

TIME	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG	
	EB	WB	EB	WB	NB	SB	NB	SB
7:00 AM	10	6	0	0	0	0	9	3
7:15 AM	14	10	0	0	0	0	9	9
7:30 AM	3	11	0	0	0	0	6	5
7:45 AM	2	12	0	0	0	0	4	11
8:00 AM	11	7	0	0	0	0	8	8
8:15 AM	8	8	0	0	0	0	2	7
8:30 AM	14	11	0	0	0	0	13	12
8:45 AM	7	8	0	0	0	0	7	10
TOTALS	**69**	**73**	**0**	**0**	**0**	**0**	**58**	**65**

BIKES

TIME	NB			SB			EB			WB		
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR
7:00 AM	0	4	2	1	7	0	0	0	0	2	0	1
7:15 AM	0	13	0	0	9	0	0	0	0	5	0	1
7:30 AM	0	10	0	1	6	0	0	0	0	5	0	1
7:45 AM	0	9	0	1	7	0	0	0	0	2	0	0
8:00 AM	0	7	1	0	7	0	0	0	0	2	0	2
8:15 AM	0	6	0	1	11	0	0	0	0	3	0	1
8:30 AM	0	12	0	2	11	0	0	0	0	3	0	1
8:45 AM	0	8	2	0	11	0	0	0	0	1	0	1
TOTALS	**0**	**69**	**5**	**6**	**69**	**0**	**0**	**0**	**0**	**23**	**0**	**8**

P M

PEDESTRIANS

TIME	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG	
	EB	WB	EB	WB	NB	SB	NB	SB
4:00 PM	6	5	0	0	0	0	4	8
4:15 PM	13	10	0	0	0	0	8	9
4:30 PM	3	6	0	0	0	0	4	9
4:45 PM	14	12	0	0	0	0	13	10
5:00 PM	4	4	0	0	0	0	9	5
5:15 PM	7	9	0	0	0	0	6	15
5:30 PM	6	10	0	0	0	0	5	12
5:45 PM	6	12	0	0	0	0	14	14
TOTALS	**59**	**68**	**0**	**0**	**0**	**0**	**63**	**82**

BIKES

TIME	NB			SB			EB			WB		
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR
4:00 PM	0	1	5	0	2	0	0	0	0	0	0	0
4:15 PM	0	4	1	1	4	0	0	0	0	2	0	0
4:30 PM	0	2	1	0	4	0	0	0	0	1	0	0
4:45 PM	0	9	4	0	6	0	0	0	0	0	0	1
5:00 PM	0	4	4	0	6	0	0	0	0	1	0	3
5:15 PM	0	7	2	0	4	0	0	0	0	1	0	3
5:30 PM	0	7	3	1	2	0	0	0	0	1	0	1
5:45 PM	0	7	3	0	5	0	0	0	0	2	0	0
TOTALS	**0**	**41**	**23**	**2**	**33**	**0**	**0**	**0**	**0**	**8**	**0**	**8**

ITM Peak Hour Summary

Prepared by:

National Data & Surveying Services

San Elijo Ave and Santa Fe Dr , Encinitas

Date:	12/6/2016
Day:	Tuesday

Project #:	16-4362-001
City:	Encinitas

AM Peak Hour	800 AM
NOON Peak Hour	
PM Peak Hour	430 PM

Peak Hour Summary

Southbound Approach (San Elijo Ave)

Lanes	0	1	1		
AM	0	566	182	297	AM
NOON	0	0	0	0	NOON
PM	0	166	167	465	PM

Eastbound Approach (Santa Fe Dr)

	AM	NOON	PM
	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
Lanes	AM	NOON	PM

Westbound Approach

	AM	NOON	PM	Lanes
	169	0	167	0
	0	0	0	1
	192	0	90	0
	188	0	184	
	AM	NOON	PM	

CONTROL

3-Way Stop(NB/SB/WB)

Northbound Approach

AM	758	0	128	6	AM
NOON	0	0	0	0	NOON
PM	256	0	298	17	PM
		0	1	0	Lanes

Count Periods	Start	End
AM	7:00 AM	9:00 AM
NOON	NONE	NONE
PM	4:00 PM	6:00 PM

Total Ins & Outs

	North Leg		
	748	297	AM
	0	0	NOON
	333	465	PM

West Leg AM	NOON	PM		East Leg		
0	0	0		361	0	257
0	0	0		188	0	184
				AM	NOON	PM

	South Leg	
AM	758	134
NOON	0	0
PM	256	315

Total Volume Per Leg

	North Leg
	1045 AM
	0 NOON
	798 PM

West Leg AM	NOON	PM		East Leg		
0	0	0		549	0	441
				AM	NOON	PM

	South Leg
AM	892
NOON	0
PM	571

ITM Peak Hour Summary

Prepared by:

National Data & Surveying Services

San Elijo Ave and Birmingham Dr , Encinitas

Date: 12/6/2016

Day: Tuesday

Project #: 16-4362-002

City: Encinitas

AM Peak Hour	800 AM
NOON Peak Hour	
PM Peak Hour	415 PM

Peak Hour Summary

Southbound Approach (San Elijo Ave)

	Lanes 0	1	1		
AM	0	613	180	228	AM
NOON	0	0	0	0	NOON
PM	0	204	77	492	PM

Eastbound Approach (Birmingham Dr)

Lanes	AM	NOON	PM
	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

Westbound Approach

AM	NOON	PM	Lanes
45	0	103	1
0	0	0	0
178	0	162	1
314	0	321	

CONTROL: Signalized

Northbound Approach

AM	791	0	183	134	AM
NOON	0	0	0	0	NOON
PM	366	0	389	244	PM
		0	1	0	Lanes

Count Periods	Start	End
AM	7:00 AM	9:00 AM
NOON	NONE	NONE
PM	4:00 PM	6:00 PM

Total Ins & Outs

	North Leg		
	793	228	AM
	0	0	NOON
	281	492	PM

West Leg AM	NOON	PM		East Leg		
0	0	0		223	0	265
0	0	0		314	0	321
				AM	NOON	PM

	South Leg	
AM	791	317
NOON	0	0
PM	366	633

Total Volume Per Leg

	North Leg
AM	1021
NOON	0
PM	773

West Leg AM	NOON	PM		East Leg		
0	0	0		537	0	586
				AM	NOON	PM

	South Leg
AM	1108
NOON	0
PM	999

ITM Peak Hour Summary

Prepared by:

National Data & Surveying Services

San Elijo Ave and Chesterfield Dr , Encinitas

Date:	12/6/2016
Day:	Tuesday

Project #:	16-4362-003
City:	Encinitas

AM Peak Hour	800 AM
NOON Peak Hour	
PM Peak Hour	430 PM

Peak Hour Summary

Southbound Approach (San Elijo Ave)

	Left	Thru	Right		
Lanes	1	1	1		
AM	489	271	29	354	AM
NOON	0	0	0	0	NOON
PM	287	74	18	646	PM

Eastbound Approach (Chesterfield Dr)

	AM	NOON	PM
	752	0	423
1	248	0	519
0.5	64	0	113
0.5	144	0	109
Lanes	AM	NOON	PM

Westbound Approach

	AM	NOON	PM	Lanes
	24	0	24	0
	96	0	50	1
	22	0	13	0
	114	0	144	
	AM	NOON	PM	

CONTROL

Signalized

Northbound Approach

	Left	Thru	Right	
AM	437	167	82	21	AM
NOON	0	0	0	0	NOON
PM	196	86	103	13	PM
		1	1	0	Lanes

Count Periods	Start	End
AM	7:00 AM	9:00 AM
NOON	NONE	NONE
PM	4:00 PM	6:00 PM

Total Ins & Outs

	North Leg		
	789	354	AM
	0	0	NOON
	379	646	PM

West Leg AM	NOON	PM		East Leg AM	NOON	PM
752	0	423		142	0	87
456	0	741		114	0	144

	South Leg	
AM	437	270
NOON	0	0
PM	196	202

Total Volume Per Leg

	North Leg
AM	1143
NOON	0
PM	1025

West Leg AM	NOON	PM		East Leg AM	NOON	PM
1208	0	1164		256	0	231

	South Leg
AM	707
NOON	0
PM	398

Figure 1-4: Travel Time and Speed Data Summary

Appendix B

Existing Conditions Level of Service Worksheets

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	0	0	0	0	263	0	0	1091	0
Future Volume (vph)	0	0	0	0	0	0	0	263	0	0	1091	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width	12	12	12	12	12	12	12	12	12	12	15	12
Total Lost time (s)								5.3			5.3	
Lane Util. Factor								0.95			1.00	
Frpb, ped/bikes								1.00			1.00	
Flpb, ped/bikes								1.00			1.00	
Frt								1.00			1.00	
Flt Protected								1.00			1.00	
Satd. Flow (prot)								3539			2049	
Flt Permitted								1.00			1.00	
Satd. Flow (perm)								3539			2049	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.94	0.92	0.92	0.94	0.92
Adj. Flow (vph)	0	0	0	0	0	0	0	280	0	0	1161	0
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Lane Group Flow (vph)	0	0	0	0	0	0	0	280	0	0	1161	0
Confl. Peds. (#/hr)			45									
Turn Type								NA			NA	
Protected Phases								2			6	
Permitted Phases												
Actuated Green, G (s)								39.6			39.6	
Effective Green, g (s)								39.6			39.6	
Actuated g/C Ratio								0.74			0.74	
Clearance Time (s)								5.3			5.3	
Vehicle Extension (s)								4.0			4.0	
Lane Grp Cap (vph)								2619			1516	
v/s Ratio Prot								0.08			c0.57	
v/s Ratio Perm												
v/c Ratio								0.11			0.77	
Uniform Delay, d1								2.0			4.2	
Progression Factor								1.00			1.00	
Incremental Delay, d2								0.0			2.5	
Delay (s)								2.0			6.7	
Level of Service								A			A	
Approach Delay (s)		0.0			0.0			2.0			6.7	
Approach LOS		A			A			A			A	

Intersection Summary			
HCM 2000 Control Delay	5.8	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.69		
Actuated Cycle Length (s)	53.5	Sum of lost time (s)	9.3
Intersection Capacity Utilization	61.8%	ICU Level of Service	B
Analysis Period (min)	15		

c Critical Lane Group

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	22	16	15	240	1068	25
Future Vol, veh/h	22	16	15	240	1068	25
Conflicting Peds, #/hr	0	0	0	0	0	78
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	270	-	-	110
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	23	17	16	255	1136	27

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1501	1214	1214	0	-	0
Stage 1	1214	-	-	-	-	-
Stage 2	287	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	134	221	575	-	-	-
Stage 1	281	-	-	-	-	-
Stage 2	762	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	106	199	575	-	-	-
Mov Cap-2 Maneuver	203	-	-	-	-	-
Stage 1	253	-	-	-	-	-
Stage 2	667	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	27.4	0.7	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	575	-	201	-	-
HCM Lane V/C Ratio	0.028	-	0.201	-	-
HCM Control Delay (s)	11.4	-	27.4	-	-
HCM Lane LOS	B	-	D	-	-
HCM 95th %tile Q(veh)	0.1	-	0.7	-	-

Intersection	
Int Delay, s/veh	0.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	5	22	38	250	1078	11
Future Vol, veh/h	5	22	38	250	1078	11
Conflicting Peds, #/hr	0	0	0	0	0	89
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	140	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	5	23	40	266	1147	12

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1456	668	1248	0	-	0
Stage 1	1242	-	-	-	-	-
Stage 2	214	-	-	-	-	-
Critical Hdwy	6.84	6.94	4.14	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	2.22	-	-	-
Pot Cap-1 Maneuver	121	401	553	-	-	-
Stage 1	236	-	-	-	-	-
Stage 2	801	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	97	373	553	-	-	-
Mov Cap-2 Maneuver	181	-	-	-	-	-
Stage 1	219	-	-	-	-	-
Stage 2	691	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	17.7	1.6	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	553	-	312	-	-
HCM Lane V/C Ratio	0.073	-	0.092	-	-
HCM Control Delay (s)	12	-	17.7	-	-
HCM Lane LOS	B	-	C	-	-
HCM 95th %tile Q(veh)	0.2	-	0.3	-	-

Intersection	
Int Delay, s/veh	0.3

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	4	19	0	280	1099	14
Future Vol, veh/h	4	19	0	280	1099	14
Conflicting Peds, #/hr	0	0	0	0	0	67
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	-	190
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	4	20	0	298	1169	15

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1385	652	-	0	-	0
Stage 1	1236	-	-	-	-	-
Stage 2	149	-	-	-	-	-
Critical Hdwy	6.84	6.94	-	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	-	-	-	-
Pot Cap-1 Maneuver	134	411	0	-	-	-
Stage 1	237	-	0	-	-	-
Stage 2	863	-	0	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	117	385	-	-	-	-
Mov Cap-2 Maneuver	190	-	-	-	-	-
Stage 1	222	-	-	-	-	-
Stage 2	808	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	16.6	0	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	-	190	385	-	-
HCM Lane V/C Ratio	-	0.022	0.053	-	-
HCM Control Delay (s)	-	24.4	14.9	-	-
HCM Lane LOS	-	C	B	-	-
HCM 95th %tile Q(veh)	-	0.1	0.2	-	-

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	674	115	172	208	274	849
Future Volume (veh/h)	674	115	172	208	274	849
Number	1	16	8	18	7	4
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		0.92	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1937	1937	1863	1937	1863	1863
Adj Flow Rate, veh/h	695	0	177	214	282	875
Adj No. of Lanes	2	1	2	1	1	2
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1253	576	708	879	406	1677
Arrive On Green	0.35	0.00	0.20	0.20	0.23	0.47
Sat Flow, veh/h	3579	1647	3632	1513	1774	3632
Grp Volume(v), veh/h	695	0	177	214	282	875
Grp Sat Flow(s),veh/h/ln	1790	1647	1770	1513	1774	1770
Q Serve(g_s), s	15.7	0.0	4.2	7.4	14.6	17.3
Cycle Q Clear(g_c), s	15.7	0.0	4.2	7.4	14.6	17.3
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	1253	576	708	879	406	1677
V/C Ratio(X)	0.55	0.00	0.25	0.24	0.69	0.52
Avail Cap(c_a), veh/h	1253	576	761	902	550	2000
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.97	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.2	0.0	33.7	11.8	35.4	18.4
Incr Delay (d2), s/veh	1.7	0.0	0.4	0.3	2.3	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	8.0	0.0	2.1	5.6	7.4	8.5
LnGrp Delay(d),s/veh	27.9	0.0	34.1	12.1	37.7	18.7
LnGrp LOS	C		C	B	D	B
Approach Vol, veh/h	695		391			1157
Approach Delay, s/veh	27.9		22.0			23.3
Approach LOS	C		C			C

Timer	1	2	3	4	5	6	7	8
Assigned Phs				4		6	7	8
Phs Duration (G+Y+Rc), s				51.9		39.0	27.4	24.5
Change Period (Y+Rc), s				4.5		4.0	4.5	* 4.5
Max Green Setting (Gmax), s				56.5		35.0	31.0	* 22
Max Q Clear Time (g_c+I1), s				19.3		17.7	16.6	9.4
Green Ext Time (p_c), s				9.0		5.4	6.3	2.6

Intersection Summary	
HCM 2010 Ctrl Delay	24.5
HCM 2010 LOS	C

Notes

Intersection	
Intersection Delay, s/veh	35
Intersection LOS	D

Movement	WBU	WBL	WBR	NBU	NBT	NBR	SBU	SBL	SBT
Lane Configurations									
Traffic Vol, veh/h	0	192	169	0	128	6	0	182	566
Future Vol, veh/h	0	192	169	0	128	6	0	182	566
Peak Hour Factor	0.92	0.95	0.95	0.92	0.95	0.95	0.92	0.95	0.95
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	202	178	0	135	6	0	192	596
Number of Lanes	0	1	0	0	1	0	0	1	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	2	1	0
HCM Control Delay	18.6	11.4	47.2
HCM LOS	C	B	E

Lane	NBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	0%	53%	100%	0%
Vol Thru, %	96%	0%	0%	100%
Vol Right, %	4%	47%	0%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	134	361	182	566
LT Vol	0	192	182	0
Through Vol	128	0	0	566
RT Vol	6	169	0	0
Lane Flow Rate	141	380	192	596
Geometry Grp	5	2	7	7
Degree of Util (X)	0.247	0.628	0.345	0.99
Departure Headway (Hd)	6.292	5.946	6.491	5.984
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	568	608	554	608
Service Time	4.35	3.994	4.234	3.726
HCM Lane V/C Ratio	0.248	0.625	0.347	0.98
HCM Control Delay	11.4	18.6	12.6	58.3
HCM Lane LOS	B	C	B	F
HCM 95th-tile Q	1	4.4	1.5	14.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	178	45	183	134	180	613
Future Volume (veh/h)	178	45	183	134	180	613
Number	3	18	2	12	1	6
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1937	1900	1863	1863
Adj Flow Rate, veh/h	189	48	195	143	191	652
Adj No. of Lanes	1	1	1	0	1	1
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	233	208	615	451	235	1427
Arrive On Green	0.13	0.13	0.59	0.59	0.13	0.77
Sat Flow, veh/h	1774	1583	1040	763	1774	1863
Grp Volume(v), veh/h	189	48	0	338	191	652
Grp Sat Flow(s),veh/h/ln	1774	1583	0	1803	1774	1863
Q Serve(g_s), s	8.6	2.3	0.0	7.8	8.7	10.4
Cycle Q Clear(g_c), s	8.6	2.3	0.0	7.8	8.7	10.4
Prop In Lane	1.00	1.00		0.42	1.00	
Lane Grp Cap(c), veh/h	233	208	0	1066	235	1427
V/C Ratio(X)	0.81	0.23	0.00	0.32	0.81	0.46
Avail Cap(c_a), veh/h	599	535	0	1066	439	1427
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	35.0	32.3	0.0	8.5	34.9	3.5
Incr Delay (d2), s/veh	2.6	0.2	0.0	0.8	7.9	1.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.4	1.0	0.0	4.1	4.8	5.7
LnGrp Delay(d),s/veh	37.6	32.5	0.0	9.3	42.8	4.5
LnGrp LOS	D	C		A	D	A
Approach Vol, veh/h	237		338			843
Approach Delay, s/veh	36.6		9.3			13.2
Approach LOS	D		A			B

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2				6		8
Phs Duration (G+Y+Rc), s	14.5	53.5				68.0		14.9
Change Period (Y+Rc), s	3.5	4.5				4.5		4.0
Max Green Setting (Gmax), s	20.5	39.5				63.5		28.0
Max Q Clear Time (g_c+I1), s	10.7	9.8				12.4		10.6
Green Ext Time (p_c), s	0.4	9.1				10.3		0.3

Intersection Summary	
HCM 2010 Ctrl Delay	16.2
HCM 2010 LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	248	64	144	22	96	24	167	82	21	29	271	489
Future Volume (veh/h)	248	64	144	22	96	24	167	82	21	29	271	489
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1900	1900	1863	1900	1863	1937	1900	1863	1937	1937
Adj Flow Rate, veh/h	261	67	152	23	101	25	176	86	22	31	285	0
Adj No. of Lanes	1	1	0	0	1	0	1	1	0	1	1	1
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	678	194	440	29	125	31	399	600	154	541	781	664
Arrive On Green	0.38	0.38	0.38	0.10	0.10	0.10	0.40	0.40	0.40	0.40	0.40	0.00
Sat Flow, veh/h	1774	508	1152	277	1217	301	1090	1489	381	1280	1937	1647
Grp Volume(v), veh/h	261	0	219	149	0	0	176	0	108	31	285	0
Grp Sat Flow(s),veh/h/ln	1774	0	1659	1796	0	0	1090	0	1870	1280	1937	1647
Q Serve(g_s), s	10.7	0.0	9.4	8.1	0.0	0.0	13.5	0.0	3.7	1.6	10.3	0.0
Cycle Q Clear(g_c), s	10.7	0.0	9.4	8.1	0.0	0.0	23.8	0.0	3.7	5.2	10.3	0.0
Prop In Lane	1.00		0.69	0.15		0.17	1.00		0.20	1.00		1.00
Lane Grp Cap(c), veh/h	678	0	634	185	0	0	399	0	754	541	781	664
V/C Ratio(X)	0.39	0.00	0.35	0.81	0.00	0.00	0.44	0.00	0.14	0.06	0.37	0.00
Avail Cap(c_a), veh/h	678	0	634	368	0	0	399	0	754	541	781	664
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.99	0.00	0.99	1.00	0.00	0.00	1.00	0.00	1.00	0.84	0.84	0.00
Uniform Delay (d), s/veh	22.4	0.0	22.0	43.9	0.0	0.0	29.2	0.0	18.9	20.6	20.9	0.0
Incr Delay (d2), s/veh	1.6	0.0	1.5	3.1	0.0	0.0	3.5	0.0	0.4	0.0	0.1	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.5	0.0	4.6	4.2	0.0	0.0	4.4	0.0	2.0	0.6	5.5	0.0
LnGrp Delay(d),s/veh	24.0	0.0	23.5	47.0	0.0	0.0	32.7	0.0	19.3	20.6	21.0	0.0
LnGrp LOS	C		C	D			C		B	C	C	
Approach Vol, veh/h		480			149			284			316	
Approach Delay, s/veh		23.8			47.0			27.6			20.9	
Approach LOS		C			D			C			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs		2		4		6		8
Phs Duration (G+Y+Rc), s		42.2		44.0		13.8		44.0
Change Period (Y+Rc), s		4.0		3.7		3.5		3.7
Max Green Setting (Gmax), s		28.0		40.3		20.5		40.3
Max Q Clear Time (g_c+I1), s		12.7		12.3		10.1		25.8
Green Ext Time (p_c), s		3.8		1.9		0.4		1.7

Intersection Summary	
HCM 2010 Ctrl Delay	26.8
HCM 2010 LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	0	0	0	0	738	0	0	463	0
Future Volume (vph)	0	0	0	0	0	0	0	738	0	0	463	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width	12	12	12	12	12	12	12	12	12	12	15	12
Total Lost time (s)								5.3			5.3	
Lane Util. Factor								0.95			1.00	
Frpb, ped/bikes								1.00			1.00	
Flpb, ped/bikes								1.00			1.00	
Frt								1.00			1.00	
Flt Protected								1.00			1.00	
Satd. Flow (prot)								3539			2049	
Flt Permitted								1.00			1.00	
Satd. Flow (perm)								3539			2049	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.98	0.92	0.92	0.98	0.92
Adj. Flow (vph)	0	0	0	0	0	0	0	753	0	0	472	0
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Lane Group Flow (vph)	0	0	0	0	0	0	0	753	0	0	472	0
Confl. Peds. (#/hr)			78									
Turn Type								NA			NA	
Protected Phases								2			6	
Permitted Phases												
Actuated Green, G (s)								15.0			15.0	
Effective Green, g (s)								15.0			15.0	
Actuated g/C Ratio								0.57			0.57	
Clearance Time (s)								5.3			5.3	
Vehicle Extension (s)								4.0			4.0	
Lane Grp Cap (vph)								2026			1173	
v/s Ratio Prot								0.21			c0.23	
v/s Ratio Perm												
v/c Ratio								0.37			0.40	
Uniform Delay, d1								3.0			3.1	
Progression Factor								1.00			1.00	
Incremental Delay, d2								0.2			0.3	
Delay (s)								3.2			3.4	
Level of Service								A			A	
Approach Delay (s)		0.0			0.0			3.2			3.4	
Approach LOS		A			A			A			A	

Intersection Summary			
HCM 2000 Control Delay	3.3	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.36		
Actuated Cycle Length (s)	26.2	Sum of lost time (s)	9.3
Intersection Capacity Utilization	28.8%	ICU Level of Service	A
Analysis Period (min)	15		

c Critical Lane Group

Intersection	
Int Delay, s/veh	0.8

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	23	20	30	712	433	23
Future Vol, veh/h	23	20	30	712	433	23
Conflicting Peds, #/hr	0	0	0	0	0	88
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	270	-	-	110
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	97	97	97	97	97	97
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	24	21	31	734	446	24

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1330	534	534	0	-	0
Stage 1	534	-	-	-	-	-
Stage 2	796	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	171	546	1034	-	-	-
Stage 1	588	-	-	-	-	-
Stage 2	444	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	131	485	1034	-	-	-
Mov Cap-2 Maneuver	259	-	-	-	-	-
Stage 1	522	-	-	-	-	-
Stage 2	383	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	17.6	0.3	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1034	-	331	-	-
HCM Lane V/C Ratio	0.03	-	0.134	-	-
HCM Control Delay (s)	8.6	-	17.6	-	-
HCM Lane LOS	A	-	C	-	-
HCM 95th %tile Q(veh)	0.1	-	0.5	-	-

Intersection	
Int Delay, s/veh	0.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	8	22	54	748	447	12
Future Vol, veh/h	8	22	54	748	447	12
Conflicting Peds, #/hr	0	0	0	0	0	85
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	140	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	9	23	57	796	476	13

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1080	329	573	0	-	0
Stage 1	567	-	-	-	-	-
Stage 2	513	-	-	-	-	-
Critical Hdwy	6.84	6.94	4.14	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	2.22	-	-	-
Pot Cap-1 Maneuver	213	667	996	-	-	-
Stage 1	531	-	-	-	-	-
Stage 2	566	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	175	622	996	-	-	-
Mov Cap-2 Maneuver	306	-	-	-	-	-
Stage 1	495	-	-	-	-	-
Stage 2	498	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	12.9	0.6	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	996	-	488	-	-
HCM Lane V/C Ratio	0.058	-	0.065	-	-
HCM Control Delay (s)	8.8	-	12.9	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0.2	-	0.2	-	-

Intersection	
Int Delay, s/veh	0.2

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	10	10	0	789	468	40
Future Vol, veh/h	10	10	0	789	468	40
Conflicting Peds, #/hr	0	0	0	0	0	62
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	-	190
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	11	11	0	839	498	43

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	980	311	-	0	-	0
Stage 1	560	-	-	-	-	-
Stage 2	420	-	-	-	-	-
Critical Hdwy	6.84	6.94	-	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	-	-	-	-
Pot Cap-1 Maneuver	247	685	0	-	-	-
Stage 1	535	-	0	-	-	-
Stage 2	631	-	0	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	219	645	-	-	-	-
Mov Cap-2 Maneuver	347	-	-	-	-	-
Stage 1	503	-	-	-	-	-
Stage 2	594	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	13.2	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	-	347	645	-	-
HCM Lane V/C Ratio	-	0.031	0.016	-	-
HCM Control Delay (s)	-	15.7	10.7	-	-
HCM Lane LOS	-	C	B	-	-
HCM 95th %tile Q(veh)	-	0.1	0.1	-	-

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	323	139	649	590	178	292
Future Volume (veh/h)	323	139	649	590	178	292
Number	1	16	8	18	7	4
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		0.95	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1937	1937	1863	1937	1863	1863
Adj Flow Rate, veh/h	347	0	698	634	191	314
Adj No. of Lanes	2	1	2	1	1	2
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1145	527	1145	1033	227	1739
Arrive On Green	0.32	0.00	0.32	0.32	0.13	0.49
Sat Flow, veh/h	3579	1647	3632	1563	1774	3632
Grp Volume(v), veh/h	347	0	698	634	191	314
Grp Sat Flow(s),veh/h/ln	1790	1647	1770	1563	1774	1770
Q Serve(g_s), s	7.3	0.0	16.6	24.3	10.5	5.0
Cycle Q Clear(g_c), s	7.3	0.0	16.6	24.3	10.5	5.0
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	1145	527	1145	1033	227	1739
V/C Ratio(X)	0.30	0.00	0.61	0.61	0.84	0.18
Avail Cap(c_a), veh/h	1145	527	1186	1050	390	2106
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.99	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	25.6	0.0	28.5	10.7	42.6	14.2
Incr Delay (d2), s/veh	0.7	0.0	1.4	1.6	8.2	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.7	0.0	8.4	17.9	5.7	2.4
LnGrp Delay(d),s/veh	26.3	0.0	29.9	12.3	50.8	14.3
LnGrp LOS	C		C	B	D	B
Approach Vol, veh/h	347		1332			505
Approach Delay, s/veh	26.3		21.5			28.1
Approach LOS	C		C			C

Timer	1	2	3	4	5	6	7	8
Assigned Phs				4		6	7	8
Phs Duration (G+Y+Rc), s				53.6		36.0	16.8	36.8
Change Period (Y+Rc), s				4.5		4.0	4.0	4.5
Max Green Setting (Gmax), s				59.5		32.0	22.0	33.5
Max Q Clear Time (g_c+I1), s				7.0		9.3	12.5	26.3
Green Ext Time (p_c), s				26.5		2.8	0.3	6.0

Intersection Summary	
HCM 2010 Ctrl Delay	23.8
HCM 2010 LOS	C

Notes

Intersection	
Intersection Delay, s/veh	12.6
Intersection LOS	B

Movement	WBU	WBL	WBR	NBU	NBT	NBR	SBU	SBL	SBT
Lane Configurations									
Traffic Vol, veh/h	0	90	167	0	298	17	0	167	166
Future Vol, veh/h	0	90	167	0	298	17	0	167	166
Peak Hour Factor	0.92	0.91	0.91	0.92	0.91	0.91	0.92	0.91	0.91
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	99	184	0	327	19	0	184	182
Number of Lanes	0	1	0	0	1	0	0	1	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	2	1	0
HCM Control Delay	12.4	13.9	11.5
HCM LOS	B	B	B

Lane	NBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	0%	35%	100%	0%
Vol Thru, %	95%	0%	0%	100%
Vol Right, %	5%	65%	0%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	315	257	167	166
LT Vol	0	90	167	0
Through Vol	298	0	0	166
RT Vol	17	167	0	0
Lane Flow Rate	346	282	184	182
Geometry Grp	5	2	7	7
Degree of Util (X)	0.513	0.423	0.32	0.293
Departure Headway (Hd)	5.339	5.398	6.285	5.779
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	675	667	573	622
Service Time	3.367	3.432	4.015	3.508
HCM Lane V/C Ratio	0.513	0.423	0.321	0.293
HCM Control Delay	13.9	12.4	12	10.9
HCM Lane LOS	B	B	B	B
HCM 95th-tile Q	2.9	2.1	1.4	1.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	162	103	389	244	77	204
Future Volume (veh/h)	162	103	389	244	77	204
Number	3	18	2	12	1	6
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1937	1900	1863	1863
Adj Flow Rate, veh/h	172	110	414	260	82	217
Adj No. of Lanes	1	1	1	0	1	1
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	219	195	746	469	108	1440
Arrive On Green	0.12	0.12	0.67	0.67	0.06	0.77
Sat Flow, veh/h	1774	1583	1114	700	1774	1863
Grp Volume(v), veh/h	172	110	0	674	82	217
Grp Sat Flow(s),veh/h/ln	1774	1583	0	1814	1774	1863
Q Serve(g_s), s	7.7	5.4	0.0	16.0	3.7	2.5
Cycle Q Clear(g_c), s	7.7	5.4	0.0	16.0	3.7	2.5
Prop In Lane	1.00	1.00		0.39	1.00	
Lane Grp Cap(c), veh/h	219	195	0	1215	108	1440
V/C Ratio(X)	0.79	0.56	0.00	0.55	0.76	0.15
Avail Cap(c_a), veh/h	605	540	0	1215	443	1440
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	35.0	33.9	0.0	7.1	38.0	2.4
Incr Delay (d2), s/veh	2.4	1.0	0.0	1.8	12.3	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.9	2.4	0.0	8.5	2.2	1.4
LnGrp Delay(d),s/veh	37.3	34.9	0.0	9.0	50.2	2.6
LnGrp LOS	D	C		A	D	A
Approach Vol, veh/h	282		674			299
Approach Delay, s/veh	36.4		9.0			15.7
Approach LOS	D		A			B

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2				6		8
Phs Duration (G+Y+Rc), s	8.5	59.5				68.0		14.1
Change Period (Y+Rc), s	3.5	4.5				4.5		4.0
Max Green Setting (Gmax), s	20.5	39.5				63.5		28.0
Max Q Clear Time (g_c+I1), s	5.7	18.0				4.5		9.7
Green Ext Time (p_c), s	0.2	5.8				6.8		0.4

Intersection Summary	
HCM 2010 Ctrl Delay	16.7
HCM 2010 LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	519	113	109	13	50	24	86	103	13	18	74	287
Future Volume (veh/h)	519	113	109	13	50	24	86	103	13	18	74	287
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1900	1900	1863	1900	1863	1863	1900	1863	1937	1937
Adj Flow Rate, veh/h	546	119	115	14	53	25	91	108	14	19	78	0
Adj No. of Lanes	1	1	0	0	1	0	1	1	0	1	1	1
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	762	374	362	21	78	37	489	505	65	449	605	514
Arrive On Green	0.43	0.43	0.43	0.08	0.08	0.08	0.31	0.31	0.31	0.31	0.31	0.00
Sat Flow, veh/h	1774	872	842	269	1017	480	1316	1616	210	1264	1937	1647
Grp Volume(v), veh/h	546	0	234	92	0	0	91	0	122	19	78	0
Grp Sat Flow(s),veh/h/ln	1774	0	1714	1765	0	0	1316	0	1826	1264	1937	1647
Q Serve(g_s), s	15.7	0.0	5.6	3.1	0.0	0.0	3.3	0.0	3.0	0.7	1.8	0.0
Cycle Q Clear(g_c), s	15.7	0.0	5.6	3.1	0.0	0.0	5.1	0.0	3.0	3.7	1.8	0.0
Prop In Lane	1.00		0.49	0.15		0.27	1.00		0.11	1.00		1.00
Lane Grp Cap(c), veh/h	762	0	736	136	0	0	489	0	570	449	605	514
V/C Ratio(X)	0.72	0.00	0.32	0.68	0.00	0.00	0.19	0.00	0.21	0.04	0.13	0.00
Avail Cap(c_a), veh/h	1550	0	1498	443	0	0	489	0	570	449	605	514
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	14.5	0.0	11.7	27.8	0.0	0.0	17.0	0.0	15.7	17.0	15.2	0.0
Incr Delay (d2), s/veh	2.7	0.0	0.5	2.2	0.0	0.0	0.8	0.0	0.9	0.0	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	8.2	0.0	2.7	1.6	0.0	0.0	1.3	0.0	1.7	0.2	1.0	0.0
LnGrp Delay(d),s/veh	17.2	0.0	12.2	30.0	0.0	0.0	17.9	0.0	16.5	17.1	15.3	0.0
LnGrp LOS	B		B	C			B		B	B	B	
Approach Vol, veh/h		780			92			213			97	
Approach Delay, s/veh		15.7			30.0			17.1			15.6	
Approach LOS		B			C			B			B	

Timer	1	2	3	4	5	6	7	8
Assigned Phs		2		4		6		8
Phs Duration (G+Y+Rc), s		30.5		23.0		8.3		23.0
Change Period (Y+Rc), s		4.0		3.7		3.5		3.7
Max Green Setting (Gmax), s		54.0		19.3		15.5		19.3
Max Q Clear Time (g_c+I1), s		17.7		5.7		5.1		7.1
Green Ext Time (p_c), s		8.9		0.7		0.2		0.7

Intersection Summary	
HCM 2010 Ctrl Delay	17.1
HCM 2010 LOS	B

Appendix C

Existing Plus Project Conditions Level of Service Worksheets

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	0	0	0	0	263	0	0	1091	0
Future Volume (vph)	0	0	0	0	0	0	0	263	0	0	1091	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width	12	12	12	12	12	12	12	12	12	12	15	12
Total Lost time (s)								5.3			5.3	
Lane Util. Factor								1.00			1.00	
Frpb, ped/bikes								1.00			1.00	
Flpb, ped/bikes								1.00			1.00	
Frt								1.00			1.00	
Flt Protected								1.00			1.00	
Satd. Flow (prot)								1863			2049	
Flt Permitted								1.00			1.00	
Satd. Flow (perm)								1863			2049	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.94	0.92	0.92	0.94	0.92
Adj. Flow (vph)	0	0	0	0	0	0	0	280	0	0	1161	0
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Lane Group Flow (vph)	0	0	0	0	0	0	0	280	0	0	1161	0
Confl. Peds. (#/hr)			45									
Turn Type								NA			NA	
Protected Phases								2			6	
Permitted Phases												
Actuated Green, G (s)								39.6			39.6	
Effective Green, g (s)								39.6			39.6	
Actuated g/C Ratio								0.74			0.74	
Clearance Time (s)								5.3			5.3	
Vehicle Extension (s)								4.0			4.0	
Lane Grp Cap (vph)								1378			1516	
v/s Ratio Prot								0.15			c0.57	
v/s Ratio Perm												
v/c Ratio								0.20			0.77	
Uniform Delay, d1								2.1			4.2	
Progression Factor								1.00			1.00	
Incremental Delay, d2								0.1			2.5	
Delay (s)								2.2			6.7	
Level of Service								A			A	
Approach Delay (s)		0.0			0.0			2.2			6.7	
Approach LOS		A			A			A			A	

Intersection Summary			
HCM 2000 Control Delay	5.8	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.69		
Actuated Cycle Length (s)	53.5	Sum of lost time (s)	9.3
Intersection Capacity Utilization	61.8%	ICU Level of Service	B
Analysis Period (min)	15		

c Critical Lane Group

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	22	16	15	240	1068	25
Future Vol, veh/h	22	16	15	240	1068	25
Conflicting Peds, #/hr	0	0	0	0	0	78
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	270	-	-	110
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	23	17	16	255	1136	27

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1501	1214	1214	0	-	0
Stage 1	1214	-	-	-	-	-
Stage 2	287	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	134	221	575	-	-	-
Stage 1	281	-	-	-	-	-
Stage 2	762	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	106	199	575	-	-	-
Mov Cap-2 Maneuver	203	-	-	-	-	-
Stage 1	253	-	-	-	-	-
Stage 2	667	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	27.4	0.7	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	575	-	201	-	-
HCM Lane V/C Ratio	0.028	-	0.201	-	-
HCM Control Delay (s)	11.4	-	27.4	-	-
HCM Lane LOS	B	-	D	-	-
HCM 95th %tile Q(veh)	0.1	-	0.7	-	-

Intersection	
Int Delay, s/veh	0.8

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	5	22	38	250	1078	11
Future Vol, veh/h	5	22	38	250	1078	11
Conflicting Peds, #/hr	0	0	0	0	0	89
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	140	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	5	23	40	266	1147	12

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1589	1242	1248	0	-	0
Stage 1	1242	-	-	-	-	-
Stage 2	347	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	119	213	558	-	-	-
Stage 1	272	-	-	-	-	-
Stage 2	716	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	95	198	558	-	-	-
Mov Cap-2 Maneuver	197	-	-	-	-	-
Stage 1	253	-	-	-	-	-
Stage 2	618	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	26.2	1.6	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	558	-	198	-	-
HCM Lane V/C Ratio	0.072	-	0.145	-	-
HCM Control Delay (s)	12	-	26.2	-	-
HCM Lane LOS	B	-	D	-	-
HCM 95th %tile Q(veh)	0.2	-	0.5	-	-

Intersection	
Int Delay, s/veh	0.4

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	4	19	0	280	1099	14
Future Vol, veh/h	4	19	0	280	1099	14
Conflicting Peds, #/hr	0	0	0	0	0	67
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	-	190
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	4	20	0	298	1169	15

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1534	1236	-	0	-	0
Stage 1	1236	-	-	-	-	-
Stage 2	298	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	-	-
Pot Cap-1 Maneuver	128	215	0	-	-	-
Stage 1	274	-	0	-	-	-
Stage 2	753	-	0	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	112	201	-	-	-	-
Mov Cap-2 Maneuver	209	-	-	-	-	-
Stage 1	257	-	-	-	-	-
Stage 2	705	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	24.5	0	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	-	209	201	-	-
HCM Lane V/C Ratio	-	0.02	0.101	-	-
HCM Control Delay (s)	-	22.6	24.9	-	-
HCM Lane LOS	-	C	C	-	-
HCM 95th %tile Q(veh)	-	0.1	0.3	-	-

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	674	115	172	208	274	849
Future Volume (veh/h)	674	115	172	208	274	849
Number	1	16	8	18	7	4
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		0.92	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1863	1863	1863	1863
Adj Flow Rate, veh/h	695	119	177	214	282	875
Adj No. of Lanes	2	1	2	1	1	2
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1205	554	708	845	321	1491
Arrive On Green	0.35	0.35	0.20	0.20	0.18	0.42
Sat Flow, veh/h	3442	1583	3632	1455	1774	3632
Grp Volume(v), veh/h	695	119	177	214	282	875
Grp Sat Flow(s),veh/h/ln	1721	1583	1770	1455	1774	1770
Q Serve(g_s), s	16.4	5.3	4.2	7.8	15.5	19.0
Cycle Q Clear(g_c), s	16.4	5.3	4.2	7.8	15.5	19.0
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	1205	554	708	845	321	1491
V/C Ratio(X)	0.58	0.21	0.25	0.25	0.88	0.59
Avail Cap(c_a), veh/h	1205	554	761	867	550	2000
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.97	0.97	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.5	22.8	33.7	11.9	39.9	22.3
Incr Delay (d2), s/veh	2.0	0.9	0.4	0.3	8.2	0.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	8.1	5.6	2.1	5.6	8.3	9.3
LnGrp Delay(d),s/veh	28.4	23.7	34.1	12.2	48.1	22.7
LnGrp LOS	C	C	C	B	D	C
Approach Vol, veh/h	814		391			1157
Approach Delay, s/veh	27.7		22.1			28.9
Approach LOS	C		C			C

Timer	1	2	3	4	5	6	7	8
Assigned Phs				4		6	7	8
Phs Duration (G+Y+Rc), s				46.6		39.0	22.1	24.5
Change Period (Y+Rc), s				4.5		4.0	4.0	4.5
Max Green Setting (Gmax), s				56.5		35.0	31.0	21.5
Max Q Clear Time (g_c+I1), s				21.0		18.4	17.5	9.8
Green Ext Time (p_c), s				13.3		6.1	0.7	7.1

Intersection Summary	
HCM 2010 Ctrl Delay	27.4
HCM 2010 LOS	C

Notes

Intersection	
Intersection Delay, s/veh	35
Intersection LOS	D

Movement	WBU	WBL	WBR	NBU	NBT	NBR	SBU	SBL	SBT
Lane Configurations									
Traffic Vol, veh/h	0	192	169	0	128	6	0	182	566
Future Vol, veh/h	0	192	169	0	128	6	0	182	566
Peak Hour Factor	0.92	0.95	0.95	0.92	0.95	0.95	0.92	0.95	0.95
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	202	178	0	135	6	0	192	596
Number of Lanes	0	1	0	0	1	0	0	1	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	2	1	0
HCM Control Delay	18.6	11.4	47.2
HCM LOS	C	B	E

Lane	NBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	0%	53%	100%	0%
Vol Thru, %	96%	0%	0%	100%
Vol Right, %	4%	47%	0%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	134	361	182	566
LT Vol	0	192	182	0
Through Vol	128	0	0	566
RT Vol	6	169	0	0
Lane Flow Rate	141	380	192	596
Geometry Grp	5	2	7	7
Degree of Util (X)	0.247	0.628	0.345	0.99
Departure Headway (Hd)	6.292	5.946	6.491	5.984
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	568	608	554	608
Service Time	4.35	3.994	4.234	3.726
HCM Lane V/C Ratio	0.248	0.625	0.347	0.98
HCM Control Delay	11.4	18.6	12.6	58.3
HCM Lane LOS	B	C	B	F
HCM 95th-tile Q	1	4.4	1.5	14.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	178	45	183	134	180	613
Future Volume (veh/h)	178	45	183	134	180	613
Number	3	18	2	12	1	6
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1937	1900	1863	1863
Adj Flow Rate, veh/h	189	48	195	143	191	652
Adj No. of Lanes	1	1	1	0	1	1
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	231	206	619	454	237	1434
Arrive On Green	0.13	0.13	0.60	0.60	0.13	0.77
Sat Flow, veh/h	1774	1583	1040	763	1774	1863
Grp Volume(v), veh/h	189	48	0	338	191	652
Grp Sat Flow(s),veh/h/ln	1774	1583	0	1803	1774	1863
Q Serve(g_s), s	8.8	2.3	0.0	7.9	8.9	10.6
Cycle Q Clear(g_c), s	8.8	2.3	0.0	7.9	8.9	10.6
Prop In Lane	1.00	1.00		0.42	1.00	
Lane Grp Cap(c), veh/h	231	206	0	1073	237	1434
V/C Ratio(X)	0.82	0.23	0.00	0.31	0.81	0.45
Avail Cap(c_a), veh/h	542	484	0	1073	552	1434
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	36.0	33.2	0.0	8.6	35.8	3.5
Incr Delay (d2), s/veh	2.7	0.2	0.0	0.8	7.7	1.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.5	1.0	0.0	4.2	4.9	5.7
LnGrp Delay(d),s/veh	38.7	33.4	0.0	9.3	43.5	4.5
LnGrp LOS	D	C		A	D	A
Approach Vol, veh/h	237		338			843
Approach Delay, s/veh	37.6		9.3			13.3
Approach LOS	D		A			B

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2				6		8
Phs Duration (G+Y+Rc), s	14.8	55.2				70.0		15.1
Change Period (Y+Rc), s	3.5	4.5				4.5		4.0
Max Green Setting (Gmax), s	26.5	35.5				65.5		26.0
Max Q Clear Time (g_c+I1), s	10.9	9.9				12.6		10.8
Green Ext Time (p_c), s	0.6	8.6				10.3		0.3

Intersection Summary	
HCM 2010 Ctrl Delay	16.4
HCM 2010 LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	248	64	144	22	96	24	167	82	21	29	271	489
Future Volume (veh/h)	248	64	144	22	96	24	167	82	21	29	271	489
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1900	1900	1863	1900	1863	1863	1900	1863	1937	1937
Adj Flow Rate, veh/h	261	67	152	23	101	25	176	86	22	31	285	0
Adj No. of Lanes	1	1	0	0	1	0	1	1	0	1	1	1
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	386	110	250	30	132	33	577	747	191	727	1011	859
Arrive On Green	0.22	0.22	0.22	0.11	0.11	0.11	0.52	0.52	0.52	0.52	0.52	0.00
Sat Flow, veh/h	1774	508	1152	277	1217	301	1090	1432	366	1280	1937	1647
Grp Volume(v), veh/h	261	0	219	149	0	0	176	0	108	31	285	0
Grp Sat Flow(s),veh/h/ln	1774	0	1659	1796	0	0	1090	0	1798	1280	1937	1647
Q Serve(g_s), s	9.9	0.0	8.7	5.9	0.0	0.0	7.9	0.0	2.2	0.9	6.1	0.0
Cycle Q Clear(g_c), s	9.9	0.0	8.7	5.9	0.0	0.0	14.0	0.0	2.2	3.2	6.1	0.0
Prop In Lane	1.00		0.69	0.15		0.17	1.00		0.20	1.00		1.00
Lane Grp Cap(c), veh/h	386	0	361	194	0	0	577	0	938	727	1011	859
V/C Ratio(X)	0.68	0.00	0.61	0.77	0.00	0.00	0.31	0.00	0.12	0.04	0.28	0.00
Avail Cap(c_a), veh/h	701	0	656	526	0	0	577	0	938	727	1011	859
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	26.4	0.0	25.9	31.8	0.0	0.0	13.8	0.0	8.9	9.7	9.8	0.0
Incr Delay (d2), s/veh	4.4	0.0	3.5	2.4	0.0	0.0	1.4	0.0	0.2	0.0	0.1	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.3	0.0	4.4	3.1	0.0	0.0	2.6	0.0	1.2	0.3	3.3	0.0
LnGrp Delay(d),s/veh	30.7	0.0	29.4	34.2	0.0	0.0	15.1	0.0	9.2	9.7	9.9	0.0
LnGrp LOS	C		C	C			B		A	A	A	
Approach Vol, veh/h		480			149			284			316	
Approach Delay, s/veh		30.1			34.2			12.9			9.9	
Approach LOS		C			C			B			A	

Timer	1	2	3	4	5	6	7	8
Assigned Phs		2		4		6		8
Phs Duration (G+Y+Rc), s		20.0		42.0		11.4		42.0
Change Period (Y+Rc), s		4.0		3.7		3.5		3.7
Max Green Setting (Gmax), s		29.0		38.3		21.5		38.3
Max Q Clear Time (g_c+I1), s		11.9		8.1		7.9		16.0
Green Ext Time (p_c), s		4.1		1.9		0.4		1.9

Intersection Summary	
HCM 2010 Ctrl Delay	21.4
HCM 2010 LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	0	0	0	0	738	0	0	463	0
Future Volume (vph)	0	0	0	0	0	0	0	738	0	0	463	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width	12	12	12	12	12	12	12	12	12	12	15	12
Total Lost time (s)								5.3			5.3	
Lane Util. Factor								0.95			1.00	
Frpb, ped/bikes								1.00			1.00	
Flpb, ped/bikes								1.00			1.00	
Frt								1.00			1.00	
Flt Protected								1.00			1.00	
Satd. Flow (prot)								3539			2049	
Flt Permitted								1.00			1.00	
Satd. Flow (perm)								3539			2049	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.98	0.92	0.92	0.98	0.92
Adj. Flow (vph)	0	0	0	0	0	0	0	753	0	0	472	0
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Lane Group Flow (vph)	0	0	0	0	0	0	0	753	0	0	472	0
Confl. Peds. (#/hr)			78									
Turn Type								NA			NA	
Protected Phases								2			6	
Permitted Phases												
Actuated Green, G (s)								15.0			15.0	
Effective Green, g (s)								15.0			15.0	
Actuated g/C Ratio								0.57			0.57	
Clearance Time (s)								5.3			5.3	
Vehicle Extension (s)								4.0			4.0	
Lane Grp Cap (vph)								2026			1173	
v/s Ratio Prot								0.21			c0.23	
v/s Ratio Perm												
v/c Ratio								0.37			0.40	
Uniform Delay, d1								3.0			3.1	
Progression Factor								1.00			1.00	
Incremental Delay, d2								0.2			0.3	
Delay (s)								3.2			3.4	
Level of Service								A			A	
Approach Delay (s)		0.0			0.0			3.2			3.4	
Approach LOS		A			A			A			A	

Intersection Summary			
HCM 2000 Control Delay	3.3	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.36		
Actuated Cycle Length (s)	26.2	Sum of lost time (s)	9.3
Intersection Capacity Utilization	28.8%	ICU Level of Service	A
Analysis Period (min)	15		

c Critical Lane Group

Intersection	
Int Delay, s/veh	0.8

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	23	20	30	712	433	23
Future Vol, veh/h	23	20	30	712	433	23
Conflicting Peds, #/hr	0	0	0	0	0	88
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	270	-	-	110
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	97	97	97	97	97	97
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	24	21	31	734	446	24

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1330	534	534	0	-	0
Stage 1	534	-	-	-	-	-
Stage 2	796	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	171	546	1034	-	-	-
Stage 1	588	-	-	-	-	-
Stage 2	444	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	131	485	1034	-	-	-
Mov Cap-2 Maneuver	259	-	-	-	-	-
Stage 1	522	-	-	-	-	-
Stage 2	383	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	17.6	0.3	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1034	-	331	-	-
HCM Lane V/C Ratio	0.03	-	0.134	-	-
HCM Control Delay (s)	8.6	-	17.6	-	-
HCM Lane LOS	A	-	C	-	-
HCM 95th %tile Q(veh)	0.1	-	0.5	-	-

Intersection	
Int Delay, s/veh	0.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	8	22	54	748	447	12
Future Vol, veh/h	8	22	54	748	447	12
Conflicting Peds, #/hr	0	0	0	0	0	85
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	140	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	9	23	57	796	476	13

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1478	567	573	0	-	0
Stage 1	567	-	-	-	-	-
Stage 2	911	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	139	523	1000	-	-	-
Stage 1	568	-	-	-	-	-
Stage 2	392	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	114	488	1000	-	-	-
Mov Cap-2 Maneuver	240	-	-	-	-	-
Stage 1	530	-	-	-	-	-
Stage 2	345	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	15.3	0.6	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1000	-	383	-	-
HCM Lane V/C Ratio	0.057	-	0.083	-	-
HCM Control Delay (s)	8.8	-	15.3	-	-
HCM Lane LOS	A	-	C	-	-
HCM 95th %tile Q(veh)	0.2	-	0.3	-	-

Intersection	
Int Delay, s/veh	0.2

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	10	10	0	789	468	40
Future Vol, veh/h	10	10	0	789	468	40
Conflicting Peds, #/hr	0	0	0	0	0	62
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	-	190
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	11	11	0	839	498	43

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1399	560	-	0	-	0
Stage 1	560	-	-	-	-	-
Stage 2	839	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	-	-
Pot Cap-1 Maneuver	155	528	0	-	-	-
Stage 1	572	-	0	-	-	-
Stage 2	424	-	0	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	137	497	-	-	-	-
Mov Cap-2 Maneuver	270	-	-	-	-	-
Stage 1	538	-	-	-	-	-
Stage 2	399	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	15.7	0	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	-	270	497	-	-
HCM Lane V/C Ratio	-	0.039	0.021	-	-
HCM Control Delay (s)	-	18.9	12.4	-	-
HCM Lane LOS	-	C	B	-	-
HCM 95th %tile Q(veh)	-	0.1	0.1	-	-

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	323	139	649	590	178	292
Future Volume (veh/h)	323	139	649	590	178	292
Number	1	16	8	18	7	4
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		0.95	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1863	1863	1863	1863
Adj Flow Rate, veh/h	347	149	698	634	191	314
Adj No. of Lanes	2	1	2	1	1	2
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1101	507	1156	998	227	1750
Arrive On Green	0.32	0.32	0.33	0.33	0.13	0.49
Sat Flow, veh/h	3442	1583	3632	1503	1774	3632
Grp Volume(v), veh/h	347	149	698	634	191	314
Grp Sat Flow(s),veh/h/ln	1721	1583	1770	1503	1774	1770
Q Serve(g_s), s	7.6	7.1	16.5	25.8	10.5	4.9
Cycle Q Clear(g_c), s	7.6	7.1	16.5	25.8	10.5	4.9
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	1101	507	1156	998	227	1750
V/C Ratio(X)	0.32	0.29	0.60	0.64	0.84	0.18
Avail Cap(c_a), veh/h	1101	507	1186	1010	390	2106
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.99	0.99	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	25.7	25.5	28.2	10.8	42.6	14.0
Incr Delay (d2), s/veh	0.7	1.5	1.3	1.9	8.2	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.7	7.1	8.3	18.0	5.7	2.4
LnGrp Delay(d),s/veh	26.5	27.0	29.6	12.7	50.8	14.1
LnGrp LOS	C	C	C	B	D	B
Approach Vol, veh/h	496		1332			505
Approach Delay, s/veh	26.6		21.5			28.0
Approach LOS	C		C			C

Timer	1	2	3	4	5	6	7	8
Assigned Phs				4		6	7	8
Phs Duration (G+Y+Rc), s				54.0		36.0	16.8	37.2
Change Period (Y+Rc), s				4.5		4.0	4.0	4.5
Max Green Setting (Gmax), s				59.5		32.0	22.0	33.5
Max Q Clear Time (g_c+I1), s				6.9		9.6	12.5	27.8
Green Ext Time (p_c), s				26.5		4.0	0.3	4.9

Intersection Summary	
HCM 2010 Ctrl Delay	24.0
HCM 2010 LOS	C

Notes

Intersection	
Intersection Delay, s/veh	12.5
Intersection LOS	B

Movement	WBU	WBL	WBR	NBU	NBT	NBR	SBU	SBL	SBT
Lane Configurations									
Traffic Vol, veh/h	0	90	167	0	298	17	0	167	166
Future Vol, veh/h	0	90	167	0	298	17	0	167	166
Peak Hour Factor	0.92	0.91	0.92	0.92	0.91	0.92	0.92	0.91	0.91
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	99	182	0	327	18	0	184	182
Number of Lanes	0	1	0	0	1	0	0	1	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	2	1	0
HCM Control Delay	12.3	13.8	11.4
HCM LOS	B	B	B

Lane	NBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	0%	35%	100%	0%
Vol Thru, %	95%	0%	0%	100%
Vol Right, %	5%	65%	0%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	315	257	167	166
LT Vol	0	90	167	0
Through Vol	298	0	0	166
RT Vol	17	167	0	0
Lane Flow Rate	346	280	184	182
Geometry Grp	5	2	7	7
Degree of Util (X)	0.512	0.42	0.32	0.292
Departure Headway (Hd)	5.332	5.395	6.277	5.771
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	678	667	574	624
Service Time	3.359	3.43	4.007	3.5
HCM Lane V/C Ratio	0.51	0.42	0.321	0.292
HCM Control Delay	13.8	12.3	11.9	10.9
HCM Lane LOS	B	B	B	B
HCM 95th-tile Q	2.9	2.1	1.4	1.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	162	103	389	244	77	204
Future Volume (veh/h)	162	103	389	244	77	204
Number	3	18	2	12	1	6
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1937	1900	1863	1863
Adj Flow Rate, veh/h	172	110	414	265	82	217
Adj No. of Lanes	1	1	1	0	1	1
Peak Hour Factor	0.94	0.94	0.94	0.92	0.94	0.94
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	214	191	758	485	106	1462
Arrive On Green	0.12	0.12	0.69	0.69	0.06	0.78
Sat Flow, veh/h	1774	1583	1105	707	1774	1863
Grp Volume(v), veh/h	172	110	0	679	82	217
Grp Sat Flow(s),veh/h/ln	1774	1583	0	1812	1774	1863
Q Serve(g_s), s	8.5	5.9	0.0	16.9	4.1	2.5
Cycle Q Clear(g_c), s	8.5	5.9	0.0	16.9	4.1	2.5
Prop In Lane	1.00	1.00		0.39	1.00	
Lane Grp Cap(c), veh/h	214	191	0	1243	106	1462
V/C Ratio(X)	0.81	0.58	0.00	0.55	0.77	0.15
Avail Cap(c_a), veh/h	415	370	0	1243	247	1462
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	38.5	37.3	0.0	7.1	41.6	2.4
Incr Delay (d2), s/veh	2.7	1.0	0.0	1.7	13.1	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.3	2.6	0.0	8.9	2.4	1.4
LnGrp Delay(d),s/veh	41.2	38.4	0.0	8.8	54.7	2.6
LnGrp LOS	D	D		A	D	A
Approach Vol, veh/h	282		679			299
Approach Delay, s/veh	40.1		8.8			16.9
Approach LOS	D		A			B

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2				6		8
Phs Duration (G+Y+Rc), s	8.9	66.1				75.0		14.8
Change Period (Y+Rc), s	3.5	4.5				4.5		4.0
Max Green Setting (Gmax), s	12.5	54.5				70.5		21.0
Max Q Clear Time (g_c+I1), s	6.1	18.9				4.5		10.5
Green Ext Time (p_c), s	0.1	6.6				6.9		0.3

Intersection Summary	
HCM 2010 Ctrl Delay	17.7
HCM 2010 LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	519	113	109	13	50	24	86	103	13	18	74	287
Future Volume (veh/h)	519	113	109	13	50	24	86	103	13	18	74	287
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1900	1900	1863	1900	1863	1863	1900	1863	1937	1937
Adj Flow Rate, veh/h	546	119	117	14	53	26	91	108	14	19	78	0
Adj No. of Lanes	1	1	0	0	1	0	1	1	0	1	1	1
Peak Hour Factor	0.95	0.95	0.93	0.93	0.95	0.93	0.95	0.95	0.93	0.95	0.95	0.95
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	1073	522	513	18	69	34	312	347	45	273	417	354
Arrive On Green	0.60	0.60	0.60	0.07	0.07	0.07	0.22	0.22	0.22	0.22	0.22	0.00
Sat Flow, veh/h	1774	864	849	265	1004	493	1316	1616	210	1264	1937	1647
Grp Volume(v), veh/h	546	0	236	93	0	0	91	0	122	19	78	0
Grp Sat Flow(s),veh/h/ln	1774	0	1713	1763	0	0	1316	0	1826	1264	1937	1647
Q Serve(g_s), s	17.6	0.0	6.3	5.2	0.0	0.0	6.1	0.0	5.6	1.3	3.3	0.0
Cycle Q Clear(g_c), s	17.6	0.0	6.3	5.2	0.0	0.0	9.4	0.0	5.6	6.9	3.3	0.0
Prop In Lane	1.00		0.50	0.15		0.28	1.00		0.11	1.00		1.00
Lane Grp Cap(c), veh/h	1073	0	1036	120	0	0	312	0	393	273	417	354
V/C Ratio(X)	0.51	0.00	0.23	0.77	0.00	0.00	0.29	0.00	0.31	0.07	0.19	0.00
Avail Cap(c_a), veh/h	1073	0	1036	337	0	0	312	0	393	273	417	354
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.97	0.00	0.97	1.00	0.00	0.00	1.00	0.00	1.00	0.93	0.93	0.00
Uniform Delay (d), s/veh	11.3	0.0	9.1	45.8	0.0	0.0	35.9	0.0	33.0	35.9	32.1	0.0
Incr Delay (d2), s/veh	1.7	0.0	0.5	3.9	0.0	0.0	2.4	0.0	2.1	0.0	0.1	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	9.0	0.0	3.1	2.7	0.0	0.0	2.4	0.0	3.1	0.5	1.8	0.0
LnGrp Delay(d),s/veh	13.0	0.0	9.6	49.7	0.0	0.0	38.3	0.0	35.1	36.0	32.2	0.0
LnGrp LOS	B		A	D			D		D	D	C	
Approach Vol, veh/h		782			93			213			97	
Approach Delay, s/veh		11.9			49.7			36.5			32.9	
Approach LOS		B			D			D			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs		2		4		6		8
Phs Duration (G+Y+Rc), s		64.5		25.2		10.3		25.2
Change Period (Y+Rc), s		4.0		3.7		3.5		3.7
Max Green Setting (Gmax), s		48.2		21.5		19.1		21.5
Max Q Clear Time (g_c+I1), s		19.6		8.9		7.2		11.4
Green Ext Time (p_c), s		8.3		0.7		0.2		0.6

Intersection Summary	
HCM 2010 Ctrl Delay	21.0
HCM 2010 LOS	C

Appendix D

Horizon Year 2035 Model Runs & Post-Processing Worksheets

SANDAG
Series 12
Ver3

2035rc11alt1

Speed 45mph

Daily Volume Plot

Functional Classifications

- Freeway
- Prime
- Major
- Collector
- Light Collector
- Rural Collector
- Local
- Freeway Ramp
- Local Ramp
- Zone Connector

Traffic Analysis Zones

sacov polygon

Unadjusted ADT (x1000)

Adjusted ADT(x1000)

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N

0 0.1 0.2 0.3
Miles

SANDAG

servicebureau

Date: September 19 2016

SANDAG
Series 12
Ver3

2035rc11alt2

Speed 35mph

Daily Volume Plot

Functional Classifications

- Freeway
- Prime
- Major
- Collector
- Light Collector
- Rural Collector
- Local
- Freeway Ramp
- Local Ramp
- Zone Connector

Traffic Analysis Zones

sacov polygon

\# Unadjusted ADT (x1000)

\# Adjusted ADT(x1000)

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0 0.1 0.2 0.3
Miles

SANDAG

servicebureau

Date: September 19 2016

Horizon Year 2035 Post-Processing Worksheets
Without Project / With Project Alternative 1

AM **#1** N/S Street: Coast Hwy 101 E/W Street: Swami's Ped Signal AM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Swami's Ped Signal**		**%**				**Northbound**		**N of**	Swami's Ped Signal						
	Left	**0**	NB	263	19%	NB	313	**0**	Left	**313**	NB	313	0		**0**	**313**	0	31
15,222	Thru	**263**	SB	1091	81%	SB	1297	**313**	Thru	**1297**	SB	1297	289		**313**	**1297**	0	130
12010	Right	**0**	Sum	**1354**		**Enter**	**18100**	**0**	Right		Sum	**1610**	0		**0**			
	Southbound	**S. of**	**Swami's Ped Signal**						**Southbound**		**S of**	Swami's Ped Signal						
	Left	**0**	NB	263	19%	NB	313	**0**	Left	**313**	NB	313	0		**0**	**313**	0	31
15,222	Thru	**1091**	SB	1091	81%	SB	1297	**1297**	Thru	**1297**	SB	1297	1200		**1297**	**1297**	0	130
12010	Right	**0**	Sum	**1354**		**Enter**	**18100**	**0**	Right		Sum	**1610**	0		**0**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**0**	EB	0	0%	EB	0	**0**	Left	**0**	EB	0	0		**0**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
0	Right	**0**	Sum	**0**		**Enter**	**0**	**0**	Right		Sum	**0**	0		**0**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**0**	EB	0	0%	EB	0	**0**	Left	**0**	EB	0	0		**0**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
0	Right	**0**	Sum	**0**		**Enter**	**0**	**0**	Right		Sum	**0**	0		**0**			
																		0

PM N/S Street: Coast Hwy 101 E/W Street: Swami's Ped Signal PM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Swami's Ped Signal**		**%**				**Northbound**		**N of**	Swami's Ped Signal						
	Left	**0**	NB	738	61%	NB	878	**0**	Left	**878**	NB	878	0		**0**	**878**	0	88
15,222	Thru	**738**	SB	463	39%	SB	551	**878**	Thru	**551**	SB	551	812		**878**	**551**	0	55
	Right	**0**	Sum	**1201**		**Enter**	**18100**	**0**	Right		Sum	**1428**	0		**0**			
	Southbound	**S. of**	**Swami's Ped Signal**						**Southbound**		**S of**	Swami's Ped Signal						
	Left	**0**	NB	738	61%	NB	878	**0**	Left	**878**	NB	878	0		**0**	**878**	0	88
15,222	Thru	**463**	SB	463	39%	SB	551	**551**	Thru	**551**	SB	551	509		**551**	**551**	0	55
	Right	**0**	Sum	**1201**		**Enter**	**18100**	**0**	Right		Sum	**1428**	0		**0**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**0**	EB	0	0%	EB	0	**0**	Left	**0**	EB	0	0		**0**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
	Right	**0**	Sum	**0**		**Enter**	**0**	**0**	Right		Sum	**0**	0		**0**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**0**	EB	0	0%	EB	0	**0**	Left	**0**	EB	0	0		**0**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
	Right	**0**	Sum	**0**		**Enter**	**0**	**0**	Right		Sum	**0**	0		**0**			
																		0

AM **#2** N/S Street: Coast Hwy 101 E/W Street: Swami's Parking Lot AM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Swami's Parking Lot**		**%**				**Northbound**		**N of**	Swami's Parking Lot						
	Left	**15**	NB	262	19%	NB	312	**18**	Left	**309**	NB	309	17		**18**	**309**	-3	31
15,222	Thru	**240**	SB	1093	81%	SB	1300	**284**	Thru	**1300**	SB	1300	264		**284**	**1300**	0	130
15222	Right	**0**	Sum	**1355**		**Enter**	**18100**	**0**	Right		Sum	**1608**	0		**0**			
	Southbound	**S. of**	**Swami's Parking Lot**						**Southbound**		**S of**	Swami's Parking Lot						
	Left	**0**	NB	255	19%	NB	302	**0**	Left	**302**	NB	302	0		**0**	**302**	0	30
15,271	Thru	**1068**	SB	1084	81%	SB	1285	**1270**	Thru	**1288**	SB	1288	1175		**1270**	**1288**	3	129
15273	Right	**25**	Sum	**1339**		**Enter**	**18100**	**30**	Right		Sum	**1590**	28		**30**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**22**	EB	0	0%	EB	0	**24**	Left	**0**	EB	0	24		**24**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
0	Right	**16**	Sum	**0**		**Enter**	**0**	**18**	Right		Sum	**0**	18		**18**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**0**	EB	38	49%	EB	42	**0**	Left	**42**	EB	42	0		**0**	**42**	0	4
1,226	Thru	**0**	WB	40	51%	WB	44	**0**	Thru	**48**	WB	48	0		**0**	**48**	4	5
1226	Right	**0**	Sum	**78**		**Enter**	**1349**	**0**	Right		Sum	**89**	0		**0**			
																	3.351456	

PM N/S Street: Coast Hwy 101 E/W Street: Swami's Parking Lot PM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Swami's Parking Lot**		**%**				**Northbound**		**N of**	Swami's Parking Lot						
	Left	**30**	NB	735	62%	NB	874	**36**	Left	**869**	NB	869	33		**36**	**869**	-5	87
15,222	Thru	**712**	SB	457	38%	SB	543	**844**	Thru	**543**	SB	543	783		**844**	**543**	0	54
	Right	**0**	Sum	**1192**		**Enter**	**18100**	**0**	Right		Sum	**1413**	0		**0**			
	Southbound	**S. of**	**Swami's Parking Lot**						**Southbound**		**S of**	Swami's Parking Lot						
	Left	**0**	NB	742	62%	NB	879	**0**	Left	**879**	NB	879	0		**0**	**879**	0	88
15,271	Thru	**434**	SB	454	38%	SB	538	**516**	Thru	**538**	SB	538	477		**516**	**538**	0	54
	Right	**23**	Sum	**1196**		**Enter**	**18100**	**27**	Right		Sum	**1418**	25		**27**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**23**	EB	0	0%	EB	0	**25**	Left	**0**	EB	0	25		**25**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
	Right	**20**	Sum	**0**		**Enter**	**0**	**22**	Right		Sum	**0**	22		**22**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**0**	EB	43	45%	EB	47	**0**	Left	**47**	EB	47	0		**0**	**47**	0	5
1,226	Thru	**0**	WB	53	55%	WB	58	**0**	Thru	**63**	WB	63	0		**0**	**63**	5	6
	Right	**0**	Sum	**96**		**Enter**	**1349**	**0**	Right		Sum	**110**	0		**0**			
																	-0.21161	

AM **#3** N/S Street: Coast Hwy 101 E/W Street: Campground North Parking Lot AM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Campground North F**		**%**				**Northbound**		**N of**	Campground North Parking Lot						
	Left	**38**	NB	255	19%	NB	302	**45**	Left	**301**	NB	301	42		**45**	**301**	-1	30
15,271	Thru	**250**	SB	1089	81%	SB	1291	**296**	Thru	**1291**	SB	1291	275		**296**	**1291**	0	129
15273	Right	**0**	Sum	**1344**		**Enter**	**18100**	**0**	Right		Sum	**1592**	0		**0**			
	Southbound	**S. of**	**Campground North Parking Lot**						**Southbound**		**S of**	Campground North Parking Lot						
	Left	**0**	NB	288	21%	NB	341	**0**	Left	**341**	NB	341	0		**0**	**341**	0	34
15,474	Thru	**1078**	SB	1100	79%	SB	1301	**1278**	Thru	**1302**	SB	1302	1186		**1278**	**1302**	0	130
15468	Right	**11**	Sum	**1388**		**Enter**	**18308**	**13**	Right		Sum	**1643**	12		**13**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**5**	EB	0	0%	EB	0	**6**	Left	**0**	EB	0	6		**6**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
0	Right	**22**	Sum	**0**		**Enter**	**0**	**24**	Right		Sum	**0**	24		**24**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**0**	EB	27	36%	EB	30	**0**	Left	**30**	EB	30	0		**0**	**30**	0	3
1,181	Thru	**0**	WB	49	64%	WB	54	**0**	Thru	**58**	WB	58	0		**0**	**58**	4	6
1181	Right	**0**	Sum	**76**		**Enter**	**1299**	**0**	Right		Sum	**88**	0		**0**			
																	3.586592	

PM N/S Street: Coast Hwy 101 E/W Street: Campground North Parking Lot PM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Campground North F**		**%**				**Northbound**		**N of**	Campground North Parking Lot						
	Left	**54**	NB	756	62%	NB	896	**64**	Left	**894**	NB	894	59		**64**	**894**	-2	89
15,271	Thru	**748**	SB	459	38%	SB	544	**885**	Thru	**544**	SB	544	823		**885**	**544**	0	54
	Right	**0**	Sum	**1215**		**Enter**	**18100**	**0**	Right		Sum	**1438**	0		**0**			
	Southbound	**S. of**	**Campground North Parking Lot**						**Southbound**		**S of**	Campground North Parking Lot						
	Left	**0**	NB	802	63%	NB	949	**0**	Left	**949**	NB	949	0		**0**	**949**	0	95
15,474	Thru	**447**	SB	469	37%	SB	555	**530**	Thru	**554**	SB	554	492		**530**	**554**	-1	55
	Right	**12**	Sum	**1271**		**Enter**	**18308**	**14**	Right		Sum	**1503**	13		**14**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**8**	EB	0	0%	EB	0	**9**	Left	**0**	EB	0	9		**9**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
	Right	**22**	Sum	**0**		**Enter**	**0**	**24**	Right		Sum	**0**	24		**24**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**0**	EB	30	31%	EB	33	**0**	Left	**33**	EB	33	0		**0**	**33**	0	3
1,181	Thru	**0**	WB	66	69%	WB	73	**0**	Thru	**78**	WB	78	0		**0**	**78**	6	8
	Right	**0**	Sum	**96**		**Enter**	**1299**	**0**	Right		Sum	**111**	0		**0**			
																	2.367423	

AM **#4** N/S Street: Coast Hwy 101 E/W Street: Campground Main Entrance AM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Campground Main E**		**%**				**Northbound**		**N of**	Campground Main Entrance						
	Left	**0**	NB	284	20%	NB	336	**0**	Left	**336**	NB	336	0		**0**	**336**	0	34
15,474	Thru	**280**	SB	1113	80%	SB	1317	**331**	Thru	**1317**	SB	1317	308		**331**	**1317**	0	132
15474	Right	**0**	Sum	**1397**		**Enter**	**18308**	**0**	Right		Sum	**1653**	0		**0**			
	Southbound	**S. of**	**Campground Main Entrance**						**Southbound**		**S of**	Campground Main Entrance						
	Left	**0**	NB	280	20%	NB	331	**0**	Left	**331**	NB	331	0		**0**	**331**	0	33
15,002	Thru	**1099**	SB	1118	80%	SB	1323	**1300**	Thru	**1321**	SB	1321	1209		**1300**	**1321**	-2	132
15000	Right	**14**	Sum	**1398**		**Enter**	**17750**	**17**	Right		Sum	**1652**	15		**17**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**4**	EB	0	0%	EB	0	**4**	Left	**0**	EB	0	4		**4**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
0	Right	**19**	Sum	**0**		**Enter**	**0**	**21**	Right		Sum	**0**	21		**21**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**0**	EB	23	62%	EB	25	**0**	Left	**25**	EB	25	0		**0**	**25**	0	3
600	Thru	**0**	WB	14	38%	WB	15	**0**	Thru	**17**	WB	17	0		**0**	**17**	1	2
600	Right	**0**	Sum	**37**		**Enter**	**660**	**0**	Right		Sum	**42**	0		**0**			
																	-0.74858	

PM N/S Street: Coast Hwy 101 E/W Street: Campground Main Entrance PM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Campground Main E**		**%**				**Northbound**		**N of**	Campground Main Entrance						
	Left	**0**	NB	800	61%	NB	947	**0**	Left	**946**	NB	946	0		**0**	**946**	-1	95
15,474	Thru	**790**	SB	508	39%	SB	601	**935**	Thru	**601**	SB	601	869		**935**	**601**	0	60
	Right	**0**	Sum	**1308**		**Enter**	**18308**	**0**	Right		Sum	**1547**	0		**0**			
	Southbound	**S. of**	**Campground Main Entrance**						**Southbound**		**S of**	Campground Main Entrance						
	Left	**0**	NB	790	62%	NB	935	**0**	Left	**935**	NB	935	0		**0**	**935**	0	93
15,002	Thru	**468**	SB	478	38%	SB	566	**554**	Thru	**565**	SB	565	515		**554**	**565**	-1	56
	Right	**40**	Sum	**1268**		**Enter**	**17750**	**47**	Right		Sum	**1499**	44		**47**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**10**	EB	0	0%	EB	0	**11**	Left	**0**	EB	0	11		**11**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
	Right	**10**	Sum	**0**		**Enter**	**0**	**11**	Right		Sum	**0**	11		**11**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**0**	EB	20	33%	EB	22	**0**	Left	**22**	EB	22	0		**0**	**22**	0	2
600	Thru	**0**	WB	40	67%	WB	44	**0**	Thru	**47**	WB	47	0		**0**	**47**	3	5
	Right	**0**	Sum	**60**		**Enter**	**660**	**0**	Right		Sum	**69**	0		**0**			
																	1.663512	

AM **#5** N/S Street: Coast Hwy 101 E/W Street: Chesterfield Drive AM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Chesterfield Drive**		**%**				**Northbound**		**N of**	Chesterfield Drive						
	Left	**0**	NB	287	20%	NB	340	**0**	Left	**334**	NB	334	0		**0**	**334**	-6	33
15,002	Thru	**172**	SB	1123	80%	SB	1329	**204**	Thru	**1329**	SB	1329	189		**204**	**1329**	0	133
15008	Right	**208**	Sum	**1410**		**Enter**	**17750**	**246**	Right		Sum	**1662**	229		**246**			
	Southbound	**S. of**	**Chesterfield Drive**						**Southbound**		**S of**	Chesterfield Drive						
	Left	**274**	NB	380	20%	NB	450	**324**	Left	**450**	NB	450	301		**324**	**450**	0	45
22,118	Thru	**849**	SB	1523	80%	SB	1802	**1005**	Thru	**1767**	SB	1767	934		**1005**	**1767**	-35	177
22118	Right	**0**	Sum	**1903**		**Enter**	**26170**	**0**	Right		Sum	**2217**	0		**0**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**0**	EB	482	38%	EB	545	**0**	Left	**570**	EB	570	0		**0**	**570**	25	57
14,674	Thru	**0**	WB	789	62%	WB	893	**0**	Thru	**893**	WB	893	0		**0**	**893**	0	89
14674	Right	**0**	Sum	**1271**		**Enter**	**16600**	**0**	Right		Sum	**1463**	0		**0**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**674**	EB	0	0%	EB	0	**762**	Left	**0**	EB	0	741		**762**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
0	Right	**115**	Sum	**0**		**Enter**	**0**	**130**	Right		Sum	**0**	127		**130**			
																	-15.938	

PM N/S Street: Coast Hwy 101 E/W Street: Chesterfield Drive PM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Chesterfield Drive**		**%**				**Northbound**		**N of**	Chesterfield Drive						
	Left	**0**	NB	788	63%	NB	932	**0**	Left	**925**	NB	925	0		**0**	**925**	-7	93
15,002	Thru	**649**	SB	470	37%	SB	556	**768**	Thru	**556**	SB	556	714		**768**	**556**	0	56
	Right	**590**	Sum	**1258**		**Enter**	**17750**	**698**	Right		Sum	**1481**	649		**698**			
	Southbound	**S. of**	**Chesterfield Drive**						**Southbound**		**S of**	Chesterfield Drive						
	Left	**178**	NB	1239	67%	NB	1466	**211**	Left	**1466**	NB	1466	196		**211**	**1466**	0	147
22,118	Thru	**292**	SB	615	33%	SB	728	**345**	Thru	**711**	SB	711	321		**345**	**711**	-17	71
	Right	**0**	Sum	**1854**		**Enter**	**26170**	**0**	Right		Sum	**2177**	0		**0**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**0**	EB	768	62%	EB	869	**0**	Left	**909**	EB	909	0		**0**	**909**	40	91
14,674	Thru	**0**	WB	462	38%	WB	523	**0**	Thru	**523**	WB	523	0		**0**	**523**	0	52
	Right	**0**	Sum	**1230**		**Enter**	**16600**	**0**	Right		Sum	**1431**	0		**0**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**323**	EB	0	0%	EB	0	**365**	Left	**0**	EB	0	355		**365**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
	Right	**139**	Sum	**0**		**Enter**	**0**	**157**	Right		Sum	**0**	153		**157**			
																	15.88609	

Horizon Year 2035 Post-Processing Worksheets
With Project Alternative 2

AM **#1** N/S Street: Coast Hwy 101 E/W Street: Swami's Ped Signal AM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Swami's Ped Signal**		**%**				**Northbound**		**N of**	Swami's Ped Signal						
	Left	**0**	NB	263	19%	NB	257	**0**	Left	**257**	NB	257	0		**0**	**257**	0	26
15,222	Thru	**263**	SB	1091	81%	SB	1068	**257**	Thru	**1068**	SB	1068	289		**257**	**1068**	0	107
12010	Right	**0**	Sum	**1354**		**Enter**	**14900**	**0**	Right		Sum	**1325**	0		**0**			
	Southbound	**S. of**	**Swami's Ped Signal**						**Southbound**		**S of**	Swami's Ped Signal						
	Left	**0**	NB	263	19%	NB	257	**0**	Left	**257**	NB	257	0		**0**	**257**	0	26
15,222	Thru	**1091**	SB	1091	81%	SB	1068	**1068**	Thru	**1068**	SB	1068	1200		**1068**	**1068**	0	107
12010	Right	**0**	Sum	**1354**		**Enter**	**14900**	**0**	Right		Sum	**1325**	0		**0**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**0**	EB	0	0%	EB	0	**0**	Left	**0**	EB	0	0		**0**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
0	Right	**0**	Sum	**0**		**Enter**	**0**	**0**	Right		Sum	**0**	0		**0**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**0**	EB	0	0%	EB	0	**0**	Left	**0**	EB	0	0		**0**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
0	Right	**0**	Sum	**0**		**Enter**	**0**	**0**	Right		Sum	**0**	0		**0**			
																		0

PM N/S Street: Coast Hwy 101 E/W Street: Swami's Ped Signal PM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Swami's Ped Signal**		**%**				**Northbound**		**N of**	Swami's Ped Signal						
	Left	**0**	NB	738	61%	NB	722	**0**	Left	**722**	NB	722	0		**0**	**722**	0	72
15,222	Thru	**738**	SB	463	39%	SB	453	**722**	Thru	**453**	SB	453	812		**722**	**453**	0	45
	Right	**0**	Sum	**1201**		**Enter**	**14900**	**0**	Right		Sum	**1176**	0		**0**			
	Southbound	**S. of**	**Swami's Ped Signal**						**Southbound**		**S of**	Swami's Ped Signal						
	Left	**0**	NB	738	61%	NB	722	**0**	Left	**722**	NB	722	0		**0**	**722**	0	72
15,222	Thru	**463**	SB	463	39%	SB	453	**453**	Thru	**453**	SB	453	509		**453**	**453**	0	45
	Right	**0**	Sum	**1201**		**Enter**	**14900**	**0**	Right		Sum	**1176**	0		**0**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**0**	EB	0	0%	EB	0	**0**	Left	**0**	EB	0	0		**0**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
	Right	**0**	Sum	**0**		**Enter**	**0**	**0**	Right		Sum	**0**	0		**0**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**0**	EB	0	0%	EB	0	**0**	Left	**0**	EB	0	0		**0**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
	Right	**0**	Sum	**0**		**Enter**	**0**	**0**	Right		Sum	**0**	0		**0**			
																		0

AM **#2** N/S Street: Coast Hwy 101 E/W Street: Swami's Parking Lot AM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Swami's Parking Lot**		**%**				**Northbound**		**N of**	Swami's Parking Lot						
	Left	**15**	NB	262	19%	NB	256	**15**	Left	**258**	NB	258	17	**+2**	**17**	**258**	2	26
15,222	Thru	**240**	SB	1093	81%	SB	1070	**234**	Thru	**1070**	SB	1070	264		**234**	**1074**	4	107
15222	Right	**0**	Sum	**1355**		**Enter**	**14900**	**0**	Right		Sum	**1328**	0		**0**			
	Southbound	**S. of**	**Swami's Parking Lot**						**Southbound**		**S of**	Swami's Parking Lot						
	Left	**0**	NB	255	19%	NB	249	**0**	Left	**249**	NB	249	0		**0**	**251**	2	25
15,271	Thru	**1068**	SB	1084	81%	SB	1058	**1045**	Thru	**1063**	SB	1063	1175		**1045**	**1063**	5	106
15273	Right	**25**	Sum	**1339**		**Enter**	**14900**	**24**	Right		Sum	**1312**	28	**+4**	**28**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**22**	EB	0	0%	EB	0	**24**	Left	**0**	EB	0	24		**24**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
0	Right	**16**	Sum	**0**		**Enter**	**0**	**18**	Right		Sum	**0**	18		**18**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**0**	EB	38	49%	EB	42	**0**	Left	**42**	EB	42	0		**0**	**42**	0	4
1,226	Thru	**0**	WB	40	51%	WB	44	**0**	Thru	**39**	WB	39	0		**0**	**45**	1	5
1226	Right	**0**	Sum	**78**		**Enter**	**1349**	**0**	Right		Sum	**81**	0		**0**			

14.36998

PM N/S Street: Coast Hwy 101 E/W Street: Swami's Parking Lot PM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Swami's Parking Lot**		**%**				**Northbound**		**N of**	Swami's Parking Lot						
	Left	**30**	NB	735	62%	NB	719	**29**	Left	**720**	NB	720	33	**+4**	**33**	**720**	1	72
15,222	Thru	**712**	SB	457	38%	SB	447	**695**	Thru	**447**	SB	447	783		**695**	**449**	2	45
	Right	**0**	Sum	**1192**		**Enter**	**14900**	**0**	Right		Sum	**1167**	0		**0**			
	Southbound	**S. of**	**Swami's Parking Lot**						**Southbound**		**S of**	Swami's Parking Lot						
	Left	**0**	NB	742	62%	NB	724	**0**	Left	**724**	NB	724	0		**0**	**728**	4	73
15,271	Thru	**434**	SB	454	38%	SB	443	**425**	Thru	**447**	SB	447	477		**425**	**447**	4	45
	Right	**23**	Sum	**1196**		**Enter**	**14900**	**23**	Right		Sum	**1171**	25	**+2**	**25**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**23**	EB	0	0%	EB	0	**25**	Left	**0**	EB	0	25		**25**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
	Right	**20**	Sum	**0**		**Enter**	**0**	**22**	Right		Sum	**0**	22		**22**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**0**	EB	43	45%	EB	47	**0**	Left	**47**	EB	47	0		**0**	**47**	0	5
1,226	Thru	**0**	WB	53	55%	WB	58	**0**	Thru	**52**	WB	52	0		**0**	**58**	-1	6
	Right	**0**	Sum	**96**		**Enter**	**1349**	**0**	Right		Sum	**99**	0		**0**			

9.881047

AM **#3** N/S Street: Coast Hwy 101 E/W Street: Campground North Parking Lot AM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Campground North F**		**%**				**Northbound**		**N of**	Campground North Parking Lot						
	Left	**38**	NB	255	19%	NB	249	**37**	Left	**249**	NB	249	42	**+5**	**42**	**249**	0	25
15,271	Thru	**250**	SB	1089	81%	SB	1063	**243**	Thru	**1063**	SB	1063	275		**243**	**1064**	1	106
15273	Right	**0**	Sum	**1344**		**Enter**	**14900**	**0**	Right		Sum	**1311**	0		**0**			
	Southbound	**S. of**	**Campground North Parking Lot**						**Southbound**		**S of**	Campground North Parking Lot						
	Left	**0**	NB	288	21%	NB	280	**0**	Left	**280**	NB	280	0		**0**	**285**	5	29
15,474	Thru	**1078**	SB	1100	79%	SB	1070	**1052**	Thru	**1076**	SB	1076	1186		**1052**	**1076**	6	108
15468	Right	**11**	Sum	**1388**		**Enter**	**15059**	**11**	Right		Sum	**1356**	12	**+1**	**12**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**5**	EB	0	0%	EB	0	**6**	Left	**0**	EB	0	6		**6**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
0	Right	**22**	Sum	**0**		**Enter**	**0**	**24**	Right		Sum	**0**	24		**24**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**0**	EB	27	36%	EB	30	**0**	Left	**30**	EB	30	0		**0**	**30**	0	3
1,181	Thru	**0**	WB	49	64%	WB	54	**0**	Thru	**48**	WB	48	0		**0**	**54**	0	5
1181	Right	**0**	Sum	**76**		**Enter**	**1299**	**0**	Right		Sum	**77**	0		**0**			
																	11.31563	

PM N/S Street: Coast Hwy 101 E/W Street: Campground North Parking Lot PM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Campground North F**		**%**				**Northbound**		**N of**	Campground North Parking Lot						
	Left	**54**	NB	756	62%	NB	738	**53**	Left	**737**	NB	737	59	**+6**	**59**	**737**	-1	74
15,271	Thru	**748**	SB	459	38%	SB	448	**728**	Thru	**448**	SB	448	823		**728**	**449**	1	45
	Right	**0**	Sum	**1215**		**Enter**	**14900**	**0**	Right		Sum	**1185**	0		**0**			
	Southbound	**S. of**	**Campground North Parking Lot**						**Southbound**		**S of**	Campground North Parking Lot						
	Left	**0**	NB	802	63%	NB	780	**0**	Left	**780**	NB	780	0		**0**	**786**	6	79
15,474	Thru	**447**	SB	469	37%	SB	456	**436**	Thru	**460**	SB	460	492		**436**	**460**	4	46
	Right	**12**	Sum	**1271**		**Enter**	**15059**	**12**	Right		Sum	**1241**	13	**+1**	**13**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**8**	EB	0	0%	EB	0	**9**	Left	**0**	EB	0	9		**9**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
	Right	**22**	Sum	**0**		**Enter**	**0**	**24**	Right		Sum	**0**	24		**24**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**0**	EB	30	31%	EB	33	**0**	Left	**33**	EB	33	0		**0**	**33**	0	3
1,181	Thru	**0**	WB	66	69%	WB	73	**0**	Thru	**64**	WB	64	0		**0**	**71**	-1	7
	Right	**0**	Sum	**96**		**Enter**	**1299**	**0**	Right		Sum	**97**	0		**0**			
																	8.684654	

AM **#4** N/S Street: Coast Hwy 101 E/W Street: Campground Main Entrance AM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Campground Main E**		**%**				**Northbound**		**N of**	Campground Main Entrance						
	Left	**0**	NB	284	20%	NB	276	**0**	Left	**277**	NB	277	0		**0**	**277**	1	28
15,474	Thru	**280**	SB	1113	80%	SB	1083	**272**	Thru	**1083**	SB	1083	308		**272**	**1084**	1	108
15474	Right	**0**	Sum	**1397**		**Enter**	**15059**	**0**	Right		Sum	**1360**	0		**0**			
	Southbound	**S. of**	**Campground Main Entrance**						**Southbound**		**S of**	Campground Main Entrance						
	Left	**0**	NB	280	20%	NB	272	**0**	Left	**272**	NB	272	0		**0**	**272**	0	27
15,002	Thru	**1099**	SB	1118	80%	SB	1088	**1070**	Thru	**1090**	SB	1090	1209		**1070**	**1090**	2	109
15000	Right	**14**	Sum	**1398**		**Enter**	**14600**	**14**	Right		Sum	**1363**	15	**+1**	**15**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**4**	EB	0	0%	EB	0	**4**	Left	**0**	EB	0	4		**4**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
0	Right	**19**	Sum	**0**		**Enter**	**0**	**21**	Right		Sum	**0**	21		**21**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**0**	EB	23	62%	EB	25	**0**	Left	**25**	EB	25	0		**0**	**25**	0	3
600	Thru	**0**	WB	14	38%	WB	15	**0**	Thru	**14**	WB	14	0		**0**	**15**	-1	1
600	Right	**0**	Sum	**37**		**Enter**	**660**	**0**	Right		Sum	**39**	0		**0**			

3.141168

PM N/S Street: Coast Hwy 101 E/W Street: Campground Main Entrance PM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Campground Main E**		**%**				**Northbound**		**N of**	Campground Main Entrance						
	Left	**0**	NB	800	61%	NB	779	**0**	Left	**780**	NB	780	0		**0**	**780**	1	78
15,474	Thru	**790**	SB	508	39%	SB	494	**769**	Thru	**494**	SB	494	869		**769**	**499**	5	50
	Right	**0**	Sum	**1308**		**Enter**	**15059**	**0**	Right		Sum	**1274**	0		**0**			
	Southbound	**S. of**	**Campground Main Entrance**						**Southbound**		**S of**	Campground Main Entrance						
	Left	**0**	NB	790	62%	NB	769	**0**	Left	**769**	NB	769	0		**0**	**769**	0	77
15,002	Thru	**468**	SB	478	38%	SB	465	**455**	Thru	**466**	SB	466	515		**455**	**466**	1	47
	Right	**40**	Sum	**1268**		**Enter**	**14600**	**39**	Right		Sum	**1235**	44	**+5**	**44**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**10**	EB	0	0%	EB	0	**11**	Left	**0**	EB	0	11		**11**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
	Right	**10**	Sum	**0**		**Enter**	**0**	**11**	Right		Sum	**0**	11		**11**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**0**	EB	20	33%	EB	22	**0**	Left	**22**	EB	22	0		**0**	**22**	0	2
600	Thru	**0**	WB	40	67%	WB	44	**0**	Thru	**39**	WB	39	0		**0**	**44**	0	4
	Right	**0**	Sum	**60**		**Enter**	**660**	**0**	Right		Sum	**61**	0		**0**			

7.464071

AM **#5** N/S Street: Coast Hwy 101 E/W Street: Chesterfield Drive AM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Chesterfield Drive**		**%**				**Northbound**		**N of**	Chesterfield Drive						
	Left	**0**	NB	287	20%	NB	279	**0**	Left	**336**	NB	336	0		**0**	**279**	0	28
15,002	Thru	**172**	SB	1123	80%	SB	1093	**199**	Thru	**1093**	SB	1093	189	**-32**	**167**	**1103**	10	110
15008	Right	**208**	Sum	**1410**		**Enter**	**14600**	**240**	Right		Sum	**1429**	229	**+25**	**265**			
	Southbound	**S. of**	**Chesterfield Drive**						**Southbound**		**S of**	Chesterfield Drive						
	Left	**274**	NB	380	20%	NB	439	**267**	Left	**439**	NB	439	301		**267**	**432**	-7	43
22,118	Thru	**849**	SB	1523	80%	SB	1759	**826**	Thru	**1630**	SB	1630	934	**+10**	**836**	**1680**	-79	168
22118	Right	**0**	Sum	**1903**		**Enter**	**25550**	**0**	Right		Sum	**2069**	0		**0**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**0**	EB	482	38%	EB	575	**0**	Left	**507**	EB	507	0		**0**	**532**	-43	53
14,674	Thru	**0**	WB	789	62%	WB	941	**0**	Thru	**941**	WB	941	0		**0**	**956**	15	96
14674	Right	**0**	Sum	**1271**		**Enter**	**17500**	**0**	Right		Sum	**1448**	0		**0**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**674**	EB	0	0%	EB	0	**804**	Left	**0**	EB	0	741	**+40**	**844**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
0	Right	**115**	Sum	**0**		**Enter**	**0**	**137**	Right		Sum	**0**	127	**-25**	**112**			
																	-104.612	

PM N/S Street: Coast Hwy 101 E/W Street: Chesterfield Drive PM

Existing ADT	Existing	AM	Existing Link Volumes			Future ADT (2035)		FUTURE Raw Turning Movement Volumes		FUTURE Link Volumes	Verify		Minimum 10% Growth	Volume Adj.	Refined Turning Movement Volumes	Refined Link Volumes	Gap Closure	10% Gap
	Northbound	**N.of**	**Chesterfield Drive**		**%**				**Northbound**		**N of**	Chesterfield Drive						
	Left	**0**	NB	788	63%	NB	767	**0**	Left	**915**	NB	915	0		**0**	**765**	-1	77
15,002	Thru	**649**	SB	470	37%	SB	457	**750**	Thru	**457**	SB	457	714	**-120**	**630**	**457**	0	46
	Right	**590**	Sum	**1258**		**Enter**	**14600**	**682**	Right		Sum	**1373**	649	**+85**	**767**			
	Southbound	**S. of**	**Chesterfield Drive**						**Southbound**		**S of**	Chesterfield Drive						
	Left	**178**	NB	1239	67%	NB	1431	**173**	Left	**1431**	NB	1431	196		**173**	**1396**	-35	140
22,118	Thru	**292**	SB	615	33%	SB	710	**284**	Thru	**669**	SB	669	321		**284**	**679**	-31	68
	Right	**0**	Sum	**1854**		**Enter**	**25550**	**0**	Right		Sum	**2101**	0		**0**			
	Eastbound	**E. of**	**Coast Hwy 101**						**Eastbound**		**E of**	Coast Hwy 101						
	Left	**0**	EB	768	62%	EB	916	**0**	Left	**855**	EB	855	0		**0**	**940**	24	94
14,674	Thru	**0**	WB	462	38%	WB	551	**0**	Thru	**551**	WB	551	0		**0**	**531**	-20	53
	Right	**0**	Sum	**1230**		**Enter**	**17500**	**0**	Right		Sum	**1406**	0		**0**			
	Westbound	**W.of**	**Coast Hwy 101**						**Westbound**		**W of**	Coast Hwy 101						
	Left	**323**	EB	0	0%	EB	0	**385**	Left	**0**	EB	0	355	**+10**	**395**	**0**	0	0
0	Thru	**0**	WB	0	0%	WB	0	**0**	Thru	**0**	WB	0	0		**0**	**0**	0	0
	Right	**139**	Sum	**0**		**Enter**	**0**	**166**	Right		Sum	**0**	153	**-30**	**136**			
																	-63.5989	

Appendix E

Horizon Year 2035 Conditions Without Project Level of Service Worksheets

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	0	0	0	0	313	0	0	1297	0
Future Volume (vph)	0	0	0	0	0	0	0	313	0	0	1297	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width	12	12	12	12	12	12	12	12	12	12	15	12
Total Lost time (s)								5.3			5.3	
Lane Util. Factor								0.95			1.00	
Frpb, ped/bikes								1.00			1.00	
Flpb, ped/bikes								1.00			1.00	
Frt								1.00			1.00	
Flt Protected								1.00			1.00	
Satd. Flow (prot)								3539			2049	
Flt Permitted								1.00			1.00	
Satd. Flow (perm)								3539			2049	
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	0	0	0	0	0	0	0	329	0	0	1365	0
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Lane Group Flow (vph)	0	0	0	0	0	0	0	329	0	0	1365	0
Confl. Peds. (#/hr)			54									
Turn Type								NA			NA	
Protected Phases								2			6	
Permitted Phases												
Actuated Green, G (s)								52.9			52.9	
Effective Green, g (s)								52.9			52.9	
Actuated g/C Ratio								0.78			0.78	
Clearance Time (s)								5.3			5.3	
Vehicle Extension (s)								4.0			4.0	
Lane Grp Cap (vph)								2765			1601	
v/s Ratio Prot								0.09			c0.67	
v/s Ratio Perm												
v/c Ratio								0.12			0.85	
Uniform Delay, d1								1.8			4.8	
Progression Factor								1.00			1.00	
Incremental Delay, d2								0.0			4.8	
Delay (s)								1.8			9.6	
Level of Service								A			A	
Approach Delay (s)		0.0			0.0			1.8			9.6	
Approach LOS		A			A			A			A	

Intersection Summary			
HCM 2000 Control Delay	8.1	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.77		
Actuated Cycle Length (s)	67.7	Sum of lost time (s)	9.3
Intersection Capacity Utilization	72.7%	ICU Level of Service	C
Analysis Period (min)	15		

c Critical Lane Group

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	24	18	18	284	1270	30
Future Vol, veh/h	24	18	18	284	1270	30
Conflicting Peds, #/hr	0	0	0	0	0	94
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	270	-	-	110
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	25	19	19	299	1337	32

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1768	1431	1431	0	-	0
Stage 1	1431	-	-	-	-	-
Stage 2	337	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	92	165	475	-	-	-
Stage 1	220	-	-	-	-	-
Stage 2	723	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	68	145	475	-	-	-
Mov Cap-2 Maneuver	155	-	-	-	-	-
Stage 1	194	-	-	-	-	-
Stage 2	611	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	38.4	0.8	0
HCM LOS	E		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	475	-	151	-	-
HCM Lane V/C Ratio	0.04	-	0.293	-	-
HCM Control Delay (s)	12.9	-	38.4	-	-
HCM Lane LOS	B	-	E	-	-
HCM 95th %tile Q(veh)	0.1	-	1.1	-	-

Intersection	
Int Delay, s/veh	0.8

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	6	24	45	296	1278	13
Future Vol, veh/h	6	24	45	296	1278	13
Conflicting Peds, #/hr	0	0	0	0	0	107
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	140	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	6	25	47	312	1345	14

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1710	786	1466	0	-	0
Stage 1	1459	-	-	-	-	-
Stage 2	251	-	-	-	-	-
Critical Hdwy	6.84	6.94	4.14	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	2.22	-	-	-
Pot Cap-1 Maneuver	82	335	456	-	-	-
Stage 1	180	-	-	-	-	-
Stage 2	768	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	62	307	456	-	-	-
Mov Cap-2 Maneuver	136	-	-	-	-	-
Stage 1	165	-	-	-	-	-
Stage 2	630	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	21.9	1.8	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	456	-	245	-	-
HCM Lane V/C Ratio	0.104	-	0.129	-	-
HCM Control Delay (s)	13.8	-	21.9	-	-
HCM Lane LOS	B	-	C	-	-
HCM 95th %tile Q(veh)	0.3	-	0.4	-	-

Intersection	
Int Delay, s/veh	0.3

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	4	21	0	331	1300	17
Future Vol, veh/h	4	21	0	331	1300	17
Conflicting Peds, #/hr	0	0	0	0	0	80
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	-	190
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	4	22	0	348	1368	18

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1622	764	-	0	-	0
Stage 1	1448	-	-	-	-	-
Stage 2	174	-	-	-	-	-
Critical Hdwy	6.84	6.94	-	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	-	-	-	-
Pot Cap-1 Maneuver	94	346	0	-	-	-
Stage 1	183	-	0	-	-	-
Stage 2	839	-	0	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	80	320	-	-	-	-
Mov Cap-2 Maneuver	145	-	-	-	-	-
Stage 1	169	-	-	-	-	-
Stage 2	775	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	19.3	0	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	-	145	320	-	-
HCM Lane V/C Ratio	-	0.029	0.069	-	-
HCM Control Delay (s)	-	30.6	17.1	-	-
HCM Lane LOS	-	D	C	-	-
HCM 95th %tile Q(veh)	-	0.1	0.2	-	-

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	762	130	204	246	324	1005
Future Volume (veh/h)	762	130	204	246	324	1005
Number	1	16	8	18	7	4
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		0.91	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1863	1863	1863	1863
Adj Flow Rate, veh/h	802	137	215	259	341	1058
Adj No. of Lanes	2	1	2	1	1	2
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1205	554	708	841	381	1609
Arrive On Green	0.35	0.35	0.20	0.20	0.21	0.45
Sat Flow, veh/h	3442	1583	3632	1434	1774	3632
Grp Volume(v), veh/h	802	137	215	259	341	1058
Grp Sat Flow(s),veh/h/ln	1721	1583	1770	1434	1774	1770
Q Serve(g_s), s	19.7	6.2	5.2	9.9	18.7	23.3
Cycle Q Clear(g_c), s	19.7	6.2	5.2	9.9	18.7	23.3
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	1205	554	708	841	381	1609
V/C Ratio(X)	0.67	0.25	0.30	0.31	0.90	0.66
Avail Cap(c_a), veh/h	1205	554	726	848	568	2000
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.96	0.96	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	27.5	23.1	34.1	12.4	38.2	21.2
Incr Delay (d2), s/veh	2.8	1.0	0.5	0.4	12.1	0.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	9.8	6.4	2.6	7.1	10.5	11.5
LnGrp Delay(d),s/veh	30.4	24.2	34.6	12.8	50.3	21.9
LnGrp LOS	C	C	C	B	D	C
Approach Vol, veh/h	939		474			1399
Approach Delay, s/veh	29.5		22.7			28.8
Approach LOS	C		C			C

Timer	1	2	3	4	5	6	7	8
Assigned Phs				4		6	7	8
Phs Duration (G+Y+Rc), s				50.0		39.0	25.5	24.5
Change Period (Y+Rc), s				4.5		4.0	4.0	4.5
Max Green Setting (Gmax), s				56.5		35.0	32.0	20.5
Max Q Clear Time (g_c+I1), s				25.3		21.7	20.7	11.9
Green Ext Time (p_c), s				16.0		6.2	0.8	6.4

Intersection Summary	
HCM 2010 Ctrl Delay	28.0
HCM 2010 LOS	C

Notes

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	216	190	151	7	200	623
Future Volume (vph)	216	190	151	7	200	623
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width	16	12	16	12	10	14
Total Lost time (s)	4.5		4.5		4.5	4.5
Lane Util. Factor	1.00		1.00		1.00	1.00
Frt	0.94		0.99		1.00	1.00
Flt Protected	0.97		1.00		0.95	1.00
Satd. Flow (prot)	1926		2099		1652	1987
Flt Permitted	0.97		1.00		0.95	1.00
Satd. Flow (perm)	1926		2099		1652	1987
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	227	200	159	7	211	656
RTOR Reduction (vph)	61	0	3	0	0	0
Lane Group Flow (vph)	366	0	163	0	211	656
Turn Type	Perm		NA		Prot	NA
Protected Phases			2		1	6
Permitted Phases	8					
Actuated Green, G (s)	12.7		11.0		5.2	20.7
Effective Green, g (s)	12.7		11.0		5.2	20.7
Actuated g/C Ratio	0.30		0.26		0.12	0.49
Clearance Time (s)	4.5		4.5		4.5	4.5
Vehicle Extension (s)	3.0		3.0		3.0	3.0
Lane Grp Cap (vph)	576		544		202	970
v/s Ratio Prot			0.08		c0.13	c0.33
v/s Ratio Perm	c0.19					
v/c Ratio	0.64		0.30		1.04	0.68
Uniform Delay, d1	12.8		12.6		18.6	8.3
Progression Factor	1.00		1.00		1.00	1.00
Incremental Delay, d2	2.3		0.3		75.5	1.9
Delay (s)	15.1		12.9		94.1	10.2
Level of Service	B		B		F	B
Approach Delay (s)	15.1		12.9			30.6
Approach LOS	B		B			C

Intersection Summary			
HCM 2000 Control Delay	24.1	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.78		
Actuated Cycle Length (s)	42.4	Sum of lost time (s)	13.5
Intersection Capacity Utilization	63.9%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	196	50	201	147	204	696
Future Volume (veh/h)	196	50	201	147	204	696
Number	3	18	2	12	1	6
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1937	1900	1863	1863
Adj Flow Rate, veh/h	206	53	212	155	215	733
Adj No. of Lanes	1	1	1	0	1	1
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	247	221	600	438	261	1421
Arrive On Green	0.14	0.14	0.58	0.58	0.15	0.76
Sat Flow, veh/h	1774	1583	1041	761	1774	1863
Grp Volume(v), veh/h	206	53	0	367	215	733
Grp Sat Flow(s),veh/h/ln	1774	1583	0	1803	1774	1863
Q Serve(g_s), s	9.9	2.6	0.0	9.5	10.3	13.4
Cycle Q Clear(g_c), s	9.9	2.6	0.0	9.5	10.3	13.4
Prop In Lane	1.00	1.00		0.42	1.00	
Lane Grp Cap(c), veh/h	247	221	0	1038	261	1421
V/C Ratio(X)	0.83	0.24	0.00	0.35	0.82	0.52
Avail Cap(c_a), veh/h	509	454	0	1038	539	1421
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	36.5	33.4	0.0	9.8	36.1	4.0
Incr Delay (d2), s/veh	2.8	0.2	0.0	0.9	7.7	1.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.0	1.1	0.0	5.0	5.6	7.2
LnGrp Delay(d),s/veh	39.3	33.6	0.0	10.8	43.8	5.4
LnGrp LOS	D	C		B	D	A
Approach Vol, veh/h	259		367			948
Approach Delay, s/veh	38.1		10.8			14.1
Approach LOS	D		B			B

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2				6		8
Phs Duration (G+Y+Rc), s	16.3	54.7				71.0		16.2
Change Period (Y+Rc), s	3.5	4.5				4.5		4.0
Max Green Setting (Gmax), s	26.5	36.5				66.5		25.0
Max Q Clear Time (g_c+I1), s	12.3	11.5				15.4		11.9
Green Ext Time (p_c), s	0.6	10.0				12.3		0.3

Intersection Summary	
HCM 2010 Ctrl Delay	17.3
HCM 2010 LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	273	70	181	26	114	29	224	107	28	32	326	538
Future Volume (veh/h)	273	70	181	26	114	29	224	107	28	32	326	538
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1900	1900	1863	1900	1863	1863	1900	1863	1937	1937
Adj Flow Rate, veh/h	287	74	191	27	120	31	236	113	29	34	343	566
Adj No. of Lanes	1	1	0	0	1	0	1	1	0	1	1	1
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	532	138	357	56	248	64	225	548	141	482	742	631
Arrive On Green	0.30	0.30	0.30	0.20	0.20	0.20	0.38	0.38	0.38	0.38	0.38	0.38
Sat Flow, veh/h	1774	461	1191	272	1209	312	611	1431	367	1241	1937	1647
Grp Volume(v), veh/h	287	0	265	178	0	0	236	0	142	34	343	566
Grp Sat Flow(s),veh/h/ln	1774	0	1653	1794	0	0	611	0	1798	1241	1937	1647
Q Serve(g_s), s	13.5	0.0	13.4	8.8	0.0	0.0	25.0	0.0	5.3	1.9	13.3	32.3
Cycle Q Clear(g_c), s	13.5	0.0	13.4	8.8	0.0	0.0	38.3	0.0	5.3	7.2	13.3	32.3
Prop In Lane	1.00		0.72	0.15		0.17	1.00		0.20	1.00		1.00
Lane Grp Cap(c), veh/h	532	0	496	368	0	0	225	0	689	482	742	631
V/C Ratio(X)	0.54	0.00	0.53	0.48	0.00	0.00	1.05	0.00	0.21	0.07	0.46	0.90
Avail Cap(c_a), veh/h	532	0	496	368	0	0	225	0	689	482	742	631
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.99	0.00	0.99	1.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	29.2	0.0	29.2	35.1	0.0	0.0	41.5	0.0	20.7	23.1	23.1	29.0
Incr Delay (d2), s/veh	3.8	0.0	4.0	4.5	0.0	0.0	73.5	0.0	0.7	0.3	2.1	18.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	7.2	0.0	6.7	4.8	0.0	0.0	10.8	0.0	2.7	0.7	7.5	17.8
LnGrp Delay(d),s/veh	33.1	0.0	33.2	39.6	0.0	0.0	115.0	0.0	21.3	23.4	25.2	47.0
LnGrp LOS	C		C	D			F		C	C	C	D
Approach Vol, veh/h		552			178			378			943	
Approach Delay, s/veh		33.1			39.6			79.8			38.2	
Approach LOS		C			D			E			D	

Timer	1	2	3	4	5	6	7	8
Assigned Phs		2		4		6		8
Phs Duration (G+Y+Rc), s		34.0		42.0		24.0		42.0
Change Period (Y+Rc), s		4.0		3.7		3.5		3.7
Max Green Setting (Gmax), s		30.0		38.3		20.5		38.3
Max Q Clear Time (g_c+I1), s		15.5		34.3		10.8		40.3
Green Ext Time (p_c), s		4.4		2.0		0.4		0.0

Intersection Summary	
HCM 2010 Ctrl Delay	44.6
HCM 2010 LOS	D

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	0	0	0	0	878	0	0	551	0
Future Volume (vph)	0	0	0	0	0	0	0	878	0	0	551	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width	12	12	12	12	12	12	12	12	12	12	15	12
Total Lost time (s)								5.3			5.3	
Lane Util. Factor								0.95			1.00	
Frpb, ped/bikes								1.00			1.00	
Flpb, ped/bikes								1.00			1.00	
Frt								1.00			1.00	
Flt Protected								1.00			1.00	
Satd. Flow (prot)								3539			2049	
Flt Permitted								1.00			1.00	
Satd. Flow (perm)								3539			2049	
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	0	0	0	0	0	0	0	924	0	0	580	0
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Lane Group Flow (vph)	0	0	0	0	0	0	0	924	0	0	580	0
Confl. Peds. (#/hr)			94									
Turn Type								NA			NA	
Protected Phases								2			6	
Permitted Phases												
Actuated Green, G (s)								18.0			18.0	
Effective Green, g (s)								18.0			18.0	
Actuated g/C Ratio								0.61			0.61	
Clearance Time (s)								5.3			5.3	
Vehicle Extension (s)								4.0			4.0	
Lane Grp Cap (vph)								2174			1258	
v/s Ratio Prot								0.26			c0.28	
v/s Ratio Perm												
v/c Ratio								0.43			0.46	
Uniform Delay, d1								2.9			3.0	
Progression Factor								1.00			1.00	
Incremental Delay, d2								0.2			0.4	
Delay (s)								3.1			3.4	
Level of Service								A			A	
Approach Delay (s)		0.0			0.0			3.1			3.4	
Approach LOS		A			A			A			A	

Intersection Summary			
HCM 2000 Control Delay	3.2	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.41		
Actuated Cycle Length (s)	29.3	Sum of lost time (s)	9.3
Intersection Capacity Utilization	33.4%	ICU Level of Service	A
Analysis Period (min)	15		

c Critical Lane Group

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	25	22	36	844	516	27
Future Vol, veh/h	25	22	36	844	516	27
Conflicting Peds, #/hr	0	0	0	0	0	106
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	270	-	-	110
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	26	23	38	888	543	28

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1613	649	649	0	-	0
Stage 1	649	-	-	-	-	-
Stage 2	964	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	115	470	937	-	-	-
Stage 1	520	-	-	-	-	-
Stage 2	370	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	83	407	937	-	-	-
Mov Cap-2 Maneuver	203	-	-	-	-	-
Stage 1	450	-	-	-	-	-
Stage 2	307	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	21.7	0.4	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	937	-	265	-	-
HCM Lane V/C Ratio	0.04	-	0.187	-	-
HCM Control Delay (s)	9	-	21.7	-	-
HCM Lane LOS	A	-	C	-	-
HCM 95th %tile Q(veh)	0.1	-	0.7	-	-

Intersection	
Int Delay, s/veh	0.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	9	24	64	885	530	14
Future Vol, veh/h	9	24	64	885	530	14
Conflicting Peds, #/hr	0	0	0	0	0	102
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	140	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	9	25	67	932	558	15

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1268	388	675	0	-	0
Stage 1	667	-	-	-	-	-
Stage 2	601	-	-	-	-	-
Critical Hdwy	6.84	6.94	4.14	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	2.22	-	-	-
Pot Cap-1 Maneuver	160	611	912	-	-	-
Stage 1	472	-	-	-	-	-
Stage 2	510	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	125	562	912	-	-	-
Mov Cap-2 Maneuver	255	-	-	-	-	-
Stage 1	434	-	-	-	-	-
Stage 2	434	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	14.3	0.6	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	912	-	423	-	-
HCM Lane V/C Ratio	0.074	-	0.082	-	-
HCM Control Delay (s)	9.3	-	14.3	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0.2	-	0.3	-	-

Intersection	
Int Delay, s/veh	0.2

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	11	11	0	935	554	47
Future Vol, veh/h	11	11	0	935	554	47
Conflicting Peds, #/hr	0	0	0	0	0	74
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	-	190
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	12	12	0	984	583	49

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1149	366	-	0	-	0
Stage 1	657	-	-	-	-	-
Stage 2	492	-	-	-	-	-
Critical Hdwy	6.84	6.94	-	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	-	-	-	-
Pot Cap-1 Maneuver	192	631	0	-	-	-
Stage 1	477	-	0	-	-	-
Stage 2	580	-	0	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	166	587	-	-	-	-
Mov Cap-2 Maneuver	297	-	-	-	-	-
Stage 1	443	-	-	-	-	-
Stage 2	539	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	14.5	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	-	297	587	-	-
HCM Lane V/C Ratio	-	0.039	0.02	-	-
HCM Control Delay (s)	-	17.6	11.3	-	-
HCM Lane LOS	-	C	B	-	-
HCM 95th %tile Q(veh)	-	0.1	0.1	-	-

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	365	157	768	698	211	345
Future Volume (veh/h)	365	157	768	698	211	345
Number	1	16	8	18	7	4
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		0.95	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1863	1863	1863	1863
Adj Flow Rate, veh/h	384	165	808	735	222	363
Adj No. of Lanes	2	1	2	1	1	2
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	998	459	1347	1031	257	2001
Arrive On Green	0.29	0.29	0.38	0.38	0.14	0.57
Sat Flow, veh/h	3442	1583	3632	1502	1774	3632
Grp Volume(v), veh/h	384	165	808	735	222	363
Grp Sat Flow(s),veh/h/ln	1721	1583	1770	1502	1774	1770
Q Serve(g_s), s	8.9	8.3	18.3	31.6	12.2	5.0
Cycle Q Clear(g_c), s	8.9	8.3	18.3	31.6	12.2	5.0
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	998	459	1347	1031	257	2001
V/C Ratio(X)	0.38	0.36	0.60	0.71	0.86	0.18
Avail Cap(c_a), veh/h	998	459	1363	1038	355	2212
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.99	0.99	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	28.4	28.1	24.9	10.6	41.8	10.5
Incr Delay (d2), s/veh	1.1	2.2	1.1	2.9	14.8	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.4	8.1	9.2	21.0	7.0	2.4
LnGrp Delay(d),s/veh	29.5	30.3	26.0	13.5	56.6	10.6
LnGrp LOS	C	C	C	B	E	B
Approach Vol, veh/h	549		1543			585
Approach Delay, s/veh	29.7		20.0			28.0
Approach LOS	C		C			C

Timer	1	2	3	4	5	6	7	8
Assigned Phs				4		6	7	8
Phs Duration (G+Y+Rc), s				61.0		33.0	18.5	42.6
Change Period (Y+Rc), s				4.5		4.0	4.0	4.5
Max Green Setting (Gmax), s				62.5		29.0	20.0	38.5
Max Q Clear Time (g_c+I1), s				7.0		10.9	14.2	33.6
Green Ext Time (p_c), s				33.7		4.1	0.3	4.5

Intersection Summary	
HCM 2010 Ctrl Delay	23.8
HCM 2010 LOS	C

Notes

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	101	188	352	20	184	183
Future Volume (vph)	101	188	352	20	184	183
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width	16	12	16	12	10	14
Total Lost time (s)	4.5		4.5		4.5	4.5
Lane Util. Factor	1.00		1.00		1.00	1.00
Frt	0.91		0.99		1.00	1.00
Flt Protected	0.98		1.00		0.95	1.00
Satd. Flow (prot)	1892		2096		1652	1987
Flt Permitted	0.98		1.00		0.95	1.00
Satd. Flow (perm)	1892		2096		1652	1987
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	106	198	371	21	194	193
RTOR Reduction (vph)	148	0	4	0	0	0
Lane Group Flow (vph)	156	0	388	0	194	193
Turn Type	Perm		NA		Prot	NA
Protected Phases			2		1	6
Permitted Phases	8					
Actuated Green, G (s)	8.8		18.1		5.0	27.6
Effective Green, g (s)	8.8		18.1		5.0	27.6
Actuated g/C Ratio	0.19		0.40		0.11	0.61
Clearance Time (s)	4.5		4.5		4.5	4.5
Vehicle Extension (s)	3.0		3.0		3.0	3.0
Lane Grp Cap (vph)	366		835		181	1207
v/s Ratio Prot			c0.19		c0.12	0.10
v/s Ratio Perm	c0.08					
v/c Ratio	0.43		0.47		1.07	0.16
Uniform Delay, d1	16.1		10.1		20.2	3.9
Progression Factor	1.00		1.00		1.00	1.00
Incremental Delay, d2	0.8		1.9		87.3	0.3
Delay (s)	16.9		11.9		107.5	4.1
Level of Service	B		B		F	A
Approach Delay (s)	16.9		11.9			55.9
Approach LOS	B		B			E

Intersection Summary			
HCM 2000 Control Delay	29.1	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.55		
Actuated Cycle Length (s)	45.4	Sum of lost time (s)	13.5
Intersection Capacity Utilization	58.3%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	178	113	428	268	87	232
Future Volume (veh/h)	178	113	428	268	87	232
Number	3	18	2	12	1	6
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1937	1900	1863	1863
Adj Flow Rate, veh/h	187	119	451	282	92	244
Adj No. of Lanes	1	1	1	0	1	1
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	228	203	752	470	119	1451
Arrive On Green	0.13	0.13	0.67	0.67	0.07	0.78
Sat Flow, veh/h	1774	1583	1116	698	1774	1863
Grp Volume(v), veh/h	187	119	0	733	92	244
Grp Sat Flow(s),veh/h/ln	1774	1583	0	1814	1774	1863
Q Serve(g_s), s	9.4	6.5	0.0	20.3	4.7	3.1
Cycle Q Clear(g_c), s	9.4	6.5	0.0	20.3	4.7	3.1
Prop In Lane	1.00	1.00		0.38	1.00	
Lane Grp Cap(c), veh/h	228	203	0	1222	119	1451
V/C Ratio(X)	0.82	0.59	0.00	0.60	0.77	0.17
Avail Cap(c_a), veh/h	389	347	0	1222	261	1451
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	38.9	37.7	0.0	8.2	42.1	2.6
Incr Delay (d2), s/veh	2.8	1.0	0.0	2.2	12.1	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.8	2.9	0.0	10.7	2.7	1.7
LnGrp Delay(d),s/veh	41.8	38.7	0.0	10.4	54.1	2.8
LnGrp LOS	D	D		B	D	A
Approach Vol, veh/h	306		733			336
Approach Delay, s/veh	40.6		10.4			16.9
Approach LOS	D		B			B

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2				6		8
Phs Duration (G+Y+Rc), s	9.6	66.3				75.9		15.8
Change Period (Y+Rc), s	3.5	4.5				4.5		4.0
Max Green Setting (Gmax), s	13.5	54.4				71.4		20.1
Max Q Clear Time (g_c+I1), s	6.7	22.3				5.1		11.4
Green Ext Time (p_c), s	0.1	7.4				7.9		0.3

Intersection Summary	
HCM 2010 Ctrl Delay	18.7
HCM 2010 LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	571	124	133	15	59	29	115	138	17	20	92	316
Future Volume (veh/h)	571	124	133	15	59	29	115	138	17	20	92	316
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1900	1900	1863	1900	1863	1863	1900	1863	1937	1937
Adj Flow Rate, veh/h	601	131	140	16	62	31	121	145	18	21	97	333
Adj No. of Lanes	1	1	0	0	1	0	1	1	0	1	1	1
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	1094	509	544	20	79	39	216	314	39	211	374	318
Arrive On Green	0.62	0.62	0.62	0.08	0.08	0.08	0.19	0.19	0.19	0.19	0.19	0.19
Sat Flow, veh/h	1774	825	882	259	1002	501	954	1625	202	1218	1937	1647
Grp Volume(v), veh/h	601	0	271	109	0	0	121	0	163	21	97	333
Grp Sat Flow(s),veh/h/ln	1774	0	1707	1761	0	0	954	0	1827	1218	1937	1647
Q Serve(g_s), s	19.7	0.0	7.2	6.1	0.0	0.0	12.3	0.0	7.9	1.6	4.3	19.3
Cycle Q Clear(g_c), s	19.7	0.0	7.2	6.1	0.0	0.0	16.6	0.0	7.9	9.5	4.3	19.3
Prop In Lane	1.00		0.52	0.15		0.28	1.00		0.11	1.00		1.00
Lane Grp Cap(c), veh/h	1094	0	1052	138	0	0	216	0	353	211	374	318
V/C Ratio(X)	0.55	0.00	0.26	0.79	0.00	0.00	0.56	0.00	0.46	0.10	0.26	1.05
Avail Cap(c_a), veh/h	1094	0	1052	273	0	0	216	0	353	211	374	318
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.96	0.00	0.96	1.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	11.1	0.0	8.7	45.2	0.0	0.0	41.3	0.0	35.8	39.9	34.3	40.3
Incr Delay (d2), s/veh	1.9	0.0	0.6	3.7	0.0	0.0	2.0	0.0	0.4	0.1	0.1	63.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	10.1	0.0	3.6	3.1	0.0	0.0	3.4	0.0	4.0	0.5	2.3	14.3
LnGrp Delay(d),s/veh	13.0	0.0	9.3	49.0	0.0	0.0	43.4	0.0	36.1	40.0	34.4	103.9
LnGrp LOS	B		A	D			D		D	D	C	F
Approach Vol, veh/h		872			109			284			451	
Approach Delay, s/veh		11.9			49.0			39.2			86.0	
Approach LOS		B			D			D			F	

Timer	1	2	3	4	5	6	7	8
Assigned Phs		2		4		6		8
Phs Duration (G+Y+Rc), s		65.6		23.0		11.4		23.0
Change Period (Y+Rc), s		4.0		3.7		3.5		3.7
Max Green Setting (Gmax), s		54.0		19.3		15.5		19.3
Max Q Clear Time (g_c+I1), s		21.7		21.3		8.1		18.6
Green Ext Time (p_c), s		10.0		0.0		0.2		0.2

Intersection Summary	
HCM 2010 Ctrl Delay	38.2
HCM 2010 LOS	D

Appendix C

Year 2035 Conditions With Project Level of Service Worksheets

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	0	0	0	0	257	0	0	1068	0
Future Volume (vph)	0	0	0	0	0	0	0	257	0	0	1068	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width	12	12	12	12	12	12	12	12	12	12	15	12
Total Lost time (s)								5.3			5.3	
Lane Util. Factor								0.95			1.00	
Frpb, ped/bikes								1.00			1.00	
Flpb, ped/bikes								1.00			1.00	
Frt								1.00			1.00	
Flt Protected								1.00			1.00	
Satd. Flow (prot)								3539			2049	
Flt Permitted								1.00			1.00	
Satd. Flow (perm)								3539			2049	
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	0	0	0	0	0	0	0	271	0	0	1124	0
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Lane Group Flow (vph)	0	0	0	0	0	0	0	271	0	0	1124	0
Confl. Peds. (#/hr)			54									
Turn Type								NA			NA	
Protected Phases								2			6	
Permitted Phases												
Actuated Green, G (s)								39.3			39.3	
Effective Green, g (s)								39.3			39.3	
Actuated g/C Ratio								0.74			0.74	
Clearance Time (s)								5.3			5.3	
Vehicle Extension (s)								4.0			4.0	
Lane Grp Cap (vph)								2614			1513	
v/s Ratio Prot								0.08			c0.55	
v/s Ratio Perm												
v/c Ratio								0.10			0.74	
Uniform Delay, d1								2.0			4.0	
Progression Factor								1.00			1.00	
Incremental Delay, d2								0.0			2.1	
Delay (s)								2.0			6.2	
Level of Service								A			A	
Approach Delay (s)		0.0			0.0			2.0			6.2	
Approach LOS		A			A			A			A	

Intersection Summary			
HCM 2000 Control Delay	5.4	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.66		
Actuated Cycle Length (s)	53.2	Sum of lost time (s)	9.3
Intersection Capacity Utilization	60.6%	ICU Level of Service	B
Analysis Period (min)	15		

c Critical Lane Group

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	24	18	17	234	1045	28
Future Vol, veh/h	24	18	17	234	1045	28
Conflicting Peds, #/hr	0	0	0	0	0	94
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	270	-	-	110
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	25	19	18	246	1100	29

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1476	1194	1194	0	-	0
Stage 1	1194	-	-	-	-	-
Stage 2	282	-	-	-	-	-
Critical Hdwy	7.12	6.22	4.12	-	-	-
Critical Hdwy Stg 1	6.12	-	-	-	-	-
Critical Hdwy Stg 2	6.12	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	104	227	585	-	-	-
Stage 1	228	-	-	-	-	-
Stage 2	725	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	89	200	585	-	-	-
Mov Cap-2 Maneuver	164	-	-	-	-	-
Stage 1	195	-	-	-	-	-
Stage 2	703	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	31.8	0.8	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	585	-	178	-	-
HCM Lane V/C Ratio	0.031	-	0.248	-	-
HCM Control Delay (s)	11.3	-	31.8	-	-
HCM Lane LOS	B	-	D	-	-
HCM 95th %tile Q(veh)	0.1	-	0.9	-	-

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	6	24	42	243	1052	12
Future Vol, veh/h	6	24	42	243	1052	12
Conflicting Peds, #/hr	0	0	0	0	0	107
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	140	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	6	25	44	256	1107	13

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1565	1221	1227	0	-	0
Stage 1	1221	-	-	-	-	-
Stage 2	344	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	123	219	568	-	-	-
Stage 1	279	-	-	-	-	-
Stage 2	718	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	95	200	568	-	-	-
Mov Cap-2 Maneuver	198	-	-	-	-	-
Stage 1	255	-	-	-	-	-
Stage 2	606	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	26.3	1.7	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	568	-	200	-	-
HCM Lane V/C Ratio	0.078	-	0.158	-	-
HCM Control Delay (s)	11.9	-	26.3	-	-
HCM Lane LOS	B	-	D	-	-
HCM 95th %tile Q(veh)	0.3	-	0.5	-	-

Intersection	
Int Delay, s/veh	0.4

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	4	21	0	272	1070	15
Future Vol, veh/h	4	21	0	272	1070	15
Conflicting Peds, #/hr	0	0	0	0	0	80
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	-	190
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	4	22	0	286	1126	16

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1492	1206	-	0	-	0
Stage 1	1206	-	-	-	-	-
Stage 2	286	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	-	-
Pot Cap-1 Maneuver	136	224	0	-	-	-
Stage 1	283	-	0	-	-	-
Stage 2	763	-	0	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	116	207	-	-	-	-
Mov Cap-2 Maneuver	212	-	-	-	-	-
Stage 1	261	-	-	-	-	-
Stage 2	705	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	24.1	0	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	-	212	207	-	-
HCM Lane V/C Ratio	-	0.02	0.107	-	-
HCM Control Delay (s)	-	22.3	24.5	-	-
HCM Lane LOS	-	C	C	-	-
HCM 95th %tile Q(veh)	-	0.1	0.4	-	-

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	844	112	167	265	267	836
Future Volume (veh/h)	844	112	167	265	267	836
Number	1	16	8	18	7	4
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		0.91	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1863	1863	1863	1863
Adj Flow Rate, veh/h	888	118	176	279	281	880
Adj No. of Lanes	2	1	2	1	1	2
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	1342	617	708	904	320	1487
Arrive On Green	0.39	0.39	0.20	0.20	0.18	0.42
Sat Flow, veh/h	3442	1583	3632	1434	1774	3632
Grp Volume(v), veh/h	888	118	176	279	281	880
Grp Sat Flow(s),veh/h/ln	1721	1583	1770	1434	1774	1770
Q Serve(g_s), s	21.2	4.9	4.2	9.9	15.4	19.2
Cycle Q Clear(g_c), s	21.2	4.9	4.2	9.9	15.4	19.2
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	1342	617	708	904	320	1487
V/C Ratio(X)	0.66	0.19	0.25	0.31	0.88	0.59
Avail Cap(c_a), veh/h	1342	617	726	912	497	1858
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.94	0.94	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	25.1	20.1	33.7	10.4	39.9	22.4
Incr Delay (d2), s/veh	2.4	0.6	0.4	0.4	10.9	0.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	10.4	5.4	2.1	7.8	8.5	9.4
LnGrp Delay(d),s/veh	27.5	20.8	34.1	10.8	50.8	22.8
LnGrp LOS	C	C	C	B	D	C
Approach Vol, veh/h	1006		455			1161
Approach Delay, s/veh	26.7		19.8			29.6
Approach LOS	C		B			C

Timer	1	2	3	4	5	6	7	8
Assigned Phs				4		6	7	8
Phs Duration (G+Y+Rc), s				46.5		43.0	22.0	24.5
Change Period (Y+Rc), s				4.5		4.0	4.0	4.5
Max Green Setting (Gmax), s				52.5		39.0	28.0	20.5
Max Q Clear Time (g_c+I1), s				21.2		23.2	17.4	11.9
Green Ext Time (p_c), s				14.3		7.5	0.6	6.0

Intersection Summary	
HCM 2010 Ctrl Delay	26.8
HCM 2010 LOS	C

Notes

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	229	200	181	8	234	747
Future Volume (vph)	229	200	181	8	234	747
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width	16	12	16	12	10	14
Total Lost time (s)	4.5		4.5		4.5	4.5
Lane Util. Factor	1.00		1.00		1.00	1.00
Frt	0.94		0.99		1.00	1.00
Flt Protected	0.97		1.00		0.95	1.00
Satd. Flow (prot)	1927		2100		1652	1987
Flt Permitted	0.97		1.00		0.95	1.00
Satd. Flow (perm)	1927		2100		1652	1987
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	241	211	191	8	246	786
RTOR Reduction (vph)	59	0	3	0	0	0
Lane Group Flow (vph)	393	0	196	0	246	786
Turn Type	Perm		NA		Prot	NA
Protected Phases			2		1	6
Permitted Phases	8					
Actuated Green, G (s)	12.9		9.5		5.1	19.1
Effective Green, g (s)	12.9		9.5		5.1	19.1
Actuated g/C Ratio	0.31		0.23		0.12	0.47
Clearance Time (s)	4.5		4.5		4.5	4.5
Vehicle Extension (s)	3.0		3.0		3.0	3.0
Lane Grp Cap (vph)	606		486		205	925
v/s Ratio Prot			0.09		c0.15	c0.40
v/s Ratio Perm	c0.20					
v/c Ratio	0.65		0.40		1.20	0.85
Uniform Delay, d1	12.1		13.3		17.9	9.7
Progression Factor	1.00		1.00		1.00	1.00
Incremental Delay, d2	2.4		0.5		127.3	7.4
Delay (s)	14.5		13.9		145.2	17.1
Level of Service	B		B		F	B
Approach Delay (s)	14.5		13.9			47.6
Approach LOS	B		B			D

Intersection Summary			
HCM 2000 Control Delay	34.7	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.90		
Actuated Cycle Length (s)	41.0	Sum of lost time (s)	13.5
Intersection Capacity Utilization	71.8%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	191	55	216	152	233	795
Future Volume (vph)	191	55	216	152	233	795
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width	12	10	16	12	10	12
Total Lost time (s)	4.0	4.0	4.5		3.5	4.5
Lane Util. Factor	1.00	1.00	1.00		1.00	1.00
Frt	1.00	0.85	0.94		1.00	1.00
Flt Protected	0.95	1.00	1.00		0.95	1.00
Satd. Flow (prot)	1770	1478	1993		1652	1863
Flt Permitted	0.95	1.00	1.00		0.95	1.00
Satd. Flow (perm)	1770	1478	1993		1652	1863
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	201	58	227	160	245	837
RTOR Reduction (vph)	0	49	20	0	0	0
Lane Group Flow (vph)	201	9	367	0	245	837
Turn Type	Prot	Prot	NA		Prot	NA
Protected Phases	3	3	2		1	6
Permitted Phases						
Actuated Green, G (s)	14.7	14.7	46.1		19.0	68.6
Effective Green, g (s)	14.7	14.7	46.1		19.0	68.6
Actuated g/C Ratio	0.16	0.16	0.50		0.21	0.75
Clearance Time (s)	4.0	4.0	4.5		3.5	4.5
Vehicle Extension (s)	2.0	2.0	2.5		3.5	4.0
Lane Grp Cap (vph)	283	236	1000		341	1392
v/s Ratio Prot	c0.11	0.01	0.18		c0.15	c0.45
v/s Ratio Perm						
v/c Ratio	0.71	0.04	0.37		0.72	0.60
Uniform Delay, d1	36.5	32.6	13.9		33.9	5.3
Progression Factor	1.00	1.00	1.00		1.00	1.00
Incremental Delay, d2	6.8	0.0	1.0		7.3	1.9
Delay (s)	43.3	32.6	15.0		41.2	7.3
Level of Service	D	C	B		D	A
Approach Delay (s)	40.9		15.0			14.9
Approach LOS	D		B			B

Intersection Summary			
HCM 2000 Control Delay	18.8	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.67		
Actuated Cycle Length (s)	91.8	Sum of lost time (s)	12.0
Intersection Capacity Utilization	59.5%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	288	74	190	27	118	29	210	100	26	35	350	582
Future Volume (vph)	288	74	190	27	118	29	210	100	26	35	350	582
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width	12	12	12	12	12	12	12	12	12	12	16	16
Total Lost time (s)	4.0	4.0			3.5		3.7	3.7		3.7	3.7	3.7
Lane Util. Factor	1.00	1.00			1.00		1.00	1.00		1.00	1.00	1.00
Frt	1.00	0.89			0.98		1.00	0.97		1.00	1.00	0.85
Flt Protected	0.95	1.00			0.99		0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	1770	1662			1806		1770	1806		1770	2111	1794
Flt Permitted	0.95	1.00			0.99		0.33	1.00		0.64	1.00	1.00
Satd. Flow (perm)	1770	1662			1806		620	1806		1198	2111	1794
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	303	78	200	28	124	31	221	105	27	37	368	613
RTOR Reduction (vph)	0	77	0	0	8	0	0	11	0	0	0	278
Lane Group Flow (vph)	303	201	0	0	175	0	221	121	0	37	368	335
Turn Type	Split	NA		Split	NA		Perm	NA		Perm	NA	Perm
Protected Phases	2	2		6	6			8			4	
Permitted Phases							8			4		4
Actuated Green, G (s)	40.6	40.6			14.0		34.2	34.2		34.2	34.2	34.2
Effective Green, g (s)	40.6	40.6			14.0		34.2	34.2		34.2	34.2	34.2
Actuated g/C Ratio	0.41	0.41			0.14		0.34	0.34		0.34	0.34	0.34
Clearance Time (s)	4.0	4.0			3.5		3.7	3.7		3.7	3.7	3.7
Vehicle Extension (s)	5.0	5.0			2.0		2.0	2.0		2.0	2.0	2.0
Lane Grp Cap (vph)	718	674			252		212	617		409	721	613
v/s Ratio Prot	c0.17	0.12			c0.10			0.07			0.17	
v/s Ratio Perm							c0.36			0.03		0.19
v/c Ratio	0.42	0.30			0.70		1.04	0.20		0.09	0.51	0.55
Uniform Delay, d1	21.3	20.1			41.0		32.9	23.2		22.3	26.2	26.6
Progression Factor	1.00	1.00			1.00		1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2	1.8	1.1			6.6		73.4	0.1		0.0	0.3	0.5
Delay (s)	23.1	21.2			47.5		106.3	23.3		22.4	26.5	27.2
Level of Service	C	C			D		F	C		C	C	C
Approach Delay (s)		22.2			47.5			75.2			26.7	
Approach LOS		C			D			E			C	

Intersection Summary			
HCM 2000 Control Delay	35.3	HCM 2000 Level of Service	D
HCM 2000 Volume to Capacity ratio	0.70		
Actuated Cycle Length (s)	100.0	Sum of lost time (s)	11.2
Intersection Capacity Utilization	68.8%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	0	0	0	0	722	0	0	453	0
Future Volume (vph)	0	0	0	0	0	0	0	722	0	0	453	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width	12	12	12	12	12	12	12	12	12	12	15	12
Total Lost time (s)								5.3			5.3	
Lane Util. Factor								0.95			1.00	
Frpb, ped/bikes								1.00			1.00	
Flpb, ped/bikes								1.00			1.00	
Frt								1.00			1.00	
Flt Protected								1.00			1.00	
Satd. Flow (prot)								3539			2049	
Flt Permitted								1.00			1.00	
Satd. Flow (perm)								3539			2049	
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	0	0	0	0	0	0	0	760	0	0	477	0
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Lane Group Flow (vph)	0	0	0	0	0	0	0	760	0	0	477	0
Confl. Peds. (#/hr)			94									
Turn Type								NA			NA	
Protected Phases								2			6	
Permitted Phases												
Actuated Green, G (s)								15.6			15.6	
Effective Green, g (s)								15.6			15.6	
Actuated g/C Ratio								0.58			0.58	
Clearance Time (s)								5.3			5.3	
Vehicle Extension (s)								4.0			4.0	
Lane Grp Cap (vph)								2052			1188	
v/s Ratio Prot								0.21			c0.23	
v/s Ratio Perm												
v/c Ratio								0.37			0.40	
Uniform Delay, d1								3.0			3.1	
Progression Factor								1.00			1.00	
Incremental Delay, d2								0.2			0.3	
Delay (s)								3.2			3.4	
Level of Service								A			A	
Approach Delay (s)		0.0			0.0			3.2			3.4	
Approach LOS		A			A			A			A	

Intersection Summary			
HCM 2000 Control Delay	3.3	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.36		
Actuated Cycle Length (s)	26.9	Sum of lost time (s)	9.3
Intersection Capacity Utilization	28.3%	ICU Level of Service	A
Analysis Period (min)	15		

c Critical Lane Group

Intersection	
Int Delay, s/veh	1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	25	22	33	695	425	25
Future Vol, veh/h	25	22	33	695	425	25
Conflicting Peds, #/hr	0	0	0	0	0	106
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	270	-	-	110
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	26	23	35	732	447	26

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1354	553	553	0	-	0
Stage 1	553	-	-	-	-	-
Stage 2	801	-	-	-	-	-
Critical Hdwy	7.12	6.22	4.12	-	-	-
Critical Hdwy Stg 1	6.12	-	-	-	-	-
Critical Hdwy Stg 2	6.12	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	127	533	1017	-	-	-
Stage 1	517	-	-	-	-	-
Stage 2	378	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	107	461	1017	-	-	-
Mov Cap-2 Maneuver	229	-	-	-	-	-
Stage 1	432	-	-	-	-	-
Stage 2	365	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	19.4	0.4	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1017	-	300	-	-
HCM Lane V/C Ratio	0.034	-	0.165	-	-
HCM Control Delay (s)	8.7	-	19.4	-	-
HCM Lane LOS	A	-	C	-	-
HCM 95th %tile Q(veh)	0.1	-	0.6	-	-

Intersection	
Int Delay, s/veh	0.8

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	9	24	59	728	436	13
Future Vol, veh/h	9	24	59	728	436	13
Conflicting Peds, #/hr	0	0	0	0	0	102
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	140	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	9	25	62	766	459	14

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1459	568	575	0	-	0
Stage 1	568	-	-	-	-	-
Stage 2	891	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	142	522	998	-	-	-
Stage 1	567	-	-	-	-	-
Stage 2	401	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	112	480	998	-	-	-
Mov Cap-2 Maneuver	238	-	-	-	-	-
Stage 1	521	-	-	-	-	-
Stage 2	346	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	15.5	0.7	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	998	-	376	-	-
HCM Lane V/C Ratio	0.062	-	0.092	-	-
HCM Control Delay (s)	8.8	-	15.5	-	-
HCM Lane LOS	A	-	C	-	-
HCM 95th %tile Q(veh)	0.2	-	0.3	-	-

Intersection	
Int Delay, s/veh	0.3

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	11	11	0	769	455	44
Future Vol, veh/h	11	11	0	769	455	44
Conflicting Peds, #/hr	0	0	0	0	0	74
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	-	190
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	12	12	0	809	479	46

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1362	553	-	0	-	0
Stage 1	553	-	-	-	-	-
Stage 2	809	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	-	-
Pot Cap-1 Maneuver	163	533	0	-	-	-
Stage 1	576	-	0	-	-	-
Stage 2	438	-	0	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	141	495	-	-	-	-
Mov Cap-2 Maneuver	274	-	-	-	-	-
Stage 1	535	-	-	-	-	-
Stage 2	407	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	15.6	0	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	-	274	495	-	-
HCM Lane V/C Ratio	-	0.042	0.023	-	-
HCM Control Delay (s)	-	18.7	12.4	-	-
HCM Lane LOS	-	C	B	-	-
HCM 95th %tile Q(veh)	-	0.1	0.1	-	-

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	395	136	630	767	173	284
Future Volume (veh/h)	395	136	630	767	173	284
Number	1	16	8	18	7	4
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		0.95	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1863	1863	1863	1863
Adj Flow Rate, veh/h	416	143	663	807	182	299
Adj No. of Lanes	2	1	2	1	1	2
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	974	448	1447	1064	216	2020
Arrive On Green	0.28	0.28	0.41	0.41	0.12	0.57
Sat Flow, veh/h	3442	1583	3632	1506	1774	3632
Grp Volume(v), veh/h	416	143	663	807	182	299
Grp Sat Flow(s),veh/h/ln	1721	1583	1770	1506	1774	1770
Q Serve(g_s), s	9.9	7.1	13.6	35.6	10.0	4.0
Cycle Q Clear(g_c), s	9.9	7.1	13.6	35.6	10.0	4.0
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	974	448	1447	1064	216	2020
V/C Ratio(X)	0.43	0.32	0.46	0.76	0.84	0.15
Avail Cap(c_a), veh/h	974	448	1458	1068	319	2237
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.99	0.99	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	29.2	28.3	21.5	10.2	43.0	10.1
Incr Delay (d2), s/veh	1.4	1.9	0.5	3.8	12.3	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.9	7.0	6.7	23.3	5.6	1.9
LnGrp Delay(d),s/veh	30.6	30.1	22.0	14.0	55.2	10.1
LnGrp LOS	C	C	C	B	E	B
Approach Vol, veh/h	559		1470			481
Approach Delay, s/veh	30.5		17.6			27.2
Approach LOS	C		B			C

Timer	1	2	3	4	5	6	7	8
Assigned Phs				4		6	7	8
Phs Duration (G+Y+Rc), s				61.6		32.3	16.2	45.4
Change Period (Y+Rc), s				4.5		4.0	4.0	4.5
Max Green Setting (Gmax), s				63.2		28.3	18.0	41.2
Max Q Clear Time (g_c+I1), s				6.0		11.9	12.0	37.6
Green Ext Time (p_c), s				32.7		4.0	0.2	3.3

Intersection Summary	
HCM 2010 Ctrl Delay	22.3
HCM 2010 LOS	C

Notes

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	111	197	422	24	215	219
Future Volume (vph)	111	197	422	24	215	219
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width	16	12	16	12	10	14
Total Lost time (s)	4.5		4.5		4.5	4.5
Lane Util. Factor	1.00		1.00		1.00	1.00
Frt	0.91		0.99		1.00	1.00
Flt Protected	0.98		1.00		0.95	1.00
Satd. Flow (prot)	1895		2096		1652	1987
Flt Permitted	0.98		1.00		0.95	1.00
Satd. Flow (perm)	1895		2096		1652	1987
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	117	207	444	25	226	231
RTOR Reduction (vph)	135	0	4	0	0	0
Lane Group Flow (vph)	189	0	465	0	226	231
Turn Type	Perm		NA		Prot	NA
Protected Phases			2		1	6
Permitted Phases	8					
Actuated Green, G (s)	9.3		14.0		5.1	23.6
Effective Green, g (s)	9.3		14.0		5.1	23.6
Actuated g/C Ratio	0.22		0.33		0.12	0.56
Clearance Time (s)	4.5		4.5		4.5	4.5
Vehicle Extension (s)	3.0		3.0		3.0	3.0
Lane Grp Cap (vph)	420		700		201	1119
v/s Ratio Prot			c0.22		c0.14	0.12
v/s Ratio Perm	c0.10					
v/c Ratio	0.45		0.66		1.12	0.21
Uniform Delay, d1	14.1		11.9		18.4	4.5
Progression Factor	1.00		1.00		1.00	1.00
Incremental Delay, d2	0.8		2.4		100.9	0.1
Delay (s)	14.9		14.3		119.3	4.6
Level of Service	B		B		F	A
Approach Delay (s)	14.9		14.3			61.3
Approach LOS	B		B			E

Intersection Summary			
HCM 2000 Control Delay	31.6	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.68		
Actuated Cycle Length (s)	41.9	Sum of lost time (s)	13.5
Intersection Capacity Utilization	65.1%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	173	118	463	276	100	265
Future Volume (vph)	173	118	463	276	100	265
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width	12	10	16	12	10	12
Total Lost time (s)	4.0	4.0	4.5		3.5	4.5
Lane Util. Factor	1.00	1.00	1.00		1.00	1.00
Frt	1.00	0.85	0.95		1.00	1.00
Flt Protected	0.95	1.00	1.00		0.95	1.00
Satd. Flow (prot)	1770	1478	2005		1652	1863
Flt Permitted	0.95	1.00	1.00		0.95	1.00
Satd. Flow (perm)	1770	1478	2005		1652	1863
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	182	124	487	291	105	279
RTOR Reduction (vph)	0	106	18	0	0	0
Lane Group Flow (vph)	182	18	760	0	105	279
Turn Type	Prot	Prot	NA		Prot	NA
Protected Phases	3	3	2		1	6
Permitted Phases						
Actuated Green, G (s)	13.8	13.8	59.8		9.6	72.9
Effective Green, g (s)	13.8	13.8	59.8		9.6	72.9
Actuated g/C Ratio	0.14	0.14	0.63		0.10	0.77
Clearance Time (s)	4.0	4.0	4.5		3.5	4.5
Vehicle Extension (s)	2.0	2.0	2.5		3.5	4.0
Lane Grp Cap (vph)	256	214	1259		166	1426
v/s Ratio Prot	c0.10	0.01	c0.38		c0.06	0.15
v/s Ratio Perm						
v/c Ratio	0.71	0.08	0.60		0.63	0.20
Uniform Delay, d1	38.8	35.2	10.6		41.1	3.1
Progression Factor	1.00	1.00	1.00		1.00	1.00
Incremental Delay, d2	7.5	0.1	2.2		8.0	0.3
Delay (s)	46.3	35.3	12.8		49.1	3.4
Level of Service	D	D	B		D	A
Approach Delay (s)	41.8		12.8			15.9
Approach LOS	D		B			B

Intersection Summary			
HCM 2000 Control Delay	19.6	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.62		
Actuated Cycle Length (s)	95.2	Sum of lost time (s)	12.0
Intersection Capacity Utilization	66.7%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	601	130	140	16	61	29	108	130	16	21	98	341
Future Volume (vph)	601	130	140	16	61	29	108	130	16	21	98	341
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width	12	12	12	12	12	12	12	12	12	12	16	16
Total Lost time (s)	4.0	4.0			3.5		3.7	3.7		3.7	3.7	3.7
Lane Util. Factor	1.00	1.00			1.00		1.00	1.00		1.00	1.00	1.00
Frt	1.00	0.92			0.96		1.00	0.98		1.00	1.00	0.85
Flt Protected	0.95	1.00			0.99		0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	1770	1718			1780		1770	1832		1770	2111	1794
Flt Permitted	0.95	1.00			0.99		0.61	1.00		0.45	1.00	1.00
Satd. Flow (perm)	1770	1718			1780		1143	1832		840	2111	1794
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	633	137	147	17	64	31	114	137	17	22	103	359
RTOR Reduction (vph)	0	27	0	0	15	0	0	5	0	0	0	309
Lane Group Flow (vph)	633	257	0	0	97	0	114	149	0	22	103	50
Turn Type	Split	NA		Split	NA		Perm	NA		Perm	NA	Perm
Protected Phases	2	2		6	6			8			4	
Permitted Phases							8			4		4
Actuated Green, G (s)	65.1	65.1			9.9		13.8	13.8		13.8	13.8	13.8
Effective Green, g (s)	65.1	65.1			9.9		13.8	13.8		13.8	13.8	13.8
Actuated g/C Ratio	0.65	0.65			0.10		0.14	0.14		0.14	0.14	0.14
Clearance Time (s)	4.0	4.0			3.5		3.7	3.7		3.7	3.7	3.7
Vehicle Extension (s)	5.0	5.0			2.0		2.0	2.0		2.0	2.0	2.0
Lane Grp Cap (vph)	1152	1118			176		157	252		115	291	247
v/s Ratio Prot	c0.36	0.15			c0.05			0.08			0.05	
v/s Ratio Perm							c0.10			0.03		0.03
v/c Ratio	0.55	0.23			0.55		0.73	0.59		0.19	0.35	0.20
Uniform Delay, d1	9.5	7.2			42.9		41.3	40.4		38.2	39.1	38.2
Progression Factor	1.00	1.00			1.00		1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2	1.9	0.5			1.9		13.2	2.5		0.3	0.3	0.1
Delay (s)	11.4	7.6			44.8		54.5	42.9		38.5	39.3	38.4
Level of Service	B	A			D		D	D		D	D	D
Approach Delay (s)		10.2			44.8			47.8			38.6	
Approach LOS		B			D			D			D	

Intersection Summary			
HCM 2000 Control Delay	25.8	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.58		
Actuated Cycle Length (s)	100.0	Sum of lost time (s)	11.2
Intersection Capacity Utilization	62.8%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

American Legion
San Dieguito Post 416
210 West F Street
Encinitas, CA 92024-3525

Dear California Coastal Commissioners and Staff,

It is clear to everyone that it's time to move forward with the Cardiff portion of the Coastal Rail Trail on the Highway 101 alignment. The location of the trail in Cardiff (along the Hwy. 101 coastal bluffs vs. east of the railroad tracks) has been a contentious issue for over 10 years and has prevented important bike safety and coastal access improvements for the many visitors and residents who bike, walk, and run along the coastal bluffs.

After years of study, hearings, and consensus, building the Encinitas City Council selected Highway 101 as the best alternative for the Coastal Rail Trail for Cardiff. The City's decision unquestionably reflects the consensus of local residents and civic groups in the community.

The City recognizes that the coastal environment is a critical part of Encinitas' history, identity, and economy. The Highway 101 alignment was selected because it will help protect the Coastal environment by:

- Enhancing coastal access
- Improving bike and pedestrian safety for thousands along the coastal bluff
- Preserving coastal open space
- Protecting native plants and coastal environment
- Protecting coastal sandstone bluffs

If the region misses this opportunity to construct the Coastal Rail Trail on Highway 101 through Cardiff with it's many important benefits to the environment and community, it is unclear when the funding, consensus, and political will can be found again for the project. Now is the time to move the project forward.

We sincerely hope the Coastal Commission will join the Encinitas City Council, civic organizations, and residents in approving the Highway 101 alignment for the Coastal Rail Trail though Cardiff. Thank you for your consideration.

Steven Lewandowski
Commander
Encinitas American Legion Post 416

Phone: (760) 753-5674 Web Site: www.CALegionPost416.Org

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California State Senate

SENATOR
PATRICIA C. BATES
THIRTY-SIXTH SENATE DISTRICT

COMMITTEES
APPROPRIATIONS
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TRANSPORTATION AND HOUSING
JOINT LEGISLATIVE BUDGET
JOINT LEGISLATIVE COMMITTEE ON EMERGENCY MANAGEMENT
LEGISLATIVE ETHICS

May 8, 2017

California Coastal Commission
7575 Metropolitan Drive #103
San Diego, California 92108

Dear Commission Members,

The rail and Highway 101 corridor is a critical aspect to the City of Encinitas' history, economy, and civic identity. The location of the Coastal Rail Trail in Cardiff (along the Highway 101 coastal bluffs versus east of the railroad tracks) has been met with resistance for over 10 years during its development which has prevented important coastal access, bicycle, and pedestrian safety improvements for the many visitors and residents who use the coastal bluffs daily. It is time to move forward with these critical improvements so long as they adhere to the principles of accessibility, beautification, and safety.

After years of discussions with residents, visitors, elected officials and other important stakeholders, the Encinitas City Council selected Highway 101 as the best choice for the Coastal Rail Trail for Cardiff. The City's decision best reflects the consensus of local residents and civic groups within our community.

The decision of the City Council best recognizes the coastal environment as part of Encinitas' history, identity, and economy. The Highway 101 alignment will protect the Coastal environment by:

- Preserving healthy coastal open space,
- Improving bike and pedestrian safety,
- Enhancing safe coastal access for residents and visitors,
- Protecting native plants and coastal animals, and
- Protecting coastal sandstone bluffs from further erosion.

This project should not be delayed further. The Coastal Rail Trail on Highway 101 through Cardiff will create multiple benefits for the environment and community. It is my hope that the Coastal Commission will join the Encinitas City Council, civic organizations, and residents in approving the Highway 101 alignment for the Coastal Rail Trail though Cardiff.

Sincerely,

PATRICIA C. BATES
Senator, 36th District

CC: Gabe Buhr, Coastal Program Manager, California Coastal Commission

State of California • Natural Resources Agency
Edmund G. Brown Jr., *Governor*
DEPARTMENT OF PARKS AND RECREATION
Lisa Ann L. Mangat, *Director*
San Diego Coast District
4477 Pacific Highway
San Diego, CA 92110

5/3/2017

California Coastal Commission
San Diego District Office
7575 Metropolitan Drive, #103
San Diego, CA 92108

Honorable Coastal Commissioners:

Your vote on Pending Permit No. NOID-0001-17, Coastal Rail Trail, is an important action that will affect both the Cardiff State Beach and San Elijo State Beach Campground visitors, day-use visitors and local residents. We support the proposed improvements on Highway 101 (West-side Alignment) and support approval of the Permit.

The proposed Highway 101 improvements will add much needed safety, accessibility, and amenities for the many California residents and visitors to our state beaches and coastal campgrounds. Highway 101 is the link for our campground visitors to walk and bike to downtown Encinitas and Solana Beach as well as other regional destinations in the coastal corridor. It is important to recognize that the Highway 101 alignment is the only alternative that directly aligns with the regional coastal trail to the north and south of San Elijo State Beach.

The existing path along the west side of Highway 101 is used weekly by thousands of residents and visitors to access the ocean. The path is heavily used for biking, walking, running, watching sunsets, and sightseeing. This open stretch of coastal bluff is one of the most desirable recreational beach areas in the region.

Part of the California State Parks mission is to create opportunities of high-quality outdoor recreation. If this project is approved it will help improve safe public access to our State Beaches and provide for recreation alternatives.

Thank you for your consideration to approve this project. We support the construction of the project and we will work with SANDAG to ensure that the design improves public coastal access and is integrated with our park entrances.

Regards,

Lisa Urbach
Acting North Sector Superintendent

cc: Robin Greene, District Superintendent
Darren Smith, District Services Manger

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California Legislature

Colonel Rocky J. Chávez
Assemblymember, 76th District

Committees
Veterans Affairs, Vice Chair
Education, Vice Chair
Budget
Budget Sub #2 – Education Finance
Higher Education
Utilities and Energy

May 4, 2017

California Coastal Commissioner
7575 Metropolitan Drive #103
San Diego, CA 92108

Re: Coastal Rail Trail in Cardiff by the Sea and Encinitas

Dear California Coastal Commissioner:

It is clear to everyone that it's time to move forward with the Cardiff portion of the Coastal Rail Trail on the Highway 101 alignment. The location of the trail in Cardiff (along the Hwy. 101 coastal bluffs vs. east of the railroad tracks) has been a contentious issue for over 10 years and has prevented important bike safety and coastal access improvements for the many visitors and residents who bike, walk, and run along the coastal bluffs.

After years of study, hearings, and consensus, building the Encinitas City Council selected Highway 101 as the best alternative for the Coastal Rail Trail for Cardiff. The City's decision unquestionably reflects the consensus of local residents and civic groups in the community.

The City recognizes that the coastal environment is a critical part of Encinitas' history, identity, and economy. The Highway 101 alignment was selected because it will help protect the Coastal environment by:

- Enhancing coastal access
- Improving bike and pedestrian safety for thousands along the coastal bluff
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- Protecting native plants and coastal environment
- Protecting coastal sandstone bluffs

If the region misses this opportunity to construct the Coastal Rail Trail on Highway 101 through Cardiff with its many important benefits to the environment and community, it is unclear when the funding, consensus, and political will can be found again for the project. Now is the time to move the project forward.

We sincerely hope the Coastal Commission will join the Encinitas City Council, civic organizations, and residents in approving the Highway 101 alignment for the Coastal Rail Trail though Cardiff.

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California Legislature

Colonel Rocky J. Chávez
Assemblymember, 76th District

Committees
Veterans Affairs, Vice Chair
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Budget
Budget Sub #2 – Education Finance
Higher Education
Utilities and Energy

Sincerely,

Colonel Rocky J. Chávez
Assemblymember, 76th District

CC: Gabe Buhr, Coastal Program Manager,
California Coastal Commission

BIKE COALITION
SAN DIEGO COUNTY

May 3, 2017

Honorable Commissioners
California Coastal Commission
45 Fremont St. #2000
San Francisco, CA 94105

RE: Support for Coastal Rail Trail West Side Alignment – Agenda Item 18A

Dear Honorable Commissioners:

On behalf of the San Diego County Bicycle Coalition, I am writing to support staff recommended actions to move forward with safety improvements along North Coast Highway 101 in Encinitas. The project will create a safer, more comfortable experience for all road users by clearly demarcating protected pedestrian and bicycle lanes. This project is essential to ensure a continuous bike route that runs nearly 44 miles from the Santa Fe Depot in Downtown San Diego, up to Oceanside. Lastly, this type of environmentally-sustainable project supports the California Coastal Commission's mission to protect and enhance California's coast and ocean by helping to reduce CO2 emissions.

We hope that once approved, the project will move forward quickly in order to provide these improvements that will lead to safer mobility conditions for all road users, and support a more active and healthy Encinitas community. Thank you for your continued efforts to improve active transportation and safer streets throughout the region.

Sincerely,

Andy Hanshaw

Andy Hanshaw

Executive Director

May 3, 2017

Honorable Commissioners
California Coastal Commission
45 Fremont Street, #2000
San Francisco, CA 94105

Subject: May 11, 2017 Agenda Item 18(a) – Encinitas Coastal Rail Trail

Dear Honorable Commissioners:

BikeWalk Encinitas works to enhance the walking and biking environment throughout Encinitas. Our vision is for walking and biking to serve as a safe, convenient, healthy, and fun mode of transportation in our wonderful City. We have been engaged in Coastal Rail Trail discussions with City staff, City Council, SANDAG, and local residents over the past several years, and are aware of the issues surrounding the project. BikeWalk Encinitas will always support projects that are consistent with our mission and vision – we have no vested interest beyond that, political or otherwise. We understand the concerns raised by Coastal Commission staff, but politely disagree with the conclusion in their staff report. We hope that you, as Coastal Commissioners, can focus on the physical benefits of the Coast Highway 101 alignment (Coast Highway alignment) and see through the politics surrounding this project.

Our City Council, SANDAG, and BikeWalk Encinitas all support the Coast Highway alignment. Please keep that in mind as you make decisions that affect our community. Coast Highway is the most widely use pedestrian and bicycle route in San Diego County, but lacks sufficient pedestrian and bicycle facilities along certain segments (this being one of them). This project would introduce a new Class 1 bicycle facility, an enhanced pedestrian pathway, a new Class 2 bike lane southbound, and bike lane buffers where none exist today. We struggle to understand how this does not satisfy the requirements of the Public Works Plan.

Furthmore, the Coast Highway alignment provides for the ability to construct a continuous Coastal Rail Trail through Encinitas. South of Chesterfield (the southern extent of this project), the Coastal Rail Trail will be located on Coast Highway, because the Public Works Plan did not accommodate a Coastal Rail Trail through the San Elijo Lagoon. South of that, in Solana Beach, the Coastal Rail Trail is west of the tracks as well, along Coast Highway. Bicycle and pedestrian facilities are most widely used when they are continuous and uninterrupted. If the alignment east of the tracks is chosen, there is a fear that the Coastal Rail Trail could potentially jog from one side of the tracks to the other, depending on the individual design constraints that are encountered along the other segments of the Coastal Rail Trail through Encinitas (39A, 39B, and 39D). In that case, the Coastal Rail Trail would not be uninterrupted. If you want bicyclists and pedestrians to use this facility and enjoy our beautiful coast, you must consider these design considerations.

It is also worth mentioning that the Coastal Rail Trail is a regional project, not a Cardiff project. Unfortunately, because the Coastal Rail Trail is planned in segments, the project before you today "feels" like a Cardiff project and has been treated like a Cardiff project. You will likely hear from several Cardiff residents advocating for the alignment east of the tracks. That alignment is not serving the interests of the greater region; rather, it is serving the interests of a select few Cardiff residents, which is why they are advocating for it. Please keep in mind the scope and objectives of the greater Coastal Rail Trail – and the future users of the Coastal Rail Trail – as you make decisions on individual segments such as this one.

To summarize, the Coastal Rail Trail is most effective if the individual segments connect in a cohesive manner, and the alignment that accomplishes that is the Coast Highway alignment. As always, we thank you for the opportunity to comment on this project. As a bicycle/pedestrian advocacy group, we are obviously very happy to see these types of projects being planned, funded, and ultimately constructed. Our intent in writing this letter is to improve upon the planning process for these projects, and ultimately improve their overall design.

Sincerely,

Brian Grover
Chair, BikeWalk Encinitas

As of 5/8/17, the Commission has received approximately 100 form e-mails identical or nearly identical to the subject one

CoastalNCCPWP

From: Kimberly Alkhas <alkhas@me.com>
Sent: Sunday, April 30, 2017 9:46 PM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Subject: Preserve Cardiff Rail Corridor Vote YES on #18a

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Commissioner,

I urge you to vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

Coast Highway 101 needs the improvements and the alternative would be to pave over our open space in the Cardiff Rail Corridor which would block our beach access and remove over 100 free parking spaces that the public currently uses for beach access and sunset viewing. Also at risk in the corridor are native plants, sandstone bluffs, wildflowers, a meandering path, and homes to a countless variety of wildlife.

Sincerely,
Kimberly Alkhas
1455 San Elijo Ave
Cardiff by the Sea, CA 920078

Sent from my iPad

CoastalNCCPWP

From: Coastal Rail Trail <coastalrailtrail@gmail.com>
Sent: Wednesday, May 03, 2017 10:02 AM
To: Cox, Greg@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Cc: Buhr, Gabriel@Coastal; CoastalNCCPWP
Subject: SANDAG NOID - Incorrect interpretations of the PWP

Dear Coastal Commissioners and Mr. Gabe Buhr,

The primary issue raised by Coastal Commission staff (staff) with the upcoming agenda item #18a (SANDAG NOID - Encinitas Coastal Rail Trail on Highway 101) is a concern that the alignment may be inconsistent with the NCC PWP/TREP (PWP). A closer look indicates that staff's findings are subjective, factually unsupported, and contrary to the findings of the agencies responsible for creating the PWP. SANDAG and Caltrans, who are responsible for preparing the PWP, and are by logic and definition the best qualified to interpret the document, both support the SANDAG NOID's application to place the Encinitas Rail Trail along Highway 101. Yet, staff insists on their own subjective interpretation and somehow assumes to know more about the intent and interpretation of the plan than those who actually wrote it.

The Highway 101 alignment is 'immediately adjacent' to the railroad right of way making it by definition consistent with the PWP

The PWP indicates that the rail trail should be located within or 'immediately adjacent' to the railroad right of way. Looking at a cross section of the project from east to west, there is the RR ROW, then directly abutting the ROW is the proposed Cardiff Highway 101 northbound bike lanes, then project improvements on 2 lanes of Highway 101 which will be reconfigured with new restriping and barriers for bike and pedestrian safety, then the southbound bike lanes and the class 1 multi-use trail. North of the day use parking for the San Elijo State Beach the multi-use trail ends at the edge of the bluff overlooking the Pacific Ocean. South of the day use parking the multi-use trail ends at the State Park property line and includes street parking. As described a substantial part of the trail project (northbound bike lanes) is contiguous (touches) with the RR ROW and the remainder of the project continues westward from the bike lanes for approximately 20-25 feet. Most people would readily agree that the Cardiff Coast Highway project is 'immediately adjacent' to the RR ROW.

It is unclear how Commission staff defines ‘immediately adjacent”. The term is not discussed in the PWP, nor is it a term of art in planning. (We do know, however, that the agencies responsible for the PWP have not disputed that Coast Highway 101 is immediately adjacent to the RR ROW.) In the absence of a definition in the PWP, administrative/regulatory law typically looks to how a term is commonly understood in its everyday usage.

People most commonly understand the term to mean something ‘close by’ or ‘nearby’ not necessary touching or abutting, but in close proximity. By this common definition most people when asked would say that the Encinitas Highway 101 alignment is “immediately adjacent” to the RR ROW. It is safe to say that the PWP does not require that the rail trail abut or touch the RR ROW,because otherwise we would expect to a term such as adjoining or contiguous would have been used. Although it is important to note that a significant portion of the Highway 101 improvements does abut the RR ROW.

The PWP allows projects to be up to 150 feet from the RR ROW to deal with environmental, safety, or physical constraints

The Rail Trail Highway 101 alignment is unquestionably within 150 feet of the RR ROW. The City of Encinitas, Cardiff community, and local advocacy groups feel strongly that environmental constraints, including destruction of coastal natural habitat, loss of coastal open space, destruction of threatened coastal plants, community opposition, loss of coastal access, and loss of coastal parking, preclude using the RR ROW east alignment.

Coastal staff is curiously dismissive of concerns for the coastal environment, which is inexplicable for an organization dedicated to preserving our coast. In the eyes of the community there is simply no justification for the east alignment when Coast Highway 101 will attract more users, protect the environment, preserve open space, protect threatened plant and wildlife species, enhance coastal access, preserve beach parking, and save taxpayer funds. The fact that the east alignment will pave over several acres of coastal habitat and open space when it is totally unnecessary does not seem to concern staff. Also, the City of Encinitas and the Cardiff community have repeatedly and adamantly stated that the east RR ROW alignment is incompatible with the community’s character and environmental ethic.

The east side alignment's significant negative impacts on the coastal environment are the type of environmental constraint for which the flexibility of moving 150 feet outside of the RR ROW PWP was included. These significant environmental impacts are a real constraint and can and should be avoided. All environmental laws have the same object; identify the impacts of all alternatives and select the alternative that has the least impact on the environment that can still meet the needs of the project.

Commission staff argues that because SANDAG got to 60% drawings for the east alignment that demonstrates that the project is feasible. This lacks common sense. Getting to 60% design proves no more than that the designer is capable. That something can be designed doesn't mean that the project has the least or even acceptable environmental impact; that it is acceptable to the community, or that it should be built when an obviously better alternative is available.

Exhibits included in the PWP are generic representations of the Cardiff Rail Trail that are not intended to dictate the final location for the trail

Staff argues that the diagrammatic rendering of the Cardiff rail trail in the PWP requires that the trail be located on the east side. This is nonsensical. The drawings were prepared early in the process before the community had a chance to thoroughly vet the project. It is misleading to suggest that the drawings were anything other than a preliminary potential layout to be studied with other alternatives. In fact, after community input SANDAG subsequently recommended the west side Highway 101 alignment as a suitable desirable placement for the rail trail.

The PWP does not require the Highway 101 Coastal Rail Trail to be a <u>new</u> transportation project

Staff argues that the Coast Highway 101 alignment is not allowed under the PWP because a partial bike path and walkway currently exists on the road, and the PWP requires all rail trail segments to be <u>new</u> projects. Unfortunately staff provides no reference in the PWP that states that the Cardiff segment of the Coastal Rail Trail must be a 'new' facility. The only reference using the term is a general description of the

improvements which indicates that the PWP will “Add over 28 miles of new bicycle and pedestrian facilities.” It is clear that the PWP is not stating a requirement in this general description of what is planned under the PWP. It is a logical misstep.

The term ‘new’ is not defined in the PWP. Most people would agree that when something is substantially reconfigured, upgraded, and a missing section added that it can be considered ‘new’, which is essentially what would occur with the Highway 101 project As an analogy, a bridge that is replaced with a new structure is usually called a ‘new’ bridge.

The project will not adversely impact traffic on Coast Highway or reduce coastal access

Commission staff is concerned that reducing Coast Highway 101 from 4 to 2 lanes between Chesterfield Ave. and the San Elijo State Park day use entrance will adversely impact traffic. For some reason staff is pointedly ignoring the SANDAG traffic study conclusion that with implementation of the project Highway 101 will continue to operate at acceptable levels of service through at least 2035. Staff chooses to quibble with the details of the traffic study, but it is evident that traffic will not be adversely affected by the rail trail on Highway 101.

Note that 54% of the length of this segment of Highway 101 is already reduced down to 2 lanes. This existing two lane section establishes the throughput capacity for the roadway regardless of the number of lanes connecting into it. Four lanes narrowing to two will not carry more traffic than two lanes across its entire length.

In conclusion, the Staff report for the SANDAG NOID, Item #18a, is quite flawed. I urge you to look deep into our findings provided here and realize there may be other problems with the report that we have not yet found.

Sincerely,

Preserve Cardiff Rail Corridor

Joe Alkhas
1455 San Elijo Ave
Cardiff, CA 92007

Paul Gaspar
748 Lynwood Dr

Encinitas, CA 92024

Rich Kelso
1613 San Elijo Ave
Cardiff, CA 92007

Bill Lawson

2129 Sea Village Circle

Cardiff, CA 92007

Rich Risner
1574 Rubenstein Ave
Cardiff, CA 92007

Chris Swanner
1659 San Elijo Ave.
Cardiff, CA 92007

Ed Thielicke
1615 San Elijo Ave
Cardiff, CA 92007

Julie Thunder
1805 Westminster Dr.
Cardiff, CA 92007

Sean Wright
1657 Verdi Ave
Cardiff, CA 92007

CoastalNCCPWP

From: Coastal Rail Trail <coastalrailtrail@gmail.com>
Sent: Monday, May 08, 2017 7:18 AM
To: Cox, Greg@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Cc: Buhr, Gabriel@Coastal; CoastalNCCPWP
Subject: Cardiff Rail Trail FAQ's

cc: Gabe Buhr, nccpwp@coastal.ca.gov

re: NCC NOID Cardiff Coastal Rail Trail, Item Th18a

Dear Coastal Commissioner,

FREQUENTLY ASKED QUESTIONS - CARDIFF RAIL TRAIL

Q. What is the Cardiff portion of the Coastal Rail Trail?

The Coastal Rail Trail is a planned continuous regional 44 mile multi-use pedestrian path and bikeway connecting the Cities of Oceanside, Carlsbad, Encinitas, Solana Beach, Del Mar, and San Diego. The Cardiff segment, located in the City of Encinitas, is the portion through the Cardiff community between Santa Fe Dr. and Chesterfield (approximately 1.2 miles).

Q. Why are there two alignments (Coast Highway 101 vs. east railroad right of way) for the Cardiff portion of the Coastal Rail Trail?

There is a 10 plus years frustrating history of ignoring the clear choice of the Cardiff community for the Coast Highway 101 alignment. Twice, first in 2006 and most recently in 2016, the community organized to make it clear that only the Coast Highway 101 alignment would be acceptable through Cardiff. In March 2016 the Encinitas City Council settled the issue for good by rejecting the east railroad alternative and adopting the Coast Highway 101 alignment for the Cardiff Rail Trail. As evidence of it's commitment, the City entered into an agreement with the San Diego Association of Governments (8/24/16) to support all future actions leading to final approval of the project by the Coastal Commission.

Q. Who supports construction of the Coastal Rail Trail on Coast Highway 101?

Encinitas City Council **-** approved 3/30/16 (4-1 vote) the Coast Highway 101 alignment.
San Diego Association of Governments (SANDAG) - approved MOU with Encinitas to construct the Rail Trail on Coast Highway 101.
Assemblyman Rocky Chavez - California's 76th District
Bike/Walk Encinitas - largest local advocacy group for safer bike and pedestrian paths in the City of Encinitas endorses Highway 101 alignment to make biking safer along the coast..
Preserve Cardiff Rail Corridor - local Cardiff residents group supporting preservation of open space environment along rail corridor to save threatened coastal plants, sandstone bluffs, and coastal natural environment, and to provide a wildlife corridor between San Elijo and Batiquitos Lagoons.

Supervisor Kristin Gaspar - current County Supervisor for coastal area including City of Encinitas. Supervisor Gaspar has always supported the Cardiff community's choice of the Coast Highway 101 alignment.
San Elijo California State Park Management - management team of San Elijo State Park located on Highway 101 supports increased coastal access to the State Park.

Q. Why is it important for the Rail Trail to be located on Coast Highway 101?

Coastal Accessibility:

- Adds new bike lanes for improved coastal mobility
- Widens and improves bluff protection for coastal visitors on the walking path
- Preserves limited beach parking for accessibility
- Allows additional amenities for coastal visitors on the walking path
- Aligns with rail trail through City of Solana Beach for contiguous path

Environmental:

- Coast Highway 101 preserves open space, natural area along the railroad tracks
- Protects threatened plant species in rail corridor
- Provides potential wildlife (birds, reptiles, butterflies, insects) corridor between coastal lagoons
- Protects sandstone bluffs along rail corridor

Safety:

- Improves safety for bike riders on Highway 101
- Improves safety for pedestrians along coastal bluffs

Cost:

- Highway 101 is substantially cheaper to construct
- Allows improvements to be build within existing budget
- Avoids loss of $1 million State grant

Community Support:

- Highway 101 has overwhelming support of residents and bike advocacy group

California Coastal Trail:

- Highway 101 adds an important segment to the California Coastal Trail

Q. Why do some residents support the east railroad alignment?

Some residents support the east alignment as a way to improve biking and walking on San Elijo Ave. Advocates for Coast Highway 101, including the City of Encinitas, recognize the need for some additional local bike and pedestrian

improvements on San Elijo Ave., separate from and complementary to the regional Rail Trail improvements on Coast Highway 101. In fact, the City is addressing these concerns for local access by hiring a consultant to prepare design concepts for improvements to San Elijo Ave. east of the railroad tracks.

Q. Is the Highway 101 alignment consistent with the North Coast Corridor Public Works Plan/Transportation and Resource Enhancement Program (PWP)?

Yes. Absolutely. The two regional agencies responsible for creating the PWP, SANDAG and Caltrans, find the Coast Highway 101 alignment to be consistent with the PWP.
The PWP states that the intent of the plan is for the Coastal Rail Trail to be located "within or immediately adjacent" to the rail right of way. The Coast Highway 101 alignment literally touches the rail right of way, so by definition is immediately adjacent.
Further, the March 2016 amendment of the PWP included language that allows the rail trail to be located up to 150 feet from the rail right of way where there are environmental, safety, or physical constraints. The City of Encinitas and SANDAG find that the destruction of native sensitive and threatened plant species that would occur if the trail were located in the rail right of way constitutes an environmental constraint within the March 2016 PWP amendment.
In addition, the rail trail is located on Coast Highway 101 in various sections of the Cities of Del Mar, Solana Beach, Carlsbad and Oceanside. It's difficult to explain why, if Coast Highway is acceptable in so many areas along the coast, it would not be equally acceptable through Cardiff.

Q. What are the potential consequences of not approving Coast Highway 101?

Based on the history of the project, it will again stop and nothing will be done for 5 to 10 years. In the meantime coastal access will not be improved and the thousands of current riders and pedestrians will not have the safer facilities they need.
The region and the City of Encinitas will have spent $500K or more with no results and the region will lose $1 million in State grants.

Preserve Cardiff Rail Corridor

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Cardiff, CA 92007

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Encinitas, CA 92024

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Cardiff, CA 92007

Sean Wright
1657 Verdi Ave
Cardiff, CA 92007

CoastalNCCPWP

From: Coastal Rail Trail <coastalrailtrail@gmail.com>
Sent: Friday, May 05, 2017 5:52 AM
To: Cox, Greg@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Cc: Buhr, Gabriel@Coastal; CoastalNCCPWP
Subject: Item #18a - No Rail Trail Membership
Attachments: Item 18A NoRailTrail Membership.pdf

(cc: Gabe Buhr, NCCPWP)

Dear Coastal Commissioner,

Please take a moment to peruse our extensive Members list (attached). The Coastal Commission received 1,418 emailed letters (sample attached) from each of these members between the months of November 2015 and April 2016. Unfortunately, the recently released report from CCC staff could not list over 1400 letters, so it summarized them into a single letter with a single statement pointing out that many of the same had been received.

All of our members signed up by visiting our NoRailTrail.com website and 'opting in' to send a letter on their behalf to (1) the Encinitas City Council, (2) SANDAG, (3) NCTD, and (4) California Coastal Commission ex Parte members. This campaign was the single biggest public outcry the City of Encinitas has ever seen since it's incorporation in 1986. Also, this was the largest email campaign SANDAG has ever received over a single project in such a short time.

We think it's valuable for you, the Commissioner, to appreciate how many people love the open space in our rail corridor and value their beach access, which would both be taken away with the building of the east side rail trail alignment.

1,418 residents ask you to vote yes on the upcoming agenda Item #18a, SANDAG NOID to put the Rail Trail on Coast Highway 101 through Cardiff.

Note to Mr. Gabe Buhr: Please add attached document to the NCCPWP record.

Sincerely,

Preserve Cardiff Rail Corridor (formerly NoRailTrail.com)

Joe Alkhas
1455 San Elijo Ave
Cardiff, CA 92007

Paul Gaspar
748 Lynwood Dr

Encinitas, CA 92024

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Preserve Cardiff Rail Corridor List of 1,418 Members

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All of our members signed up by visiting our NoRailTrail.com website and 'opting in' to send a letter on their behalf to (1) the Encinitas City Council, (2) SANDAG, (3) NCTD, and (4) California Coastal Commission ex Parte members. This campaign was the single biggest public outcry the City of Encinitas has ever seen since it's incorporation in 1986. Also, this was the largest email campaign SANDAG has ever received over a single project in such a short time.

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1,418 residents ask you to vote yes on the upcoming agenda
Item #18a, SANDAG NOID to put the Rail Trail on Coast Highway 101 through Cardiff.

Preserve Cardiff Rail Corridor

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Cardiff, CA 92007

Keep It Natural
PRESERVE
CARDIFF
RAIL CORRIDOR
33.0208° N, 117.2789° W

<Sample Letter sent from NoRailTrail.com>

From: <Member Name>
Sent: Tuesday, November 10, 2015
To: CoastalNCCPWP
Subject: Cardiff Rail Trail

Dear Coastal Commissioner:

I'm a resident in the Encinitas area of San Diego County, and I write to request that the California Coastal Commission to deny approval to the City of Encinitas, SANDAG, CalTrans, NCTD and any other involved governmental agency in their effort to implement the Encinitas portion of the Coastal Rail Trail, which is incorporated as a project within the Interstate 5 North Coast Corridor Public Works Plan/Transportation and Resource Enhancement Program ("PWP/TREP"). Although the California Coastal Commission ("CCC") already approved the framework of the PWP/TREP in 2014, implementation of this large scale project is subject to CCC oversight and incremental, phased approval, and thus the Coastal Rail Trail is still under the regulatory oversight of the CCC. I stand with fellow neighbors and residents, as well as those who visit our exceptional city, to stop any implementation of the Coastal Rail Trail before it negatively and irreparably damages the integrity and utility of our coastal environment.

The residents of Encinitas and Cardiff by the Sea appreciate an outdoor lifestyle in a delicate coastal zone prone to adverse development and exploitation, acts that prompted the creation of the California Coastal Act and the CCC. We feel that we are highly involved stewards of the environment because of our intimate connection with the ocean and the fact that we are so directly impacted by its neglect. Likewise, as reasonable contributors to our society, we support safe, clean transportation options that enrich our lives through enabled mobility, be it automobile, bicycle, walking or other multi-modal methods. In fact, any resident of this coastal area who opts to utilize non-vehicular modes of transportation along the San Elijo and Vulcan Avenue Rail Corridor do so frequently, regularly and safely (based on nearly zero traffic/pedestrian/bicyclist related incidents along the corridor in any period), and nearly all do so satisfied with the street and shoulder infrastructure presently in place.

The vision of the CRT in meeting the multi-modal ambitions of the PWP/TREP do not, therefore, accrue to the benefit of the public, as advertised by our local political leaders, but more accurately accrue to the ambitions of individuals seeking permanent monuments, legacies, pet projects and career springboards. In and of itself, this politicized ambition is a bad recipe for policy, but the CRT has numerous counterproductive effects that will adversely impact the lives of coastal residents and visitors, and it is up to the CCC to protect against these coastal impacts. The vision of the City Council and SANDAG of the Coastal Rail Trail on this delicate corridor represents a threat to the natural beauty and character of Encinitas and Cardiff and will significantly and negatively impact the lives of local residents while advancing the interests of a very limited few. Among my and my community's objections to the Coastal Rail Trail are the following:

- The Coastal Rail Trail fences off time-honored access to local beaches, literally creating a fence along the entire San Elijo and Vulcan Avenue corridor from E Street to the Chesterfield crossing, leaving very limited access for residents and visitors trying to access the beach on foot.

- The Coastal Rail Trail greatly reduces access to already depleted free parking near the coast and favorite beaches, forcing families and others to seek limited alternative parking on Hwy 101, clog up parking on coastal neighborhood streets, or pay money to utilize the beachside parking along and adjacent to the campgrounds. Residents who currently accommodate delivery truck services, construction personnel, sanitation service, and day to day visitors will have their parking moved or completely taken away, exacerbating conflict arising from illegal parking and endangering motorists and bikers.

- The Coastal Rail Trail proposes an at-grade train crossing near Montgomery that will exacerbate the train noise and horn noise in the heart of our city, right next to our Elementary School, just as the NCTD's initiative to double the track is leading to significantly higher train traffic through our community.

- The Coastal Rail Trail will concrete over and gentrify the natural, scenic coastal landscape and close off open areas that serve dog walkers and others who use these areas daily.

- The Coastal Rail Trail creates safety challenges and intensifies hazards to homeowners along the corridor, sanitation personnel, delivery trucks and our first responders. Paramedic services from at least three dispatch areas regularly utilize San Elijo and Vulcan Avenues on emergency calls. Residents along San Elijo Avenue will have to contend with increased bike traffic when using their driveways, as will our Firefighters as they head to emergency calls.

- The Coastal Rail Trail impacts and slows our ability to drive along our city's main thoroughfare, San Elijo Avenue, because the Southbound lane is slated to convert into a auto/bike shared lane (sharrow) and a painted bike lane will be added to the Northbound lane, despite the fact that the Rail Trail itself is supposed to be a dedicated multi- use path.

- The Coastal Rail Trail raises a multitude of other concerns, such as lighting along the trail corridor that not only affect nearby residents, but will draw undesired night visitors and lead to increased noise complaints, loitering, public drinking, vandalism and potential increases in home crimes (as evidenced by crime statistics adjacent to the Encinitas Community Park), potentially increasing city expenditures to address public safety issues.

- The Coastal Rail Trail allocates massive budgetary resources toward misguided and redundant biking and walking paths that already exist on Hwy
101 and can be accomplished more cost effectively by simply improving or expanding the existing biking and walking infrastructure.

On May 20th, 2015, the Encinitas City Council elected to pass a measure calling for the design and construction of the Coastal Rail Trail to proceed on San Elijo and Vulcan Avenues, as opposed the alternative option of enhancing existing infrastructure on Coast Highway which would have minimized the Coastal Rail Trail's impact. Along with the approval and advancement of the overarching PWP/TREP, the foundation is in now place for the Coastal Rail Trail to obtain priority status and commence development if it is not stopped by the CCC. I respectfully urge the CCC to take steps now, before local and regional governmental agencies come to it for consideration and approval, to stop the Coastal Rail Trail before it has a chance to start.

Respectfully yours,
<Member Name>
<Member Street, City, Zip>

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
1	Aaron Howard	aaronhoward72@gmail.com	6897 Trigo Rd	Goleta, CA 93117	Mar 4, 2016 at 8:01:23 PM
2	Aaron Kachorek	Aaronkachorek@hotmail.com	1071 bonita drive	Encinitas , CA 92024	Nov 13, 2015 at 4:32:39 AM
3	Aaron Roslie	Aaronroslie@cox.net	16 east I street	Encinitas, CA 92024	Mar 2, 2016 at 4:20:33 PM
4	Aaron Uher	aaronuher81@gmail.com	752 Clark Ave	Encinitas, CA 92024	Mar 7, 2016 at 11:46:36 PM
5	Aaron Home	Mail7839@gmail.com	931 Hermes Ave	Encinitas, CA 92024	Feb 23, 2016 at 8:34:39 AM
6	Abbi Lawrance	abbilawrance@cox.net	835 Stratford Dr	Encinitas, CA 92024	Mar 13, 2016 at 4:05:06 PM
7	Abel Spero	Abel.spero@gmail.com	1629 legaye drive	Cardiff, Ca 92007	Nov 12, 2015 at 2:23:51 PM
8	Abigail Rivera	abbyrivera94@yahoo.com	1831 Blue Bonnet Pl.	Encinitas, CA 92024	Mar 4, 2016 at 10:18:05 AM
9	Adam Larnach	adam@adamlarnach.com	930 Orpheus Ave	Encinitas, CA 92024	Mar 6, 2016 at 7:46:02 AM
10	Adam Marek	fugoondo@yahoo.com	236 Melrose Ave	Encinitas, CA 92024	Nov 12, 2015 at 7:54:52 PM
11	Adam McPeak	electricsuitcase@outlook.com	929 Woodlake Drive	Cardiff, CA 92007	Nov 12, 2015 at 9:18:42 AM
12	Adam Shedek	Adamcshedek@gmail.com	808 regal rd j3	Encinitas, Ca 92024	Mar 5, 2016 at 5:49:33 PM
13	Adam Tesan	aatesan@gmail.com	235 may court	Cardiff, CA 92007	Nov 15, 2015 at 11:41:20 AM
14	ADAMS LYNN	lynnadams900@yahoo.com	1495 San Elijo Ave	Cardiff, ca 92007	Mar 2, 2016 at 4:12:10 PM
15	Addison breese	addie.breese@yahoo.com	3552 Sitio Baya	carlsbad, ca 92009	Nov 13, 2015 at 1:03:53 AM
16	Adrian Alting-Mees	aamees@gmail.com	1759 Legaye Dr.	Cardiff, CA 92007	Nov 25, 2015 at 10:30:51 AM
17	Aidan Johnson	Aidanj.96@gmail.com	14286 recuerdo drive	Del mar , CA 92014	Nov 12, 2015 at 9:42:42 PM
18	Aimee Kretschmar	kretsch6@gmail.com	2274 Carole View Dr Apt D118	Cardiff, CA 92007	Nov 30, 2015 at 8:47:34 AM
19	Alan Pacheco	alanpachecosd@gmail.com	2643 Galicia Way	Carlsbad, CA 92009	Nov 12, 2015 at 5:46:25 PM
20	Alan Schaffer	Schaff76@aol.com	2156 Manchester Ave	Cardiff , Ca 92007	Mar 9, 2016 at 11:43:13 AM
21	Alec Macauley	al436666@yahoo.com	127 Chapalita Dr	Encintas, Ca 92024	Nov 12, 2015 at 11:52:16 AM
22	Alex Gorman	Atggorman@gmail.com	1409 vanessa circle	Encinitas, CA 92024	Nov 13, 2015 at 1:00:48 PM
23	Alex Hutter	Rockstar025@gmaill.com	Rockstar025@gmaill.com	Encinitas, CA 92024	Nov 12, 2015 at 2:35:13 PM
24	Alex Melanie	alex92010@yahoo.com	2351 newcastle ave	cardiff, ca 92007	Mar 2, 2016 at 8:26:46 PM
25	Alex Neal	alexneal@yahoo.com	1130 Wotan Drive	Encinitas, CA 92024	Nov 15, 2015 at 4:55:58 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
26	Alex Pascale	Alexpascale@icloud.com	7871 sitio abeto	Carlsbad, Ca 92009	Mar 3, 2016 at 6:32:29 PM
27	Alex Zirpolo	alex@avcaminc.com	776 Jacquelene Court	Encinitas, CA 92024	Mar 2, 2016 at 4:24:28 PM
28	Alexa Thornton	A.thornton4@yahoo.com	7913 via callendo	Carlsbad, Ca 92009	Mar 2, 2016 at 9:27:35 AM
29	Alexander Zirpolo	alex@avcaminc.com	776 Jacquelene Court	Encinitas, CA 92024	Mar 2, 2016 at 4:09:11 PM
30	Alexandra Djasran	Djasran@gmail.com	DeWitt Ave	Encinitas, CA 92024	Nov 13, 2015 at 8:13:51 PM
31	Alexis Funaki	alexisfunaki@gmail.com	2370 Manchester Ave	Cardiff, CA 92007	Nov 12, 2015 at 9:39:12 PM
32	Ali Johnson	cutbacksurfer12@gmail.com	1050 hygeia ave	encinitas, ca 92024	Nov 11, 2015 at 1:18:03 PM
33	Alison Mundo	Alison.mundo@yahoo.com	1627 San Elijo ave	Cardiff, Ca 92007	Feb 22, 2016 at 12:28:37 PM
34	Alison Skelton	als960@socal.rr.com	126 jasper street	encinitas, ca 92024	Nov 12, 2015 at 9:59:37 AM
35	Alison Tsuji	alitsuji@gmail.com	2245 Edinburg Ave	Cardiff, CA 92007	Nov 12, 2015 at 11:25:36 AM
36	Alissa Amico	amamico79@gmail.com	1242 sea village dr	Cardiff, Ca 92007	Nov 13, 2015 at 9:36:42 PM
37	Allan Danto	adanto123@yahoo.com	2704 MacKinnon Ranch Road	Cardiff , CA 92007	Feb 6, 2016 at 11:29:45 AM
38	Allison Abbott	allibriggs@yahoo.com	1509 Orangeview Dr	Encinitas , Ca 92024	Nov 12, 2015 at 12:35:12 PM
39	Allison Doig	Allisonmdoig@gmail.com	3285 Camino Coronado	Carlsbad , Ca 92009	Nov 12, 2015 at 10:08:45 PM
40	allison greenwell	allison.greenwell@yahoo.com	1153 aloha drive	encinitas, CA 92024	Nov 12, 2015 at 5:17:10 PM
41	Allison Ross	Ross.allison88@gmail.com	1060 chinquapin Ave #10	Carlsbad, Ca 92008	Mar 6, 2016 at 8:36:05 AM
42	alyse wysocki pickard	alyse.nicole.w@gmail.com	757 S vulcan ave	encinitas, CA 92024	Jan 26, 2016 at 9:24:57 AM
43	Alyson Gonzalez	Alyson_noelle@hotmail.com	5907 Silver Leaf Road	San Jose, CA 95138	Nov 12, 2015 at 10:09:41 AM
44	Amanda Darlington	Aldarlin@ucsd.edu	921 Hermes Ave	Encinitas, Ca 92024	Nov 14, 2015 at 4:02:46 PM
45	Amanda Neiman	Antonia.amanda@gmail.com	1308 Mackinnon Avenue	Cardiff, CA 92007	Mar 3, 2016 at 7:47:32 PM
46	Amauri Ara	aamauri.ara12@gmail.com	1019 Golden rd	Encinitas, CA 92024	Nov 13, 2015 at 8:42:17 AM
47	Amber Gallant	amber.gallant36@gmail.com	418 Villa Blanca Ct.	Encinitas, CA 92024	Nov 13, 2015 at 6:30:49 AM
48	amber mcfadden	ambermcfadden2012@gmail.com	8824 Glendale st apt 39	JUNEAU, Alaska 99801	Nov 12, 2015 at 9:34:52 PM
49	Amber Roberts	Ambskiez69@yahoo.com	970 Via Di Felicita	Encinitas , CA 94118	Nov 12, 2015 at 6:53:33 PM
50	amber stits	amstits@gmail.com	237 melrose ave.	encinitas, CA 92024	Nov 12, 2015 at 3:10:37 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
51	Amy Jarrah	Codygirl7723@yahoo.com	1021 N. Vulcan ave apt 11	Encinitas, Ca 92024	Nov 13, 2015 at 8:41:59 AM
52	Anais Gurnoe	a.gurnoe@gmail.com	2110 brigantine court	encinitas, ca 92024	Nov 13, 2015 at 3:18:25 PM
53	Andre Thomas	xflatx@gmail.com	1764 Gentle Breeze Ln	Encinitas, CA 92024	Mar 29, 2016 at 9:00:52 AM
54	Andrea Jankovich	andyjank@earthlink.net	10275 Caminito Covewood	San Diego, CA 92131	Nov 22, 2015 at 12:34:00 PM
55	Andrea ritchie	andreabritchie@gmail.com	1499 clear view	san Marcos, ca 92078	Nov 14, 2015 at 6:38:32 AM
56	Andrea Siedsma	andrea@saltwatermedia.net	708 Snapdragon Street	Enciinitas, CA 92024	Mar 4, 2016 at 8:28:35 AM
57	Andres Weishaupt	andresweishaupt@web.de	Cambridge	Cardiff, CA 92007	Dec 30, 2015 at 10:15:40 AM
58	Andrew Anfossi	Aranfossi@gmail.com	2223 summerhill dr.	Encinitas , CA 92024	Nov 12, 2015 at 12:36:25 PM
59	Andrew Bridges	abridges01@yahoo.com	769 Marie Ct.	Encinitas, CA 92024	Mar 4, 2016 at 3:33:58 PM
60	Andrew DeMarco	Andrewj1012@gmail.com	2185 Oxford Avenue	Cardiff , CA 92007	Nov 12, 2015 at 4:36:34 PM
61	Andrew Wilson	adub@pacbell.net	810 Sidonia St.	Encinitas, CA 92024	Mar 7, 2016 at 8:59:46 PM
62	Andrew Wintzel	awhintzel@gmail.com	Lomita Street	Oceanside , Ca 92054	Dec 13, 2015 at 1:37:18 PM
63	Angela Gomez	Agomez_78@yahoo.com	1043 Nolbey st	Cardiff, Ca 92007	Nov 12, 2015 at 12:55:08 PM
64	Angelica Jarvis	angelicaajarvis@gmail.com	977 miramonte drive	Santa Barbara, CA 93109	Nov 12, 2015 at 7:20:18 PM
65	Angie Gallo	Angela4ocean@gmail.com	582 sweet pea place	Encinitas, Ca 92024	Mar 2, 2016 at 4:32:49 PM
66	Angie GroSeclose	Angie.griseclose@sduhsd.net	857 Passiflora Ave	Encinitas, Ca 92024	Feb 23, 2016 at 2:00:57 PM
67	Anita Strine	anita@surfdog.com	243 Florita St	Encinitas, CA 92024	Mar 9, 2016 at 1:22:20 PM
68	Anjali Samant	Anjali.rh.samant@gmail.com	1603 Glasgow Ave.	Cardiff, Ca 92007	Mar 8, 2016 at 12:21:27 AM
69	Ann Heizer	annheizer@hotmail.com	432 Edgehill Lane #199	OCEANSIDE, CA 92054	Mar 1, 2016 at 3:02:15 PM
70	Anna Hunter	Anna.hunter91@gmail.com	1806 Glasgow ave	Cardiff, Ca 92007	Nov 12, 2015 at 7:46:34 PM
71	Anna Sanders	aksanders1180@gmail.com	2446 Newport Ave	Cardiff, CA 92007	Dec 2, 2015 at 8:14:13 AM
72	Annabel Tomes	annabeltomes@gmail.com	P.O. Box 15320 1 Wilson Road	Annapolis, Maryland 21412	Nov 12, 2015 at 5:46:44 PM
73	Annalena Riebeling	annalenariebeling@gmail.com	1718 Hill Top Ln	Encinitas, CA 92024	Nov 13, 2015 at 12:44:28 PM
74	Anne Crosby	Crosbys4@gmail.com	1856 Freda lane	Cardiff, CA 92007	Mar 9, 2016 at 8:34:07 AM
75	Annie Hines	Gratitude1@cox.net	1611 Rubenstein Drive	Cardiff, CA 92007	Nov 29, 2015 at 8:23:20 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
76	Annie Kreger	arkreger@gmail.com	2212 Carol View Dr #310	Cardiff, CA 92009	Nov 12, 2015 at 2:07:05 PM
77	anson overbey	ansonoverbey@gmail.com	1811 palisades dr	carlsbad, CA 92008	Mar 4, 2016 at 12:07:39 PM
78	Anthony Askari	Anthonyaskari@yahoo.com	7956 grado el tupelo	Carlsbad, Ca 92009	Nov 12, 2015 at 7:54:28 PM
79	Anthony Barnes	Gnarl83@yahoo.com	2495 Newcastle Ave	Cardiff, CA 92006	Nov 12, 2015 at 10:07:27 PM
80	anthony catalano	tcatalano@me.com	961 Birmingham dr	Cardiff, ca 92646	Mar 5, 2016 at 6:58:54 PM
81	Anthony Gerardi	apg_surf_report@yahoo.com	Magnolia	Carlsbad, CA 92008	Dec 17, 2015 at 5:29:28 PM
82	anthony moreno	tjmoreno06@gmail.com	519 n nevada st	oceanside, ca 92054	Nov 12, 2015 at 3:15:04 PM
83	April Stone	Seabreezie13@yahoo.com	5239 Robinwood dr	Oceanside, Ca 92056	Nov 12, 2015 at 9:24:32 AM
84	arlene betti	arlenebetti@sbcglobal.net	1732 knoll field way	encinitas, ca 92024	Feb 22, 2016 at 8:59:55 AM
85	Armin Vaziri	arminvaziri69@gmail.com	Liverpool Drive	Cardiff, CA 92007	Dec 9, 2015 at 6:46:18 PM
86	Arnold Markman	arnoldmarkman@cox.net	340 Arroyo Drive	Encinitas, CA 92024	Nov 15, 2015 at 7:37:57 PM
87	Arturo Torres	mgt@att.net	810 Regal Road	Encinitas, CA 92024	Mar 3, 2016 at 12:57:08 PM
88	Asaf Ofir	haysher2@gmail.com	Newcastle	Cardiff, CA 92007	Dec 30, 2015 at 10:07:47 AM
89	Ashley DoZbaba	Adozbaba@gmail.com	2156 avenida toronja	Carlsbad, Ca 92009	Nov 12, 2015 at 3:09:09 PM
90	Ashley Filler	ashleyfiller5@yahoo.com	512 Cerro Street	Encinitas , Ca 92024	Nov 14, 2015 at 8:00:52 AM
91	Ashley Luoto	ashleyluoto@gmail.com	1221 Sea Village Dr.	Cardiff, Ca 92007	Jan 31, 2016 at 9:20:18 AM
92	Audrey Teshima	audrey.teshima@gmail.com	948 Sandcastle Drive	Cardiff, CA 92007	Nov 20, 2015 at 5:30:38 AM
93	Audrey Willis	aud.willis93@gmail.com	1635 Mapleleaf Court	Encinitas, CA 92024	Dec 14, 2015 at 4:07:32 PM
94	Austin Bauer	Austinbauer26@yahoo.com	Verdi	Cardiff, Ca 92007	Mar 5, 2016 at 8:24:59 AM
95	Austin Dilley	austinmacksdilley@gmail.com	1067 bonita drive	Encinitas, CA 92024	Nov 13, 2015 at 8:53:23 PM
96	Austin Merrill	Brandomerrill@gmail.com	2353 Carolyn Place	Encinitas, CA 92024	Nov 12, 2015 at 11:47:52 AM
97	Austin Wade	Awade185@gmail.com	901 Sandcastle Dr	Cardiff, Ca 92007	Mar 8, 2016 at 9:10:11 AM
98	Autumn Larsen	Autumn.larsen7@gmail.com	3026 Cielo Place	Carlsbad, CA 92009	Dec 2, 2015 at 11:51:22 PM
99	Barb Ackerman	backatthebeach@gmail.com	208 Melrose Ave.	Encinitas, CA 92024	Nov 13, 2015 at 4:59:47 PM
100	Barbara Barnes	bthunderbarnes@san.rr.com	10430 Scripps Trail	San Diego, CA 92131	Jan 28, 2016 at 7:16:00 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
101	Barbara Bates	bates.barbara@scrippshealth.org	434 Winsome Pl	Encinitas, CA 92024	Nov 29, 2015 at 11:49:13 AM
102	Barbara Marsh	barbara.marsh@century21.com	2833 Caminito Cape Sebastian	Cardiff, CA 92007	Nov 12, 2015 at 8:39:01 PM
103	Barbara Stewart	stewartbj@hotmail.com	1641 Somerset Avenue	Cardiff, CA 92007	Nov 12, 2015 at 8:50:55 PM
104	Barry Knuttila	bknutt@cox.net	463 Bristol Road	Cardiff, CA 92007	Jan 18, 2016 at 10:01:22 AM
105	Bear Scharbarth	Bearpah@yahoo.com	1801 eucalyptus ave	Encinitas , Ca 92024	Feb 22, 2016 at 7:56:12 AM
106	Becci Casas	Beccicasas@gmail.com	1710 South El Camino Real	Encinitas, CA 92024	Nov 13, 2015 at 4:54:34 AM
107	Becky Mendoza	bmendozapa@gmail.com	465 Neptune Ave.	Encinitas, CA 92024	Mar 7, 2016 at 12:42:04 PM
108	Ben Tucker	Bentucket_87@hotmail.com	345 E Wacker Dr.	Chicago, IL 60601	Nov 30, 2015 at 10:25:33 AM
109	Bethany Simm	bethanysimm@gmail.com	530 Couper Dr	San Luis Obispo, CA 93405	Nov 13, 2015 at 6:55:25 PM
110	Bianca Marquez	B_marquez@ymail.con	235 Coneflower Street	Encinitas, Ca 92024	Mar 8, 2016 at 11:39:11 AM
111	Bill Anderson	wanderson@acrecommercial.com	1809 Montgomery Avenue	Cardiff , CA 92007	Nov 10, 2015 at 11:53:23 AM
112	Bill Lawson	bill@lawsonfive.com	2129 Bulrush Lane	Cardiff, Ca 92007	Nov 11, 2015 at 2:14:00 PM
113	Bill Pultz	bill@pultzlaw.com	1338 Rubenstein Ave	Cardiff, CA 92007	Mar 8, 2016 at 4:39:55 PM
114	Bill Rodewald	Billr@harsch.com	1574 Summit Ave	Cardiff, CA 92007	Jan 29, 2016 at 1:31:11 PM
115	Billy Zegras	wszegras@gmail.com	2988 Camino Serbal	Carlsbad, CA 92009	Dec 3, 2015 at 4:56:28 AM
116	Bimala Quintella	Tst.bimala@gmail.com	1100 garden view R&R. #347	Encinitas, CA 92024	Nov 12, 2015 at 5:26:19 PM
117	Blake Stanton	Bstanton02@gmail.com	1111 woodlake dr	Cardiff, CA 92007	Mar 20, 2016 at 2:35:22 PM
118	Bob Bonde	Rbonde007@gmail.com	1620 Haydn Drive	Cardiff, CA 92007	Mar 2, 2016 at 3:53:10 PM
119	Bob Hart	hartr72002@yahoo.com	Andrew Avenue	Leucadia, CA 92024	Dec 9, 2015 at 7:39:01 PM
120	Bob Hoste	bobhoste@gmail.com	Nevada Street	Oceanside, CA 92054	Dec 17, 2015 at 5:33:49 PM
121	Bob Ramsey	bramsey760@gmail.com	750 Stratford Dr	Encinitas, Ca 92024	Mar 14, 2016 at 9:52:43 AM
122	Bob Serling	gbobserling@gmail.com	2039 Bruceala Court	Cardiff, CA 92007	Jan 4, 2016 at 6:09:43 PM
123	Bob Zaiser	Bobzaiser@gmail.com	2087 Edinburg Ave	Cardiff, CA 92007	Jan 17, 2016 at 5:42:57 PM
124	Bonnie Jordan	Tchn3rs@aol.com	2157 Pleasant Grove Rd	Encinitas , CA 92024	Mar 4, 2016 at 10:53:29 PM
125	Boyd Gardiner	dodleraspoon@yahoo.com	PO Box 231507	Encinitas, CA 92024	Nov 13, 2015 at 9:50:33 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
126	Brad Hagglund	Bradhagglund@gmail.com	769 poinsettia park s	Encinitas, Ca 92024	Nov 12, 2015 at 6:00:25 AM
127	Brad Hanson	jbh100@att.net	1477 Neptune Ave	Encinitas, CA 92024	Nov 29, 2015 at 11:32:44 AM
128	Brad Miller	Bmiller56@cox.net	1581 Crest Drive	Encinitas, CA 92024	Mar 9, 2016 at 9:28:46 PM
129	Brad Webber	bradwrealestate@gmail.com	PO Box 204	Cardiff, CA 92007	Nov 12, 2015 at 9:49:05 AM
130	Bradley Van Winkle	bradvw142@yahoo.com	2968 Camino Serbal	Carlsbad, CA 92009	Nov 12, 2015 at 3:09:30 PM
131	Brandie Thornton	brandiethornton1@aol.com	2420 Oxford Ave Unit B	Cardiff, CA 92007	Dec 18, 2015 at 10:18:50 AM
132	Brandon Skinner	brandonskinner85@gmail.com	239 Mangano Circle	Encinitas, CA 92024	Nov 12, 2015 at 8:01:22 PM
133	Brant Cooper	Brant@brantcooper.com	1144 Stratford Dr	Encinitas, Ca 92024	Nov 13, 2015 at 5:04:08 AM
134	Breanna isley	Breanna.isley@gmail.com	7955 La selva way	carlsbad , ca 92009	Nov 13, 2015 at 9:58:38 AM
135	Bree Fitzpatrick	Fitzp022@gmail.com	444 Norfolk Drive	Cardiff, Ca 92007	Mar 21, 2016 at 1:32:47 PM
136	Brenda Caddick	bdupuycaddick@hotmail.com	1014 San Abella Dr.	Encinitas, CA 92024	Mar 5, 2016 at 11:39:02 PM
137	Brenda Porter	Brendajadeporter@gmail.com	145 Noma lane	Encinitas, Ca 92024	Nov 12, 2015 at 2:42:28 PM
138	Brendan Carberry	cbrendan@hotmail.com	1863 Montgomery Ave	Cardiff, CA 92007	Nov 13, 2015 at 11:15:16 AM
139	Brent Abdulla	brentabdulla@Yahoo.com	6266 Village Green Drive	Carlsbad, CA 92009	Mar 3, 2016 at 1:22:51 PM
140	BRENT CHURCHILL	brent.churchill@yahoo.com	699 N. VULCAN AVE. #103	ENCINITAS, CA 92024	Nov 11, 2015 at 7:22:31 PM
141	Brent Front	thebrent@yahoo.com	Montgomery	Cardiff, CA 92007	Dec 9, 2015 at 6:40:16 PM
142	Brett Crowder	Strandsbc@aol.com	1202 rubenstein ave	Cardiff, Ca 92007	Jan 30, 2016 at 5:54:43 AM
143	Brett Jones	hd01dyna@hotmail.com	1171 aloha dr	encinitas, CA 92024	Mar 3, 2016 at 7:40:39 PM
144	Brett St.Amour	Brettstamour@yahoo.com	7716 Palacio Dr	Carlsbad, Ca 92009	Nov 13, 2015 at 12:24:33 AM
145	Bri Scott-Sherman	briscott@email.com	1904 Park Crest Dr.	Cardiff, CA 92007	Nov 11, 2015 at 10:56:59 PM
146	Brian Andrews	brianandrewssd@gmail.com	1146 Woodlake Drive	Cardiff, CA 92007	Mar 9, 2016 at 9:33:11 AM
147	Brian Bodas	boda1970@yahoo.com	1114 Calle Christopher	Encinitas, CA 92024	Mar 13, 2016 at 10:09:06 PM
148	Brian Farley	Flyinfarley@yahoo.com	6080 paseo monona	Carlsbad, Ca 92009	Nov 12, 2015 at 4:50:18 PM
149	Brian Haskin	bdhaskin@hotmail.com	2405 Montgomery Avenue	Cardiff, CA 92007	Nov 30, 2015 at 5:40:07 PM
150	Brian Loch	surfboardinput@gmail.com	2831 Luciernaga st.	Carlsbad, CA 92007	Nov 12, 2015 at 7:54:12 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
151	Brian Porterfield	bassmechanicsound@gmail.com	1503 avd LA posta	Encinitas, CA 92024	Nov 12, 2015 at 7:53:14 PM
152	Brian Szymanski	Szysurf@gmail.com	952 Sandcastle Dr	Cardiff, Ca 92007	Nov 13, 2015 at 7:18:27 AM
153	Briana Grubb	brianagrubb@gmail.com	7924 La Capela	Carlsbad, CA 92009	Nov 12, 2015 at 6:41:51 PM
154	Briana Nelson	Brinr11@gmail.com	2064 Glasgow Ave	Cardiff, Ca 92007	Mar 12, 2016 at 9:33:24 PM
155	Brianna Caperello	bricap3363@gmail.com	2171 B Oxford Ave	Cardiff, CA 82007	Nov 12, 2015 at 8:09:59 AM
156	Brianna Lundgren	Boston_bree@pacbell.net	5090 College Avenue	San Diego, CA 92115	Nov 12, 2015 at 8:28:53 PM
157	Bridey Hicks	Bridey.hicks@gmail.com	933 west ranch rd	Carlsbad, Ca 92078	Nov 11, 2015 at 1:41:19 PM
158	Bridget Courtney	bridget.courtney@ymail.com	1833 Montgomery Avenue	Cardiff, CA 92007	Mar 7, 2016 at 10:03:24 AM
159	Bridget Murphy	murfs14@gmail.com	807 Hymettus Avenue	Encinitas, CA 92024	Nov 14, 2015 at 12:37:53 PM
160	Brigitte Engel	Brigitte.engel@sbcglobal.net	1651 leora lane	Encinitas, Ca 92024	Nov 14, 2015 at 10:43:58 AM
161	Brittany Creedon	brittanydcreedon@gmail.com	1782 Avenida La Posta	Encinitas , CA 92024	Dec 6, 2015 at 11:44:03 AM
162	Brittany Schultz	Gidget.schultz@yahoo.com	1821 Eastwood Lane	Encinitas, Ca 92024	Nov 12, 2015 at 6:26:04 PM
163	Brittney Wade	Brittbrat183@gmail.com	114 cuyamaca st	Oceanside , CA 92058	Nov 13, 2015 at 7:15:59 AM
164	Brock Tella Tella oo	Bctsandiego@yahoo.com	2248 Wales Dr	Cardiff, CA 92007	Nov 27, 2015 at 2:17:31 PM
165	Bronson Young	bryoung333@yahoo.com	1312 S Pacific St	Oceanside, CA 92054	Nov 11, 2015 at 10:12:30 PM
166	Brooke Bond	Hobbit.bond@gmail.com	338 cabana way	Oceanside , Ca 92058	Nov 11, 2015 at 1:38:16 PM
167	Brooke Engel	bhengel@pipeline.sbcc.edu	7887 Vista Higuera	Carlsbad, CA 92009	Nov 12, 2015 at 9:49:01 PM
168	Brooke Oleynick	brookeee753@yahoo.com	1452 Valleda Lane	Encinitas, CA 92024	Nov 29, 2015 at 11:41:05 PM
169	Brooke Paulus	bandb678@gmail.com	160 Andrew Avenue	Encinitas , CA 92024	Feb 1, 2016 at 1:19:15 PM
170	Brooks LaBelle	belabell@ucsc.edu	1348 Hymettus Ave.	Encinitas, CA 92024	Nov 13, 2015 at 10:26:59 AM
171	Bruce Hamann	brucehamann@gmail.com	1386 Rubenstein Ave	Cardiff, CA 92007	Nov 11, 2015 at 8:34:40 PM
172	Bryan Caro	caro204@yahoo.com	Summit	Cardiff, CA 92007	Dec 9, 2015 at 6:43:29 PM
173	Bryan Kauffer	Bryan.Kauffer@gmail.com	1253 n Vulcan Ave #6	Enicinitas , Ca 92024	Nov 15, 2015 at 8:59:41 PM
174	Bryan Nubia	Blueman805@hotmail.com	12670 Torrey bluff dr	San Diego , CA 92130	Nov 13, 2015 at 12:17:01 AM
175	Bryan Post	b.post760@gmail.com	2100 montgomery ave apt i	Cardiff, ca 92007	Nov 12, 2015 at 9:35:47 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
176	Bryan stebel	bryanstebel@gmail.com	1961 oxford ave	cardiff, ca 92007	Dec 12, 2015 at 3:04:14 PM
177	Brynn Craffey	brynndublin@yahh.com	805 Valley Ave Apt 216	Solana Beach, CA 92075	Feb 22, 2016 at 9:17:07 AM
178	Buck Elsmore	setwave@gmail.com	2017 Pintoresco Ct	Carlsbad, CA 92009	Mar 3, 2016 at 10:31:39 AM
179	Caitlin Eichlin	Madhotts711@yahoo.com	1021 N Vulcan Apt11	Encinitas , CA 92024	Nov 12, 2015 at 7:34:09 AM
180	Caitlin Mckinley	Crmckinley@usfca.edu	7934 Sitio nispero	Carlsbad, CA 92009	Nov 13, 2015 at 11:40:41 AM
181	Cameron Crow	Cameron@est8.co	1367 sea village dr	Cardiff, Ca 92007	Nov 13, 2015 at 2:58:18 PM
182	Cameron Goodsell	camerod@msn.com	228 Hillcrest Drive	Encinitas, CA 92024	Nov 13, 2015 at 7:27:19 PM
183	Cameron Gray	Cameronvg1@gmail.com	1718 Lake Drive	Cardiff, CA 92007	Nov 12, 2015 at 6:54:12 PM
184	Cameron Rondo	Cameronrondo@hotmail.com	185 saxony rd	Encinitas, Ca 92024	Mar 2, 2016 at 7:12:48 PM
185	Cara Connor	Caraconnor6993@gmail.com	1237 gold flower road	Carlsbad , Ca 92011	Nov 13, 2015 at 8:01:27 AM
186	Carey Braswell	careybraswell@gmail.com	4463 1/2 Utah St.	San Diego, CA 92116	Feb 22, 2016 at 11:51:06 AM
187	Carey Hermanns	careylyn@excite.com	2033 San Elijo Ave #161	Cardiff, CA 92006	Mar 4, 2016 at 1:28:28 AM
188	cari mcclemons	cmcclemons@gmail.com	1532 avenida de las adelsas	Encinitas, CA 92024	Nov 13, 2015 at 8:11:45 PM
189	Carina Staerck	Reenmama@gmail.com	1868 pariva dr	Cardiff, Ca 92007	Mar 1, 2016 at 10:18:52 PM
190	Carli Leavitt	carlicemt@gmail.com	4077 ILLINOIS Street UNIT 6	San Diego, CA 92104	Mar 4, 2016 at 11:25:33 AM
191	Carlos Lopez	c_lope15@yahoo.com	950 2nd Street apt #A	Encinitas , CA 92024	Mar 6, 2016 at 10:27:01 PM
192	Carly Belin	Carlybelin@icloud.com	7318 Esfera Street	Carlsbad, CA 92009	Nov 12, 2015 at 9:44:56 PM
193	Carly Dudek	carlydudek@yahoo.com	981 N. Vulcan Ave Apt 3	Encinitas, CA 92024	Mar 3, 2016 at 8:04:40 PM
194	Carly Kunzik	ckunzik@gmail.com	3107 Del Rey Ave	Carlsbad, CA 92009	Dec 3, 2015 at 11:16:47 AM
195	Carly Sbicca	Carlysbicca@gmail.com	562 Nobel CT	Encinitas, CA 92024	Nov 12, 2015 at 9:52:20 AM
196	Carlyrose Raketich	Carlyroseraketich@gmail.com	3225 avenida de sueno	Carlsbad , CA 92009	Nov 14, 2015 at 2:54:30 PM
197	Carol Bell	Carolbell@cox.net	1831 Country Ln	Escondido, Ca 92025	Nov 16, 2015 at 10:37:28 AM
198	carol bodas	junkgirl1@cox.net	641 4th st	Encinitas, CA 92024	Jan 28, 2016 at 8:47:40 PM
199	Carol Savage	catlover@cox.net	642 Arden Drive	Encinitas, CA 92024	Nov 21, 2015 at 2:25:45 PM
200	Carol Wolf	seawolfbeach@gmail.com	237 W I St	Encinitas, CA 92024	Feb 26, 2016 at 8:05:45 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
201	Carole Mayne	cmaynestudio@gmail.com	345 Sanford st	Leucadia, ca 92024	Mar 4, 2016 at 8:41:31 AM
202	Carole Serling	cserling@roadrunner.com	2039 Bruceala Ct	Cardiff, CA 92007	Jan 3, 2016 at 7:22:12 PM
203	Caroline Bowman	cebowman@umich.edu	2251 Corte Cicuta	Carlsbad, CA 92009	Nov 13, 2015 at 7:36:47 AM
204	Carolyn Collins	grandmac39@hotmail.com	12424 Oliva Rd.	SAN DIEGO, CA 92128	Nov 16, 2015 at 10:32:22 AM
205	carolyn deuchars	cdeuchars35@yahoo.com	2350 newcastle ave	Cardiff, ca 92007	Nov 30, 2015 at 5:44:00 PM
206	Carolyn Lehmer	944via@gmail.com	1525 san elijo ave	Cardiff, Ca. 92007	Dec 1, 2015 at 11:29:16 AM
207	Carrie Phair	Carephair@gmail.com	2565 Montgomery Ave	Cardiff, Ca 92007	Feb 21, 2016 at 7:41:01 PM
208	Carrie Piccolini	Cpiccolini@gmail.com	493 ocean view ave	Encinitas , Ca 92024	Nov 14, 2015 at 6:42:53 AM
209	Carter Johnson	Carter.johnson27@gmail.com	1410 Calle Christopher	Encinitas, Ca 92024	Nov 12, 2015 at 4:31:43 PM
210	Carter Murphy	cmurphy218@gmail.com	1371 Calle Scott	Encinitas, CA 92024	Nov 13, 2015 at 9:06:59 AM
211	Caryn Hall	babahall@cox.net	327 N Vulcan	Encinitas, CA 92024	Dec 29, 2015 at 2:03:31 PM
212	Caryn Miller	carynmc@gmail.com	5089 Long Branch Ave	San Diego, CA 92107	Feb 23, 2016 at 12:16:30 PM
213	Casey Blatt	Casey.blatt@gmail.com	2429 Newcastle ave	Cardiff, CA 92007	Mar 7, 2016 at 10:08:01 PM
214	Casey Kelly	peapoot@yahoo.com	1627 Baccharis Avenue	Carlsbad, CA 92011	Nov 12, 2015 at 7:55:07 PM
215	Casey Mckee	Caseymckee321@gmail.com	7951 sitio solana	Carlsbad, Califonia 92009	Dec 3, 2015 at 1:45:50 PM
216	casey rubano	casey.rubano@gmail.com	2034 red coach lane	encinitas, ca 92130	Nov 23, 2015 at 11:19:18 PM
217	Casey Stilley	skskdjjejsj@gmail.com	2312 Edinburg Ave	Cardiff, CA 92024	Dec 2, 2015 at 9:59:21 PM
218	Cassandra Bahne	cassandrabahne@gmail.com	984 Shore Crest Rd	Carlsbad, CA 92011	Nov 12, 2015 at 9:14:38 AM
219	Catherine Albertini	Keylargo1@cox.net	2519 Manchester Avenue	Cardiff, CA 92007	Mar 4, 2016 at 9:34:52 PM
220	Cathy Lichterman	catherine-jean@hotmail.com	3865 Monroe St.	Carlsbad, CA 92008	Nov 22, 2015 at 1:28:35 PM
221	Cathy Sharer	leojinx@aol.com	2323 Caringa Way	Carlsbad, CA 92009	Nov 12, 2015 at 8:49:49 AM
222	Cathy Zaitzow	Carhyzaitzow@gmail.com	1780 Haydn Drive	Cardiff , CA 92007	Mar 5, 2016 at 8:01:09 AM
223	Celeste Jepson	Blossom.celestial@yahoo.com	367 Liverpool drive	Cardiff, CA 92007	Nov 13, 2015 at 11:30:49 AM
224	Chad Willkie	chadapotamus@yahoo.com	990 Woodgrove Dr	Cardiff, CA 92007	Mar 7, 2016 at 5:44:48 PM
225	Chandler Alcoser	chandlerdalcoser@gmail.com	1149 Sidonia St	Encinitas, CA 92024	Nov 12, 2015 at 9:44:15 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
226	Chandler Wachholtz	Wachholtz99@gmail.com	7716 corte violeta	Carlsbad, CA 92009	Mar 2, 2016 at 5:14:37 PM
227	char booth	charbooth@gmail.com	875 san dieguito dr.	encinitas, ca 92024	Nov 22, 2015 at 9:53:37 AM
228	charles fustos	charlesfustos2001@yahoo.com	1110 woodlake ave	cardiff, ca 92007	Nov 13, 2015 at 8:19:00 AM
229	Charles Paynter	charlie7873@hotmail.com	1635 Calle Plumerias	Encinitas, CA 92024	Feb 22, 2016 at 2:34:18 PM
230	Charles Schwab	cschwab1@cox.net	1509 Simmit Ave.	Cardiff, CA 92007	Nov 13, 2015 at 5:52:19 PM
231	Charles Wachob	charliewachob@gmail.com	2015 Bruceala Ct.	Cardiff, CA 92007	Mar 8, 2016 at 5:08:12 AM
232	Charlotte Buckland	charlotte.reiki@yahoo.com	1696 Leora Lane	Encinitas, CA 92024	Mar 4, 2016 at 7:44:15 AM
233	Charlotte Hassett	charlottemh16@gmail.com	1485 Summit Ave	Cardiff, CA 92007	Dec 2, 2015 at 3:58:40 PM
234	Chase Bahne	cpb84@msn.com	725 Arden drive	Encinitas, Ca 92024	Nov 12, 2015 at 3:41:53 PM
235	Chase Franklin	Mac13user@icloud.com	1468 Pegaso ST.	Encinitas, CA 92024	Mar 9, 2016 at 2:31:22 PM
236	Chelsea Buonaguidi	Cbuonaguidi@yahoo.com	1515 lovely lane	Vista, Ca 92083	Nov 12, 2015 at 7:40:50 PM
237	Cheryl Ailshire	balmy110@yahoo.coom	2387 Newport Ave.	Cardiff, CA 92007	Mar 3, 2016 at 11:03:11 PM
238	Cheryl Nunez	cheryl.l.blount1@gmail.com	2556 Ocean cove drive	Cardiff, ca 92007	Nov 12, 2015 at 8:07:28 PM
239	Cheryl Wichert	sunshine@sopris.net	410 AABC	Aspen, CO 81611	Mar 3, 2016 at 11:02:57 AM
240	Chloe Harrington	chloe.harrington@gmail.com	1293 Blue Sky Drive	Cardiff, CA 92007	Mar 3, 2016 at 11:40:43 PM
241	Chloe Rock	Chloe.t.rock@gmail.com	1069 Bonita drive	Encinitas, CA 92024	Nov 13, 2015 at 5:00:18 PM
242	Chris Deuchars	goldychops@yahoo.com	2033 san elijo ave #620	Cardiff, ca 92007	Nov 30, 2015 at 5:46:03 PM
243	chris donnelly	chris@pacificrockcap.com	1712 westminster drive	Cardiff, CA 92007	Nov 11, 2015 at 7:44:17 AM
244	Chris Kimura	Chriskimura1@gmail.com	2328 Cambtidge Ave.	Cardiff, Ca 92007	Mar 3, 2016 at 7:46:58 PM
245	Chris Kiyzmille	Cbadnative@yahoo.com	6931 Wildrose Terrace	Carlsbad, CA 92011	Nov 12, 2015 at 10:14:06 PM
246	Chris McHugh	Chrism.mchugh@gmail.com	2008 via tiempo	Cardiff, Ca 92007	Nov 12, 2015 at 4:59:06 PM
247	Chris Olivas	Cholivas@gmail.com	7000 Ballena way unit #36	Carlsbad, Ca 92009	Mar 7, 2016 at 7:03:38 PM
248	chris swanner	chrisswanner@gmail.com	1659 San Elijo Ave	Cardiff, Calif 92007	Nov 10, 2015 at 1:45:12 PM
249	chris sylvada	csylvada@gmail.com	1141 Balour Drive	Encinitas, CA 92024	Jan 17, 2016 at 12:54:30 PM
250	Christian Leeuw	christianleeuw@hotmail.com	2264 Montgomery Ave	Cardiff, CA 92007	Nov 11, 2015 at 2:27:39 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
251	Christina Kraus	christinakraus1@yahoo.com	329 Ocean View Ave	Encinitas, CA 92024	Dec 2, 2015 at 11:21:45 PM
252	Christina Olivares	Chrissyolivares@yahoo.com	2055 village park way 214	Encinitas, Ca 92024	Nov 12, 2015 at 9:50:48 AM
253	Christine Amato	christinemamato@gmail.com	7738 Anillo Way	Carlsbad, CA 92009	Mar 5, 2016 at 8:52:35 PM
254	Christine Estrada	Spiritseek619@yahoo.com	1545 E, Madison Ave	El Cajon, ca 92019	Nov 29, 2015 at 10:48:40 PM
255	Christine Lang	Christllang@gux.net	Ocean Crest Road	Cardiff, CA 92007	Dec 30, 2015 at 10:18:48 AM
256	Christine Usher	Cingmanson@gmail.com	640 San dieguito drive	Encinitas, Ca 92024	Nov 12, 2015 at 8:17:35 AM
257	Christopher Chanberlin	Djchamberlinmusic@live.com	1251A Eolus Ave.	Encinitas , CA 92024	Nov 13, 2015 at 10:33:14 AM
258	Christopher Harless	harlessc83@yahoo.com	263 countryhaven rd.	encinitas, CA 92024	Feb 23, 2016 at 8:43:14 AM
259	Christopher High	Cphigh@gmail.com	905 Melba Road	Encinitas, Ca 92024	Nov 12, 2015 at 6:46:59 AM
260	Christopher Peck	cspeck@gmail.com	1827 Bel Air Terrace	Encinitas, CA 92024	Feb 21, 2016 at 8:39:29 PM
261	Christopher Stines	cstines83@gmail.com	175 Mangano Circle	Encinitas, CA 92024	Mar 8, 2016 at 9:53:29 AM
262	Christy Bulskov	christybulskov@gmail.com	1660 S. El Camino Real G-103	Encinitas , CA 92024	Dec 4, 2015 at 8:36:16 AM
263	Christy Bustamante	Chtistyacct@cox.net	514 warwick	Cardiff, Ca 92007	Nov 12, 2015 at 7:04:46 AM
264	Christy English	Christinaenglish7@gmail.com	1418 arbor ct	Encinitas, CA 92024	Mar 3, 2016 at 10:38:38 AM
265	Christy English Bensch	angeldr3@att.net	3245 Calle Osuna	Oceanside , Ca 92056	Mar 5, 2016 at 11:33:29 AM
266	Christy Woodrow	Christytrip@gmail.com	118 Jupiter St	Encinitas, CA 92024	Mar 4, 2016 at 8:29:38 AM
267	Cindy godbey	eaglerock4@casscomm.com	126 aspen point	Petersburg, Illinois 62675	Nov 15, 2015 at 2:12:50 PM
268	cindy minton	cindy.minton@cox.net	1917 Oxford Ave	Cardiff, CA 92007	Mar 2, 2016 at 4:08:06 PM
269	Cindy May	cinkik@att.net	288 Gardendale Road	Encinitas, CA 92024	Nov 12, 2015 at 6:30:13 PM
270	Claire Jantzen	Claire.jantzen@gmail.com	P.O. Box 236068	Encinitas, CA 92023	Dec 2, 2015 at 11:41:21 PM
271	Claire Sarjeant	csarjeant@live.com	6175 Paseo Monona	Carlsbad, CA 92009	Dec 2, 2015 at 9:46:00 PM
272	Claire St james	Bajaclaire@yahoo.com	155 west jason st	Encinitas, Ca 92024	Mar 3, 2016 at 10:37:50 PM
273	Clement Qaqish	clemqaqish@gmail.com	1441 San Elijo Ave. Unit A	Cardiff, CA 92007	Nov 15, 2015 at 8:39:26 PM
274	Cody Caldwell	Cody_c760@mac.com	840 nolbey st	Cardiff, Ca 92007	Nov 12, 2015 at 10:22:55 AM
275	cody Wilkinson	cody.wilkinson@lpl.com	7783 corte Promenade	Carlsbad, CA 92009	Mar 12, 2016 at 9:23:06 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
276	Cole Bohdan	Colebohdan@yahoo.com	1633 pacific ranch drive	Encinitas, CA 92024	Jan 4, 2016 at 9:53:05 AM
277	Cole Jennings	colejennings.baseball@gmail.com	1507 Rubenstein Ave.	Cardiff, Ca 92007	Dec 2, 2015 at 10:42:58 PM
278	Cole Olson	coleibowli@gmail.com	628 santa fe	san diego, ca 92126	Nov 13, 2015 at 5:42:48 PM
279	Colin Duff	duff.co@husky.neu.edu	8033 Corte Sasafras	Carlsbad, CA 92009	Dec 3, 2015 at 5:36:17 AM
280	Colleen Veneri	coll.veneri@gmail.com	1366 Sea Village Dr.	Cardiff, CA 92007	Nov 23, 2015 at 3:35:56 PM
281	Collin Barraugh	collinbarraugh@yahoo.com	13855 Bruyere Court	San Diego, CA 92129	Nov 12, 2015 at 3:05:39 PM
282	colton valdez	colton.valdez4554@yahoo.com	1935 northstar way	san marcos , ca 92009	Nov 13, 2015 at 11:46:40 AM
283	connie siplyak	cnsncbs@yahoo.com	1335 greenlake drive	cardiff, ca 92007	Feb 21, 2016 at 7:55:42 PM
284	Connor Coury	timothy.coury@gmail.com	825 Dewitt Ave	Encinitas, CA 92024	Mar 2, 2016 at 11:37:00 PM
285	Conny Joel	cj_tangerine@yahoo.com	1092 Aloha Dr	Encinitas, CA 92024	Feb 22, 2016 at 11:22:24 AM
286	Cooper Johnson	Cjohnson2221@gmail.com	4325 sea bright drive	Carlsbad, CA 92008	Nov 13, 2015 at 12:46:15 PM
287	Cooper Mishler	Coopmishler@yahoo.com	804 Leucadia blvd	Leucadia, Ca 92024	Nov 12, 2015 at 9:16:10 AM
288	Corey Baker	corey.baker777@gmail.com	1425 Tzena Way	Encinitas , CA 92024	Nov 12, 2015 at 7:43:29 PM
289	Cori Dever	Coridever@gmail.com	453 moonlight Lane	Encinitas, Ca 92024	Nov 12, 2015 at 7:27:36 PM
290	Cori Martin	cori08@gmail.com	42380 Meadowlark Ridge	Murrieta, CA 92562	Nov 14, 2015 at 11:37:23 AM
291	Cori Schumacher	gypsivision@hotmail.com	954 Home Ave. Apt. L	Carlsbad, Ca 92008	Mar 4, 2016 at 5:31:21 AM
292	Corrie Anderson	Corrie@corrieanderson.com	1320 ocean ave unit c	Del mar, Ca 92014	Mar 7, 2016 at 8:37:02 PM
293	Cortney Devlin	Devlncm@yahoo.com	101 North Vulcan Ave	Encinitas , Ca 92024	Nov 29, 2015 at 5:06:33 PM
294	Cory Serna	Coryserna@gmail.com	Coryserna@gmail.com	Encinitas, Ca 92024	Nov 14, 2015 at 8:20:03 AM
295	Cory Volkening	cvolkening86@yahoo.com	1808 Cambridge Ave	Cardiff, CA 92007	Jan 19, 2016 at 8:59:47 AM
296	Courtney Fredricks	Fredricksc17@gmail.com	6920 brass buttons st	Carlsbad, Ca 92011	Dec 3, 2015 at 11:52:31 AM
297	Courtney Walsh	courtneywalsh133@yahoo.com	2906 Las Olas Ct	Carlsbad, CA 92009	Nov 13, 2015 at 7:06:19 AM
298	Craig Bullas	gotcabo@yahoo.com	1106 2nd st. #288	Encinitas, CA 92024	Nov 12, 2015 at 9:40:11 AM
299	Craig Davidson	craig_d@mac.com	202 Liszt Ave	Cardiff, CA 92007	Nov 13, 2015 at 4:47:39 PM
300	Craig Ellingson	Craige62@gmail.com	1749 N. Vulcan #8	Encinitas , CA 92024	Nov 13, 2015 at 2:39:15 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
301	Craig Geertsema	Craiggeertsema@aol.com	8017 Paseo Avellano	Carlsbad, Ca 92009	Mar 10, 2016 at 12:03:21 PM
302	CRAIG MIRAMON	cmmsurf@hotmail.com	149 Basil St	Encinitas, CA 92024	Nov 30, 2015 at 1:09:18 AM
303	Cristina Machado	machado6944@gmail.com	645 S. Stage Coach Lane	Fallbrook, CA 92028	Mar 3, 2016 at 8:31:28 PM
304	Crystal Sandoval	Encinitas.crys@gmail.com	2216 summerhill drive	Encinitas, Ca 92024	Nov 12, 2015 at 9:59:05 PM
305	Curtis Drown	CDrown8720@aol.com	1584 Summit Ave.	Cardiff, Ca. 92007	Nov 22, 2015 at 6:21:26 PM
306	Cydney Melton	cardiffcydney@yahoo.com	1570 Lake Drive	Cardiff, CA 92007	Nov 12, 2015 at 8:16:58 PM
307	cynthia henderson	c.henderson@cox.net	665 santa fe dr.	encinitas, Ca. 92024	Dec 17, 2015 at 2:21:03 PM
308	Cynthia Reagan	cynthia.reagan@sbcglobal.net	2315 Edinburg Avenue	Cardiff , CA 92007	Feb 15, 2016 at 10:48:52 AM
309	Dale Houts	dalehouts@gmail.com	2022 Via Tiempo	Cardiff, CA 92007	Nov 12, 2015 at 1:10:43 PM
310	Dallas Ashley	sfrdallas@gmail.com	986 Woodgrove Dr	Cardiff, CA 92007	Nov 13, 2015 at 4:32:49 PM
311	Dallas Smith	dsglass69@hotmail.com	7940 avenida diestro	Carlsbad , CA 92009	Nov 12, 2015 at 8:14:58 PM
312	Dan Bright	dbright1@cox.net	858 Stratford Drive	Encinitas, CA 92024	Mar 13, 2016 at 5:25:56 PM
313	Dan Caldwell	dancolor2@mac.com	840 Nolbey Street	Cardiff, CA 92007	Nov 12, 2015 at 10:27:40 AM
314	Dan Ferraro	Dan.ferraro12@gmail.com	1940 Montgomery Ave	Cardiff, Ca 92007	Mar 3, 2016 at 7:28:58 PM
315	Dan Warner	Dwarner7@gmail.com	1873 Playa Riviera	Cardiff, CA 92007	Mar 12, 2016 at 2:47:22 PM
316	Dana Gilchrist	dana.gichrist@cox.net	704 Regal Rd C-7	Encinitas, Ca 92024	Mar 1, 2016 at 10:35:36 PM
317	Dana McGuire	Dlovette80@hotmail.com	2033 Mackinnon Ave	Cardiff, CA 92007	Nov 15, 2015 at 7:23:36 PM
318	Dana Plant	danaplant@att.net	132 Candy Lane	Encinitas, CA 92024	Mar 1, 2016 at 4:57:20 PM
319	Dana Ralston	danaralstonsmusic@gmail.com	1952 Misty Circle	Encinitas, CA 92024	Mar 2, 2016 at 9:39:10 PM
320	Danae Shadburn	Mina-dog@hotmail.com	820 Doris drive	Encinitas, CA 92024	Feb 21, 2016 at 6:23:34 PM
321	Daniel Cotter	Poseidonspulse@gmail.com	7905 Corte Felipe	Carlsbad, CA 92009	Nov 13, 2015 at 10:38:35 AM
322	Daniel Gonzales	Setti327@msn.com	1010 east Bobier Dr. #69	Vista, Ca. 92084	Nov 13, 2015 at 4:59:09 AM
323	Daniel Kim	dkim@kiho.com	1655 Haydn Drive	Cardiff, CA 92007	Mar 22, 2016 at 11:29:11 AM
324	Daniel Losey	danlosey94@yahoo.com	929 Neptune Avenue	Encinitas, CA 92024	Nov 11, 2015 at 11:22:15 PM
325	Daniel Lowe	drichlowe@gmail.com	942 Arden Dr	Encinitas, CA 92024	Nov 20, 2015 at 2:49:43 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
326	Daniel Seplovich	dseplovich@gmail.com	1343 scenic dr	escondido, CA 92029	Nov 29, 2015 at 7:03:55 PM
327	Daniel Uake	daniel@lostsurfboards.net	West Street	Oceanside, CA 92054	Dec 17, 2015 at 5:37:06 PM
328	Daniel Yabrove	daniely91@yahoo.com	Seeman Drive	Encinitas , CA 92024	Dec 17, 2015 at 6:55:51 PM
329	Danielle Andrews	daniandrews36@yahoo.com	P.O. Box 97	San Geronimo, CA 94963	Mar 5, 2016 at 7:44:28 AM
330	Danielle Gibson-Stiglich	Sfcdani@yahoo.com	1443 Avenida La Posta	Encinitas, Ca 92024	Feb 21, 2016 at 2:53:25 PM
331	Danielle Lampitt	danilampitt@gmail.com	17373 circa Del Norte	rancho Santa Fe , CA 92067	Nov 12, 2015 at 6:04:01 PM
332	Danielle Lyons	Danielleblacklyons@gmail.com	1600 turquoise drive	Carlsbad, Ca 92011	Nov 22, 2015 at 12:21:09 PM
333	Danny Caldwell	Dannycaldwell@mac.com	1680 N Coast Hwy 101 Unit 3	Encinitas, Ca 92024	Nov 12, 2015 at 10:29:13 PM
334	Danyela Aviles	Danyelajecel@gmail.com	146 leucadia blv	Encinitas, Ca 92028	Dec 2, 2015 at 10:11:39 PM
335	danyella burciaga	danyellaburciaga@sandiego.edu	7339 paseo capuchina	calrbsad, ca 92009	Nov 12, 2015 at 12:01:53 PM
336	Darrel D'Amico	surfingthe101@yahoo.com	333 Via Nancita	Encinitas, CA 92024	Nov 12, 2015 at 10:06:00 AM
337	Daryn Goodwin	myepicwave@gmail.com	1419 San Elijo Ave	Cardiff, CA 92007	Nov 12, 2015 at 9:52:27 AM
338	Dave Gonyer	Dagonyer@yahoo.com	1715 Haydn Druce	Cardiff, CA 92007	Nov 10, 2015 at 8:12:59 PM
339	Dave Horstmann	dhorst986@gmail.com	8115 Twin Hills Drive	Houston, Texas 77071	Nov 23, 2015 at 10:29:18 PM
340	Dave Kachorek	Davek@firestonebeer.con	1071 bonita drive	Encinitas, Ca 92024	Nov 11, 2015 at 8:56:18 PM
341	dave Kaplan	dave@surfdog.com	1126 South Coast Highway 101	Encinitas, CA 92024	Mar 9, 2016 at 10:56:53 AM
342	Dave Matthew	davematthew90@gmail.com	Union Street	Encinitas , CA 92024	Dec 17, 2015 at 5:42:06 PM
343	Dave Musil	dave.musil@gmail.com	135 Avocado Street	Leucadia, CA 92024	Nov 12, 2015 at 9:19:24 AM
344	Dave Penman	dvdpenman@gmail.com	2317 San Elijo Ave	Cardiff, CA 92007	Nov 11, 2015 at 6:02:26 AM
345	Dave Raymond	Daveraymond3452@gmail.com	3452 pleasant vale drive	Carlsbad, Ca 92010	Mar 2, 2016 at 5:20:05 PM
346	Dave Stuempfig	dstump99@gmail.com	1820 Dora Dr	Cardiff, CA 92007	Nov 12, 2015 at 6:02:01 PM
347	David Allen	birdlegsaz@gmail.com	13626 Via Viejo	San Diego, CA 92130	Nov 13, 2015 at 7:42:28 AM
348	David Bauer	Dave@bauerpci.com	115 Verdi Ave	Cardiff, Ca 92007	Nov 12, 2015 at 9:10:57 PM
349	David Cummings	Dmcummings@hotmail.com	1471 golden sunset dr	San Marcos , Ca 92078	Mar 4, 2016 at 8:11:51 AM
350	David Deioma	worldwidet@yahoo.com	7945 Scriver Ct.	Cotati, CA 94931	Mar 4, 2016 at 6:48:46 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
351	David DeLaTorre	delatorre41@gmail.com	393 Requeza St	Encinitas, CA 92024	Nov 15, 2015 at 10:05:08 AM
352	David Grosher	davidcgrosher@gmail.com	2172A Oxford Ave.	Cardiff, CA 92007	Nov 16, 2015 at 8:44:52 AM
353	David Hanst	Dlhanst@cox.net	1631 Rubenstein Dr	Cardiff, Ca 92007	Nov 26, 2015 at 5:44:37 PM
354	David Jensen	djensen92110@yahoo.com	2404 Caminito Ocean Cove	Cardiff, CA 92007	Nov 11, 2015 at 5:17:35 PM
355	David Larson	bocasdt@gmail.com	370 Playa Blanca	Encinitas, CA 92024	Nov 12, 2015 at 8:42:18 AM
356	David Painter	david.painter@cox.net	2021 Montgomery Ave	Cardiff, Ca 92007	Nov 13, 2015 at 5:38:43 PM
357	David Posey	dposey@900-design.com	14654 via fiesta #3	san diego, CA 92127	Dec 7, 2015 at 1:52:43 PM
358	David Reagan	reagan.david@sbcglobal.net	2315 Edinburg Avenue	Cardiff , CA 92007	Feb 15, 2016 at 10:50:09 AM
359	David Smiley	dsmiley007@gmail.com	1145 SEA VILLAGE DR	Cardiff, CA 92007	Nov 12, 2015 at 12:06:20 PM
360	David Suckling	dhunter_98@yahoo.com	403 Requeza St	Encinitas, CA 92024	Mar 3, 2016 at 5:37:33 PM
361	David Walker	Dwbolts@yahoo.com	627 Marsolan Ave	Solana Beach, CA 92075	Mar 4, 2016 at 9:57:30 AM
362	David Walsey	davidwalsey@gmail.com	6649 brookite ct	carlsbad, ca 92009	Mar 21, 2016 at 5:17:17 PM
363	Davis Karp	karpdavis@gmail.com	5249 Milton Road	Carlsbad, CA 92008	Nov 13, 2015 at 8:40:26 AM
364	Dawn Taarud	sunshinedawnh@yahoo.com	1267 Greenlake Dr	Cardiff, CA 92007	Mar 2, 2016 at 7:40:24 PM
365	Dean Hall	deanhall32@yahoo.com	541 Cornish Dr	Encinitas , CA 92024	Feb 22, 2016 at 1:48:06 PM
366	Deb Weir	Dweir@willisallen.com	273 Sea View Ct.	Encinitas, CA 92024	Mar 2, 2016 at 1:35:15 PM
367	Debbie Conover	debbieconover808@gmail.com	364 2nd street. #D	Encinitas, CA 92024	Mar 3, 2016 at 7:39:54 PM
368	Debbie Sands	Dgsands2@yahoo.com	3015 Via de Caballo	Encinitas, Ca 92024	Feb 23, 2016 at 1:13:03 PM
369	Deborah Bicher	djbicher@gmail.com	1203 San Dieguito Dr	Encinitas, CA 92024	Mar 3, 2016 at 9:19:43 AM
370	Deborah Drown	cussurf2@aol.com	1584 summit Ave	Cardiff, Ca 92007	Nov 22, 2015 at 6:26:01 PM
371	Deborah Havens-wren	Chirolady2@gmail.com	1105 Gardena Road	Encinitas, CA 92024	Nov 13, 2015 at 5:48:14 AM
372	Deborah Lefevre	deb@greglefevre.com	1320 Summit Ave.	Cardiff, CA 92007	Mar 25, 2016 at 3:44:59 PM
373	Debra Axler	gratedogs@aol.com	1471 Rubenstein Ave	Cardiff, CA 92007	Nov 12, 2015 at 9:42:15 PM
374	DeeDee Kirsch	Dedekursch@cox.net	2517 Newport Avenue	Cardiff, CA 92007	Nov 13, 2015 at 9:28:37 AM
375	Deirdre Wisniewski	deirdre3@COX.NET	939 Las Brisas Way	Cardiff, CA 92007	Dec 11, 2015 at 12:45:46 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
376	Delaney Crowe	delaney.crowe@gmail.com	375 Via Linda Del Sur	Encinitas, CA 92024	Nov 13, 2015 at 9:29:04 AM
377	Delaney Hulshof	laneyc223@gmail.com	1623 Hawk View Drive	Encinitas , CA 92024	Mar 3, 2016 at 9:45:01 AM
378	delfina squrr	edancornfam@sduhsd.net	1035 rolbey street	cardiff, ca 92007	Nov 13, 2015 at 3:43:01 AM
379	Denali Bishop	denalirose96@gmail.com	1003 Guildford Ct.	Encinitas, CA 92024	Nov 15, 2015 at 12:09:01 PM
380	Denise Foyle	Dmg.foyle@gmail.com	1487 San Elijo Ave	Cardiff, CA 92007	Mar 16, 2016 at 6:00:17 PM
381	Denise Litt	Deniselitt@hotmail.com	1831 gatepost rd	Encinitas, Ca 92024	Mar 7, 2016 at 12:57:51 PM
382	dennis bennett	dennisb@facilitiesservicecenter.com	1717 Westminster Dr.	Cardiff , CA 92007	Feb 11, 2016 at 9:27:32 AM
383	Dennis Fee	surfee55@gmail.com	P.O. Box 439030 P.M.B.#52	San Ysidro, CA 92143	Nov 13, 2015 at 11:46:38 AM
384	Derek Wilson	Dwil46andtool@yahoo.com	821 Elmview Dr.	Encinitas, CA 92024	Nov 13, 2015 at 6:47:24 AM
385	Devin Lasek	Devin.lasek@gmail.com	3255 fortuna ranch road	Encinitas , CA 92024	Nov 12, 2015 at 10:38:32 PM
386	Diana Mikes	Dldmiles@aol.com	1526 Rubensyein Av	Cardiff, CA 92007	Mar 8, 2016 at 10:47:51 AM
387	Diana Tracy	Dkt57@sbcglobal.net	7991 paseo aliso	Carlsbad, Ca 92009	Feb 9, 2016 at 4:44:07 PM
388	Diane Aiken	Theaikens@mac.com	4977 Marin Drive	Oceanside, CA 92056	Mar 4, 2016 at 7:38:20 AM
389	Dick/Coleen Flaherty	flahertycd@cox.net	30 McNeill Ave	Encinitas, CA 92024	Mar 1, 2016 at 12:50:54 PM
390	Diggy Valois	diggyvalois@gmail.com	213 Pacific View Lane	Encinitas, CA 92024	Nov 12, 2015 at 9:35:32 PM
391	doan nguyen	lovestonedgypsy21@gmail.com	1959 lahoud dr	cardiff, ca 92007	Nov 12, 2015 at 6:06:19 PM
392	domenica berman	domenicaberman@yahoo.com	1907 park crest drive	cardiff, ca 92007	Mar 3, 2016 at 10:57:04 AM
393	Dominick Bass	Dbass1994@yahoo.com	2939 via ipanema	Carlsbad, Ca 92009	Nov 13, 2015 at 2:57:50 PM
394	don gilbert	donstoeson@gmail.com	6721 clover ct	carlsbad, calif 92011	Nov 12, 2015 at 7:50:09 PM
395	Don H. Cameron	dnhcameron@cox.net	1662 Caudor Drive	Encinitas, CA 92024	Mar 3, 2016 at 1:11:54 PM
396	Don/Cheryl Ailshire	balmy110@yahoo.coom	2387 Newport Ave.	Cardiff, CA 92007	Feb 3, 2016 at 10:45:17 PM
397	Donald Ailshire	balmy110@yahoo.com	2387 Newport Ave.	Cardiff, CA 92007	Mar 3, 2016 at 11:03:58 PM
398	Donna Martin	Dbythac@gmail.com	2231 Ruddy Duck Ct	Cardiff, CA 92007	Jan 22, 2016 at 12:27:43 PM
399	Donna Orr	donnalorr51@gmail.com	2805 esturion st	carlsbad, ca 92009	Nov 12, 2015 at 8:06:26 PM
400	Donna Skee	Skeeme1@icloud.com	736 cypress hills dr	Encinitas , Ca 92024	Nov 12, 2015 at 7:12:16 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
401	Donovan Kelley	donovankelley2@yahoo.com	3259 sitio tortuga	Carlsbad, CA 92009	Nov 12, 2015 at 4:25:17 PM
402	Doreen Chopp	doreen.moore@comcast.net	4635 Sis's Place	Prince Frederick, Md 20678	Nov 12, 2015 at 3:16:38 PM
403	Dorothy Stanley	des0607@yahoo.com	364 Paseo Pacifica	Encinitas, CA 92024	Jan 9, 2016 at 2:57:10 PM
404	Douglas Hughes	D.alex.hughes@gmail.com	2600 Manchester ave	Cardiff, Ca 92007	Mar 5, 2016 at 8:35:11 PM
405	Douglas Owens	prettynoiselab@gmail.com	1055 Woodlake Dr	Cardiff, CA 92007	Mar 1, 2016 at 10:52:52 AM
406	Dr. Lorri Greene	lgreene98@aol.com	2058 Oxford Ave.	Cardiff, CA 92007	Nov 16, 2015 at 12:39:27 PM
407	Drew Cady	hanumandru@yahoo.com	903 Stratford Ct	Del Mar, CA 92014	Mar 4, 2016 at 11:59:25 PM
408	Drew Karson	dakarson@g.ucla.edu	3240 Avenida Anacapa	Carlsbad, CA 92009	Nov 12, 2015 at 11:11:08 PM
409	Drew Mead	drewmead227@gmail.com	7275 Sitio Lima	Carlsbad, CA 92009	Dec 3, 2015 at 3:04:23 PM
410	Drew Wilcox	Dreww@adventure16.com	526 Camino Del mar #14	Del mar, Ca 92130	Mar 8, 2016 at 9:22:54 PM
411	Dsvid Carter	Dcarter@csod.gom	2423 san elijo sve	Cardiff, Ca 92007	Nov 12, 2015 at 8:09:59 AM
412	Dustin Adler	dustinadler7@gmail.com	1613 San Elijo Ave.	Cardiff, CA 92007	Dec 7, 2015 at 4:16:34 PM
413	Dustin Sleet	dustinsleet@gmail.com	1759 swallowtail rd	Encinitas, CA 92024	Nov 12, 2015 at 8:56:35 PM
414	Dylan Delgado	Mavs_rams@yahoo.com	2852 avenida valera	Carlsbad, Ca 92009	Nov 12, 2015 at 8:58:58 AM
415	Ed Thielicke	rethielicke@aol.com	1615 San Elijo Ave.	Cardiff, CA 92007	Nov 14, 2015 at 6:52:16 PM
416	Eddie Emery	eddievemery@gmail.com	3082 Blume Dr	Rossmoor, CA 90720	Mar 9, 2016 at 10:13:40 AM
417	Edward Beail	edbeail@yahoo.com	1621 San Elijo Ave	Cardiff , CA 92007	Dec 13, 2015 at 1:39:03 PM
418	Edward Holland	Edwardholland82@gmail.com	1415 Caminito septimo	Cardiff, Ca 92007	Nov 14, 2015 at 7:22:11 AM
419	Eileen Quintela	eileen2065@gmail.com	2503 Ocean Cove Drive	Cardiff, CA 92007	Nov 23, 2015 at 5:18:00 PM
420	elaine martin	elainebmartin@yahoo.com	1510 Gershwin St	Cardiff, Ca 92007	Mar 2, 2016 at 9:06:34 AM
421	Eli Miller	emiller@cmsmetals.com	Manchester	Cardiff, CA 92007	Dec 9, 2015 at 7:34:55 PM
422	Elise Trautvetter	schachen@tjsl.edu	Ocean View Avenue	Encinitas, CA 92024	Nov 22, 2015 at 5:03:02 PM
423	Elizabeth Geisler	Elizabeastly@yahoo.com	1719 Old Mill Ct	Encinitas, Ca 92024	Nov 12, 2015 at 7:15:47 PM
424	Elizabeth Herr	Eherr98@gmail.com	2145 Manchester ave	Cardiff, Ca 92007	Nov 12, 2015 at 8:20:06 PM
425	Elizabeth Howard	Ehoward421@hotmail.com	2109 Silverado street	San marcos, CA 92078	Nov 12, 2015 at 2:17:27 PM

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	Name	Email	Street Address	City, State, Zip	Date form submitted
426	elizabeth kaser	ecbkaser@gmail.com	2253 via blanca	Oceanside , CA 92054	Mar 7, 2016 at 2:23:48 PM
427	Elizabeth Kelly	Elizabetharoni@gmail.com	2930 Via Emerado	Carlsbad, Ca 92009	Dec 3, 2015 at 6:11:51 AM
428	Elizabeth Lieberman	Lizzy.lieberman123@gmail.com	3598 Corte Luisa	Carlsbad, Ca 92009	Nov 12, 2015 at 5:11:08 PM
429	Elizabeth Zollars	Liz.zollars@gmail.com	7923 sitip granado	Carlsbad, CA 92009	Nov 12, 2015 at 9:40:43 PM
430	Ella Boyce	Boyce.ella@gmail.com	1713 Tattenham Rd	Encinitas , CA 92024	Dec 3, 2015 at 10:08:02 AM
431	Ellie Abrahamson	abraeg13@wfu.edu	7915 Corte Penca	Carlsbad, CA 92009	Dec 3, 2015 at 7:51:28 PM
432	Emily Belt	embelt@aol.com	4611 Altadena Ave	San Diego, CA 92115	Mar 5, 2016 at 10:46:42 PM
433	Emily Burns	emi.burnzy@gmail.com	1075 Wotan Drive	Encinitas, CA 92024	Nov 12, 2015 at 12:36:57 PM
434	Emily Butler	emilyb234@yahoo.com	241 West G st	Benicia, CA 94510	Nov 13, 2015 at 10:48:19 AM
435	Emily hall	snowboarding4me@gmail.com	2443 corte azul	carlsbad, ca 92009	Nov 14, 2015 at 10:54:00 AM
436	Emily Kessler	Emil@elihoward.com	Po box 232690	Encinitas, Ca 92023	Nov 12, 2015 at 3:31:55 PM
437	Emily Mazza	mazzae98@gmail.com	2407 Summerhill dr.	Encinitas , CA 92024	Nov 12, 2015 at 8:59:21 PM
438	Emily McCartney	emilymccartney@gmail.com	1820 crest drive	Encinitas , CA 92024	Nov 12, 2015 at 8:09:59 AM
439	Emily Molina	Emolina81@gmail.com	2451 Manchester ave	Cardiff , Ca 93007	Mar 9, 2016 at 9:28:06 AM
440	Emily Murray	Emilymurray529@yahoo.com	1234 Vulcan ave	Encinitas, Ca 92024	Dec 9, 2015 at 1:58:42 PM
441	Emily Peters	Emilypeters47@gmail.com	7885 Sito Mirto	Carlsbad, CA 92009	Nov 12, 2015 at 6:58:24 PM
442	Emily Quandt	emily.e.quandt@gmail.com	1750 S. El Camino Real	Encinitas, CA 92024	Dec 2, 2015 at 6:49:13 PM
443	Emma Abrahamson	emma.abrahamson@roadrunner.com	7915 Corte Penca	Carlsbad, CA 92009	Dec 2, 2015 at 10:34:32 PM
444	Emma Journey	emmajourney13@gmail.com	156 Athena street	Encinitas, CA 92024	Nov 12, 2015 at 10:13:54 PM
445	Emmy Croskery	thepriceisemmy@gmail.com	847 N Vulcan Avenue Apt E	Encinitas , Ca 92024	Mar 8, 2016 at 5:14:46 AM
446	Eric Blehm	eric@ericblehm.com	2033 San Elijo Avenue #482	Cardiff , CA 92007	Nov 11, 2015 at 7:24:21 PM
447	Eric Coolbaugh	coolbaugh@sbcglobal.net	1760 Haydn Dr.	Cardiff, CA 92007	Nov 20, 2015 at 11:36:53 AM
448	Eric Eggeraat	Eggeraat.eric@gmail.com	2058 Montgomery Ave	Cardiff, CA 92007	Nov 27, 2015 at 8:48:27 AM
449	Eric Holley	Aroq@yahoo.com	Caminito ocean cove	Cardiff , Ca 92007	Nov 30, 2015 at 5:31:13 PM
450	Eric leitstein	eleitstein@cox.net	2505 Rosemary ct	Encinitas, CA 92024	Jan 18, 2016 at 7:46:24 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
451	Eric Olson	Ericolson1@yahoo.com	110 Kilkenny Dr.	Cardiff, Ca 92007	Feb 21, 2016 at 3:12:13 PM
452	Eric Stamm	fireandwater3@gmail.com	2140 Orinda DR Unit B	Cardiff, Ca 92007	Mar 25, 2016 at 9:02:35 AM
453	Erica Moser	erica@themosers.com	1026 Glen Arbor Drive	Encinitas, CA 92024	Nov 12, 2015 at 12:05:15 PM
454	Erica Ream	Ejream@gmail.com	1644 Mackinnon ave	Cardiff, Ca 92007	Mar 6, 2016 at 5:12:29 PM
455	ERICK DE LA PENA	bajamarine@hotmail.com	1563 Evergreen St.	san diego, CA 92106	Mar 3, 2016 at 7:41:19 PM
456	Ericka Dennis	eransdell@hotmail.com	1636 Haydn Drive	Cardiff, CA 92007	Nov 12, 2015 at 8:12:39 AM
457	Erik Humphrey	erikshumphrey@gmail.com	1034 San Andrade Dr	Encinitas, CA 92024	Nov 13, 2015 at 5:41:49 PM
458	Erik stadelmann	erikstudelmann@yahoo.com	2040 Manchester	cardiff, ca 92007	Nov 12, 2015 at 1:00:22 AM
459	Erika Gonyer	Erikatawn@yahoo.com	1715 Haydn Dr.	Cardiff, CA 92007	Feb 22, 2016 at 10:37:09 AM
460	Erika Redlinger	Erikaredlinger@gmail.com	2013 Countryhaven Ct.	Encinitas , CA 92024	Nov 12, 2015 at 7:15:53 AM
461	Erin McNalley	Erin.mcnalley@gmail.com	701 3rd St.	Encinitas, CA 92025	Nov 14, 2015 at 10:11:33 AM
462	Erin McPeak	erin.mcpeak@gmail.com	929 Woodlake Drive	Cardiff, CA 92007	Nov 11, 2015 at 8:10:12 PM
463	Erin Nelson	erinspcvalet@yahoo.com	1742 Ruthlor Rd	Cardiff, CA 92007	Nov 11, 2015 at 4:35:10 PM
464	ERIN RILEY	erinleighriley17@gmail.com	699 N. VULCAN AVE. #22	ENCINITAS, CA 92024	Nov 11, 2015 at 7:21:08 PM
465	Erin Rousey	Erinrousey@gmail.com	1106 2nd st	Encinitas, Ca 92024	Nov 13, 2015 at 6:50:12 AM
466	Etani Fajardo	etanirose@gmail.com	2503 Sombrosa place	Carlsbad , Ca 92009	Nov 12, 2015 at 7:39:57 AM
467	Ethan Bender	Bender760@gmail.com	1824 Playa Riviera	CARDIFF, Ca 92007	Nov 12, 2015 at 9:35:39 PM
468	Evan Larkin	Evan@ElevenEndeavors.com	1685 San Elijo Ave	Cardiff, CA 92007	Mar 30, 2016 at 9:58:54 AM
469	Evan Usher	Evan.usher@gmail.com	640 San dieguito drive	Encinitas , Ca 92024	Nov 12, 2015 at 8:12:29 AM
470	fernanda carvahlo	f.nanda.carvahlho@hotmail.com	1710 s. el camino real	encinitas, ca 92024	Mar 15, 2016 at 10:27:53 PM
471	Francisca Ortega	franciscaortega969@yahoo.com	1831 Blue Bonnet Pl.	Encinitas, CA 92024	Mar 4, 2016 at 10:20:15 AM
472	Frank DelSavio	fdelsavio@hotmail.com	1636 legaye dr.	Cardiff, CA 92007	Dec 6, 2015 at 9:08:58 AM
473	Frederique Vernhes	fvernhes@me.com	3652 sage canyon drive	Encinitas, CA 92024	Mar 4, 2016 at 10:14:41 AM
474	Gabe Willes	gw.willes6@gmail.com	3010 Quebrada cir	Carlsbad, CA 92009	Dec 3, 2015 at 7:17:52 PM
475	Gabriela Currid	gabmarquez@gmail.com	664 37th Av	sabra cruz, ca 95062	Mar 3, 2016 at 9:44:48 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
476	Galen Galloway	Gmontgalloway@gmail.com	1423 Summit Ave	Cardiff, CA 92007	Mar 30, 2016 at 10:52:31 AM
477	Garett Kolonay	kolonay.garett@gmail.com	2309 Via Platillo	Carlsbad, CA 92009	Nov 15, 2015 at 11:52:58 AM
478	Garrett Moon	gmoonphotos@gmail.com	1510 Summit Avenue	Cardiff , CA 92007	Nov 13, 2015 at 9:43:53 AM
479	Garrison Beck	Garrisongradybeck@gmail.com	932 springwood lane	Encinitas, CA 92024	Dec 3, 2015 at 6:51:18 AM
480	Garth Valentine	actualphotollc@yahoo.com	Edinburg Avenue	Cardiff, CA 92007	Dec 9, 2015 at 7:42:42 PM
481	Gary Dervetski	Dervetskiconsulting@gmail.com	762 kings cross court	Cardiff, Ca 92024	Feb 22, 2016 at 12:33:51 PM
482	Gary Dyer	gjswamis@hotmail.com	822 Vera St.	Solana Beach, CA 92075	Jan 2, 2016 at 8:18:30 AM
483	Gary Myron	gmymy49@gmail.com	Cornish Drive	Encinitas , CA 92024	Dec 17, 2015 at 5:44:07 PM
484	Gary Young	garyyoung@sbcglobal.ner	645 Ida Ave.	Solana Beach, Ca. 92075	Mar 2, 2016 at 11:44:10 AM
485	Gaye Munneke	Beamersr4me@hitmail.com	1474 Via Terrassa	Encinitas , Ca 92024	Nov 23, 2015 at 10:50:12 AM
486	Genevieve Stelmach	Gmay70@aol.com	15223 NW 2nd Ave	Vancouver, WA 98685	Nov 12, 2015 at 9:54:58 PM
487	George Furgerson	Furgerson@sbcglobal.net	343 Camino de las Flores	Enciniitas, Ca 92024	Mar 19, 2016 at 8:02:52 AM
488	George Gastellum	Bmob77@yahoo.com	8282-37 Gillman Drive	La Jolla, .CA 92037	Feb 22, 2016 at 10:14:29 AM
489	George Workman	georgeworkman3@gmail.com	Summit	Cardiff, CA 92007	Dec 17, 2015 at 6:50:32 PM
490	Gerald Foster	Geraldofoster@gmail.com	1680 north coast hwy 101, unit 27	Encinitas, CA 92024	Mar 12, 2016 at 10:16:05 AM
491	Gia Quiroga	Gia_quiroga@yahoo.com	734 Orpheus Ave	Encinitas, CA - CA 92024	Mar 7, 2016 at 2:28:17 PM
492	Gina correll	ginacorrell@gmail.com	725 Stratford Drive	Encinitas, CA 92024	Nov 19, 2015 at 5:27:39 PM
493	Glen Deuchars	gmd87@gmail.com.com	2350 newcastle ave	Cardiff, ca 92007	Nov 30, 2015 at 5:44:47 PM
494	Glen Gordon	glen.gdon@gmail.com	812 Ocean Surf Dr	Solana Beach, CA 92075	Nov 12, 2015 at 11:55:18 PM
495	Glenn Farr	farrsouth1@gmail.com	2250 9th Street	Olivenhain, CA 92024	Mar 6, 2016 at 8:51:32 PM
496	Goie Cosca	gcosca@gmail.com	727 Snapdragon street	Encinitas, Ca 92024	Mar 3, 2016 at 7:44:23 PM
497	grace berg	grassberg@icloud.com	2118 poppyfield place	encinitas, ca 92024	Nov 12, 2015 at 4:09:03 PM
498	Grace Halvorson	gahalvorson@gmail.com	2938 Avenida Pimentera	Carlsbad, CA 92009	Nov 12, 2015 at 4:07:34 PM
499	Grahm Gessner	Grahm.gessner@gmail.com	341 Willowspring Dr N	Encinitas , CA 92024	Nov 12, 2015 at 6:54:22 AM
500	Grant Schubert	Grant@sudwerkbrew.com	2068 Montgomery ave.	Cardiff , Ca 92007	Jan 9, 2016 at 9:44:17 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
501	Greg Calise	Gregcalise@yahoo.com	2541 Manchester Ave	Cardiff, Ca 92007	Mar 9, 2016 at 9:32:13 AM
502	Greg Del Campo	Gdcinc@hotmail.com	2109 Oxford ave	Cardiff, CA 92007	Mar 1, 2016 at 11:36:34 AM
503	Greg Ford	gregford68@sbcglobal.net	2351 Manchester Ave	Cardiff, CA 92007	Jan 26, 2016 at 9:45:51 PM
504	Greg Lowe	gslowe19@pacbell.net	7984 Paseo Aliso	Carlsbad, CA 92009	Mar 25, 2016 at 10:29:29 AM
505	Greg Olynger	golynger@hotmail.com	1223 HERMES AVE	ENCINITAS, CA 92024	Nov 12, 2015 at 4:24:51 PM
506	Greg Sauritch	sauritch@cox.net	1022 Dewitt Ave	Encinitas, CA 92024	Nov 28, 2015 at 2:34:14 PM
507	Gregory Barbin	gtbarbin@gmail.com	116 Liszt Ave	Cardiff, Ca 92007	Dec 1, 2015 at 6:38:24 PM
508	Gregory Harris	gregoryh92009@gmail.com	937 Doris Dr	Encinitas, CA 92024	Jan 26, 2016 at 3:36:20 PM
509	Gregory Kouris	gregorykouris@gmail.com	12450 Dormouse Road	San Diego, CA 92129	Dec 2, 2015 at 5:56:30 PM
510	Gregory Smith	Thehikerscoop@gmail.com	1308 mackinnon ave	Cardiff, Ca 92007	Nov 29, 2015 at 5:15:47 PM
511	Griffin Knipe	knipegp@gmail.com	609 Arden Drive	Encinitas, CA 92024	Nov 12, 2015 at 9:43:41 PM
512	Griffin Nordin	Hatguru13@gmail.com	1077 Goldeneye View	Carlsbad , CA 92011	Nov 13, 2015 at 12:56:57 AM
513	guy skinner	guy@jblspearguns.com	203 n. vulcan ave	encinitas, ca 92058	Mar 15, 2016 at 10:20:32 PM
514	Hailey Hofer	haileyhofer96@gmail.com	2400 E Nifong Blvd Apt 1005	Columbia, MO 65201	Nov 13, 2015 at 10:34:44 AM
515	Hailey Johnson	hailey.j1224@yahoo.com	3191 Via de Caballo	Encinitas, CA 92024	Nov 12, 2015 at 6:44:07 PM
516	haleigh bartow	haleighbartow@gmail.com	ruddy duck ct	cardiff, ca 92007	Nov 13, 2015 at 12:24:55 PM
517	Hannah Henry	Hannah.Henry11@gmail.com	7932 Sitio Baniano	Carlsbad, CA 92009	Nov 12, 2015 at 9:50:18 PM
518	Hannah Manchel	hmanchel@gmail.com	13572 Lopelia Meadows Place	San Diego, CA 92130	Nov 12, 2015 at 5:02:49 PM
519	Hartmut Loch	Hhloch@gmail.com	2831 Luciernaga Street	Carlsbad, CA 92009	Mar 2, 2016 at 10:17:44 PM
520	Haven Dunn	Haven@dstreetbarandgrill.com	485 S Coast Hwy 101, Encinitas CA	Encinitas, Ca 92024	Mar 4, 2016 at 9:14:28 AM
521	Hayden Hill	Zenride76@gmail.com	699 north Vulcan	Encinitas, Ca 92024	Nov 12, 2015 at 10:41:30 PM
522	Hayley Gordon	hgsouth@gmail.com	1233 Loch Lomond Dr	Cardiff, CA 92007	Mar 7, 2016 at 9:40:21 PM
523	Heath Metzler	hellyeah858@hotmail.com	1637 San Elijo Ave	Cardiff, CA 92007	Nov 12, 2015 at 8:48:00 PM
524	heather concannon	hconcannon@roadrunner.com	280 countryhaven Rd	encinitas, CA 92024	Nov 13, 2015 at 10:02:32 AM
525	Heather Jones	Sayhitoheather@msn.com	2549 ocean cove drive	Cardiff, Ca 92007	Nov 12, 2015 at 11:20:22 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
526	Heather Loegering	toeshoequeen@gmail.com	5050 E Garford St.	Long Beach, CA 92014	Nov 13, 2015 at 8:51:20 PM
527	Heather Michel	heather.michel@gmail.com	1311 Calle Scott	Encinitas, ca 92024	Mar 7, 2016 at 9:47:39 PM
528	Heather Nelson	Nelsonheathers@gmail.com	1319 Neptune	Encinitas , Ca 92024	Nov 15, 2015 at 10:07:24 PM
529	Heather Suckling	Heather.emerson2@gnail.com	403 Requeza St G2	Encinitas, CA 92024	Mar 3, 2016 at 6:03:14 PM
530	Hedi Murray	cigarboxqueen@yahoo.com	739 Teaberry St	Encinitas, ca 92024	Nov 13, 2015 at 8:01:57 AM
531	Heidi Bridges	heidibridges@yahoo.com	769 Marie Ct.	Encinitas, CA 92024	Mar 4, 2016 at 3:34:41 PM
532	heidi metzler	heidikate1@gmail.com	1637 San Elijo Ave	Cardiff , CA 92007	Nov 28, 2015 at 10:10:35 AM
533	Helen Van Boxtel	vanbox@cox.net	379 Chapalita Drive	Encinitas , CA 92024	Feb 22, 2016 at 1:35:23 PM
534	Hendrik Jaehn	Hsjaehn2@att.net	1227 sea village dr.	Cardiff, Ca 92007	Dec 13, 2015 at 7:47:31 PM
535	henry Down	henrydown1988@yahoo.com	Regal road	Encinitas , CA 92024	Dec 17, 2015 at 6:52:34 PM
536	Hershell Price	Hershell.price@gmail.com	1757 Grand Avenue	Del Mar, Ca 92014	Mar 5, 2016 at 10:28:45 AM
537	Hollie Prussack	hollieprussack@hotmail.com	211 Leucadia Blvd.	Encinitas, ca 92024	Mar 6, 2016 at 2:51:05 PM
538	Honey Madsen	Honeymadsen@yahoo.com	2409 Manchester ave	Cardiff, Ca 92007	Nov 11, 2015 at 11:49:28 AM
539	Hope Morris	Hopelizly@yahoo.com	1409 Neptune Ave #A	Encinitas , Ca 92024	Jan 28, 2016 at 3:40:52 PM
540	Hopper Canty	Hopcanty@gmail.com	4004 manchester ave	Encinitas, CA 92024	Nov 13, 2015 at 6:18:54 PM
541	Ian Gruber	ian@apliiq.com	1523 Summit Ave	Cardiff , CA 92007	Mar 29, 2016 at 2:10:04 PM
542	Ian Hendries	Ianhendries@gmail.com	1643 Rubinstein dr	Cardiff , Ca 92007	Mar 8, 2016 at 1:23:19 PM
543	Ian Wakeman	iwakeman@yahoo.com	7614 Camino Abierto	Carlsbad, Ca 92009	Nov 13, 2015 at 11:11:11 PM
544	Inge Bisconer	inge.bisconer@toro.com	1561 Summit Ave	Cardiff, CA 92007	Feb 22, 2016 at 2:58:12 PM
545	Isabel Palmer	isabelnpalmer@gmail.com	10938 cloverhurst way	San Diego, CA` 92130	Nov 12, 2015 at 8:50:33 PM
546	Isabella Foschini	isabella.foschini@yahoo.con	952 stratford drive	Encinitas, CA 92024	Nov 15, 2015 at 1:38:28 PM
547	Isabella Gilchrist	igbella5656@gmail.com	1750 Dora Drv	Cardiff, CA 92007	Mar 1, 2016 at 10:36:46 PM
548	Isabella Konold	Ikon15@msn.com	1491 Summit	Cardiff, Ca 92007	Mar 3, 2016 at 9:39:44 AM
549	Isabella Welker	izzywelker@yahoo.com	481 La Costa Ave	Encinitas, Ca 92024	Nov 11, 2015 at 12:24:26 PM
550	Isabelle BENZIANE	Isabellebenziane@gmail.com	1717 burgundy rd	Encinitas , Ca 92024	Nov 14, 2015 at 5:52:04 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
551	Isabelle Kaplan	Issy.kap@gmail.com	3815 Sienna Canyon Ct	encinitas, CA 92024	Nov 13, 2015 at 1:25:07 PM
552	Isabelle Maynard	Isabelle.maynard422@gmail.com	1439 Willowgreen court	Encinitas, Ca 92024	Nov 12, 2015 at 2:18:56 PM
553	Jack Boyce	jackeboyce@gmail.com	1713 Tattenham Road	Encinitas, CA 92024	Nov 12, 2015 at 5:35:13 PM
554	Jack Greene, HHP	jackrezen@me.com	1327 Windsor Rd	Cardiff, CA 92007	Nov 12, 2015 at 11:00:50 AM
555	Jack harris	jackharris241@gmail.com	POBOX 7191	RSF, CA 92067	Nov 13, 2015 at 10:07:38 AM
556	Jack karren	jackkarren34@gmail.com	1222 avenida miguel	san diego , CA 92024	Dec 2, 2015 at 10:23:48 PM
557	Jack Spence	Jack.Spence@gmail.com	2496 oakridge CV	92014, CA 92014	Nov 12, 2015 at 10:16:54 PM
558	Jackie Ellis	Jellis0218@gmail.com	133 Range St.	Encinitas , Ca 92024	Nov 12, 2015 at 2:21:51 PM
559	Jackson Wagner	Jackson.Wagner.CA@gmail.com	2274 Carol View Dr, Apt 317	Cardiff, CA 92007	Nov 13, 2015 at 8:16:25 PM
560	Jacob Graff	jacobhgraff2@gmail.com	288 Gardendale Rd.	Encinitas, CA 92024	Nov 12, 2015 at 6:26:53 PM
561	Jacob Shafer	Jakesonpoint13@gmail.com	1340 Belleview Ave	Cardiff, Ca 92007	Nov 14, 2015 at 8:35:48 AM
562	Jacqueline Novak	jacqueenovak@gmail.com	11735 Lake Grove Ct.	San Diego, CA 92131	Nov 23, 2015 at 8:40:06 PM
563	Jacqueline Waterman	jacquiejacobs@gmail.com	1429 Caminito Septimo	Cardiff, CA 92007	Nov 13, 2015 at 9:41:59 AM
564	Jaime Davis	Jaimeskye@houseofdavis.net	1216 caminito septimo	Cardiff, CA 92007	Nov 14, 2015 at 2:20:51 AM
565	Jaime McClain	jaimeamcclain@gmail.com	1303 Windsor Rd	Cardiff, CA 92007	Nov 12, 2015 at 9:24:15 AM
566	Jake Coury	jakecouryproductions@gmail.com	825 Dewitt ave.	Encinitas, CA 92024	Nov 12, 2015 at 8:29:48 PM
567	Jake Schwab	jakeschwab@cox.net	1509 Simmit Ave.	Cardiff, CA 92007	Nov 13, 2015 at 5:53:06 PM
568	James Audiffred	jimaudiffred@gmail.com	2102 Foster Street	Oceanside, CA 92054	Mar 4, 2016 at 10:35:58 AM
569	James Barger	Jkwbarger@att.net	1147evergreen dr	Encinitas , Ca 92024	Nov 21, 2015 at 10:23:40 AM
570	James BLACK	jblack73@cox.net	1443 C San Elijo Ave	Cardiff, CA 92007	Nov 14, 2015 at 2:19:18 PM
571	James Clarke	Jclarke1961@gmail.com	10445 Mast Blvd apt 13	Santee, Ca 92071	Nov 22, 2015 at 7:21:04 PM
572	James Cook	mr.jaaames@gmail.com	2347 Lagoon View Drive	Cardiff, CA 92007	Nov 13, 2015 at 1:45:39 PM
573	James Dean	Jaedean@hotmail.com	2020 Leafwood	Encinitas, CW 92024	Nov 12, 2015 at 7:59:13 PM
574	James Hrzina	jhrzina@hotmail.com	1002 Hurstdale Ave	Cardiff, CA 92007	Nov 12, 2015 at 11:39:05 AM
575	James Lillie	jameslillie45@gmail.com	1673 San Elijo Ave	Cardiff, Calif 92007	Nov 14, 2015 at 6:55:54 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
576	James Lock	james.lock@my.wheaton.edu	7720 camino de arriba	Rancho Santa Fe, CA 92067	Nov 14, 2015 at 10:21:16 PM
577	James Palmer	jimipalmz@yahoo.com	po box 231658	Encinitas , CA 92023	Nov 12, 2015 at 2:25:39 PM
578	James Pulford	pulford@gmail.com	1050 San dieguito	Encinitas, Ca 92024	Nov 12, 2015 at 11:25:36 AM
579	James Thompson	Jameslt@live.com	602 Arden drive	Encinitas, Ca 92024	Nov 28, 2015 at 12:35:29 PM
580	James Wilson	jimmy@surfingmagazine.com	2224 Edinburg Ave	Cardiff, CA 92007	Nov 12, 2015 at 11:00:19 AM
581	jamie runner	jamieandcoral@hotmail.com	1387 evergreen dr	cardiff, ca 92007	Nov 12, 2015 at 11:11:59 AM
582	jamie sanborn	jamielynn.crain@yahoo.com	3352 elmwood	san marcos, ca 92078	Nov 11, 2015 at 11:52:33 AM
583	Jan Kaufman	sjkauf@cox.net	762 Cornish Dr	Encinitas, CA 92024	Nov 20, 2015 at 2:41:52 PM
584	Jane Collette	imhereub2@yahoo.com	7315 Seafarer Pl	Carlsbad, CA 92010	Nov 13, 2015 at 3:15:20 PM
585	Jane Gaito	Janeibrahimgaito@gmail.com	265 sunset drive	Encinitas , Ca 92024	Mar 3, 2016 at 8:53:58 PM
586	Jane Stratton	Jane@promotionsports.org	1366 Rubenstein Avenue	Cardiff , Ca 92007	Mar 7, 2016 at 7:28:29 AM
587	Janer Wilkens	sunnysocal2004@gmail.com	1470 Mackinnon Ave.	Cardiff, CA 92007	Feb 21, 2016 at 4:06:42 PM
588	Janet McCollough	Janet@dirtrealtor.com	2477 Montgomery Ave	Cardiff, Ca 92007	Nov 12, 2015 at 10:43:46 AM
589	Janice Brandon	janicejaybran@gmail.com	2080 Golden Eagle Trail	San Marcos, CA 92078	Mar 4, 2016 at 8:26:50 PM
590	Janice Murray	Jmdaffofils@gmail.com	162 Jupiter St	Leucadia, Ca 92024	Mar 2, 2016 at 11:04:20 PM
591	Jantzen Tetrault	Jantzen.tetrault@gmail.com	1457 N Vulcan Abe	Encinitas, Ca 92024	Nov 12, 2015 at 10:11:33 PM
592	jared o'connor	jared.oconnor123@gmail.com	2222 colony terrace	encinitas, ca 92024	Mar 16, 2016 at 11:38:24 PM
593	jared zimmerman	jzmet@hotmail.com	2039 glasgow ave	cardiff, ca 92007	Nov 22, 2015 at 6:26:18 PM
594	Jarrett Leeb	Jarrett@jarrettindustries.com	595 Leucadia Village Ct.	Encinitas, Ca 92024	Jan 20, 2016 at 7:20:12 PM
595	Jason Brown	jdogg50@gmail.com	602 Barbara Avenue	Solana Beach , CA 92075	Nov 13, 2015 at 6:28:08 PM
596	Jason Daniels	jbdaniels@gmail.com	2105 Montgomery Ave	Cardiff, Ca 92007	Nov 11, 2015 at 4:21:07 PM
597	jason ford	jason_ford@mac.com	1845 lahoud drive	cardiff, ca 92007	Nov 15, 2015 at 10:31:57 AM
598	Jason McInnes	jsmcinnes@cox.net	812 Bonita Dr	Encinitas, CA 92024	Mar 2, 2016 at 7:49:59 AM
599	Jason Oziel	joziel@roadrunner.com	1589 Tamarack Ave	Carlsbad, Ca 92008	Nov 12, 2015 at 7:32:24 AM
600	Jason Young	Jyoung.tax@gmail.com	1024 Laguna Drive unit 14	Carlsbad, CA 92008	Nov 12, 2015 at 9:35:47 AM

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	Name	Email	Street Address	City, State, Zip	Date form submitted
601	Jay cavanagh	jayson.cavanagh@gmail.com	2340 carol view dr e202	cardiff, ca 92007	Nov 12, 2015 at 12:28:07 PM
602	jay grygera	jgrygera@gmail.com	2101 San Elijo Ave.	Cardiff, Ca. 92007	Nov 21, 2015 at 4:26:37 PM
603	Jay Miller	Jmiller90254@yahoo.com	1354 sea village drive	Cardiff, Ca 92097	Nov 11, 2015 at 7:15:40 PM
604	Jay Stafford	jaystafford@gmail.com	2070 Oxford Ave	Cardiff, CA 92007	Feb 18, 2016 at 2:12:19 PM
605	Jaye Weber	signsbyjaye@gmail.com	1635 San Elijo Ave	cardiff, CA 92007	Jan 13, 2016 at 7:10:20 PM
606	Jayme Reed	jaymelreed@gmail.com	1641 Rubenstein Drive	Cardiff, CA 92007	Dec 4, 2015 at 4:33:59 PM
607	Jayne Smithers	jaynee_Smithers@yahoo.com	6266 Village Green Drive	Carlsbad, CA 92009	Mar 3, 2016 at 1:23:46 PM
608	JC Pratt	Jcpratt@gmail.com	557 sweet pea pl	Encinitas, Ca 92024	Nov 12, 2015 at 9:14:05 PM
609	Jean-Christophe Haskell	Jeanchaskell@hotmail.com	222 south helix ave apt 1	Solana beach, CA 92075	Nov 29, 2015 at 1:03:58 PM
610	Jed Jirak	Jirakjed@gmail.com	1542 Linda Sue Ln	Encinitas , CA 92024	Dec 12, 2015 at 9:04:27 AM
611	Jeff Adams	jeffadams50@mac.com	1887 Montgomery Avenue	Cardiff, CA 92007	Mar 29, 2016 at 3:00:46 PM
612	Jeff Demarest	jsdemarest@gmail.com	1569 Old Creek Court	Cardiff, CA 92007	Mar 2, 2016 at 12:21:14 PM
613	jeff fawkes	inf3ct3dn0n4m3@gmail.com	4 sw McKinley ave	bend , Oregon 97702	Nov 13, 2015 at 6:52:13 AM
614	Jeff Giddens	Jdgiddens@sbcglobal.net	7923 Via Ensenada	Carlsbad, CA 92009	Nov 12, 2015 at 11:37:13 PM
615	Jeff Gorman	Jhgorman316@gmail.com	1677 Burgundy	Encinitas, CA 92024	Feb 22, 2016 at 9:35:18 AM
616	Jeff Haack	Haackjeff@yahoo.com	2336 11th St.	Encinitas, CA 92024	Nov 10, 2015 at 9:03:14 PM
617	Jeff Jones	jyj1171@att.com	1171 aloha dr	encinitas, CA 92024	Mar 3, 2016 at 7:44:24 PM
618	Jeff Lacey	Jlacey81@gmail.com	343 sprucewood dr	Encinitas , Ca 92924	Nov 11, 2015 at 2:44:46 PM
619	Jeff Mettee	jmettee44@gmail.com	2121 Newcastle Ave. Apt. #5	Cardiff, CA 92007	Mar 25, 2016 at 8:44:15 PM
620	Jeff Van Voorhis	jeff.a.vanvoorhis@gmail.com	321 ocean view ct.	encinitas, ca 92024	Nov 13, 2015 at 4:18:49 PM
621	Jeffery McAtee	jefferymac75@yahoo.com	936 sandcastle dr	Cardiff, CA. 92007	Feb 22, 2016 at 8:48:47 AM
622	Jeffrey Brandimarte	jbrandimarte@gmail.com	1562 Lorraine Dr	Encinitas, CA 92024	Feb 23, 2016 at 11:52:59 AM
623	Jeffrey Hatfield	Hattynob@yahoo.com	3856 Caminito Litoral 198	San Diego, Ca 92107	Nov 13, 2015 at 8:18:16 PM
624	Jeffrey Phan	jeffreyphan@live.com	7362 Canyon Breeze Rd	San Diego, CA 92126	Nov 14, 2015 at 9:28:20 AM
625	jeffrey sitcov	jsitcov@earthlink.net	1441 San Elijo Ave #B	cardiff, CA 92007	Nov 10, 2015 at 10:07:15 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
626	Jen Southard	Jdsouthard@gmail.com	802 Dewitt ave	Encinitas, Ca 92024	Mar 1, 2016 at 8:04:50 PM
627	Jenica Devilbiss	jn.devilbiss@yahoo.com	2930 la Costa avenue #101	Carlsbad , Ca 92009	Nov 12, 2015 at 10:27:03 PM
628	Jenna DiMartini	Thevolcomstones@msn.com	141 Grandview Street	Encinitas, Ca 92024	Nov 13, 2015 at 12:58:52 PM
629	Jenna Goldberg	blissboarder@gmail.com	1418 Hermes Ave Apt D	Encinitas , CA 92024	Mar 7, 2016 at 2:57:33 PM
630	Jenna Thompson	Thompsonjm4@gmail.com	861 nardo rd	Encinitas , CA 92024	Nov 13, 2015 at 7:53:23 AM
631	Jennie Williams	Jennielw1@yahoo.com	1183 calle christopher	Encinitas, CA 92024	Mar 1, 2016 at 6:14:24 PM
632	Jennifer Benedict	jlesliebenedict@gmail.com	1689 San Elijo Ave.	Cardiff, Ca 92007	Nov 20, 2015 at 10:04:27 AM
633	Jennifer Berend	jenniferberend@sbcglobal.net	709 Oceanview Ave.	Encinitas, CA 92024	Mar 4, 2016 at 2:08:54 PM
634	Jennifer Goldstone	Lsfvrent@gmail.com	2752 Carriagedale row	La jolla, Ca 92037	Nov 11, 2015 at 6:19:46 AM
635	Jennifer Haack	seapony@mac.com	2337 11th Street	Encinitas, CA 92024	Nov 11, 2015 at 11:02:15 AM
636	Jennifer McGee	Jennmcgee9@gmail.com	1100 garden view rd apt #126	Encinitas, Ca 92024	Nov 11, 2015 at 8:42:34 PM
637	jennifer miller	jennifermphoto@hotmail.com	1247 summit ave	cardiff, ca 92007	Jan 17, 2016 at 6:27:25 PM
638	Jennifer Minick	jenniferminick96@gmail.com	204 Triton Circle	Encinitas, CA 92024	Nov 12, 2015 at 2:13:07 PM
639	Jennifer Olson	jeneequa@yahoo.com	227 Santa Fe Dr	Encinitas, CA 92024	Feb 22, 2016 at 1:06:03 PM
640	Jennifer Pickering	Jpickyournose@yahoo.com	645 Ida Ave.	Solana Beach, Ca. 92075	Mar 2, 2016 at 11:46:09 AM
641	jennifer taylor	jtaylor51@cox.net	901 stratford drive	encinitas, CA 92024	Mar 1, 2016 at 11:24:10 AM
642	Jennifer Walsey	Jenniferwalsey@aol.com	6649 Brookite court	Carlsbad, Ca 92009	Mar 4, 2016 at 8:02:10 AM
643	Jennifer Welker	jennyflower58@yahoo.com	481 La Costa Ave	Encinitas , CA 92024	Nov 11, 2015 at 8:18:24 PM
644	Jenny Hoffmann	Jendastar@hotmail.com	2052 red coach lane	Encinitas , CA 92024	Nov 12, 2015 at 8:00:04 PM
645	Jenny Jantzen	jennyjantzen@gmail.com	1749 Edgefield Lane	Encinitas, CA 92024	Dec 11, 2015 at 12:43:41 PM
646	Jenny Talavera	Treebetty@gmail.com	1635 Olmeda Street	Encinitas, cA 92024	Nov 29, 2015 at 8:56:20 PM
647	Jenny VEDRA	Jennyvedra@gmail.com	2068 kearney st	Denver, CO 80207	Nov 12, 2015 at 6:41:58 PM
648	Jensen Hassett	Jensenhassett@aol.com	1452 Summit Avenue	Cardiff, CA 92007	Dec 2, 2015 at 4:26:15 PM
649	Jerry Peters	petersjer@gmail.com	270 Liszt Ave.	Cardiff, CA 92007	Mar 1, 2016 at 12:50:23 PM
650	Jessica Brown	Jessibme@gmail.com	Luciernaga	Carlsbad , Ca 92009	Nov 12, 2015 at 2:59:20 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
651	Jessica Goralski	jgoralsk@ucsc.edu	Oxford avenue	Cardiff, CA 92007	Dec 30, 2015 at 10:31:46 AM
652	Jessica Pratt	Jrosepratt@gmail.com	557 sweet pea pl	Encinitas, Ca 92024	Nov 12, 2015 at 9:13:06 PM
653	Jessica Schulz	Beachbabe230@gmail.com	7432 solano st	Carlsbad, Ca 92009	Jan 3, 2016 at 10:12:56 PM
654	Jessica Whittington George	Jdgeor@yahoo.com	16 Fairchild	Offutt AFB, Nebraska 68113	Nov 11, 2015 at 1:22:49 PM
655	Jessica Woodall	Jwood599@yahoo.com	2042 Oxford ave	Cardiff, Ca 92007	Mar 12, 2016 at 3:26:08 PM
656	Jessie Aguayo	Jessie.aguayo@hotmail.com	856 2nd street	Encinitas, CA 92024	Nov 13, 2015 at 5:31:35 PM
657	Jessika frerichs	jessikajif@gmail.com	414 pipes lane	encinitas, ca 92024	Nov 15, 2015 at 8:29:48 PM
658	Jill Drouin	jdrouin14@yahoo.com	1422 Caminito Septimo	Cardiff, CA 92007	Nov 12, 2015 at 9:50:48 AM
659	Jill Skowera	Jeskowera@gmail.com	409 Requeza street	Encinitas, Ca 92024	Nov 13, 2015 at 9:15:32 PM
660	Jim Boyce	boyce_jim050@yahoo.com	1283 Caminito Septimo	Cardiff, CA 92007	Nov 20, 2015 at 4:34:57 PM
661	Jim Bunch	jb@theultimategameoflife.com	2716 MacKinnon Ranch Roach	Cardiff, CA 920007	Mar 1, 2016 at 9:44:18 PM
662	Jim Dew	Jim.dew19@gmail.com	1514 Vanessa Circle	Encinitas, Ca 92024	Feb 16, 2016 at 6:38:07 PM
663	Jim Esposito	Jim@espomail.com	1888 Amalfi Drive	Encinitas, CA 92024	Mar 2, 2016 at 9:26:46 AM
664	jim haggerty	jhggrty@hotmail.com	1599 village view	encinitas, ca 92024	Mar 2, 2016 at 4:12:04 PM
665	Jim Machado	jimchrisonboard@yahoo.com	1218 Rubenstein Ave	Cardiff, Ca 92007	Nov 10, 2015 at 3:17:39 PM
666	Jim O'connor	Oconnorjim@cox.net	1005 third street	Encinitas , Ca 92024	Mar 8, 2016 at 12:45:12 PM
667	Jim Rice	jim@factoryresole.com	165 S El Camino Real. Suite K	Encinitas, CA 92024	Nov 22, 2015 at 12:37:27 PM
668	Joan Atwood	j.atwood1@cox.net	490 Summer View Circle	Encinitas, CA 92007	Jan 17, 2016 at 3:29:24 PM
669	Joan Dyer	bajajoan4@hotmail.com	612 Birmingham Drive	Cardiff, CA 92007	Nov 15, 2015 at 5:11:53 PM
670	Joanna McGowan	joannamcgowan@gmail.com	PO Box 1084	Cardiff, CA 92007	Dec 4, 2015 at 12:12:25 PM
671	Joanne Fodor	Joannefodor@hotmail.com	2151 valleydale lane	Encinitas , Ca 92024	Nov 12, 2015 at 8:31:59 AM
672	joanne raider	jaraidet@roadrnner.com	904 Glen Arbor drive	encinitas, cs 92024	Nov 12, 2015 at 5:43:51 PM
673	Joe Alkhas	jalkhas@aol.com	1455 San Elijo Avenue	Cardiff, CA 92007	Nov 10, 2015 at 11:22:41 AM
674	Joe Bunn	jbunn3787@gmail.com	273 Sea View Ct.	Encinitas , CA. 92024	Mar 2, 2016 at 1:33:55 PM
675	Joe Lopez	oceanminded9002@yahoo.com	Dublin Drive	Cardiff, CA 92007	Dec 9, 2015 at 8:11:58 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
676	Joel Harris	joelzharris@gmail.com	2417 Oxford Ave	Cardiff, CA 92007	Mar 8, 2016 at 9:19:03 PM
677	Joey Waterman	joey@surfdog.com	108 Carlann Drive	San Marcos, CA - CA 92069	Mar 9, 2016 at 11:01:27 AM
678	John Agostino	johnagostino@yahoo.com	2128 Oxford ave	Cardiff, Ca 92007	Mar 12, 2016 at 9:16:40 AM
679	John Chellemi	Jjchellem@gmail.com	942 Sea Cliff Drive	Carlsbad, CA 92011	Nov 12, 2015 at 7:38:42 PM
680	John DeMartino	jcdemartino@gmail.com	1381 Hymettus Ave	Encinitas, CA 92024	Nov 13, 2015 at 7:00:24 AM
681	john duke	johnduke@multisports.com	248 may court	cardiff, ca 92007	Mar 11, 2016 at 10:31:34 AM
682	John Gallagher	jgallagherfamily@gmail.com	1615 Summit Ave	Encinitas , CA 92007	Nov 29, 2015 at 4:57:54 PM
683	John Georgeson	jgeorg99@roadrunner.com	129 Five Crowns Way	Encinitas, CA 92024	Mar 2, 2016 at 2:40:33 PM
684	John Jessick	jejessick@yahoo.com	2503 Via Sorbete	Carlsbad, Ca 92010	Mar 4, 2016 at 7:51:41 AM
685	john kerr	jkencinitas@hotmail.com	box 1001	Cardiff, ca 92007	Dec 5, 2015 at 1:46:53 PM
686	John Leak	johnrleak@hotmail.com	7721 Cortina Court	Carlsbad, CA 92009	Nov 13, 2015 at 12:11:26 AM
687	John Lefferdink	Johnleff@gmail.com	13935 Calle Cardenas	San Diego , CA 92067	Nov 13, 2015 at 12:59:12 AM
688	john pierce	jp@jpierce.net	PO Box 984	Cardiff, CA 92007	Nov 20, 2015 at 6:27:08 PM
689	John Roehrig	john@thinkjohn.com	1720 Westminster Drive	Cardiff, CA 92007	Nov 11, 2015 at 8:10:55 AM
690	John Rothstein	johnrothstein69@gmail.com	7806 Estancia Street	Carlsbad, CA 92009	Mar 3, 2016 at 8:34:29 PM
691	John Spann	johnrichardspann@gmail.com	7834 Quebrada Circle	Carlsbad, CA 92009	Nov 27, 2015 at 9:20:37 AM
692	John Wilson	Ripit@pacbell.net	810 Sidonia St	Encinitas , CA 92024	Mar 7, 2016 at 10:07:34 PM
693	Jon Cohen	jcohen1@cox.net	368 Stafford Ave.	Cardiff, Ca 92007	Nov 11, 2015 at 6:58:48 PM
694	jon santore	jonathan.santore@gmail.com	2006 oxford ave	cardiff, CA 92007	Nov 13, 2015 at 11:03:11 AM
695	Jonathan Butler	jbutler755@hotmail.com	1575 Summit Ave	Cardiff, Ca 92007	Mar 1, 2016 at 11:50:58 AM
696	Jonathan Lombardi	lombardi_sda@yahoo.com	4322 manchester	encinitas, CA 92024	Mar 2, 2016 at 3:05:28 PM
697	Jonathan Morgan	Joushilling@yahoo.com	1241 Orkney ln.	Cardiff, CA 92007	Mar 6, 2016 at 9:56:57 AM
698	Jonathan Rivera	Jonathan_rivera52699@yahoo.com	1831 Blue Bonnet Pl.	encinitas, CA 92024	Mar 4, 2016 at 10:19:27 AM
699	Jonathan Rubin	jonathan.rubin@nm.com	1687 San Elijo Ave	Cardiff, CA 92007	Nov 12, 2015 at 6:53:54 AM
700	Jonathan Woodward	Lvngnparadise@yahoo.com	1155 Melba rd	Encinitas, Ca 92024	Dec 6, 2015 at 8:54:58 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
701	Jordy Fontenot	jordyfontenot@gmail.com	Liverpool drive	Cardiff, CA 92007	Dec 9, 2015 at 7:29:06 PM
702	Jose Rocha	josebythesea@me.com	1761 Haydn Drive	Cardiff, CA 92007	Nov 26, 2015 at 9:37:04 AM
703	joseph chepetsky	jchepetsky@gmail.com	p.o. box 232132	Encinitas, ca 92023	Mar 4, 2016 at 11:35:41 AM
704	Joseph Gilcrest	Jglcrst@gmail.com	1548 village view rd	Encinitas, Ca 92024	Mar 8, 2016 at 8:33:52 PM
705	Joseph Greene	Jgreene4@sbcglobal.net	2143 Sea Village Cir	Cardiff, CA 92007	Mar 2, 2016 at 8:44:11 PM
706	Joseph Thaanum	sdjet120@gmail.com	2339 Newcastle	Cardiff, ca 92007	Jan 24, 2016 at 8:05:46 PM
707	Joseph Unruh	joe@unruh.com	1872 Playa Riviera Drive	Cardiff, CA 92007	Mar 14, 2016 at 8:48:23 AM
708	Josephine Colvin	Josiecolvin@yahoo.com	1509 old creek ct	cardiff, Ca 92007	Feb 22, 2016 at 2:56:17 AM
709	Josh Englund	joshenglund@yahoo.com	721 Regal Road	Encinitas, CA 92024	Nov 12, 2015 at 10:03:42 PM
710	josh epstein	epsteinjosh@hotmail.com	515 birmingham dr	cardiff, Ca 92007	Mar 2, 2016 at 8:17:03 PM
711	Josh Saunders	Jbsaunders@gmail.com	2186 Montgomery ave b2	Cardiff, Ca 92007	Nov 11, 2015 at 8:58:56 PM
712	Josh Taylor	Joshjtaylor85@gmail.com	293 3rd st	Encinitas, Ca 92024	Nov 11, 2015 at 10:53:19 PM
713	joshua Hunter	joshuahunter80@gmail.com	285 neptune avenue	encinitas, ca 92024	Mar 8, 2016 at 8:44:45 AM
714	Joy Gikas	Jjgikas@cox.net	Po box #1121	Rancho Santa Fe, Ca 92067	Mar 9, 2016 at 3:35:12 PM
715	Jp Reed	Jp7niner@hotmail.com	1223 caminito septimo	Cardiff, Ca 92007	Nov 28, 2015 at 3:21:18 PM
716	Juan Suarez	pablo.tavera09@gmail.com	11911 Calle Vivienda	San Diego, CA 92128	Mar 6, 2016 at 6:47:29 PM
717	Judy Rosinack	Jrosinack@yahoo.com	15817 Caminito Cantaras	Del Mar, Ca 92014	Mar 27, 2016 at 12:58:14 PM
718	Judy Savage	jmsavage@hawaii.rr.com	5184D. L. Honoapiilani Hwy.	Lahaina, Hawaii 96761	Nov 22, 2015 at 12:20:10 AM
719	Julia Darrow	juliamaedarrow@yahoo.com	341 Neptune Ave	Encinitas, CA 92024	Nov 12, 2015 at 2:22:05 PM
720	Julia Frondoni	Juliafrondoni@aol.com	6320 woodway lane	Plano , Texas 75092	Dec 3, 2015 at 5:32:55 AM
721	Julia Reilly	Cheerios.reilly@yahoo.com	3574 Lone Jack Road	Encinitas, CA 92024	Dec 3, 2015 at 10:18:26 AM
722	Julie Erwin	julieerwin97@gmail.com	843 San Dieguito Dr	Encinitas, CA 92024	Feb 9, 2016 at 8:47:39 PM
723	Julie Garrido	fjgarrido1@yahoo.com	2631 Vistosa Place	Carlsbad, CA 92009	Mar 2, 2016 at 12:49:07 PM
724	Julie Howe	juliehowe@sbcglobal.net	415 S Granados Ave	Solana Beach, CA 92075	Nov 22, 2015 at 11:23:46 AM
725	Julie Kelliher	Furreel04@live.com	1114 N.Coast Hwy 101	Enci,itad, Ca 92024	Feb 23, 2016 at 2:32:21 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
726	Julie Leeuw	julieleeuw@yahoo.com	2264 Montgomery Ave.	Cardiff, CA 92007	Nov 13, 2015 at 4:53:03 AM
727	Julie Neumeister	Juliemarie1217@gmail.com	1059 Opal st	San Diego , Ca 92109	Nov 22, 2015 at 1:47:21 PM
728	julie sauer	l-jsauer@cox.net	1836 lake dr	Cardiff , ca. 92007	Mar 3, 2016 at 8:32:33 AM
729	Julie Stone	Juliemstone@msn.com	2221 Oceanview rd	Oceanside, Ca 92056	Nov 13, 2015 at 11:40:18 AM
730	julie sullivan	jlsullivan@ucsd.edu	427 Carmel creeper place	Encinitas , ca 92024	Mar 5, 2016 at 9:04:03 PM
731	Julie Szymanski	szysurf@gmail.com	952 Sandcastle Dr	Cardiff, CA 92007	Nov 20, 2015 at 6:18:20 AM
732	Julie Thunder	thunderfamily@cox.net	1805 Westminster Dr.	Cardiff, Ca 92007	Nov 10, 2015 at 5:43:43 PM
733	Julius Apuy	japuy@celgene.com	Vera Street	Solana Beach, Ca 92075	Dec 13, 2015 at 1:40:13 PM
734	Justin Britton	Justinzbritton@gmail.com	2527 Manchester Ave	Cardiff, CA 92007	Feb 21, 2016 at 6:25:12 PM
735	Justin Brunold	justinbrunold@me.com	606 Hermes Ave	Encinitas, CA 96761	Nov 13, 2015 at 5:02:58 AM
736	Justin Chiavario	starburst750@yahoo.com	2121 Newcastle Ave #7	Cardiff, CA 92007	Nov 11, 2015 at 12:46:40 PM
737	Justin Graeber	jgraeber@ymca.org	1943 Country Grove Lane	Encinitas, CA 92024	Nov 12, 2015 at 8:32:51 PM
738	Justin Machado	jjmachado@cox.net	2438 Newport Ave.	Cardiff, Ca 92007	Nov 10, 2015 at 3:16:41 PM
739	Justin Mack	Juhmack760@yahoo.com	1321 sea village dr	Cardiff, Ca 92007	Nov 12, 2015 at 10:21:36 AM
740	Justin Marlett	Jwventurecorp@gmail.com	616 Stratford Drive	Encinitas, CA 92024	Nov 29, 2015 at 3:46:17 PM
741	Justin Oconnell	justinoc1986@gmail.com	1537 NEPTUNE AVENUE	Encinitas, CA 92024	Nov 15, 2015 at 12:02:42 AM
742	Justine Woiwode	jwoiwode@gmail.com	13754 mango Dr., unit 305	Del mar, Ca 92014	Nov 22, 2015 at 7:03:42 PM
743	Kacie Cunningham	Kaciewp@gmail.com	13271 Denara Rd.	San Diego , CA 92130	Nov 12, 2015 at 5:23:46 PM
744	kaden roney	kaden.Roney@gmail.Com	sandcastle	cardiff, CA 92007	Mar 2, 2016 at 7:01:42 PM
745	Kaikani Saier-Bennett	bennettkai123@yahoo.com	270 north el portal street	encinitas, CA 92024	Mar 7, 2016 at 10:13:19 PM
746	Kailey Castro	kaileyj.castro@gmail.com	3369 Calle Cancuna	Carlsbad, CA 92009	Nov 12, 2015 at 2:40:51 PM
747	Kailie Pasko	kpasko05@gmail.com	1124 Aloha Drive	Encinitas, CA 92024	Mar 30, 2016 at 11:45:51 AM
748	Kaitlin Wood	Kaitlinewood@gmail.com	988 hygeia ave unit b	Encinitas , Ca 92024	Nov 13, 2015 at 11:59:29 PM
749	Kaitlyn Kinder	Kaitlyn_Kinder@Yahoo.com	1835 Mackinnon Ave	Cardiff, CA 92007	Nov 12, 2015 at 5:44:20 PM
750	kaitlyn shinstine	kaitlyn.shinstine@gmail.com	1862 haymarket rd	encinitas, CA 92024	Nov 12, 2015 at 4:51:45 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
751	Kaleb Boback-clark	calebboback@yahoo.com	2249 Manchester Ave	Cardiff, CA 92007	Mar 2, 2016 at 11:14:48 PM
752	Kalie Everhart	Kalieeverhart@yahoo.com	1409 Edgemont St.	San Diego, CA 92102	Mar 9, 2016 at 9:32:15 AM
753	Kane Thiede	kanethiede@gmail.com	218(A) Plymouth St	Santa Cruz, Ca 95060	Mar 6, 2016 at 9:30:32 AM
754	kara norgart	kara@karawatkins.com	2505 newport ave	cardiff, ca 92007	Feb 10, 2016 at 3:37:10 PM
755	Kare Heskett	heskettk@gmail.com	1910 Rosewood St	Vista, CA 92081	Feb 22, 2016 at 11:40:47 AM
756	Karen Bartells	karenbartells@ymail.com	804 Capri Rd	Encinitas, Ca 92024	Nov 13, 2015 at 12:45:12 PM
757	karen delanty	karendelanty@hotmail.com	1589 starlight drive	cardiff, CA 92007	Nov 12, 2015 at 1:43:52 PM
758	Karen Tuto newman	tutonewman@gmail.com	603 barbara ave	solana beach, calif 92075	Nov 13, 2015 at 6:01:22 PM
759	Karen Vela	karen.vela04@gmail.com	877 Channel Island Drive	Encinitas, CA 92024	Jan 28, 2016 at 3:34:52 PM
760	Karey Garcia	kareyg@me.com	14117 Bahama Cv	Del Mar, CA 92014	Mar 10, 2016 at 7:01:55 AM
761	Karin Trommer	grandview@gmx.com	143 Jupiter Street (former)	Encinitas (former), CA 92024	Dec 1, 2015 at 1:06:38 PM
762	Karina Delima	Karinalima749@hotmail.com	1452 Summit Avenue	Cardiff, CA 92007	Dec 2, 2015 at 4:20:04 PM
763	Karla Connelly	karlaloerarodriguez@gmail.com	Manchester	Cardiff, CA 92007	Mar 15, 2016 at 2:35:34 PM
764	Karla Ogilvie	Kmogilvie@aol.com	1075 Summer holly lane	Encinitas , Ca 92024	Nov 30, 2015 at 9:41:34 PM
765	Karolyna Landin	Karolynalandin@hotmail.com	2074 Manchester Ave	Cardiff, Ca 92007	Mar 8, 2016 at 8:45:16 AM
766	Katarina Marlett	jwventurecorp@yahoo.com	616 Stratford Dr	Encinitas, CA 92024	Nov 13, 2015 at 8:05:26 AM
767	Katarina Schwab	Katarinaschwab@me.com	1348 Evergreen Drive	Cardiff, CA 92007	Nov 12, 2015 at 5:26:53 PM
768	Kate Thielicke	kate.thielicke@gmail.com	1615 San Elijo Avenue	Cardiff, CA 92007	Nov 27, 2015 at 7:47:44 AM
769	Katey Henry	Katey.cornett@gmail.com	115 triton circle	Encinitas , Ca 92924	Nov 11, 2015 at 10:38:40 PM
770	Katherine Hammond	kat.hammond6@gmail.com	3950 Arroyo Sorrento Road	San Diego, Ca 92130	Mar 8, 2016 at 9:20:04 AM
771	Katherine Larsen	Strykerphotography@yahoo.com	1021 Capistrano Dr	Oceanside , CA 92058	Nov 12, 2015 at 10:36:28 PM
772	Katherine Milljour	KatherineMilljour@yahoo.com	2033 san elijo ave #620	Cardiff, ca 92007	Nov 30, 2015 at 5:54:32 PM
773	Kathleen Crowell	Kathleenmcrowell@gmail.com	2174 Montgomery ave apt A	Cardiff, Ca 92007	Mar 7, 2016 at 11:05:54 PM
774	Kathleen Raskin	kathraskin@gmail.com	7916 Via Ensenada	Carlsbad, CA 92009	Mar 7, 2016 at 1:05:48 AM
775	Kathryn Stevens	ksteve10@calpoly.edu	13651 Nogales Drive	Del Mar, CA 92014	Nov 12, 2015 at 7:48:58 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
776	Kathy Alting-Mees	kittykat@katcosmo.com	1759 Legate Drive	Cardiff, CA 92007	Dec 12, 2015 at 8:46:42 PM
777	Kathy Angello	rem5522@aol.com	1560 Bella Vista Drive	Encinitas, CA 92024	Nov 13, 2015 at 9:11:10 AM
778	Kathy Klossner	Kathy@waterdancer.com	1631 Rubenstein Dr	Cardiff, Ca 92007	Nov 26, 2015 at 5:42:26 PM
779	Kathy McGarry	Findkathy@gmail.com	1002 Nolbey Street	Cardiff, CA 92007	Nov 12, 2015 at 9:31:04 AM
780	Katie Pond	Katiensparky@gmail.com	655 poinsettia park n	Encinitas, Ca 92024	Nov 12, 2015 at 8:18:11 PM
781	Katie Smith	Catydancer2000@yahoo.com	247 Norfolk drive	Cardiff , Ca 92007	Mar 7, 2016 at 10:30:02 PM
782	Katie Thomsen	k80thomsen@yahoo.com	PO Box 112	Mammoth Lakes, CA 93546	Feb 22, 2016 at 8:10:28 PM
783	Katrina Klawiter	katrinaklawiter@gmail.com	1735 Westminster Drive	Cardiff, CA 92007	Nov 13, 2015 at 11:26:46 AM
784	Kay Stuart	kay.stuart@ga.com	2378 Wales Drive	Cardiff, CA 92007	Mar 3, 2016 at 2:08:59 PM
785	Kayla Huntley	kaylahuntley32@gmail.com	3582 Camino Arena	Carlsbad, CA 92009	Dec 2, 2015 at 9:54:32 PM
786	Kayla McEldowney	kayla.m.mceldowney@gmail.com	240 Witham Road	Encinitas, CA 92024	Nov 14, 2015 at 12:41:21 PM
787	Keenan Rodewald	keenanrodewald@gmail.com	1574 Summit Ave	Cardiff, CA 92007	Nov 12, 2015 at 6:55:02 PM
788	Kelley coykendall	kelleycoykendall@yahoo.com	515 Whisper Wind Dr	Encinitas, CA 92024	Nov 12, 2015 at 4:03:27 PM
789	Kelley Sheehan	dakoda420@hotmail.com	2296 Caminito Pajarito	San Diego, CA 92107	Jan 28, 2016 at 5:37:14 PM
790	Kelli Stonebreaker	Kellibear3@gmail.com	1289 Birmingham Drive	Encinitas, CA 92024	Nov 12, 2015 at 4:24:17 PM
791	Kelly Bernie	Kellyabernie@gmail.com	113 Liszt ave	Cardiff, Ca 92007	Feb 21, 2016 at 3:08:40 PM
792	Kelly Gray	Kellgray0898@gmail.com	3022 Cadencia St	Carlsbad, CA 92009	Dec 9, 2015 at 12:13:17 PM
793	Kelly Griffin	Griffinkelly4@gmail.com	1306 evergreen dr	Cardiff, Ca 92007	Mar 9, 2016 at 11:10:56 PM
794	Kelly Lawson	kellylawson4@gmail.com	2129 Bulrush Lane	Cardiff, CA 92007	Mar 4, 2016 at 11:23:23 PM
795	kelly miller	kmiller90254@yahoo.com	1354 sea village drive	cardiff, ca 92007	Jan 20, 2016 at 8:18:30 PM
796	Kelly Schafer	kjl_schafer@roadrunner.com	2684 Waterbury Way	Carlsbad, CA 92010	Feb 24, 2016 at 2:08:47 PM
797	Kelsey Jess	shredder4evr@gmail.com	5529 Caminito Mundano	San Diego, CA 92130	Mar 3, 2016 at 10:01:06 PM
798	Kelsey Lachance	Kelsey.lachance1105@gmail.com	1604 Orchard Wood Rd	Encinitas , CA 92024	Dec 3, 2015 at 12:36:29 AM
799	Kelsey Raider	KBQ143@aol.com	1914 Azure Way	Encinitas, CA 92024	Nov 12, 2015 at 4:09:39 PM
800	Kelsey Shea	4spectacles@gmail.com	1175 Evergreen Drive	Encinitas, Ca 92024	Nov 12, 2015 at 2:14:29 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
801	Kelsey Taylor	lifeswutyoumakeit@gmail.com	901 Stratford Drive	Encinitas , CA 92024	Nov 13, 2015 at 2:52:41 PM
802	Ken Cooper	swacaptken@gmail.com	1675 San Elijo Ave	Cardiff, CA 92007	Nov 13, 2015 at 6:36:05 AM
803	Kendall Etue	Kendalletuepvcs@gmail.com	7306 Alicante Rd unit 7	Carlsbad , Ca 92009	Nov 12, 2015 at 4:41:32 PM
804	Kenneth Lueke	Kennethlueke@gmail.com	2245 edinburg ave	Cardiff, Ca 92007	Nov 14, 2015 at 8:47:47 PM
805	Kenzie Kerr	kenzie1422@live.com	2004 Glasgow Ave	Cardiff, CA 92007	Mar 8, 2016 at 5:51:15 PM
806	Keri Woodward	Kereiki@hotmail.com	879 Bracero Rd.	Encinitas , Ca 92024	Mar 4, 2016 at 7:07:15 AM
807	Kerri Nolan	Kerrichristine@hotmail.com	347 Dublin Drive	Cardiff, CA 92007	Feb 6, 2016 at 12:08:40 PM
808	Kerry Perez	Perezckerry@gmail.com	12674 Carmel country rd #43	San diego, Ca 92130	Jan 17, 2016 at 6:38:44 PM
809	Kevin Anderson	artistkevinanderson@yahoo.com	1140 Arcadia rd.	Encinitas, Ca. 92024	Nov 12, 2015 at 2:02:50 PM
810	Kevin Cremin	cremin.kev@gmail.com	236 Cerro Street	Encinitas, CA 92024	Mar 1, 2016 at 3:21:20 PM
811	Kevin Fischer	bigfish411@hotmail.com	3144 Arroyo Vista	Carlsbad, Ca 92009	Nov 19, 2015 at 9:05:49 PM
812	Kevin Granquist	Kevingranquist@yahoo.com	2369 Oxford Avenue	Cardiff, Ca 92007	Nov 12, 2015 at 11:45:42 AM
813	Kevin McGee	Kevincmcgee@gmail.com	1100 Garden View Road, Apt. 126	Encinitas , CA 92024	Nov 11, 2015 at 9:19:00 PM
814	Kevin Miller	konkretess@gmail.com	Cornish Drive	Encinitas, CA 92024	Dec 9, 2015 at 7:36:41 PM
815	Kevin Stock	kevin@studio-fabric.com	1619 Summit Ave	Cardiff, CA 92007	Nov 10, 2015 at 11:44:42 AM
816	Kiera Schminke	Kiera.schminke67@gmail.com	1723 gas contact rd	Encinitas , Ca 92024	Nov 12, 2015 at 7:31:55 PM
817	Kim Cespedes	kimncort@hotmail.com	Carol View Drive	Cardiff, CA 92007	Dec 9, 2015 at 7:46:50 PM
818	Kim Coolbaugh	berlyann@sbcglobal.net	1760 Haydn Dr.	Cardiff, CA 92007	Nov 20, 2015 at 12:30:44 PM
819	Kim Devine	beekmank@hotmail.com	Cornish	Encinitas , CA 92007	Dec 30, 2015 at 10:33:44 AM
820	Kim Gale	Kgale4253@yahoo.com	3517 Caminito Sierra	Carlsbad, Ca 92009	Nov 12, 2015 at 7:58:29 PM
821	Kim Mazza	Kmbrly.maz@gmail.com	1760 s el Camino real d108	Encinitas , Ca 92024	Mar 19, 2016 at 3:15:56 PM
822	Kim Minick	kminick63@gmail.com	7704 Caminito Tingo #I202	Carlsbad, CA 92009	Nov 12, 2015 at 4:03:01 PM
823	Kimberly Alkhas	elvissix7@aol.com	1455 San Elijo Avenue	Cardiff, CA 92007	Nov 10, 2015 at 11:02:23 AM
824	Kioshi Bell	Kioshi5222@gmail.com	7579 Delgado Pl	Carlsbad, Ca 92009	Nov 13, 2015 at 9:07:59 PM
825	Kiran McClelland	Kiranmcclelland@gmail.com	2957 Lexington Circle	Carlsbad , Ca 92010	Nov 12, 2015 at 2:19:37 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
826	Kirra Wright	Skittlesugar@gmail.com	1350 Windsor road	Cardiff, CA 92007	Nov 12, 2015 at 5:44:12 PM
827	Koby Gilchrist	Kobyg101@gmail.com	1751 Dora dr	Cardiff , CA 92007	Mar 1, 2016 at 10:40:45 PM
828	Kodyak Tisch	kodyak.tisch@gmail.com	922 Santa Florencia Road	Solana Beach, CA 92075	Nov 12, 2015 at 8:59:51 PM
829	Kristen Fontaine	fontaine.kristen@gmail.com	2257 Cambridge Avenue	Cardiff, CA 92007	Dec 5, 2015 at 9:58:07 PM
830	Kristin Lam	kristinlam11@gmail.com	1531 Rubenstein Ave	Cardiff, CA 92007	Mar 1, 2016 at 8:11:40 AM
831	Kristin Stonebreaker	Kristin.stonebreaker@gmail.com	1289 Birmingham drive	Encinitas, CA 92024	Nov 12, 2015 at 7:47:20 PM
832	Kristina Wright	Kristinamfwright@gmail.com	2325 paseo de Laura Apt 216	Oceanside, Ca 92056	Nov 13, 2015 at 5:16:22 PM
833	Krys Bersofsky	Krys.bersofsky@gmail.com	7813 gaviota circle	Carlsbaf, Ca 92009	Nov 12, 2015 at 8:35:15 PM
834	Kurt Bueche	Kurtb65@gmail.com	2066 Oxford Ave	Cardiff, CA 92007	Feb 23, 2016 at 7:41:06 AM
835	Kurt Kremer	Kurtkremer@yahoo.com	1592 Summit Avenue	Cardiff, CA 92007	Jan 23, 2016 at 10:12:05 AM
836	kurt markley	kmarkley@apricorn.com	1587 san elijo	cardiff, ca 92007	Nov 12, 2015 at 7:00:09 PM
837	Kyla Wechsler	Kylawechsler@yahoo.com	654 Glenmont Dr	Solana Beach, CA 92075	Nov 12, 2015 at 2:29:33 PM
838	Kyle Aeberli	kyle.aeberli@gmail.com	2015 Edinburg Ave	Cardiff, ca 92007	Mar 8, 2016 at 11:42:20 AM
839	Kyle Brown	kylebrown812@gmail.com	7933 Sitio Peral	Carlsbad, CA 92009	Dec 4, 2015 at 12:38:28 PM
840	Kyle Conner-Diven	Connerdivenk@gmail.com	1245 Saxony Road	Encinitas, CA 92024	Nov 12, 2015 at 9:42:32 PM
841	Kyle Thompson	kandjthompson@cox.net	2116 Via Robles	Oceanside, Ca 92054	Nov 11, 2015 at 4:34:26 PM
842	Lake McGuire	lakemcguire@mac.com	2033 Mackinnon Ave	Cardiff, CA 92007	Nov 13, 2015 at 5:13:28 AM
843	Lance Hansen	surfrat92007@yahoo.com	P.O. Box 1311	Cardiff, CA 92007	Nov 11, 2015 at 10:18:46 PM
844	Lance Hetherington	lancehetherington@gmail.com	21 East F Street	Encinitas, CA 92024	Nov 13, 2015 at 6:23:58 AM
845	Larry Graff	jacobhgraff1@gmail.com	288 Gardendale Rd.	Encinitas, CA 92024	Nov 12, 2015 at 6:32:38 PM
846	Laura Agcaoili	Laura.Agcaoili@yahoo.com	523 N. Vulcan Ave. #09	Encinitas, CA 92024	Nov 13, 2015 at 10:05:53 AM
847	Laura Breidenthal	laurafalk@mac.com	614 Sycamore Lane	DAVIS, CA 95616	Nov 13, 2015 at 11:35:23 AM
848	Laura Carmona	lauracarmona@hotmail.com	1242 Cambria Way	Encinitas, Ca 92024	Feb 22, 2016 at 6:02:26 AM
849	Laura van den Bosch	Laurajvandenboscb@gmail.com	447 Ocean View	Encinitas , CA 92024	Mar 5, 2016 at 9:29:30 AM
850	Lauren Anderson	Anderson.lauren@yahoo.com	311 E Glaucus St	Encinitas, CA 92024	Nov 11, 2015 at 10:39:56 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
851	Lauren Clarke	Leche86@gmail.com	2630 Hope st	Oceanside , CA 92056	Nov 22, 2015 at 6:02:05 PM
852	Lauren Dillon	MySpace.mania@gmail.com	1880 avenida la posta	Encinitas, Ca 92024	Nov 12, 2015 at 8:50:35 PM
853	Lauren Drinhaus	laurendrinhaus@gmail.com	185 Saxony rd	Encinitas, CA 92024	Nov 12, 2015 at 10:38:42 PM
854	Lauren Gonzales	Laurengonzales36@gmail.com	805 Regal Road	Encinitas, CA 92024	Nov 13, 2015 at 12:04:54 AM
855	Lauren Hoffman	laurenhoffman14@gmail.com	1005 San Andrade Drive	Encinitas, CA 92024	Nov 12, 2015 at 2:10:32 PM
856	Lauren Thomas	Cupcake2929@gmail.com	202 Sierra ridge dr.	Encinitas, Ca 92024	Nov 12, 2015 at 6:38:26 PM
857	Laurenz Pakter	laurenzpakter@icloud.com	999 Elous ace	Encinitas , CA 92024	Nov 14, 2015 at 11:07:11 AM
858	Lauri Revell	lmwr@hotmail.com	829 Second Street, Suite A	Encinitas, CA 92024	Mar 29, 2016 at 2:59:29 PM
859	Laurie Penwarden	lpenwar@outlook.com	1441 Hygeia Ave.	Encinitas, Ca 92024	Mar 4, 2016 at 8:06:03 AM
860	Leah Christie	leahdarlene@gmail.com	7741 Palenque St.	Carlsbad, CA 92009	Jan 28, 2016 at 10:16:55 PM
861	LeeAnn Collins	Leeann.collins@gmail.com	2590 San Elijo Avenue	Cardiff, Ca 92007	Nov 13, 2015 at 10:08:10 AM
862	Leigh Booth	Leighkbooth@gmail.com	3004 red mtn dr	Valley Center, CA 92003	Mar 3, 2016 at 9:05:33 PM
863	lenny Jones	lennyjones@cox.net	450 sylvia st.	encinitas, ca 92024	Feb 21, 2016 at 4:22:02 PM
864	Leo Welnick	leowelnick@gmail.com	Oxford Avenue	Cardiff, CA 92007	Dec 17, 2015 at 6:59:00 PM
865	Leon Sabbas	Leonswagonrides13@gmail.com	548 splitrail dr	Encinitas, Ca 92024	Nov 12, 2015 at 12:27:13 AM
866	Leslie Maus	lesliemaus@yahoo.com	47-722 Kamehameha Hwy	Kaneohe, Hawaii 97644	Nov 13, 2015 at 4:10:41 PM
867	Lester Frank	Lestheseal@hotmail.com	225 west H street	Encinitas , CA 92024	Mar 7, 2016 at 7:17:11 AM
868	Lettie Minor	lett17@gmail.com	6684 Corte Maria	Carlsbad, Ca 92009	Nov 13, 2015 at 3:42:50 PM
869	Levi Dula	hawaiian-surfer2@hotmail.com	2578 Montgomery ave	Cardiff, CA 92007	Mar 3, 2016 at 9:08:37 PM
870	Lia Friedman	lia.friedman@gmail.com	875 San Dieguito drive	Encinitas, CA 92024	Feb 22, 2016 at 7:25:17 AM
871	Liam Perry	LiamRPerry@gmail.com	1820 S. El Camino Real Unit A101	Encinitas, CA 92024	Nov 13, 2015 at 10:07:20 AM
872	Liana Broyles	Ldbblue@gmail.com	1849 Wandering Road	Encinitas, CA 92025	Nov 13, 2015 at 7:16:15 AM
873	Libby Wiedenhoff	misslibbyw@gmail.com	280 Coneflower St.	Encinitas, CA 92024	Nov 27, 2015 at 3:06:42 PM
874	Lily McGuire	lilym321@hotmail.com	2134 Carol View Drive	Cardiff, CA 92007	Nov 12, 2015 at 12:19:12 PM
875	Linda Bailey	Lindafbailey@cox.net	529 Hermes ave	Encinitads, Ca 92024	Dec 6, 2015 at 7:46:06 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
876	Linda Leigh	lindacollinsleigh@gmail.com	1653 Legaye Drive	Cardiff, CA 92007	Nov 20, 2015 at 10:06:08 AM
877	Linda Little	lindalittle@san.rr.com	Haven Brook Place	San Diego, CA 92130	Nov 28, 2015 at 10:35:15 AM
878	Linda Lyerly	llyerly7@gmail.com	825 Munevar Rd.	Cardiff, CA 92007	Jan 26, 2016 at 11:35:04 AM
879	Linda Smiley	jl.smiley@msn.net	1480 Via Terressa	Encinitas, CA 92024	Nov 12, 2015 at 12:05:24 PM
880	Lindsey Larson	lindsey_larson@yahoo.com	781 North Poinsettia Park	Encinitas , CA 92024	Nov 12, 2015 at 11:38:00 AM
881	Lisa Butts	Gotsurflisa@aol.com	856 Genoa way	San marcos, Califo 93078	Nov 13, 2015 at 7:18:14 AM
882	Lisa Centeno	Centeno.87235@gmail.com	1807 N Vulcan St	Encinitas , Ca 92024	Feb 22, 2016 at 6:02:38 AM
883	Lisa Gulino	lisagulino44@gmail.com	2382 Carol View Drive 214	Cardiff, CA 92007	Nov 12, 2015 at 7:31:33 PM
884	Lisa Hawley Jennings	Lisamagic@cox.net	1507 Rubenstein Ave	Cardiff, CA 92007	Jan 2, 2016 at 7:39:02 PM
885	Lisa Hetman	llhetman@yahoo.com	948 N. Coast Hwy 101 Unit C	Encinitas, CA 92024	Jan 18, 2016 at 3:51:12 PM
886	Lisa Kennedy	lkennedy@worldviewtravel.com	2305 Newcastle Avenue	Cardiff, CA 92007	Nov 15, 2015 at 1:36:46 PM
887	Lisa Marie Torp	Lisatorp82@gmail.com	2142 Montgomery Ave	Cardiff, Ca 92007	Nov 13, 2015 at 4:19:14 PM
888	lisa markley	lisagmarkley@gmail.com	1587 san elijo ave	cardiff, CA 92007	Nov 28, 2015 at 5:48:57 PM
889	Lissette Argoud	lissette.argoud@hotmail.com	421 Santa Dominga	Solana Beach, CA 92075	Nov 12, 2015 at 8:38:42 PM
890	Liz Meyer	lae57@roadrunner.com	P.O. Box 234293	Encinitas, CA 92023	Jan 21, 2016 at 1:28:14 PM
891	Logan Brown	logbrothern11@gmail.com	2277 Edinburg Ave	Cardiff, CA 92007	Nov 12, 2015 at 10:37:47 AM
892	loren moreland	stoneymoreland@gmail.com	735 Santa fe dr	Encinitas, ca 92024	Jan 21, 2016 at 8:13:33 PM
893	Loretta Martinez	Lorettamartinez28@yahoo.com	753 Del Riego	Encinitas , CA 92024	Mar 30, 2016 at 12:51:09 PM
894	Lori Forsythe	Blforsythe@cox.net	1208 Ahlrich Ave	Encinitas , Ca 92024	Nov 12, 2015 at 8:20:05 AM
895	Lorri Grah	ldesigns1@yahoo.com	230 Ocean View Avenue	Encinitas, CA 92024	Nov 20, 2015 at 9:32:33 AM
896	Luca Forte	luca_forte@hotmail.com	1772 Haydn Dr	Cardiff , ca 92007	Nov 12, 2015 at 7:11:47 PM
897	Lucy Li	laffy19lucy@gmail.com	6748 Lonicera St	Carlsbad, CA 92011	Nov 12, 2015 at 7:44:27 PM
898	Luke Williams	Lukerwilliams18@yahoo.com	515 Forrest bluff	Encinitas, Ca 92024	Nov 29, 2015 at 11:14:02 PM
899	Lynda Hilton	Lynda_hilton@hotmail.com	950 pinon dr	Martinez, Ca 94554	Dec 3, 2015 at 8:02:22 PM
900	Lyndsey Richards	Lyndseyrichards12@gmail.com	2625 Pirineos Way	Carlsbad, Ca 92009	Nov 13, 2015 at 7:10:31 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
901	Lynn Marr	boxofpoems@gmail.com	434 La Veta Avenue	Leucadia, CA 92024	Nov 13, 2015 at 11:38:37 PM
902	Lynn Rosenzweig	Rosenzweig.lynn@gmail.com	1817 Oxford Avenue	Cardiff , Ca 92007	Mar 3, 2016 at 10:49:34 PM
903	Mackenzie Wieser	mackenzie_wilson@hotmail.com	1714 Sienna Canyon Dr	Encinitas , CA 92024	Nov 12, 2015 at 4:22:31 PM
904	Maddy Belin	belinmaddy@gmail.com	7318 Esfera St.	Carlsbad, CA 92009	Nov 12, 2015 at 8:08:02 PM
905	Madee McCloskey	madee.mc@gmail.com	1534 Vivaldi St.	Cardiff, CA 92007	Mar 8, 2016 at 7:56:50 AM
906	Madeleine Overlock	Maddyo@roadrunner.com	2124 Subida Terrace	Carlsbad, CA 92009	Nov 14, 2015 at 1:06:31 AM
907	Madeleine Petersen	madeleinempetersen@gmail.com	144 Liszt Ave	Cardiff, CA 92007	Nov 13, 2015 at 11:39:42 AM
908	Madeline Thunder	madelinethunder@gmail.com	1805 Westminster Drive	Cardiff, CA 92007	Nov 13, 2015 at 10:43:52 AM
909	Madelyn Luker	Madelyn.luker@yahoo.com	3038 Levante St.	Carlsbad, CA 92009	Nov 12, 2015 at 9:31:00 PM
910	Madge Torres	madgicalcats@gmail.com	810 Regal Road	Carlsbad, CA 92009	Mar 3, 2016 at 12:55:39 PM
911	Madison Vance	madivance@gmail.com	1940 Lahoud Drive	Cardiff-by-Sea, CA 92007	Dec 2, 2015 at 10:05:41 PM
912	Maggie Adams	maggiesandiego@gmail.com	7404 Sitio Lima	Carlsbad, CA 92009	Feb 24, 2016 at 8:44:56 PM
913	Maggie Weiss	Maggie.k.weiss@gmail.com	845 Jensen ct	Encinitas , Ca 92024	Nov 15, 2015 at 7:09:49 AM
914	Maja Muric	Mmuric@aol.com	649 Beach street	Encinitas, Ca 92024	Dec 24, 2015 at 12:35:43 PM
915	makayla amescua	salina.123@hotmail.com	116 liszt ave	cardiff , ca 92007	Nov 12, 2015 at 10:03:50 PM
916	Malcolm Pogue	Malcpogue@gmail.com	217 El Portal st.	Encinitas, CA 92024	Nov 12, 2015 at 7:50:36 PM
917	Mara Mcleod	Mcmara3@gmail.com	251 Delphinium	Encinitas , Ca 92024	Nov 12, 2015 at 9:58:20 AM
918	Marc Adam	Marcaadam3@gmail.com	107 no. coast hwy 101	Encinitas, Ca. 92024	Feb 22, 2016 at 1:51:07 PM
919	Marcel fuentes	marcelfuentes03@gmail.com	318 village run east	encinitas, ca 92024	Nov 16, 2015 at 11:42:17 AM
920	Marci Mauro	marcimauro@gmail.com	1549 Summit Ave	Cardiff, CA 92007	Nov 29, 2015 at 2:54:50 PM
921	Maren Paster	Marenpaster@gmail.com	2067 Coolngreen way	Encinitas, Ca 92024	Mar 6, 2016 at 9:06:08 PM
922	Marge Kohl	cmarge8@aol.com	220 Via Del Cerrito	Encinitas, Ca 92024	Nov 22, 2015 at 10:04:36 AM
923	Maria Bacani	marite621@gmail.com	4175 Executive Drive Unit G107	La Jolla, CA 92037	Nov 24, 2015 at 7:14:37 PM
924	Maria Bortman	Maria.bortman@yahoo.cm	1199 Arden drive	Encinitad, Ca 92024	Mar 6, 2016 at 9:49:50 AM
925	Maria Trezza	miatrezza@gmail.com	721 South Cedros Ave, Apt 4	Solana Beach, CA 92075	Mar 3, 2016 at 3:18:58 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
926	Marianne Shamlou	Marianneshamlou@gmail.com	442 villa Blanca court	Encinitas , Ca 92024	Mar 3, 2016 at 5:33:24 PM
927	Marie Coco-Tessieri	4lalala@msn.com	1743 Legaye Drive	Cardiff, CA 92007	Dec 2, 2015 at 4:30:39 PM
928	Marie Dardarian	imzmd@roadrunner.com	1404 Rubenstein Ave	Cardiff, CA 92007	Mar 21, 2016 at 12:13:09 PM
929	Mario Covic	covicster@gmail.com	Montgomery	Cardiff , Ca 92007	Dec 13, 2015 at 1:30:48 PM
930	Mario Rodriguez	Mario.rodriguez.0000@gmail.com	528 park ln	Encinitas , Ca 92024	Nov 12, 2015 at 11:35:24 PM
931	Marisa McBride	marisajmcbride@gmail.com	5198 Shore Drive	CArlsbad, CA 92008	Nov 13, 2015 at 8:34:18 AM
932	marissa brennan	marissabrennan25@yahoo.com	1002 quail gardens ct	encinitas, ca 92024	Nov 13, 2015 at 8:40:22 AM
933	Marissa Bruce	Mcleivas14@yahoo.com	1073 Woodlake Drive	Cardiff, Ca 92007	Feb 8, 2016 at 7:17:49 PM
934	Marissa Herrman	Marissaherrman@yahoo.com	Marissaherrman@yahoo.com	Encinitas , Ca 92024	Nov 12, 2015 at 12:48:28 AM
935	marissa padus	Marissa.padus@gmail.com	2232 corte cicuta	carlsbad, ca 92009	Nov 13, 2015 at 11:16:54 AM
936	Marjorie Kouma	Kouma_m@ymail.com	1192 Arden Dr.	Encinitas, Ca 92024	Nov 11, 2015 at 8:18:50 PM
937	Mark Antonio	Mantonio88@yahoo.com	777 2nd st	Encinitas, CA 92024	Mar 4, 2016 at 8:57:34 AM
938	Mark Bobo	markbobo77@yahoo.com	1849 Oxford Avenue	Cardiff, CA 92007	Nov 12, 2015 at 7:42:13 AM
939	Mark Fortuna	mark@mumphus.com	1345 Caminito Septimo	Cardiff, CA 92007	Feb 26, 2016 at 12:35:35 PM
940	mark Owen	markowen1@cox.net	1575 San Elijo ave	Cardiff, CA 92007	Nov 22, 2015 at 1:08:37 PM
941	mark357177@hotmail.com	mark357177@hotmail.com	hhQaPZYQYt	Encinitas, Ca 92023	Feb 8, 2016 at 3:31:21 AM
942	Marne Moore	Marneboom@gmail.com	1740 s el Camino real	Encinitas, Ca 92024	Nov 13, 2015 at 7:26:23 AM
943	Martin C. Schulman	martyschulmanmd@gmail.com	1724 Hill Top Lane	Encinitas, CA 92024	Mar 1, 2016 at 12:41:33 PM
944	Marty Talcove	martytalcove@gmail.com	Melba Road	Encinitas , CA 92024	Dec 30, 2015 at 10:22:53 AM
945	Mary and Reiner Klawiter	mrklawiter@comcast.net	1735 Westminster Dr.	Cardiff, Ca 92007	Nov 16, 2015 at 8:05:59 AM
946	Mary Anderson	Maryandbilly@hotmail.com	1809 Monthomery Ave	Cardiff, CA 92007	Nov 10, 2015 at 9:30:42 PM
947	Mary Baker	Mj-baker@cox.net	1515 Summit Ave	Cardiff, Ca 92007	Feb 5, 2016 at 10:04:48 PM
948	Mary Cokeley	mcokeley1@gmail.com	7333 Calle Alma	Carlsbad, CA 92009	Dec 11, 2015 at 5:28:40 PM
949	Mary Jo Redman	mjredman@hotmail.com	1261 windsor Road	Cardiff, CA 92007	Jan 16, 2016 at 9:01:20 PM
950	Mary Kimball	mmlkimball@aol.com	41 east E street	Encinitas, CA 92024	Mar 1, 2016 at 7:27:23 PM

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	Name	Email	Street Address	City, State, Zip	Date form submitted
951	mary wieder	mtcwoof@gmail.com	129 camino de las flores	ENcinitas, CA 92024	Nov 21, 2015 at 2:29:20 PM
952	MaryJo Schumann	mj.schumann@cox.net	1651 Rubenstein Drive	Cardiff, CA 92007	Nov 11, 2015 at 9:39:30 PM
953	Mathew Kraus	mattvkraus@aol.com	329 Ocean View ave	Encinitas , CA 92024	Nov 13, 2015 at 2:04:31 PM
954	Mathew Wisniewski	deirdre3@COX.NET	939 Las Brisas Way	Cardiff, CA 92007	Dec 11, 2015 at 12:46:11 PM
955	Matt Farrer	Ferrarisurfer@yahoo.com	3426 Mt. Aachen Ave	San Diego, CA 92111	Nov 12, 2015 at 6:15:06 PM
956	Matt Mahoney	Matt.mahoney760@gmail.com	462 Liverpool dr.	Cardiff, Ca 92007	Nov 12, 2015 at 6:58:29 AM
957	Matt morrison	kristieinsdjunk@yahoo.com	2232 Edinburg Abe	cardiff, ca 92007	Nov 12, 2015 at 11:49:15 PM
958	Matt Valente	mvalente760@gmail.com	1624 Falcon Hill Court	Cardiff, CA 92007	Nov 24, 2015 at 8:37:53 PM
959	Matt Weber	webster325@gmail.com	1635 San Elijo Ave	Cardiff, CA 92007	Jan 13, 2016 at 7:09:35 PM
960	Matthew Arnold	Marnild760@gmail.com	278 Fraxinella st	Encinitas, Ca 92024	Nov 12, 2015 at 1:48:27 PM
961	Matthew Carabia	mcarabia@gmail.com	738 poinsettia park north	Encinitas, CA 92024	Mar 9, 2016 at 9:25:16 AM
962	Matthew Strickland	Mjstrick760@gmail.com	1971 Azure Way	Encinitas, CA 92025	Nov 28, 2015 at 3:30:36 PM
963	Mattie Murnane	mattiemurnane@gmail.com	5233 milton road	carlsbad, CA 92008	Mar 17, 2016 at 9:31:08 PM
964	Maura Sheehan	cranberet1@gmail.com	155 Rosebay Drive #20	Encinitas, CA 92024	Feb 10, 2016 at 8:09:31 PM
965	Maureen Moss	maureen.moss.phd@gmail.com	1338 Rubenstein Ave	Cardiff, CA 92007	Mar 7, 2016 at 9:56:09 AM
966	Max Grau	maheegrau@gmail.com	Stratford Drive	Encinitas, CA 92024	Dec 9, 2015 at 6:51:01 PM
967	Max Parker	Mparker2017@cchsdons.com	13126 Winstanley Way	San Diego , CA 92130	Nov 13, 2015 at 10:26:34 AM
968	Max Robson	maxilla730@gmail.com	939 regal rd	encinitas , ca 92024	Dec 3, 2015 at 10:09:01 AM
969	Max Schwaner	maxschwaner@gmail.com	930 Orpheus Ave	Encinitas, CA 92024	Mar 7, 2016 at 6:39:09 PM
970	Maxwell Walther	max.walther.acad4@gmail.com	1540 PlumtreeDr	Enicnitas, CA 92024	Nov 13, 2015 at 9:50:04 AM
971	Maxwell Wittenberg	maxwitt444@gmail.com	2559 Montgomery Ave	Cardiff , CA 92007	Mar 2, 2016 at 1:40:20 PM
972	Maycie Thornton	mayciethornton@gmail.com	1835 Playa Riviera Dr.	Cardiff, CA 92007	Nov 12, 2015 at 9:13:31 PM
973	McCall Revell	Mccallmrevell@gmail.com	7711 Palenque st	Carlsbad, CA 92009	Feb 19, 2016 at 3:04:17 PM
974	meagan glazier	meaganglazier@gmail.com	2887 Camino Serbal	Carlsbad, CA 92009	Nov 29, 2015 at 4:14:18 PM
975	Megan Burns	meganeburns12@gmail.com	1625 Summit Ave.	Cardiff, CA 92007	Jan 26, 2016 at 8:36:54 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
976	Megan Koraly	megankoraly@gmail.com	128 S. Darien Dr.	Encinitas, CA 92024	Nov 12, 2015 at 9:16:52 AM
977	Megan Pynes	Meganpynes@gmail.com	1504 Vivaldi Street	Cardiff, CA 92007	Nov 12, 2015 at 9:07:33 PM
978	Megan Ruiz	meganruiz2016@gmail.com	3017 quebrada circle	Carlsbad , CA 92009	Nov 12, 2015 at 8:05:36 AM
979	Melanie block	melaniemarie7@gmail.com	2002 shady tree lane	encinitas , ca 92024	Nov 13, 2015 at 8:07:53 AM
980	Melanie Costa	Melanierosecosta@yahoo.com	2425 B Levante St	Carlsbad, Ca 92009	Nov 12, 2015 at 9:10:50 PM
981	Melinda Tomes	Mwilliams@telgian.com	4200 Shorepointe Way	San Diego, CA 92130	Nov 13, 2015 at 4:09:19 PM
982	Melissa Adams	adamsmelissa12@gmail.com	5158 Whitman Way	Carlsbad, CA 92008	Mar 5, 2016 at 12:04:10 PM
983	Melissa Barbano	Melissabarbano@yahoo.com	728 San Dieguito	Encinitas, Ca 92024	Nov 12, 2015 at 9:50:58 PM
984	Melissa Fredendall	Ursupposed2@gmail.com	1033 Saint Albans Drive	Encinitas, CA 92024	Mar 8, 2016 at 8:33:57 AM
985	Melissa Jacka	Missymay@cox.net	154 Redwoood Ave	Carlsbad, Ca 92008	Nov 13, 2015 at 7:04:24 AM
986	Melissa Johnson	Melissanne.johnsom@gmail.com	3016 Segovia ct	Carlsbad, Ca 92009	Nov 12, 2015 at 7:26:13 PM
987	Melody Jones	melodioussf@gmail.com	265 Sunset Drive	Encinitas, CA 92024	Nov 11, 2015 at 3:41:28 PM
988	Meredith Weiss	Meredith.weiss@pepperdine.edu	845 Jensen ct	Encinitas, Ca 92024	Nov 15, 2015 at 3:05:31 AM
989	Micah Allmon	Mallmonllc@gmail.com	1234 windsor rd	Cardiff, CA 92007	Feb 22, 2016 at 3:10:22 PM
990	Micah Hardke	micahoneal@me.com	1290 Birmingham drive	Encinitas, Ca 92024	Mar 8, 2016 at 6:55:55 AM
991	Michael Burns	mburns.oneill@cox.net	1625 Summit Ave	Cardiff, CA 92007	Nov 13, 2015 at 11:50:01 AM
992	Michael Carder	Mikecarder@gmail.com	2140 Oxford Ave	Cardiff, CA 92007	Nov 12, 2015 at 6:11:19 PM
993	Michael Cemper	Cempercontracting@gmail.com	1804 MacKinnon ave	Cardiff, Ca. 92097	Mar 2, 2016 at 10:48:56 AM
994	Michael Clancy	Mikeclancy92007@yahoo.com	3841Grandon Avenue	San Marcos , CA 92078	Nov 10, 2015 at 7:30:57 PM
995	Michael Jufiar	M.jufiar@gmail.com	1460 Yost Dr.	La Jolla, CA 92109	Nov 12, 2015 at 7:23:42 PM
996	Michael Julien	michaeljulien@gmail.com	6717 Limonite Ct	Carlsbad, CA 92009	Jan 26, 2016 at 12:36:05 PM
997	michael kim	michaelskimod@gmail.com	1651 burgundy rd	encinitas, ca 92024	Mar 27, 2016 at 11:00:53 AM
998	Michael Littman	mlittman@cox.net	2248 Cambridge Avenue	Cardiff, CA 92007	Feb 22, 2016 at 7:53:56 AM
999	Michael Madden	firekeep29@gmail.com	1132 Aloha Drive	Encinitas, CA 92024	Nov 23, 2015 at 11:46:38 AM
1000	Michael McNeff	mike.mcneff@sbcglobal.net	1991 Village Park Way	Encinitas, CA 92024	Mar 3, 2016 at 9:49:32 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
1001	Michael Tolda	Matolda@mac.com	1689 San Elijo Ave	Cardiff, CA 92007	Nov 29, 2015 at 7:58:18 PM
1002	Michael Tomaska	dhisownmotherb@gmail.com	669 Santa Rosita	Solana Beach, Ca 92075	Nov 29, 2015 at 10:47:57 PM
1003	Michael Zimber	mpzbzz@gmail.com	2404 Caminito Ocean Cove	Cardiff, CA 92007	Nov 11, 2015 at 1:56:14 PM
1004	Michele Grad	Drblondie83@cox.net	304 liszt ave	Cardiff, Ca 92007	Nov 10, 2015 at 7:12:59 PM
1005	Michele Miller	michelemiller0@gmail.com	1581 Crest Drive	Encinitas, CA 92024	Mar 9, 2016 at 9:26:03 PM
1006	Michele Royle	theroyles@cox.net	1133 Stratford Drive	Encinitas, CA 92024	Nov 29, 2015 at 1:48:08 PM
1007	Michele Van Houten	mvhsdp@aol.com	1428 Calle Christopher	Encinitas, CA 92024	Nov 15, 2015 at 2:44:16 PM
1008	Michelle Burke	Michellelynnburke@gmail.com	P.o.box 231577	Encinitas, Ca 92023	Nov 21, 2015 at 7:16:27 AM
1009	Michelle Gould	Gould_michelle@yahoo.com	1704 Avenida La Posta	Encinitas, CA 92024	Nov 28, 2015 at 1:39:41 PM
1010	Michelle Murphy	mishydafishy@yahoo.com	7335 Paseo Capuchina	Carlsbad, CA 92009	Dec 6, 2015 at 12:31:43 AM
1011	Michelle Pasquariello	michellerenee99@yahoo.com	2130 Orinda Dr. Unit A	Cardiff, CA 92007	Feb 10, 2016 at 7:52:51 AM
1012	Michelle Pierce	jumprope95@yahoo.com	2410 La Plancha Lane	Carlsbad , CA 92009	Nov 12, 2015 at 3:09:13 PM
1013	Michelle Tsang	Itsmichellet@gmail.com	2937 Segovia way	Carlsbad, CA 92009	Nov 12, 2015 at 4:23:54 PM
1014	Michelle Walker	cardiff.walker@gmail.com	144 Liszt Ave.	Cardiff, CA 92007	Nov 13, 2015 at 4:37:54 PM
1015	Mick Rodgers	Rodge011@csusm.edu	847 N Vulcan	Encinitas, Ca 92025	Nov 12, 2015 at 8:06:12 PM
1016	Mike Flanagan	Mflanz@gmail.com	1919 Cambridge ave	Cardiff, Ca 92007	Nov 30, 2015 at 6:10:45 PM
1017	Mike Kirsch	mlkirsch@cox.net	2517 Newport Ave	Cardiff, CA 92008	Mar 4, 2016 at 7:38:03 AM
1018	Mike Macklosky	Moezmoe@yahoo.com	2274 carol view dr d 309	Cardiff, Ca 92007	Nov 12, 2015 at 1:36:22 PM
1019	Mike Moll	mistermoll@gmail.com	2408 Jacaranda Ave	Carlsbad, CA 92009	Dec 7, 2015 at 8:49:34 AM
1020	Mike Rawluk	homes@mikerawluk.com	716 munevar road	cardiff , ca 92007	Nov 12, 2015 at 2:23:22 PM
1021	Miles Loef	mloef2016@cchsdosn.com	1754 Eucaluptus Avenue	Leucadia , CA 92024	Nov 13, 2015 at 1:32:56 PM
1022	Mimi Cole	mimibysea@cox.net	1571 Summit Ave	Cardiff, CA 92007	Mar 2, 2016 at 9:22:20 AM
1023	Mimi Kennedy	kennedymh9@yahoo.com	460 Summer View Circle	Encinitas, CA 92024	Nov 12, 2015 at 11:35:48 PM
1024	mimi wolin	mimiwolin@hotmail.com	403 arroyo dr	encinitas, ca 92024	Nov 14, 2015 at 9:53:03 AM
1025	minedys macias	Minedys@hotmail.com	1266 evergreen drive	cardiff, CA 92007	Jan 28, 2016 at 10:51:22 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
1026	Misty Johnson	misty820@aol.com	1410 Calle Christopher	Encinitas, CA 92024	Mar 6, 2016 at 7:41:49 AM
1027	Mitchell Clarke	mitchellrclarke@gmail.com	1027 Emma Drive	Cardiff, CA 92007	Mar 2, 2016 at 12:12:31 PM
1028	Mollie Casazza	Molliecasazza@gmail.com	1231 Avocet Ct	Cardiff, Ca 92007	Mar 8, 2016 at 9:32:06 AM
1029	Mona-Lisa Ortega	Lisaortega555@gmail.com	933 San Dieguito Drive	Encinitas, CA. 92024	Mar 3, 2016 at 2:08:49 PM
1030	Monique Larson	Kona_chambers@hotmail.com	111 n Loomis ave	Fort Collins , Co 80521	Nov 12, 2015 at 8:23:37 PM
1031	Monique Leibee	missmonique119@aol.com	271 countryhaven rd	encinitas, ca 92024	Nov 12, 2015 at 7:13:18 PM
1032	Morea West	Moreawestt@gmail.com	1055 Cottage Way	Encinitas, CA 92024	Mar 3, 2016 at 9:46:32 AM
1033	Morgan Nava	annava@csumb.edu	2230 Encinitas Blvd	Encinitas, CA 92024	Feb 24, 2016 at 12:25:36 PM
1034	Moto Nakanishi	spam619@gmail.com	5250 Mt. Arian Ct.	San Diego, CA 92111	Mar 7, 2016 at 3:30:53 PM
1035	mr beck	mr.beck76@gmail.com	109 Lancer Ave	Oceanside , Ca 92058	Nov 13, 2015 at 12:19:59 PM
1036	Myles Mckeown	Myles95@gmail.com	1050 3rd street	Encinitas , CA 92024	Nov 12, 2015 at 9:35:47 AM
1037	Myriah Toups	Cm3mtoups@yahoo.com	PO Box 51	Tesuque , NM 87574	Mar 8, 2016 at 8:51:01 AM
1038	Nancy Andon	andonnancy@gmail.com	1543 Kings Cross Drive	Cardiff, CA 92007	Mar 3, 2016 at 7:26:06 PM
1039	Nancy Burns	nburns@cox.net	1625 Summit Ave.	Cardiff, CA 92007	Nov 11, 2015 at 6:47:16 AM
1040	Nancy Fraser	nlfraser@yahoo.com	1902 Mackinnon Ave.	Cardiff, CA 92007	Mar 1, 2016 at 11:25:24 AM
1041	Nancy Headrick	Nheadrick@cox.net	1026 2nd st	Encinitas, Ca 92024	Mar 3, 2016 at 9:30:43 PM
1042	nancy loch	nmloch9655@gmail.com	2831 Luciernaga St	Carlsbad, CA 92009	Mar 2, 2016 at 10:11:58 PM
1043	Natalie Engel	Natalieengel@sbcglobal.net	1651 leora lane	Encinitas, Ca 92024	Nov 14, 2015 at 10:43:00 AM
1044	Natalie Lindsey	nlindsey22@gmail.com	1386 Rubenstein Avenue	Cardiff, CA 92007	Nov 12, 2015 at 1:20:28 PM
1045	Natalie Tesan	natstimpson@yahoo.co.uk	235 May court	Cardiff, Ca 92007	Nov 15, 2015 at 11:39:02 AM
1046	Natalie Young	Natalielyoung@yahoo.com	2151 Montgomery ave	Cardiff , Ca 92007	Nov 12, 2015 at 10:07:12 PM
1047	Nathan Seymour	ns.seymour@gmail.com	807 1/2 Main St	Huntington Beach, CA 92648	Nov 12, 2015 at 9:30:44 AM
1048	Neil Christiansen	neilrchristiansen@gmail.com	2063 Edinburg Ave.	Cardiff, CA 92007	Mar 5, 2016 at 12:40:49 PM
1049	Neil Pommier	neil.pommier@gmail.com	1913 San Elijo Ave	Cardiff, CA 92007	Nov 12, 2015 at 8:12:48 PM
1050	neil pommier	neil@wipmarketing.com	1923 San Elijo Ave	Cardiff, CA 92007	Mar 8, 2016 at 10:38:08 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
1051	Neusa Silva	neusamariasilva@gmail.com	930 Bonita Drive	Encinitas, CA 92024	Feb 21, 2016 at 7:11:00 PM
1052	Neva Peyton	neva.peyton@gmail.com	2383 Newport Avenue	Cardiff, CA 92007	Dec 24, 2015 at 12:03:40 PM
1053	Nia Acevedo	Nia.avacado@gmail.com	1374 Orpheus avenue	Encinitas, CA 92037	Nov 27, 2015 at 8:46:29 AM
1054	Nicholas Marcum	nick.marcum@gmail.com	1641 Rubenstein Dr.	Cardiff, CA 92007	Dec 4, 2015 at 4:40:25 PM
1055	Nick Day	Nickday702@gmail.com	843 4th street	Encinitas, CA 92024	Nov 13, 2015 at 8:20:52 AM
1056	Nick Devine	devine425@hotmail.com	561 Cornish Drive	Encinitas, CA 92024	Nov 15, 2015 at 10:57:43 AM
1057	Nick Olsen	nickolsen8@gmail.com	355 Hickoryhill Dr	Encinitas, CA 92024	Mar 8, 2016 at 10:14:24 AM
1058	Nick Suhadolnik	nicksuh@amail.com	Hygeia	Encinitas , CA 92024	Dec 17, 2015 at 5:40:09 PM
1059	Nick Watson	Nickgatelywatson@gmail.com	7724 marker road	San diego, Ca 92130	Nov 13, 2015 at 10:52:43 AM
1060	Nicolas Tverdoch	nickyt465@yahoo.com	820 Encinitas Blvd.	Encinitas, CA 92024	Nov 13, 2015 at 5:14:10 PM
1061	Nicole Dodson	ndodson2@gmail.com	3770 Grim Ave #7	San Diego, CA 92104	Nov 23, 2015 at 9:15:04 AM
1062	Nicole Frazier	nicolefrazier1111@gmail.com	6980 Ballena Way #43	Carlsbad, CA 92009	Nov 12, 2015 at 6:34:58 PM
1063	Nicole Hales	Nv.hales@yahoo.com	699 n Vulcan ave	Encinitas , Ca 92024	Feb 22, 2016 at 11:25:02 AM
1064	Nicole Hansult	nicolehansult@gmail.com	1609 Honeysuckle Court	Encinitas, CA 92024	Nov 19, 2015 at 9:43:31 PM
1065	Nicole Masoud	Nikkib018@gmail.com	722 tide court	Carlsbad, Ca 92011	Nov 13, 2015 at 5:22:02 AM
1066	Nicole O"Neil	oneilnicole@yahoo.com	7619 Circulo Sequoia	Carlsbad, CA 92009	Mar 2, 2016 at 12:10:04 PM
1067	Nicole Tessieri	andersennicole@hotmail.com	7927 Calle Posada	carlsbad, CA 92009	Mar 17, 2016 at 5:57:30 PM
1068	Nicole Troncone	Nicoletroncone@gmail.com	1339 windsor rd	Cardiff , Ca 92007	Nov 11, 2015 at 7:51:43 PM
1069	Nicoletta Mandia	nik.aeberli@gmail.com	2015 Edinburg Ave	Cardiff, ca 92007	Mar 8, 2016 at 11:35:25 AM
1070	Niko Marinos	niko_marinos@yahoo.con	920 oldham court	Encinitas , CA 92024	Nov 14, 2015 at 12:14:14 PM
1071	Nina Randolph	Ninabellerandolph@gmail.com	8067 via arce	Carlsbad, CA 92009	Dec 23, 2015 at 10:29:11 PM
1072	Noah lizerbram	noahl94@gmail.com	8016 Paseo Esmerado	Carlsbad, CA 92009	Nov 13, 2015 at 4:16:35 AM
1073	Noelle Smiley	mccoolsmiley@gmail.com	1145 SEA VILLAGE DR	Cardiff, CA 92007	Nov 12, 2015 at 12:03:12 PM
1074	Octavio Hernandez	octavioohiii@gmail.com	Leucadia Blvd.	Encinitas CA, CA 92024	Nov 13, 2015 at 1:38:57 AM
1075	Olivia Olmstead	olivia010786@gmail.com	1511 Summit Ave	Cardiff, CA 92007	Jan 27, 2016 at 8:58:03 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
1076	olivia strickland	Livi.strickland@yahoo.com	902 summer holly lane	encinitas, ca 92024	Nov 28, 2015 at 9:23:01 AM
1077	Olivia Szymanski	livszy@yahoo.com	952 Sandcastle Dr.	Cardiff, CA 92007	Nov 12, 2015 at 8:40:06 PM
1078	Owen Barrett	owen.barrett12@gmail.com	2072 Glasgow Ave	Cardiff, CA 92007	Nov 12, 2015 at 6:16:33 PM
1079	Owen Rassman	owen@rassman.com	2033 San Elijo Ave. #275	Cardiff, CA 92007	Feb 29, 2016 at 7:25:22 AM
1080	Paetyn Parman	paetyn.parman@yahoo.com	1237 North Vulcan Ave	Encinitas, CA 92024	Nov 13, 2015 at 2:18:57 PM
1081	Paige Amico	Paigeamico@gmail.com	3529 Corte Esperanza	Carlsbad, CA 92009	Nov 13, 2015 at 5:34:58 AM
1082	Pam Slater-Price	pcslater@mac.com	1844 Camino Del Mar	Del Mat, CA 92014	Mar 9, 2016 at 10:04:31 AM
1083	Pamela Foreman-Kelso	Pplumeria989@all.com	P0 Box 235616	Encinitas, CA, 92023	Nov 15, 2015 at 4:40:53 PM
1084	Pamela Gandy	Gandypamela@hotmail.com	1831 Gatepost Rd	Encinitas, CA 92924	Nov 16, 2015 at 12:37:50 PM
1085	Pamela Hanno	pamelahannondesigns@gmail.com	350 N el camino real	Encinitas, CA (CA) 92024	Feb 21, 2016 at 8:05:01 PM
1086	Parke Lupo	Plupo2@hotmail.com	1917 San Elijo road	Cardiff, CA 92007	Mar 8, 2016 at 12:27:05 AM
1087	Patrice Ellman	pehtrice@yahoo.com	1736 Westminster Dr.	Cardiff, CA 92007	Jan 22, 2016 at 6:33:53 AM
1088	Patrice Isenhower	patriceisenhower@yahoo.com	825 Doris Dr	Encinitas, CA 92024	Mar 16, 2016 at 4:16:27 PM
1089	Patrice Whitney	plwhitney@yahoo.com	Arden Drive	Encinitas , CA 92024	Dec 17, 2015 at 5:51:16 PM
1090	Patricis Louis	patrishka1@yahoo.com	1106 2ndSt #306	Encinitas, CA 92024	Nov 13, 2015 at 8:59:46 AM
1091	patrick brady	liquidreality@hotmail.com	1030 eolus ave	encinitas, ca 92056	Jan 17, 2016 at 6:26:12 PM
1092	patrick crilly	pjcrilly@gmail.com	458 3rd street	Encinitas, CA 92024	Nov 20, 2015 at 8:22:47 AM
1093	Patrick Dodd	patrickdodd@live.com	238 May Ct	Cardiff, CA 92007	Mar 14, 2016 at 11:59:12 PM
1094	patrick kennedy	pkennedy@torreypartners.com	1719 san elijo ave	cardiff, CA 92007	Nov 26, 2015 at 9:09:16 AM
1095	Patrick Mitchell	patrickmitchellbiz@gmail.com	5009 Polaris Cove	Greenacres, Florida 33463	Mar 3, 2016 at 4:46:57 PM
1096	Patti Barrett	patti.barrett@gmail.com	32 Brookmeadow Drive	Wimberley , Texas 78676	Nov 12, 2015 at 9:11:09 PM
1097	Patty Cajucom	Pakiricegirl@hotmail.com	600 E Weddell	Sunnyvale, Ca 94089	Nov 11, 2015 at 9:29:28 PM
1098	Patty Scott	pattyscott13@yahoo.com	1630 Westminster Drive	Cardiff, CA 92007	Nov 15, 2015 at 6:47:02 PM
1099	Patty Stang	pstang@san.rr.com	5220 Caminito Vista Lujo	San Diego, CA 92130	Mar 4, 2016 at 4:06:20 PM
1100	Paul Burgon	Paulkburgon@hotmail.com	1655 honeysuckle ct	Encinitas, Ca 92024	Nov 12, 2015 at 9:15:26 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
1101	Paul Gaspar	paul@gasparpt.com	748 Lynwood Dr	Encinitas, CA 92024	Jan 25, 2016 at 1:15:17 PM
1102	Paul Hassett	pnhassett@aol.com	2290 Manchester Ave	Cardiff, CA 92007	Jan 27, 2016 at 6:22:50 AM
1103	Paul Lopez	paulrlopez@hotmail.com	7359 portage way	carlsbad, ca 92011	Nov 13, 2015 at 11:00:41 AM
1104	Paul McClure	dj.n3rd@gmail.com	2174 Cambridge Ave	Cardiff, CA 92007	Nov 14, 2015 at 4:55:09 AM
1105	Paul Myers	norailtrail.com@fiveforty.com	133 W Jason Street	Encinitas, CA 92024	Jan 21, 2016 at 12:34:24 PM
1106	Paul Roainack	Prosinack@qualigeninc.com	15817 Caminito Cantaras	Del Mar, CA 92014	Mar 27, 2016 at 1:00:27 PM
1107	Paul Rossano	rossano.paul@gmail.com	1491 SUMMIT AVENUE	CARDIFF, CA 92007	Mar 3, 2016 at 10:08:48 AM
1108	Paula Isley	paula.isley@yahoo.com	7955 La Selva Way	Carlsbad, CA 92009	Nov 13, 2015 at 9:59:40 AM
1109	Paulla Weddle	paullarweddle@cox.net	2257 Montgomery Ave	Cardiff, Ca 92007	Feb 29, 2016 at 5:47:02 PM
1110	Pavel Dubinin	Sqapavel@gmail.com	1106 Laguna Ave	Burlingame, Ca 94010	Mar 4, 2016 at 10:54:21 PM
1111	Peri Strait	peristrait@gmail.com	722 Rihely Place	Encinitas, CA 92024	Mar 3, 2016 at 9:45:02 AM
1112	Peter Goddard	Goddardpeter@me.com	1810 Westminster dr	Cardiff, CA 92007	Nov 12, 2015 at 8:20:33 PM
1113	Peter Martin	pdakmartin@roadrunner.com	2231 Ruddy Duck Ct	Cardiff, CA 92007	Jan 22, 2016 at 12:29:32 PM
1114	Peter Podein	Peterpodein@gmail.com	2179 Sea Village Circle	Cardiff, CA 92007	Feb 7, 2016 at 3:28:21 PM
1115	Petra Kavanagh	Petrakavanagh@hotmail.com	932 Ocean View Avenue	Encinitas, CA 92024	Mar 2, 2016 at 5:05:07 PM
1116	Peyton Theodore	peyton@cardiffacupuncture.com	2053 Edinburg Avenue	Cardiff, CA 92007	Nov 12, 2015 at 4:15:21 PM
1117	Phil Gallo	Phil@acu-fit.com	582 sweet pea place	Encinitas, Ca 92024	Mar 2, 2016 at 4:32:15 PM
1118	Phil Graham	philip_graham@yahoo.com	1501 Neptune Avenue	encinitas, CA 92024	Mar 25, 2016 at 4:36:57 PM
1119	Phil Shubin	pashubin@gmail.com	1425 San Elijo Ave	Cardiff, CA 92007	Nov 20, 2015 at 10:34:05 AM
1120	Phillip Eichten	peichten@gmail.com	2730 MacDonald St	Oceanside, CA 92054	Mar 8, 2016 at 8:55:59 AM
1121	Piper Conley	pqconley@gmail.com	659 Dell Street	92075, CA 92075	Nov 12, 2015 at 7:05:01 PM
1122	quiana whitmore	quiwhi2@hotmail.com	825 gonzales st.	solana beach, CA 92075	Nov 11, 2015 at 10:16:56 PM
1123	Rachael Graff	beach.rat.blonde@hotmail.com	288 Gardendale Rd.	Encinitas, CA 92024	Nov 12, 2015 at 6:31:09 PM
1124	Rachel Kaliff	Kaliff98@hotmail.com	7210 eads ave.	San diego, CA 92037	Nov 14, 2015 at 12:05:31 PM
1125	rachel Reed	rachelgreenberg5@gmail.com	1223 caminito septimo	cardiff, CA 92007	Nov 29, 2015 at 12:38:00 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
1126	Rachel Valles Key	rvalleskey@yahoo.com	3417 purer road	escondido, ca 92029	Nov 12, 2015 at 5:46:36 PM
1127	Ralph Mayer	use1215@mayermail.net	1661 Westminster Dr	Cardiff, ca 92007	Nov 26, 2015 at 12:33:35 PM
1128	Randolf Cherewick	stmichelemail@gmail.com	2551 San Elijo Ave.	Cardiff, CA 92007	Nov 19, 2015 at 5:27:12 PM
1129	Raquel Giscafre	Raquel@promotionsports.org	1856 Rossini dr	Cardiff, Ca 92007	Mar 6, 2016 at 10:24:44 PM
1130	Raquel Keck	Raquelkeck@yahoo.com	352 la Mesa avenue	Encinitas , CA 92024	Nov 13, 2015 at 11:35:21 AM
1131	ray ellis	rayellis9@gmail.com	141 grandview 26	ENCINITAS, CA 92024	Mar 7, 2016 at 7:36:48 PM
1132	Ray Savage	rsavage@cox.net	642 Arden Drive	Encinitas, CA 92024	Nov 21, 2015 at 2:22:21 PM
1133	rebecca bauer	rebeccabauer@cox.net	115 verdi ave.	cardiff, ca 92007	Mar 6, 2016 at 5:42:12 PM
1134	Rebecca Conahan	rldwyer99@yahoo.com	2183 Sea Villagr Cir	Cardiff, CA 92007	Nov 12, 2015 at 12:57:08 PM
1135	Rebecca Duncan	jrebeccaduncan@gmail.com	1070 Glen Arbor Drive	Encinitas, CA 92024	Nov 13, 2015 at 11:37:58 AM
1136	Rebecca Rudderow	Rebeccarudderow@att.net	1302 Evergreen Drive	Cardiff, Ca 92007	Mar 30, 2016 at 8:40:23 PM
1137	Rebeecca Bauer	rebeccabauer@cox.net	115 Verdi Ave	Cardiff, Ca 92007	Nov 11, 2015 at 9:25:29 AM
1138	Reed schuette	reedschuette@gmail.com	1053 Wotan dr	encinitas, ca 92024	Nov 13, 2015 at 1:33:08 PM
1139	Rees Kenney	rkdub21@gmail.com	2307 Wales Dr	Cardiff, CA 92007	Feb 22, 2016 at 11:55:39 AM
1140	Regan Shouldis	Regan.shouldis@gmail.com	1109 Encinitas Blvd	Encinitas , CA 93024	Nov 12, 2015 at 8:30:00 PM
1141	Regin Daniels	regindaniels@gmail.com	1687 San Elijo Ave.	Cardiff, CA 92007	Dec 4, 2015 at 4:05:59 PM
1142	Reid Duncan	reidmduncan@gmail.com	1949 West Sycamore Avenue	Orange, CA 92866	Nov 12, 2015 at 6:42:54 PM
1143	Reiko Inouye	Reiko.inouye@gmail.com	2106 Park Dale Lane	Encinitas, CA 92024	Nov 13, 2015 at 6:55:08 AM
1144	reinaldo solares	reinaldosolares@gmail.com	861 Nardo Rd	Encinitas, CA 92024	Nov 12, 2015 at 8:30:37 AM
1145	reis paluso	ubuntusurfer@gmail.com	309 Sanford St	Encinitas, CA 92024	Mar 7, 2016 at 11:56:30 AM
1146	Renee Clancy	Mariah92024@yahoo.com	2327 Manchester ave	Cardiff, Ca 92007	Nov 10, 2015 at 7:14:31 PM
1147	Renee Hilton	Neenee70@yahoo.com	1739 San elijo ave	Cardiff, Ca 92007	Nov 27, 2015 at 1:34:05 PM
1148	Renee Leeb	Rtoycen@hotmail.com	595 Leucadia Village Court	Encinitas, Ca 92024	Jan 20, 2016 at 7:16:42 PM
1149	Rich Kelso	surfkelso@aol.com	1613 San Elijo Ave	Cardiff, CA 92007	Nov 13, 2015 at 2:49:38 PM
1150	Rich Risner	rich@grounded101.com	1574 Rubenstein Ave	Cardiff, Ca 92007	Nov 20, 2015 at 11:49:48 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
1151	Richard Avena	rickavena@gmail.com	3614 Mission blvd	San Diego, CA 92109	Nov 11, 2015 at 7:54:39 PM
1152	Richard Bruce	Brucera23@yahoo.com	1073 Woodlake dr	Cardiff , Ca 92007	Feb 8, 2016 at 7:21:03 PM
1153	Richard Bruce	richardb@ucr.edu.com	Manchester Avenue	Cardiff, CA 92007	Dec 30, 2015 at 10:25:14 AM
1154	Richard Cravey	rcravey88@gmail.com	1268 Orkney Lane	Cardiff, CA 92007	Nov 13, 2015 at 7:25:10 PM
1155	Richard Foss	server619@hotmail.com	24031 w huntington dr	buckeye, Arizona 85326	Nov 11, 2015 at 12:17:42 PM
1156	Richard Melton	Meltons4@yahoo.com	1570 lake dr	Cardiff, Ca 92007	Nov 12, 2015 at 7:39:41 AM
1157	richard morrow	morrowgraphix@gmail.com	2215 Edinburg Ave	Cardiff, CA 92007	Nov 13, 2015 at 7:31:01 AM
1158	Richard Oesterheld	oesterheld@gmail.com	1535 Summit Ave	Cardiff, CA 92007	Nov 23, 2015 at 3:22:03 PM
1159	Richard Rowell	Richard.rowell@yahoo.com	3484 Camino Largo	Carlsbad , CA 92009	Nov 13, 2015 at 3:58:23 PM
1160	Richard Spahl	rspahl@att.net	5317 La Jolla Blvd.	La Jolla, CA 92037	Nov 12, 2015 at 11:00:45 AM
1161	Richard Thornton	rickthornton1@aol.com	2420 Oxford Ave unit B	Cardiff, CA 92007	Dec 18, 2015 at 10:24:42 AM
1162	Richard Williams	rw.properties@yahoo.com	138 Grandview Street	Encinitas, CA 92024	Mar 29, 2016 at 3:03:33 PM
1163	Rick Collette	Rick.collette3@gmail.com	2166 Montgomery Ave	Cardiff, CA 92007	Nov 14, 2015 at 10:22:56 AM
1164	Rick LOCHNER	eslpractices@gmail.com	233 countryhaven rd.	Encinitas, CA 92024	Mar 16, 2016 at 6:21:57 PM
1165	Rick Matteson	mattesonrick141@gmail.com	Stratford Drive	Encinitas , Ca 92024	Dec 13, 2015 at 1:42:53 PM
1166	Riley Casper	98rileyc@gmail.com	711 oak Burl lane	Encinitas , CA 92024	Nov 12, 2015 at 11:46:39 AM
1167	RJ Kraus	rj@hookit.com	2123 Oxford Ave	Cardiff, CA 92007	Nov 12, 2015 at 8:52:52 PM
1168	rob pastor	rpastor1121@aim.com	1837 milbank road	encinitas, ca 92024	Mar 3, 2016 at 9:30:48 PM
1169	Robert Asamoto	Robertasamoto@hotmail.com	420 branciforte dr	Santa cruz, Ca 95060	Nov 12, 2015 at 3:10:24 PM
1170	Robert Crocker	Rcrocker11@yahoo.com	2419 Oxford Ave	Cardiff, CA 92007	Nov 11, 2015 at 1:26:04 PM
1171	Robert Hylton	Hylton88@me.com	1913 Village Wood Rd	Encinitas, CA 92024	Nov 14, 2015 at 9:33:33 AM
1172	robert ideker	bideker1@cox.net	2246 cambridge ave	cardiff, CA 92007	Jan 30, 2016 at 12:33:26 PM
1173	Robert Keaton	robkeaton@gmail.com	993 N Vulcan Ave	Leucadia, CA 92024	Nov 12, 2015 at 12:39:13 PM
1174	Robert Leitner	bob@leitner.us	1576 Lake Dr.	Cardiff, CA 92007	Nov 13, 2015 at 2:42:24 PM
1175	robert lewis	blewis@northcountymortgage.com	1827 dora dr	cardiff, ca 92007	Feb 8, 2016 at 9:31:31 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
1176	Robert Miller	rhmiller@stanfordalumni.org	327 North Vulcan	Encinitas, CA 92024	Dec 29, 2015 at 2:02:19 PM
1177	Robert Osorio	robertosorio10@gmail.com	Norfolk Drive	Cardiff, CA 92007	Dec 9, 2015 at 7:31:16 PM
1178	robert pickard	robertmpickard@gmail.com	757 S vulcan ave	encinitas, CA 92024	Jan 26, 2016 at 9:25:32 AM
1179	Robert Trestman	Trestmanlaw@gmail.com	1443 San Elijo Ave Apt A	Cardif, Ca 92007	Nov 10, 2015 at 8:31:50 PM
1180	Robin Gallagher	rjordan1313@yahoo.com	855 sandcastle dr	Cardiff, Ca 92007	Feb 23, 2016 at 11:06:12 AM
1181	Robin Mangold	Hrudey32@hotmail.com	2186 Montgomery ave b2	Cardiff, Ca 92007	Nov 11, 2015 at 8:56:49 PM
1182	Robin Offerdahl	Calinative5153@gmail.com	1290 Birmingham Dr.	Encinitas, CA 92024	Mar 8, 2016 at 6:39:12 AM
1183	Robyn Fischer	Pink150@aol.com	3144 Arroyo vista	Carlsbad, Ca 92009	Jan 17, 2016 at 11:37:12 AM
1184	Robyne Ruterbusch	rruterbusch@gmail.com	2233 Lagoon View Drive	Cardiff, CA 92007	Nov 21, 2015 at 2:34:04 PM
1185	Roeshan Shadravan	Roe_shan@yahoo.com	307 Sanford Street	Encinitas , CA 92024	Mar 7, 2016 at 3:14:35 PM
1186	Roland Yu	Speedyroland@gmail.com	12908 Biscayne Cove	Del Mar, CA 92014	Nov 13, 2015 at 7:24:47 AM
1187	Ron Fernandez	Ron@finesttile.com	1007 Eolus Ave	Encinitas, Ca 92024	Jan 17, 2016 at 3:46:34 PM
1188	Ron Johnson	rjbeachhomes@aol.com	1410 Calle Christopher	Encinitas, CA 92024	Mar 6, 2016 at 7:41:05 AM
1189	ron kelso	rsk6920@aol.com	2555 purple heather pl	henderson, nv 89052	Nov 16, 2015 at 8:43:03 AM
1190	Ronald Van Boxtel	vanbox@cox.net	379 Chapalita Drive	Encinitas , CA 92024	Feb 22, 2016 at 1:37:18 PM
1191	Ronan Nelson	ronansoccerfan@yahoo.com	1034 Guildford Court	Encinitas, CA 92024	Nov 12, 2015 at 10:25:48 PM
1192	Rory Revier	rory.revier@me.com	1885 Pariva Dr.	Cardiff, CA 92007	Dec 2, 2015 at 10:02:39 AM
1193	Rosellen Rother	rosebrooke6655@gmail.com	1309 Sea Village Dr	Cardiff, CA 92007	Nov 12, 2015 at 2:47:10 PM
1194	Roxana Adams	Adamsroxana@gmail.com	1651 Somerset Ave	Cardiff, Ca 92007	Nov 20, 2015 at 12:24:02 PM
1195	Rueben Mehren	Cardiffturbo@gmail.com	5306 Linea Del Cielo	Rancho Santa Fe, CA 92067	Dec 2, 2015 at 7:49:25 PM
1196	Russell Shirley	Russell.shirley18@gmail.com	320 village run east	Encinitas, Ca 92024	Nov 12, 2015 at 1:24:05 PM
1197	Ruth Levy	ruthdanilafrei@gmail.com	1535 Rubenstein Ave.	Cardiff, CA 92007	Feb 29, 2016 at 9:08:32 PM
1198	Ryan Bass	r.bass89@yahoo.com	Newport Avenue	Cardiff, CA 92007	Dec 9, 2015 at 8:14:17 PM
1199	Ryan Butrym	Ryan@flometrics.com	2581 Montgomery ave	Cardiff, CA 92007	Dec 3, 2015 at 12:29:27 PM
1200	Ryan Cavanagh	Ryancav1234@gmail.com	1145 Santa Helena	Sola a beach, Ca 92075	Nov 12, 2015 at 6:51:29 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
1201	Ryan Considine	rynconsidine@gmail.com	208 coneflower st	Encinitas , Ca 92024	Nov 11, 2015 at 8:34:39 PM
1202	Ryan Denzy	Ryandenzymedia@gmail.com	2340 carol view drive #e311	Cardiff, Ca 92007	Dec 2, 2015 at 5:48:38 PM
1203	ryan Foster	ryndfstr@yahoo.com	708 oakbranch	Encinitas, ca 92024	Nov 11, 2015 at 11:55:08 AM
1204	Ryan Hadar	ryan.hadar@hotmail.com	2544 Unicornio St	Carlsbad, CA 92009	Nov 12, 2015 at 11:10:50 PM
1205	Ryan Hargrave	Ryanehargrave@gmail.com	208 W J St	Encinitas, Ca 92024	Mar 7, 2016 at 12:16:22 PM
1206	Ryan Hitchings	pucksrule@gmail.com	1402 Pegaso St	Encinitas, CA 92024	Nov 12, 2015 at 9:54:57 PM
1207	Ryan Kirkpatrick	ryank262@gmail.com	1432 Highland Drive	Solana Beach, CA 92075	Nov 12, 2015 at 6:19:11 PM
1208	ryan marcon	gmarcon2@yahoo.com	690 saxony road	encinitas, ca 92024	Mar 5, 2016 at 2:37:27 PM
1209	ryan rampoldi	rrampoldi@aol.com	630 W 6TH AVE	CHICO, CA 95926	Mar 5, 2016 at 9:05:36 PM
1210	Ryan Somers	Ryansomers8@hotmail.com	1602 lake dr.	Cardiff, CA 92007	Mar 2, 2016 at 12:07:31 PM
1211	Ryan Swagar	rswagar@gmail.com	Glasgow Avenue	Cardiff, CA 92007	Dec 9, 2015 at 7:44:33 PM
1212	ryan winn	ryanwinn12@gmail.com	2268 Camino Robledo	Carlsbad , CA 920009	Dec 3, 2015 at 1:46:42 PM
1213	Sabrina Barry	beadventurous753@gmail.com	PO BOX 235772	Encinitas, CA 92023	Nov 14, 2015 at 10:22:48 PM
1214	Sabrina Zunich	sabrinaa@gmail.com	362 Village Run East	Encinitas, CA 92024	Jan 29, 2016 at 2:23:54 PM
1215	sage hornung	sagehornung@gmail.com	807 Cornish Drive	Encinitas, CA 92024	Nov 12, 2015 at 10:31:39 AM
1216	Sallie Holland	sallielholland@gmail.com	119 E D Street	Encinitas, CA 92024	Nov 12, 2015 at 7:37:03 PM
1217	Sam Hotchkiss	sammyhotchkiss@yahoo.com	1573 Lower Lake Court	Cardiff , CA 92007	Nov 12, 2015 at 7:26:07 PM
1218	Sam judd	sam_judd@live.com	617 The Scenic Road	MacMasters Beach, NSW 2251225	Nov 12, 2015 at 5:52:04 PM
1219	Sam Simmons	Samuel7simmons@gmail.com	7035 partridge pl	Carlsbad, Ca 92011	Nov 13, 2015 at 3:48:18 PM
1220	Sam White	sbwhite2@gmail.com	579 S Sierra Ave	Solana Beach, CA 92075	Mar 8, 2016 at 8:19:34 AM
1221	samantha archinal	sam.archinal@gmail.com	233 north el portal	encinitas, CA 92024	Nov 12, 2015 at 3:55:07 PM
1222	Samantha Bache	Srbache30@gmail.com	Montgomery	Cardiff, Ca 92007	Mar 5, 2016 at 8:22:14 AM
1223	Samantha Matarese	Smatarese5@gmail.com	1930 Nina Place Dr	Escondido , Ca 92026	Mar 8, 2016 at 6:57:37 PM
1224	Samantha Melone	Samanthamelone@gmail.com	574 sweet pea pl.	Encinitas, CA 92024	Nov 13, 2015 at 10:47:46 AM
1225	Samantha Villa	Samantha.Villa@hotmail.com	1933 Misty Circle	Encinitas , CA 92024	Nov 13, 2015 at 10:59:46 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
1226	Samara Lampitt	Samaralampitt@gmail.com	17373 circa Del Norte	Rancho Santa Fe , CA 92067	Nov 12, 2015 at 6:45:32 PM
1227	Sammie Siviy	sammiesiviy@yahoo.com	1325 nord ave #234	Chico, Ca 95926	Nov 13, 2015 at 6:29:42 AM
1228	Samuel Wittenberg	Samsurf8@gmail.com	2559 Montgomery Ave	Cardiff, CA 92007	Mar 2, 2016 at 2:48:14 PM
1229	Sander Banta	sdasbb@yahoo.com	Lemon street	Oceanside , Ca 92054	Dec 13, 2015 at 1:34:03 PM
1230	Sandra Dee	rawskinsurfshack@gmail.com	1380 1/2 Summit Ave	Cardiff, CA 92008	Mar 2, 2016 at 11:30:30 AM
1231	sandra soderberg	sanlynsod@gmail.com	2036 edinburg ave.	cardiff, ca. 92007	Mar 9, 2016 at 8:29:42 PM
1232	Sandra Sullivan	sandratarr@cox.net	2490 Oxford AVE	Cardiff, CA 92007	Mar 4, 2016 at 8:04:16 PM
1233	Sandy Coventry	scoventry@wateridgebenefits.com	1592 Summit Ave	Cardiff, CA 92007	Jan 25, 2016 at 1:09:53 PM
1234	Sandy Jacks	Sunsettraders@cox.net	1416 kings cross drive	Cardiff, Ca 92007	Jan 21, 2016 at 4:41:56 AM
1235	Sanjay Parekh	sanjay777@gmail.com	1301 CORNISH DRIVE	Cardiff, CA 92007	Nov 19, 2015 at 6:13:25 PM
1236	Sara Cameron	Sara@SplendidBeing.com	6944 Sandpiper Ln	Carlsbad, CA 92009	Nov 13, 2015 at 5:58:28 PM
1237	SarA Ghrist	Saraghrist@gmail.com	1416 Summit Ave	Cardiff, CA 92006	Nov 13, 2015 at 4:57:49 AM
1238	Sara Salinas	Sarasalinaswelk@gmail.com	365 Playa Blanca	Encinitas , Ca 92024	Mar 31, 2016 at 8:39:27 AM
1239	Sarah Benelli	sarah_all1@yahoo.com	311 Clark St.	Solana Beach, CA 92075	Mar 8, 2016 at 8:47:32 AM
1240	Sarah Considine	Sarah.c.strick@gmail.com	208 coneflower st	Encinitas , Ca 92924	Nov 12, 2015 at 1:04:56 AM
1241	Sarah Gallagher	bufriedo@gmail.com	1034 Emma Dr	cardiff , ca 92007	Nov 12, 2015 at 9:19:20 PM
1242	Sarah Kawai	Sarahkawai@gmail.com	141 Grandview St	Encinitas, Ca 92024	Nov 13, 2015 at 12:51:50 PM
1243	Sarah Scwhab	sarahpschwab@gmail.com	1509 Summit Ave	Cardiff, CA 92007	Nov 12, 2015 at 9:08:49 PM
1244	Sarah Singleton	sarahsingleton@students.rossu.edu	917 Hermes Avenue	Encinitas, CA 92024	Mar 3, 2016 at 6:57:36 PM
1245	Sarah Weis	sarahn.weis@gmail.com	138 Via Morella	Encinitas, CA 92024	Nov 11, 2015 at 11:57:01 AM
1246	Sarah Wright	wrights721@gmail.com	1500 S. Hayworth Ave, Apt 6	Los Angeles, CA 90035	Nov 12, 2015 at 11:01:48 AM
1247	Savanah Machain	Savvy2004@aol.com	2134 Carol view dr	Cardiff , Ca 92007	Mar 8, 2016 at 10:35:18 PM
1248	Savanna Stonhaus	S.stonhaus916@gmail.com	7534 Circulo sequoia	Carlsbad , CA 92009	Nov 12, 2015 at 8:10:51 PM
1249	Savannah Phillips	Loveybunn@gmail.com	13283 Courtland Terr	San Diego, CA 92130	Nov 13, 2015 at 12:17:01 AM
1250	Scarlet Garcia	scarletgarcia11@gmail.com	1811 Montgomery Ave	Cardiff, CA 92007	Feb 23, 2016 at 7:44:12 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
1251	Scott allen	Jellyfishprod@hotmail.com	1246 Hermes ave	Encinitas, Ca 92024	Nov 12, 2015 at 8:15:39 PM
1252	Scott Bass	info@surfboardshow.com	914 Birchview Dr	Encinitas, Ca 92024	Nov 28, 2015 at 2:22:28 PM
1253	Scott Blake	ss_blake6@hotmail.com	2250 colony ter	Encinitas , CA 92024	Dec 22, 2015 at 5:38:35 PM
1254	Scott Coffin	scott.coffin@gmail.com	Montgomery Ave	Cardiff, CA 92007	Dec 30, 2015 at 10:29:00 AM
1255	Scott Foody	Sfoody4@aol.com	162 Esplanade	Pitman, NJ 08071	Mar 4, 2016 at 3:00:42 PM
1256	Scott Grimsley	scott.grimsley@gmail.com	133 Edgeburt Drive	Encinitas, CA 92024	Nov 11, 2015 at 7:11:19 AM
1257	Scott Jackson	scottjackson42@gmail.com	4464 Noyes St	San Diego, CA 92109	Mar 16, 2016 at 12:58:14 PM
1258	Scott Kyle	onthedeck@cox.net	2159 Oxford Ave.	Cardiff, Ca 92007	Nov 15, 2015 at 8:11:40 AM
1259	Scott Lund	dchiro@sbcglobal.net	1524 Encinitas Blvd.	Encinitas, CA 92024	Mar 2, 2016 at 12:30:26 PM
1260	Scott Raider	scottraider150@yahoo.com	1914 azure way	Encinitas, Ca 92024	Nov 12, 2015 at 10:20:36 AM
1261	scott seine	scott@surfdog.com	947 nolbey st	cardiff, ca 92007	Mar 9, 2016 at 9:16:36 AM
1262	Scout Forsythe	Seascout1@cox.net	1208 Ahlrich ave	Encinitas , Ca 92024	Nov 13, 2015 at 6:46:18 PM
1263	Sean Conners	Seanconners81@yahoo.com	205 countryhaven road	Encinitas , CA 92024	Nov 12, 2015 at 6:45:32 PM
1264	Sean Dwyer	seand23@gmail.com	826 Arden Drive	Encinitas, CA 92024	Nov 20, 2015 at 10:52:47 AM
1265	Sean Hogan	Seanshogan@gmail.com	172 la mesa ave	Encinitas, Ca 92024	Nov 12, 2015 at 6:03:23 PM
1266	Sean Jenkins	Sjenks100@hotmail.com	2226 Oxford Ave	Cardiff, Ca 92007	Mar 1, 2016 at 12:19:31 PM
1267	Sean Sandy	Seansandy22@yahoo.com	3441 via Loma vista	Escondido, Ca 92029	Mar 17, 2016 at 1:40:48 PM
1268	Sean Wright	sean@cardencapital.com	1657 Haydn Drive	Cardiff, CA 92007	Nov 9, 2015 at 7:32:23 AM
1269	Seth Chalnick	offers@sethchalnick.com	2093 San Elijo Avenue	Cardiff, CA 92007	Dec 11, 2015 at 3:31:35 PM
1270	Seth Larsen	Slars96@yahoo.com	4765 Frazee Rd #1411	Oceanside, CA 92057	Nov 13, 2015 at 10:10:16 AM
1271	Seth Weinberg	Sethjweinberg@yahoo.com	1093 Normandy Hill Lane	Encinitas , CA 92024	Feb 22, 2016 at 8:00:56 PM
1272	Shane Fisher	shane_1124@sbcglobal.net	2277 Reflection Circle	vista, CA 92081	Nov 13, 2015 at 9:52:48 AM
1273	Shannon Lyons	Classylion88@gmail.com	510 mesa breeze way #117	Oceanside, Ca 92058	Nov 13, 2015 at 5:40:24 PM
1274	Shannon Winans	Eticketdream@icloud.com	2630 Pirineos way unit 30	Carlsbad , Ca 92009	Feb 4, 2016 at 2:56:25 AM
1275	Shari Pickett	pickettshari@gmail.com	930 Greenlake Ct.	Cardiff, Ca 92007	Feb 28, 2016 at 1:10:19 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
1276	Sharon DeCaro	sharon@swamisbeach.com	924 Encinitas Boulevard, #24	Encinitas, CA 92024	Mar 5, 2016 at 11:57:00 PM
1277	Sharon kouma	smkhair@cox.net	1192 Arden dr	encinitad, cs 92024	Nov 11, 2015 at 8:18:39 PM
1278	Shawn Guthrie	shawnspaintingservices@gmail.com	721 Arden Drive	Encinitas, CA 92024	Jan 5, 2016 at 5:54:05 PM
1279	shawn MacNabb	casamac@sbc.global.net	Hillcrest	Encinitas , CA 92024	Dec 17, 2015 at 5:53:43 PM
1280	Shawn Shamlou	sshamlou@dudek.com	442 Villa Blanca Ct	Encinitas, Ca 92024	Mar 1, 2016 at 9:12:20 PM
1281	Shawna Bailey	shawnamatheson@yahoo.com	155 las flores #94	san marcos, ca 92069	Nov 11, 2015 at 3:37:35 PM
1282	Shea Renteria	Renteriashea@gmail.com	1914 pariva dr	Cardiff, CA 92007	Nov 12, 2015 at 7:49:02 PM
1283	Shea Roney	roneyshea@gmail.com	155 East Jason St. A	Leucadia, CA 92024	Nov 12, 2015 at 2:16:49 PM
1284	shelby forsythe	shelby_14@cox.net	1208 ahlrich ave	encinitas, ca 92024	Nov 12, 2015 at 8:09:59 AM
1285	Shirley Innecken	Innecken47@gmail.com	2417 Oxford Ave	Encinitas , CA 92007	Mar 8, 2016 at 9:15:13 PM
1286	Shyla Vasvani	sunshine9nsn@aim.com	Calle Del Campo	San Diego, CA 92129	Nov 13, 2015 at 11:21:21 AM
1287	Sidney Paqua	Slp1996@gmail.com	3575 Roosevelt street	Carlsbad, CA 92008	Nov 12, 2015 at 5:33:15 PM
1288	Sierra Doucet	Sierradoucet@yahoo.com	2503 Jacaranda Ave	Carlsbad , Ca 92009	Mar 30, 2016 at 3:06:27 PM
1289	Sierra Quis Quis	Sierrathechef@yahoo.com	1862 eucalyptus Ave	Leucadia , CA 92024	Nov 12, 2015 at 7:00:22 PM
1290	Simon Grensted	grensted@me.com	820 Cathy Lane	Cardiff, CA 92007	Dec 3, 2015 at 8:47:00 AM
1291	skyler sandoval	uanamin@gmail.com	1829 lahoud dr	cardiff, ca 92007	Feb 21, 2016 at 2:55:23 PM
1292	Sloan Dempster	Sloaniedemp@gmail.com	4090 Manchester Ave	Encinitas, CA 92024	Jan 19, 2016 at 8:36:12 AM
1293	sofia Pisacane	pisacanesofia@gmail.com	1770 Buttercup Rd	Encinitas, CA 92024	Nov 13, 2015 at 7:39:02 AM
1294	Sophia Farmer	phifarms@gmail.com	1043 Hermes avenue	Encinitas, Ca 92024	Nov 13, 2015 at 9:51:40 PM
1295	Sophia Rodas	sophiaponygirl@yahoo.com	1603 Splitrail Drive	Encinitas , CA 92024	Mar 3, 2016 at 9:46:38 AM
1296	Sophie Rozenzhak	srozenzhak@gmail.com	687 S.Coast Hwy101 unit 230	encinitas, ca 92024	Nov 28, 2015 at 7:46:21 PM
1297	Sormarie Nieves	sormarienieves@yahoo.com	236 Melrose Ave.	Encinitas , CA 92024	Nov 30, 2015 at 7:24:49 PM
1298	stacie revell-greene	stacierevell@hotmail.com	2143 sea village circle	cardiff, CA 92007	Mar 4, 2016 at 9:24:14 AM
1299	Starr Moore	starr@starraudio.com	1380 Summit Ave	Cardiff, CA 92007	Dec 3, 2015 at 7:17:57 AM
1300	Stefanie Abbott	stefabbott@gmail.com	958 Marisa lane	Encinitas, CA 92024	Mar 4, 2016 at 7:17:40 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
1301	Steph Wells	Swells19@gmail.com	328 La Veta Ave	Encinitas , Ca 92054	Nov 11, 2015 at 9:43:20 PM
1302	Stephanie Boeckmann	Kekepania_21@yahoo.com	2049 Cambridge Av	Cardiff, Ca 92007	Nov 12, 2015 at 9:39:21 PM
1303	Stephanie McBain	mcbain.stephanie123@gmail.com	7554 Agua Dulce Ct	Carlsbad , CA 92009	Mar 3, 2016 at 9:47:21 AM
1304	stephanie pettey	nefnefsd@yahoo.com	2217 amber ln	Escondido, ca 92026	Nov 12, 2015 at 12:03:28 PM
1305	Stephanie Richardson	smpcreations@yahoo.com	2568 Luciernaga Street	carlsbad , ca 92009	Nov 12, 2015 at 11:51:03 PM
1306	Stephen Taylor	kit.taylor97@yahoo.com	5509 Linea Del Cielo	RSF, CA 92067	Mar 3, 2016 at 7:55:10 PM
1307	Steve Filsinger	assetalliance@aim.com	945 S Vulcan Ave	Encinitas, Ca 92024	Nov 16, 2015 at 7:45:51 AM
1308	Steve Price	Spricenice73@att.net	2231 Ranchview Terr.	Encinitss, Ca 92024	Nov 15, 2015 at 8:28:52 PM
1309	steve soderberg	nevetland@sbcglobal.net	2036 edinburg ave.	cardiff, ca. 92007	Mar 6, 2016 at 1:56:48 PM
1310	Steven Lake	slake200@gmail.com	3417 Camino Alegre	Carlsbad, CA 92009	Dec 3, 2015 at 9:01:19 PM
1311	Sue Harris	sue.harris@mac.com	132 Verdi Ave.	Cardiff, CA 92007	Nov 13, 2015 at 1:54:52 PM
1312	Summer Bates	summermariebates@gmail.com	434 Winsome Pl	Encinitas, CA 92024	Nov 29, 2015 at 11:50:05 AM
1313	Sunny Ryan	sunnyryanplp@yahoo.com	1531 Elon Lane	Encinitas, CA 92024	Nov 13, 2015 at 3:43:52 PM
1314	Susan Machain	machain5@hotmail.com	2251 El Camino del Norte	Encinitas, CA 92024	Nov 13, 2015 at 9:57:12 AM
1315	susan miller	susangmiller@cox.net	134 verdi ave	cardiff, ca 92007	Nov 27, 2015 at 3:27:29 PM
1316	Susan Mishler	Smishler4@gmail.com	950 Yosemite Drive	Lemoore, CA 93245	Nov 12, 2015 at 9:28:32 AM
1317	susan schein	funatthebeach5@hotmail.com	2448 Oxford Ave.	cardiff, ca 92007	Mar 10, 2016 at 9:23:18 PM
1318	Susan Scott	Sillysu22@gmail.com	2192 Sea Village Cir	Cardiff, CA 92007	Mar 3, 2016 at 9:53:47 AM
1319	Susan Shenkal	sshenkal@gmail.com	2235 Montgomery Ave.	Cardiff, CA 92007	Nov 27, 2015 at 7:29:09 AM
1320	Susan Zimmer	susanzimmer67@sbcglobal.net	513 5th Avenue	San Rafael, CA 94901	Feb 22, 2016 at 7:21:24 PM
1321	Susanne Knuttila	susannek@cox.net	463 Bristol Road	Cardiff, CA 92007	Nov 14, 2015 at 1:46:11 PM
1322	suzanne drennen	slecours@hotmail.com	712 ocean crest rd	cardiff, ca 92007	Nov 12, 2015 at 10:00:17 AM
1323	Suzanne Mindlin	Suzie@suzannemindlin.net	P O Box 9	Cardiff, CA 92007	Mar 6, 2016 at 11:52:53 AM
1324	Svenja Wright	svenjawright@hotmail.com	1657 Haydn Dr.	Cardiff, CA 92007	Nov 12, 2015 at 8:30:58 AM
1325	Syona Hurst	syonahurst@gmail.com	4425 Calle Mar De Armonia	San Diego, CA 92130	Nov 13, 2015 at 4:58:48 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
1326	talia kraus	tallia.kraus@gmail.com	329 Ocean view Ave	Encinitas , CA 92024	Dec 3, 2015 at 9:09:31 AM
1327	Talyssa Topacio	tyssalyss@yahoo.com	1145 Goddard St	San Marcos, CA 92078	Nov 13, 2015 at 12:40:42 PM
1328	Tamara Kraus	Tswalsh28@yahoo.com	2123 Oxford Ave	Cardiff, CA 92007	Nov 12, 2015 at 8:59:06 PM
1329	tamara strom	tamarastromre@gmail.com	3971 gloria lane	carlsbad, ca 92008	Nov 20, 2015 at 2:30:12 PM
1330	tanner rumsey	tjrums10@yahoo.com	1442 elva ct.	encinitas, CA 92024	Mar 2, 2016 at 12:41:17 PM
1331	Tanner Sladavic	Tannerslad@me.com	Hermes ave	Encinitas, CA 92024	Nov 12, 2015 at 10:16:58 PM
1332	Tanya Goodwin	Tanyagoodwin_2002@yahoo.com	1419 San Elijo ave	Cardiff, Ca 92007	Nov 12, 2015 at 2:05:06 PM
1333	Tara Nelson	Taradnelson@gmail.com	1345 San Elijo ave	Cardiff, Ca 92007	Nov 12, 2015 at 8:09:58 AM
1334	Tarik Abdennabi	tarikabd@gmail.com	Minnesota Ave	Oceanside, CA 92054	Dec 17, 2015 at 6:09:43 PM
1335	Tarik Benbrahim	00tarik@gmail.com	1451 Santa Fe Drive	Encinitas, CA 92024	Mar 8, 2016 at 10:16:43 AM
1336	Taryn Meinhardt	Tare.bear95@gmail.com	941 Emma Dr.	Cardiff, CA 92007	Nov 13, 2015 at 7:57:29 AM
1337	Taryn Reynolds	treynoldseco@gmail.com	1624 Burgundy Rd	Encinitas, Ca 92024	Nov 13, 2015 at 2:29:41 PM
1338	Tawn Babcock	Tawn@cox.net	306 West I Street	Encinitas, CA 92024	Mar 2, 2016 at 8:20:17 AM
1339	Taylor Mason	Taylor.masonn@yahoo.com	533 second street	Encinitas, Ca 92024	Feb 22, 2016 at 12:22:06 AM
1340	tera figueroa	tarasol821@gmail.com	258 melrose ave	encinitas, ca 92024	Nov 13, 2015 at 9:14:12 AM
1341	Teresa Conahan	photobyteresa@hotmail.com	740 Foxglove St.	Encinitas, CA 92024	Nov 12, 2015 at 9:57:55 AM
1342	Teresa Conahan	teresa@soulofphotographpy.com	740 Foxglove St.	Encinitas, CA 92024	Mar 3, 2016 at 12:58:45 PM
1343	Teresa Price	teresaprice@me.com	921 Marisa lane	encinitas, ca 92024	Nov 13, 2015 at 7:18:57 PM
1344	Terri Denning	terri.denning@suzlon.com	5402 Balboa Arms Drive #415	San Diego, CA 92117	Feb 23, 2016 at 12:20:00 PM
1345	Terri Lillie	terrilillie@gmail.com	1673 San Elijo Ave	Encinitas, Calif 92007	Nov 14, 2015 at 6:57:32 PM
1346	Terri Schwartz	terri@sdsc.edu	1823 Somerset Ave	Cardiff, CA 92007	Jan 2, 2016 at 2:37:18 PM
1347	Tessa Gehlsen	tgehlsen@aol.com	305 S. Myers Street	Oceanside, CA 92054	Nov 11, 2015 at 1:02:23 PM
1348	Teva Fux	teva.fux@gmail.com	13538 jadestone way	San Diego, CA 92130	Nov 12, 2015 at 6:08:25 PM
1349	Thomas Kaestner	tpkaestner@gmail.com	116 Quail Gardens Dr. Apt 136	Encinitas, Ca 92024	Mar 2, 2016 at 6:22:27 PM
1350	Thomas King	thomaskingxxx@yahoo.com	13850 Mango Drive #28	Del Mar, CA 92014	Nov 13, 2015 at 9:07:26 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
1351	Thomas Kreamer	tkreamer@gmail.com	2072 Glasgow Ave.	Cardiff, CA 92007	Mar 29, 2016 at 6:21:12 AM
1352	thomas laveuf	tom.laveuf@gmail.com	120 phoebe street	encinitas, ca 92024	Nov 13, 2015 at 5:39:04 AM
1353	Thomas Rassman	owen@rassman.com	2033 San Elijo Ave., #275	Cardiff, CA 92007	Dec 21, 2015 at 2:31:57 PM
1354	Thomas Sexton	Tmsexton14@gmail.com	2032 Wandering rd	Encinitas, CA 92024	Nov 12, 2015 at 2:25:20 PM
1355	Tiana Hejduk	drtdhcardiff@gmail.com	876 Sandcastle dr.	Cardiff, CA 92007	Nov 12, 2015 at 12:48:31 AM
1356	Tiffany Barlow	tiffkilner1@yahoo.com	13535 Portofino Drive	Del Mar, Ca 92014	Feb 23, 2016 at 1:41:43 PM
1357	Tiffany Jones	tbonejones@hotmail.com	2274 Carol View Dr #118	Cardiff, CA 92007	Feb 21, 2016 at 3:40:59 PM
1358	Tim Fischer	timfischer8@gmail.com	4764 Utah st	Sandiego, Ca 92116	Mar 4, 2016 at 1:05:36 PM
1359	Tim Pellegrino	Pellegrino247@gmail.com	615 arden drive	Encinitas, Ca 92024	Nov 13, 2015 at 6:52:10 AM
1360	Tim Triemer	Triemertim@gmail.com	6805 el fuerte	Carlsbad, CA 92009	Nov 12, 2015 at 8:12:04 PM
1361	Tim Wright	Tim92007@yahoo.com	1350 windsor road	Cardiff, CA 92007	Feb 21, 2016 at 6:36:43 PM
1362	Timothy Galvin	timgalvin@icloud.com	241 La Veta Ave	Encinitas, CA 92024	Mar 3, 2016 at 2:28:43 PM
1363	Timothy Townsend	elielstarbright@gmail.com	350 n el camino real 14	encinitas, CA 92024	Nov 13, 2015 at 8:43:05 PM
1364	Tina Wright	Tinawright49@gmail.com	P.o. box 2231	Ramona, Ca 92065	Nov 13, 2015 at 10:00:33 PM
1365	tina zeller	czellerdesign@gmail.com	1768 CREST DR	ENCINITAS, CA 92024	Nov 28, 2015 at 9:22:37 PM
1366	Todd Juneau	Wtjuneau@gmail.com	920 Gardena	Encinitas, Ca 92024	Nov 20, 2015 at 8:45:08 PM
1367	Tom Friedman	friedman.tom@scrippshealth.org	1366 Sea Village Drive	Cardiff, CA 92007	Nov 28, 2015 at 2:10:30 PM
1368	Tomas Bryant	tomasebryant@gmail.com	565 requeza at	encinitas, ca 92024	Nov 12, 2015 at 8:51:32 PM
1369	Tommy Trozera	ttrozera@cox.net	1407 Kings Cross Drive	Cardiff, CA 92007	Mar 1, 2016 at 8:26:26 PM
1370	Tony Cali	calianthony@yahoo.com	1634 valleda dr	Encinitas, Ca 92024	Nov 13, 2015 at 4:53:24 PM
1371	Tracey Lambert	partofthefamily@cox.net	702 snapdragon st	encinitas, CA 92024	Nov 13, 2015 at 5:37:32 AM
1372	Traci Conway	tinkerdeva@gmail.com	1412 avenida de las adelsas	Encinitas, CA 92024	Nov 19, 2015 at 8:58:55 PM
1373	Traci DiRuscio	tdsunlover@gmail.com	230 Gloxina St	Encinitas, CA 92024	Nov 12, 2015 at 7:17:15 AM
1374	Tracy Keyes	Trazie625@gmail.com	718 Lynwood Dr	Encinitas, CA 92024	Dec 3, 2015 at 10:18:05 AM
1375	Tracy Stottlemyer	tracystottlemyer@gmail.com	641 4th Street	Encinitas, CA 92024	Mar 9, 2016 at 9:30:30 AM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
1376	Tracy Walton	Tracysd@hotmail.com	250 Chapalita Dr.	Encinitas, Ca 92024	Mar 3, 2016 at 9:24:53 PM
1377	Travis Trautvetter	travistrautvetter@yahoo.com	Ocean View Avenue	Encinitas, CA 92024	Nov 22, 2015 at 5:02:17 PM
1378	Trevor Kouma	yzfreerider@cox.net	1192 Arden Dr	Encinitas, CA 92024	Nov 11, 2015 at 7:15:09 PM
1379	Tricia Etue	etuuee@gmail.com	7306 Alicante Rd unit 7	Carlsbad, CA 92009	Jan 17, 2016 at 9:28:39 PM
1380	Trina Bull	tahoegal30@verizon.net	33333 Elizabeth rd	Temecula, CA - CA 925924384	Nov 14, 2015 at 5:07:15 PM
1381	Trish Walsh Haskell	thaskell1@cox.net	255 May Court	Cardiff, CA 92007	Mar 7, 2016 at 10:46:41 AM
1382	Troy Friedeck	Tfriedeck@costar.com	160 Melrose Avenue	Encinitas, CA 92024	Nov 11, 2015 at 11:08:54 PM
1383	Troy Tinney	Itscubatime@yahoo.com	1674 crest dr	Encinitas , Ca 92007	Feb 21, 2016 at 2:51:16 PM
1384	Tyler Brandenburg	tylerbr@att.net	1307 evergreen drive	cardiff, cs 92007	Nov 13, 2015 at 9:12:32 PM
1385	Tyler Cashman	Cashman.tyler@yahoo.com	PO Box 231718	Encinitas, CA 92023	Nov 23, 2015 at 7:18:32 PM
1386	tyler lee	tylerlee1287@hotmail.com	314 oakbranch drive	encinitas, CA 92024	Nov 13, 2015 at 12:50:20 AM
1387	tyler reid	tylerreid20@gmail.com	1835 Mackinnon ave.	Cardiff , CA 92007	Nov 12, 2015 at 5:42:38 PM
1388	Tyler Wolfson	wolfson.tyler@gmail.com	1923 San Elijo Ave #3	Cardiff , CA 92007	Nov 16, 2015 at 11:11:09 AM
1389	Vanessa Klosterman	vanessaklosterman@gmail.com	1870 Parliament Rd.	Encinitas, CA 92024	Mar 6, 2016 at 6:04:42 PM
1390	Veronique Deis-Groff	v.chloedg@gmail.com	343 COUNTRYWOOD LN	ENCINITAS, CA 92024	Mar 8, 2016 at 7:55:13 AM
1391	Victoria Monteiro	victoriaamonteiroo@gmail.com	1770 S. El Camino Real	Encinitas , CA 92024	Dec 3, 2015 at 9:32:38 AM
1392	Victoria Zamora	victoriaszam97@gmail.com	1613 Calle Dulce	Vista, CA 92084	Dec 2, 2015 at 10:39:27 PM
1393	Vince Burgess	Vinceburgess@me.com	182 Andrew Avenue	Encinitas, Ca 92024	Feb 22, 2016 at 10:03:38 AM
1394	Vincent Tessieri	vtessieri@yahoo.com	174 Legaye Dr.	Cardiff, CA 92007	Mar 2, 2016 at 12:11:44 PM
1395	Vinnie Martinez	hvylvn@gmail.com	1550 sapphire ln	vista, ca 92081	Nov 11, 2015 at 7:53:13 PM
1396	Viviyan Zoechling	Viviyan@lacosta2000.com	1042 N El Camino Real Ste B406	Encinitas, CA 92024	Nov 14, 2015 at 9:10:37 AM
1397	Wally Dohrer	wdoor@sbcglobal.net	801 Munevar rd	Cardiff, Ca. 92007	Feb 23, 2016 at 5:43:01 AM
1398	Walter Pruett	wp1841@hotmail.com	1984 Circle Park Lane	Encinitas, CA 92024	Mar 2, 2016 at 9:41:41 AM
1399	Wayne Wagner	Waynowag@gmail.com	1310 saxony rd	Encinitas, Ca 92024	Nov 29, 2015 at 11:21:15 AM
1400	Wes Carpenter	Garbpailkd@aol.com	639 Leucadia blvd	Encinitas, Ca 92024	Nov 11, 2015 at 9:39:30 PM

Norailtrail.com Members (Form Submissions)

	Name	Email	Street Address	City, State, Zip	Date form submitted
1401	Wesley Chapman	wesjchapman@gmail.com	1248 Greenlake Dr.	Cardiff, CA 92007	Nov 13, 2015 at 10:40:54 AM
1402	Whitney Thomas	Whitneycasandrathomas@gmail.com	6308 chandler dr	San Diego , CA 92007	Mar 3, 2016 at 11:13:05 PM
1403	Will Appleby	Bill@hotmail.com	155 grandview	Leucadia, Ca 92013	Nov 12, 2015 at 8:58:06 PM
1404	William Cornish	Billydcornish@gmail.com	1383 evergreen drive	Cardiff, Ca 92007	Nov 12, 2015 at 12:54:43 PM
1405	william Fairchild	fchild@cox.net	1106 2nd st #213	Encinitas, CA 92024	Jan 4, 2016 at 4:22:22 PM
1406	William Lerner	wmlerner@cox.net	2320 Newport Ave.	Cardiff, CA 92007	Feb 21, 2016 at 8:07:29 PM
1407	William Olmstead	Guillermo.olmstead@gmai.com	1511 summit Ave	Cardiff, CA 92007	Feb 21, 2016 at 8:16:50 PM
1408	Worth Archambault	Wortharch@hotmail.com	1177 Cornish drive	Encinitas , Ca 92024	Mar 6, 2016 at 10:29:02 AM
1409	Xana Young	Xanyxana@hellokitty.com	202 village run west	Encinitas, Ca 92024	Nov 14, 2015 at 1:47:57 PM
1410	Yanaris Nieves	tgka@yahoo.com	649 Beach Street	Encintas, CA 92024	Nov 30, 2015 at 1:37:51 PM
1411	Zach Knox	Zach_knox2000@yahoo.com	734 Ocean Crest Rd	Cardiff, Ca 92007	Nov 12, 2015 at 6:24:34 PM
1412	Zach Lara	mrwolfling@gmail.com	7308 Calle Conifera	Carlsbad, CA 92009	Nov 12, 2015 at 10:51:40 PM
1413	Zachary Leigh	Zodiach77@gmail.com	1653 legaye dr	Cardiff, CA 92007	Nov 20, 2015 at 1:50:21 PM
1414	Zachary Solomon	zsolomon92@gmail.com	1127 Cornish Drive	Encinitas, CA 92024	Nov 14, 2015 at 11:43:56 AM
1415	Zoe Berg-Pitt	zoebergpitt@gmail.com	423 Norfolk Drive	Cardiff, CA 92007	Mar 7, 2016 at 10:40:18 PM
1416	Zoe Kaye	zkaye35@yahoo.com	574 amphitheatre drive	Del mar, Ca 92014	Nov 12, 2015 at 10:04:42 PM
1417	Zoe Kennedy	zkennedytneb@gmail.com	120 E. 12th Street	New York, NY 10002	Nov 12, 2015 at 11:09:12 PM
1418	Zyania Good	Zyaniamari@yahoo.com	749 mays hollow lane	Encinitas, Ca 92024	Dec 2, 2015 at 8:30:07 AM

CoastalNCCPWP

From: Coastal Rail Trail <coastalrailtrail@gmail.com>
Sent: Monday, May 08, 2017 6:46 AM
To: Cox, Greg@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Cc: Buhr, Gabriel@Coastal; CoastalNCCPWP
Subject: 817 people: Vote YES on Th18a
Attachments: 817 people say vote YES Th18a.pdf

cc: Gabe Buhr, nccpwp@coastal.ca.gov

re: NCC NOID Cardiff Coastal Rail Trail, Item Th18a

Dear Coastal Commissioner,

A few weeks ago, our group learned that Coastal Commission Staff was going to recommend that you (1) vote "no" on the May 2017 agenda Item Th18a, the SANDAG NOID to build the Cardiff Coastal Rail Trail, and (2) vote to place the Rail Trail back on the east side of the tracks, inside of the Cardiff Rail Corridor.

That very day we put out an alert on our facebook page informing our members of this and we started a petition (attached). The online petition states:

> **Ask the Coastal Commission to Vote YES on the 101 Plan!**
>
> **We, the undersigned, ask the California Coastal Commission to vote YES on the SANDAG Plan to build the Coastal Rail Trail on Highway 101 through Cardiff. Highway 101 needs the improvements and the open space in the Cardiff Rail Corridor needs preserving.**

We were not surprised to be at 817 signees in only 16 days and we expect to be well over 1,000 in another week.

We used the website, iPetition.com, because it has more integrity than other petition sites, collecting only *unique* signatures and limiting input from the same IP address.

Please accept the attached signatures into the NCCPWP record and remember that we urge you to **Keep It Natural** when deciding issues within the Cardiff Rail Corridor.

Preserve Cardiff Rail Corridor

Joe Alkhas
1455 San Elijo Ave
Cardiff, CA 92007

Paul Gaspar
748 Lynwood Dr

Encinitas, CA 92024

Rich Kelso
1613 San Elijo Ave
Cardiff, CA 92007

Bill Lawson

2129 Sea Village Circle

Cardiff, CA 92007

Rich Risner
1574 Rubenstein Ave
Cardiff, CA 92007

Chris Swanner
1659 San Elijo Ave.
Cardiff, CA 92007

Ed Thielicke
1615 San Elijo Ave
Cardiff, CA 92007

Julie Thunder
1805 Westminster Dr.
Cardiff, CA 92007

Sean Wright
1657 Verdi Ave
Cardiff, CA 92007

This petition has collected
817 signatures
using the online tools at iPetitions.com

Printed on 2017-05-08

Ask the Coastal Commission to Vote YES on the 101 Plan!

About this petition

We, the undersigned, ask the California Coastal Commission to vote YES on the SANDAG Plan to build the Coastal Rail Trail on Highway 101 through Cardiff.

Highway 101 needs the improvements and the open space in the Cardiff Rail Corridor needs preserving.

URGENT UPDATE - Coastal Commission staff report recommends Commissioners vote to place the Coastal Rail Trail BACK IN THE CARDIFF RAIL CORRIDOR.

Bipartisan Support for the West side Coastal Rail Trail
The City of Encinitas, Mayor Blakespear, & Councilmembers ~ Bike Walk Encinitas ~ The Rob Machado Foundation ~ Preserve Cardiff Rail Corridor ~ San Elijo State Beach Management ~ County Supervisor (& former mayor) Kristin Gaspar ~ The Surfing Madonna Foundation ~ 1,500 members of NoRailTrail.com

Signatures

1. Name: Julie Thunder on 2017-04-22 13:52:58
Zip Code (opt):

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2. Name: Chris Swanner on 2017-04-22 19:20:50
Zip Code (opt):

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3. Name: Lindsey Jeu De Vine on 2017-04-24 14:13:10
Zip Code (opt): 92007

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4. Name: Sean Wright on 2017-04-24 14:38:10
Zip Code (opt): 92007

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5. Name: Paul Gaspar on 2017-04-24 14:52:07
Zip Code (opt): 92024

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6. Name: Bill Lawson on 2017-04-24 15:05:49
Zip Code (opt): 92007

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7. Name: Garth Valentine on 2017-04-24 15:43:09
Zip Code (opt): 92024

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8. Name: Kelly Lawson on 2017-04-24 16:36:23
Zip Code (opt): 92007

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9. Name: Ryan Considine on 2017-04-24 16:40:11
Zip Code (opt): 92024

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10. Name: Robert Trestman on 2017-04-24 16:46:50
Zip Code (opt):

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11. Name: Nancy Burns on 2017-04-24 17:36:02
Zip Code (opt):

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12. Name: Nancy Andon on 2017-04-24 17:54:02
Zip Code (opt): 92007

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13. Name: Richard Risner on 2017-04-24 18:06:30
Zip Code (opt): 92007

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14. Name: Gabrielle Holley on 2017-04-24 19:29:08

Zip Code (opt): 92007

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15. Name: Michael Burns on 2017-04-24 19:34:51
Zip Code (opt): 92007

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16. Name: Kevin Thunder on 2017-04-24 23:12:19
Zip Code (opt): 92007

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17. Name: Jennifer Benedict on 2017-04-24 23:31:57
Zip Code (opt): 92007

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18. Name: Calla Conway on 2017-04-25 00:37:38
Zip Code (opt): 92024

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19. Name: Randi Swanner on 2017-04-25 01:48:27
Zip Code (opt): 92007

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20. Name: Will Swanner on 2017-04-25 01:49:51
Zip Code (opt): 92007

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21. Name: Michael Swanner on 2017-04-25 01:51:12
Zip Code (opt): 92007

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22. Name: Dave Gonyer on 2017-04-25 03:48:35
Zip Code (opt):

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23. Name: Michele on 2017-04-25 04:34:59
Zip Code (opt): 92007

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24. Name: Kimberly Alkhas on 2017-04-25 04:39:30
Zip Code (opt):

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25. Name: Joan Atwood on 2017-04-25 13:12:26
Zip Code (opt): 92024

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26. Name: Ed Thielicke on 2017-04-25 17:43:21
Zip Code (opt): 92007

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27. Name: Philip graham on 2017-04-25 19:26:46
Zip Code (opt): 92024

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28. Name: Lorri Greene on 2017-04-25 23:44:54

Zip Code (opt): 92007

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29. Name: Heidi Welsh on 2017-04-26 00:22:36
Zip Code (opt): 92024

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30. Name: Jon Cohen on 2017-04-26 14:21:05
Zip Code (opt): 92007

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31. Name: Rhonda Wittenberg on 2017-04-26 15:04:13
Zip Code (opt): 92007

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32. Name: Patrice Ellman on 2017-04-26 15:13:15
Zip Code (opt): 92007

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33. Name: P Scott Millard on 2017-04-26 15:15:49
Zip Code (opt): 92007

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34. Name: Janet Wilkens on 2017-04-26 15:48:16
Zip Code (opt): 92007

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35. Name: Elizabeth Lawson on 2017-04-26 15:58:37
Zip Code (opt): 92007

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36. Name: Renee hilton on 2017-04-26 16:12:15
Zip Code (opt): 92007

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37. Name: Shannon Bradley on 2017-04-26 16:53:10
Zip Code (opt): 92007

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38. Name: Patricia Schoffstall on 2017-04-26 17:18:42
Zip Code (opt): 92311

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39. Name: Pam Slater-Price on 2017-04-26 17:45:42
Zip Code (opt):

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40. Name: Kate Kovary on 2017-04-26 18:15:08
Zip Code (opt): 92024

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41. Name: jan kaufman on 2017-04-26 19:07:21
Zip Code (opt): 92024

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42. Name: Sandy Coventry on 2017-04-26 20:15:18

Zip Code (opt): 92007

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43. Name: Mary Klawiter on 2017-04-26 20:41:44
Zip Code (opt): 92007

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44. Name: Nick Olsen on 2017-04-26 23:23:08
Zip Code (opt): 92024

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45. Name: Megan on 2017-04-27 03:28:10
Zip Code (opt): 92024

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46. Name: John Jeffrey Stewart on 2017-04-27 16:09:46
Zip Code (opt): 92007

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47. Name: George Hahn on 2017-04-27 17:09:07
Zip Code (opt): 92007

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48. Name: kathryn burton on 2017-04-27 18:05:31
Zip Code (opt): 92130

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49. Name: Whitney Thunder on 2017-04-27 19:46:35
Zip Code (opt): 92007

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50. Name: Daniel V Swanner on 2017-04-27 22:57:14
Zip Code (opt): 93023-3170

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51. Name: Jerry Peters on 2017-04-27 23:11:33
Zip Code (opt): 92007

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52. Name: Susan Erskine on 2017-04-28 01:27:06
Zip Code (opt): 92007

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53. Name: KELLOGG BOYNTON III on 2017-04-28 01:50:05
Zip Code (opt): 92024

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54. Name: Frances Garren on 2017-04-28 02:40:19
Zip Code (opt): 92024

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55. Name: Tara black on 2017-04-28 03:35:22
Zip Code (opt): 92924

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56. Name: Torrey on 2017-04-28 05:47:38

Zip Code (opt):

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57. Name: Steven Brennecke on 2017-04-28 12:50:27
Zip Code (opt): 92024

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58. Name: Ric and Lori Jones on 2017-04-28 14:43:04
Zip Code (opt): 92024

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59. Name: Paul Gaspar on 2017-04-28 15:03:18
Zip Code (opt): 92024

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60. Name: Forrest Howell on 2017-04-28 16:01:02
Zip Code (opt): 92024

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61. Name: Catherine Lichterman on 2017-04-28 17:30:37
Zip Code (opt):

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62. Name: Evan Larkin on 2017-04-28 18:02:04
Zip Code (opt): 92007

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63. Name: Juliana Risner on 2017-04-28 18:42:12
Zip Code (opt): 92007

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64. Name: Seth Chalnick on 2017-04-28 19:55:47
Zip Code (opt): 92007

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65. Name: Mia McCarville on 2017-04-28 22:04:02
Zip Code (opt): 92024

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66. Name: David White on 2017-04-28 23:56:37
Zip Code (opt): 92104

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67. Name: Mona-Lisa Ortega on 2017-04-29 00:42:01
Zip Code (opt): 92024

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68. Name: Gretchen Schultz on 2017-04-29 02:11:45
Zip Code (opt): 92024

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69. Name: Sheridan Pearson on 2017-04-29 03:53:25
Zip Code (opt): 92007

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70. Name: Summer Bates on 2017-04-29 13:14:32

Zip Code (opt): 92024

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71. Name: Jackie Carney on 2017-04-29 14:40:52
Zip Code (opt): 92024

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72. Name: Deb Searle on 2017-04-29 15:21:51
Zip Code (opt): 92024

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73. Name: Timothy Wright on 2017-04-29 15:37:29
Zip Code (opt): 92007

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74. Name: Jennifer martens on 2017-04-29 18:21:00
Zip Code (opt): 92024

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75. Name: Gerald Sodomka on 2017-04-29 19:11:10
Zip Code (opt): 92007

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76. Name: Greg Del Campo on 2017-04-30 00:53:21
Zip Code (opt): 92007

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77. Name: Jill Drawbridge on 2017-04-30 02:47:57
Zip Code (opt): 92024

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78. Name: Heather nelson on 2017-04-30 05:53:56
Zip Code (opt): 92024

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79. Name: Matt Fuller on 2017-04-30 06:04:04
Zip Code (opt): 92024

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80. Name: Katrina Bullard on 2017-04-30 06:39:26
Zip Code (opt): 92024

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81. Name: Kristine Quart on 2017-04-30 16:32:08
Zip Code (opt): 92024

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82. Name: Walter Downarowicz on 2017-04-30 17:11:17
Zip Code (opt): 92007

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83. Name: Bryan nubia on 2017-04-30 17:33:54
Zip Code (opt):

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84. Name: Lynn Adams on 2017-04-30 17:37:47

Zip Code (opt): 92007

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85. Name: Aaron Roslie on 2017-04-30 17:41:28
Zip Code (opt): 92024

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86. Name: Eric Leitstein on 2017-04-30 17:46:08
Zip Code (opt): 92024

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87. Name: Aaron Howard on 2017-04-30 17:51:25
Zip Code (opt):

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88. Name: Brett Jones on 2017-04-30 17:52:51
Zip Code (opt):

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89. Name: David R Posey on 2017-04-30 17:53:25
Zip Code (opt):

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90. Name: Terri Lillie on 2017-04-30 17:54:07
Zip Code (opt): 92007

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91. Name: Bradford Miller on 2017-04-30 17:57:18
Zip Code (opt): 92024-5210

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92. Name: Bryan stebel on 2017-04-30 17:57:38
Zip Code (opt): 92007

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93. Name: Scott LUND on 2017-04-30 17:58:46
Zip Code (opt): 92024

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94. Name: Patty Scott on 2017-04-30 18:03:36
Zip Code (opt): 92007

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95. Name: Jeff mettee on 2017-04-30 18:03:55
Zip Code (opt): 92007

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96. Name: Paulla on 2017-04-30 18:09:23
Zip Code (opt): 92007

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97. Name: Isabella Welker on 2017-04-30 18:09:29
Zip Code (opt): 92024

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98. Name: Richard Oesterheld on 2017-04-30 18:13:13

Zip Code (opt): 92007

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99. Name: Susan Wright on 2017-04-30 18:16:05
Zip Code (opt): 92024

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100. Name: Sean Dwyer on 2017-04-30 18:17:14
Zip Code (opt): 92024

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101. Name: ron ranson on 2017-04-30 18:20:22
Zip Code (opt): 92024

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102. Name: Bryan Post on 2017-04-30 18:21:03
Zip Code (opt): 92024

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103. Name: Lorri Grah on 2017-04-30 18:22:56
Zip Code (opt): 92024

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104. Name: Chriss brumfield on 2017-04-30 18:24:55
Zip Code (opt): 92024

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105. Name: Pamela Hannon on 2017-04-30 18:26:36
Zip Code (opt): 92024

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106. Name: Emily Belt on 2017-04-30 18:31:40
Zip Code (opt):

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107. Name: Karin Trommer on 2017-04-30 18:32:49
Zip Code (opt): 90278

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108. Name: Diane Aiken on 2017-04-30 18:45:01
Zip Code (opt): 92056

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109. Name: shelby forsythe on 2017-04-30 18:46:50
Zip Code (opt): 92024

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110. Name: Kimberly Mazza on 2017-04-30 18:52:17
Zip Code (opt): 92024

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111. Name: Matt Weber on 2017-04-30 18:53:40
Zip Code (opt): 92007

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112. Name: Jaye Weber on 2017-04-30 18:54:20

Zip Code (opt): 92007

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113. Name: Mark Bobo on 2017-04-30 18:55:48
Zip Code (opt): 92007

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114. Name: Carole Serling on 2017-04-30 18:56:00
Zip Code (opt): 92007

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115. Name: mary wieder on 2017-04-30 18:57:15
Zip Code (opt): 92024

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116. Name: Renee hilton on 2017-04-30 18:58:36
Zip Code (opt): 92007

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117. Name: Kathleen Dwyer on 2017-04-30 19:05:48
Zip Code (opt): 92069

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118. Name: Shari Pickett on 2017-04-30 19:07:38
Zip Code (opt): 92007

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119. Name: James Machado on 2017-04-30 19:17:06
Zip Code (opt): 92007

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120. Name: Melissa Barbano on 2017-04-30 19:18:58
Zip Code (opt): 92009

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121. Name: Hershell Price on 2017-04-30 19:25:29
Zip Code (opt): 92014

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122. Name: Barbara J Stewart on 2017-04-30 19:26:05
Zip Code (opt): 92007

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123. Name: Abbi Lawrance on 2017-04-30 19:41:17
Zip Code (opt): 92024

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124. Name: Marcus dedina on 2017-04-30 19:51:39
Zip Code (opt): 92007

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125. Name: Irene Kratzer on 2017-04-30 20:12:05
Zip Code (opt): 92007

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126. Name: Marie K Coco-Tessieri on 2017-04-30 20:15:12

Zip Code (opt): 92007

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127. Name: Lyn Hutton on 2017-04-30 20:20:09
Zip Code (opt): 92007

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128. Name: Joanne Bonde on 2017-04-30 20:22:27
Zip Code (opt): 92007

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129. Name: Deborah J Bicher on 2017-04-30 20:25:01
Zip Code (opt): 92024

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130. Name: Robert Bonde on 2017-04-30 20:27:22
Zip Code (opt): 92007

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131. Name: Colleen Veneri on 2017-04-30 20:28:23
Zip Code (opt): 92007

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132. Name: Circe wallace on 2017-04-30 20:31:15
Zip Code (opt): 92007

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133. Name: Gary Myron on 2017-04-30 20:36:52
Zip Code (opt): 92024

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134. Name: Renee Leeb on 2017-04-30 20:39:08
Zip Code (opt): 92024

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135. Name: Jose Rocha on 2017-04-30 20:43:49
Zip Code (opt): 92007

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136. Name: Dorothy Lesch on 2017-04-30 20:46:34
Zip Code (opt): 92008

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137. Name: Nick Devine on 2017-04-30 20:51:43
Zip Code (opt): 92024

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138. Name: Elizabeth Herr on 2017-04-30 20:53:06
Zip Code (opt): 92007

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139. Name: Olivier Canler on 2017-04-30 20:55:33
Zip Code (opt): 92024

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140. Name: JARRETT LEEB on 2017-04-30 20:56:27

Zip Code (opt):

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141. Name: Angela gallo on 2017-04-30 20:57:14
Zip Code (opt): 92024

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142. Name: Robin on 2017-04-30 21:03:19
Zip Code (opt): 92007

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143. Name: Karla ogilvie on 2017-04-30 21:05:28
Zip Code (opt): 92024

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144. Name: Denise Martin on 2017-04-30 21:08:59
Zip Code (opt): 92024

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145. Name: Doreen Chopp on 2017-04-30 21:09:14
Zip Code (opt): 92081

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146. Name: Tort McCarter on 2017-04-30 21:09:33
Zip Code (opt): 92024

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147. Name: Doug Fiske on 2017-04-30 21:12:33
Zip Code (opt): 92024

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148. Name: nancy spier on 2017-04-30 21:16:52
Zip Code (opt): 92024

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149. Name: Mitzi Belknap on 2017-04-30 21:19:46
Zip Code (opt):

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150. Name: william Fairchild on 2017-04-30 21:21:20
Zip Code (opt): 92024

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151. Name: Donna Martin on 2017-04-30 21:24:26
Zip Code (opt): 92007

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152. Name: Amelia Cole on 2017-04-30 21:25:19
Zip Code (opt): 92007

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153. Name: Peyton Theodore on 2017-04-30 21:26:34
Zip Code (opt): 92007

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154. Name: Jeff netee on 2017-04-30 21:45:25

Zip Code (opt): 92007

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155. Name: Brett crowder on 2017-04-30 21:49:22
Zip Code (opt): 92007

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156. Name: Sandy Cordato on 2017-04-30 21:51:25
Zip Code (opt): 92007

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157. Name: Tim Escher on 2017-04-30 21:53:44
Zip Code (opt):

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158. Name: Marilyn Norman on 2017-04-30 21:57:27
Zip Code (opt): 92078

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159. Name: Jill skowera on 2017-04-30 21:58:20
Zip Code (opt): 92024

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160. Name: Leila morgan on 2017-04-30 22:17:58
Zip Code (opt): 92007

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161. Name: Scott Haugaard on 2017-04-30 22:20:07
Zip Code (opt): 92007

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162. Name: Thomas Montgomery on 2017-04-30 22:21:32
Zip Code (opt): 92007

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163. Name: Diane Thompson on 2017-04-30 22:22:55
Zip Code (opt): 92024

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164. Name: Christian hansen on 2017-04-30 22:30:55
Zip Code (opt): 92024

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165. Name: Hollie Prussack on 2017-04-30 22:31:38
Zip Code (opt):

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166. Name: Alexa on 2017-04-30 22:32:34
Zip Code (opt): 92024

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167. Name: Philbrick Edward on 2017-04-30 22:34:05
Zip Code (opt): 92078

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168. Name: Nick Lawrence on 2017-04-30 22:44:35

Zip Code (opt): 92007

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169. Name: Cerc Schwaebe on 2017-04-30 22:49:39
Zip Code (opt): 92007

---

170. Name: Kate conway on 2017-04-30 22:56:38
Zip Code (opt): 92007

---

171. Name: Heidi Swanson on 2017-04-30 23:03:14
Zip Code (opt): 92024

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172. Name: Brianna Lundgren on 2017-04-30 23:03:28
Zip Code (opt): 92007-1507

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173. Name: Russ Kubart on 2017-04-30 23:04:30
Zip Code (opt): 92024

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174. Name: Amy chanmugam on 2017-04-30 23:06:20
Zip Code (opt): 92007

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175. Name: Bari Cunningham on 2017-04-30 23:06:24
Zip Code (opt): 92024

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176. Name: Clement Qaqish on 2017-04-30 23:06:54
Zip Code (opt): 92007

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177. Name: Matthew Swanson on 2017-04-30 23:10:40
Zip Code (opt): 92024

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178. Name: Bob Cunningham on 2017-04-30 23:11:03
Zip Code (opt): 92924

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179. Name: Misty Johnson on 2017-04-30 23:11:49
Zip Code (opt): 92007

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180. Name: Yanina cambareri on 2017-04-30 23:30:41
Zip Code (opt):

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181. Name: Kathy Klossner on 2017-04-30 23:31:04
Zip Code (opt): 92007

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182. Name: Monique Leibee on 2017-04-30 23:42:50

Zip Code (opt): 92024

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183. Name: Dennis Cole on 2017-04-30 23:48:06
Zip Code (opt): 92007

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184. Name: Cheryl griffiths on 2017-04-30 23:53:12
Zip Code (opt): 92024

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185. Name: Sophie rozenzhak on 2017-04-30 23:53:44
Zip Code (opt): 92024

---

186. Name: Yanaris Nieves on 2017-05-01 00:11:33
Zip Code (opt): 92024

---

187. Name: Katherine P Hammond on 2017-05-01 00:11:54
Zip Code (opt): 92130

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188. Name: Sherry on 2017-05-01 00:21:00
Zip Code (opt): 92007

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189. Name: Connie Siplyak on 2017-05-01 00:21:08
Zip Code (opt): 92007

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190. Name: Lorri Greene on 2017-05-01 00:23:04
Zip Code (opt): 92007

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191. Name: Sallie on 2017-05-01 00:23:29
Zip Code (opt): 92024

---

192. Name: David Dozier on 2017-05-01 00:30:35
Zip Code (opt): 92007

---

193. Name: Griffin Knipe on 2017-05-01 00:39:26
Zip Code (opt): 92024

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194. Name: Adele Josepho on 2017-05-01 00:49:08
Zip Code (opt): 92075

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195. Name: Amy Schick on 2017-05-01 00:54:15
Zip Code (opt): 92024

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196. Name: Kurt Kremer on 2017-05-01 00:55:36

Zip Code (opt): 92007

---

197. Name: Michael Burke on 2017-05-01 00:56:25
Zip Code (opt): 92007

---

198. Name: Lydia Megowan on 2017-05-01 01:04:53
Zip Code (opt): 92024

---

199. Name: Carol Minster on 2017-05-01 01:05:49
Zip Code (opt): 92024

---

200. Name: Sara Lokan on 2017-05-01 01:10:23
Zip Code (opt): 92024

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201. Name: Joanna McGowan on 2017-05-01 01:16:15
Zip Code (opt): 92007

---

202. Name: Fleur schim on 2017-05-01 01:23:51
Zip Code (opt): 92024

---

203. Name: Phil Petachenko on 2017-05-01 01:28:20
Zip Code (opt): 92024

---

204. Name: koby gilchrist on 2017-05-01 01:34:39
Zip Code (opt): 92007

---

205. Name: Julie Leigh on 2017-05-01 01:36:16
Zip Code (opt): 92009

---

206. Name: Victoria von Holder on 2017-05-01 01:39:01
Zip Code (opt): 92024

---

207. Name: Christine Amato on 2017-05-01 01:41:23
Zip Code (opt): 92009

---

208. Name: Debra Quick-Jones on 2017-05-01 01:41:34
Zip Code (opt): 92007

---

209. Name: David Painter on 2017-05-01 01:48:26
Zip Code (opt): 92007

---

210. Name: Suzanne Hagen on 2017-05-01 01:50:41

Zip Code (opt): 92007

---

211. Name: Maja Muric on 2017-05-01 01:53:20
Zip Code (opt): 92024

---

212. Name: Nancy Andon on 2017-05-01 01:59:12
Zip Code (opt): 92007

---

213. Name: Chantal Leibee on 2017-05-01 02:01:45
Zip Code (opt): 92024

---

214. Name: jiela rufeh on 2017-05-01 02:01:48
Zip Code (opt): 92024

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215. Name: Sheri nantz on 2017-05-01 02:02:29
Zip Code (opt): 92024

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216. Name: Jenifer Lawrence on 2017-05-01 02:08:53
Zip Code (opt): 92886

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217. Name: Tim Wright on 2017-05-01 02:15:18
Zip Code (opt): 92024

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218. Name: Richard Risner on 2017-05-01 02:17:40
Zip Code (opt): 92007

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219. Name: Keith omundson on 2017-05-01 02:50:31
Zip Code (opt): 92128

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220. Name: Mac Law on 2017-05-01 02:54:33
Zip Code (opt): 92075

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221. Name: Waiel Ali on 2017-05-01 03:01:45
Zip Code (opt):

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222. Name: John Thompson on 2017-05-01 03:11:15
Zip Code (opt): 92024

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223. Name: Paula Vargas on 2017-05-01 03:13:39
Zip Code (opt):

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224. Name: Greg Lowe on 2017-05-01 03:21:23

Zip Code (opt): 92009

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225. Name: Lisa Ledingham on 2017-05-01 03:21:24
Zip Code (opt): 92024

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226. Name: Christy Herold on 2017-05-01 03:23:21
Zip Code (opt): 92130

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227. Name: Michelle Azevedo on 2017-05-01 03:29:28
Zip Code (opt): 92075

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228. Name: Cheri Fairchild on 2017-05-01 03:33:14
Zip Code (opt): 92024

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229. Name: john pierce on 2017-05-01 03:33:38
Zip Code (opt): 92007

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230. Name: Peter Simpson on 2017-05-01 03:35:30
Zip Code (opt): 92007

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231. Name: Bradley Leonhard on 2017-05-01 03:43:14
Zip Code (opt): 92024

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232. Name: Nancy Headrick on 2017-05-01 03:45:13
Zip Code (opt): 92024

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233. Name: Pamela K Gran on 2017-05-01 03:45:29
Zip Code (opt): 92007

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234. Name: Nicole on 2017-05-01 03:52:04
Zip Code (opt): 92024

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235. Name: Emily molina on 2017-05-01 04:09:42
Zip Code (opt): 92007

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236. Name: Megan Gunsorek on 2017-05-01 04:17:54
Zip Code (opt): 92007

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237. Name: Kimberly Alkhas on 2017-05-01 04:41:14
Zip Code (opt): 92007

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238. Name: isabella francechetti on 2017-05-01 04:55:28

Zip Code (opt): 92024

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239. Name: Scott Blake on 2017-05-01 04:57:14
Zip Code (opt): 92024

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240. Name: Stuart L Richard on 2017-05-01 05:02:46
Zip Code (opt): 92024

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241. Name: Brenda Tirshfield on 2017-05-01 05:12:02
Zip Code (opt): 92024

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242. Name: Austin Wade on 2017-05-01 05:24:27
Zip Code (opt): 92007-1125

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243. Name: Jason Marley on 2017-05-01 05:25:54
Zip Code (opt): 92007

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244. Name: massimo franceschetti on 2017-05-01 06:10:20
Zip Code (opt): 92024

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245. Name: George Gastellum on 2017-05-01 06:15:39
Zip Code (opt): 92037

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246. Name: Thomas Kaestner on 2017-05-01 06:48:19
Zip Code (opt): 92024

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247. Name: Joseph Bellisario on 2017-05-01 07:09:57
Zip Code (opt): 92024

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248. Name: Patrick Dodd on 2017-05-01 07:44:47
Zip Code (opt): 92007

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249. Name: Jane Ibrahim Gaito on 2017-05-01 07:59:57
Zip Code (opt):

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250. Name: Tiana Hejduk on 2017-05-01 08:40:10
Zip Code (opt): 92007

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251. Name: Mac McCarter on 2017-05-01 12:56:31
Zip Code (opt): 92024

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252. Name: Susan Erskine on 2017-05-01 13:12:25

Zip Code (opt): 92007

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253. Name: Dorothy Stanley on 2017-05-01 13:26:20
Zip Code (opt): 92024

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254. Name: Lori Hiers on 2017-05-01 13:40:23
Zip Code (opt): 92009

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255. Name: Peter Goddard on 2017-05-01 13:47:25
Zip Code (opt): 92007

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256. Name: Rick Allgire on 2017-05-01 14:11:31
Zip Code (opt): 92024

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257. Name: Kate Thielicke on 2017-05-01 14:19:29
Zip Code (opt): 92007

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258. Name: Trish Walsh haskell on 2017-05-01 14:24:13
Zip Code (opt): 92007

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259. Name: Grant on 2017-05-01 14:27:43
Zip Code (opt): 92007

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260. Name: jamie machado on 2017-05-01 14:29:50
Zip Code (opt): 92007

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261. Name: Corrie Anderson on 2017-05-01 14:34:50
Zip Code (opt): 92007

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262. Name: David Grosher on 2017-05-01 14:38:47
Zip Code (opt): 92007

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263. Name: Tom Friedman on 2017-05-01 14:45:08
Zip Code (opt):

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264. Name: Carol Wolf on 2017-05-01 14:50:22
Zip Code (opt): 92024

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265. Name: Svenja Wright on 2017-05-01 15:08:02
Zip Code (opt): 92007

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266. Name: Evan Wright on 2017-05-01 15:08:48

Zip Code (opt): 92007

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267. Name: Ewan Wright on 2017-05-01 15:09:22
Zip Code (opt): 92007

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268. Name: Jim Renfro on 2017-05-01 15:19:38
Zip Code (opt): 92024

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269. Name: justin machado on 2017-05-01 15:20:47
Zip Code (opt): 92007

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270. Name: Lily McGuire on 2017-05-01 15:29:36
Zip Code (opt): 92007

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271. Name: Julie Leeuw on 2017-05-01 15:31:54
Zip Code (opt): 92007

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272. Name: Jason Scott on 2017-05-01 15:34:01
Zip Code (opt): 92007

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273. Name: Jeffrey Ostrove on 2017-05-01 15:49:27
Zip Code (opt): 92007

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274. Name: Pamela BuritzDew on 2017-05-01 15:50:11
Zip Code (opt): 92024

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275. Name: JOHN CHO on 2017-05-01 15:52:37
Zip Code (opt):

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276. Name: Noelle McCool Smiley on 2017-05-01 15:54:39
Zip Code (opt): 92007

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277. Name: Melissa McCool on 2017-05-01 15:58:04
Zip Code (opt): 92024-2601

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278. Name: Dan Jaoudi on 2017-05-01 16:00:50
Zip Code (opt): 92007

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279. Name: Megan Koraly on 2017-05-01 16:01:36
Zip Code (opt): 92024

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280. Name: N Smiley on 2017-05-01 16:06:06

Zip Code (opt): 92007

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281. Name: Karen Arnold on 2017-05-01 16:07:52
Zip Code (opt): 92007

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282. Name: Linda Leigh on 2017-05-01 16:12:45
Zip Code (opt): 92007

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283. Name: shaun wallace on 2017-05-01 16:13:12
Zip Code (opt): 92024

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284. Name: Steven Pirie-Shepherd on 2017-05-01 16:13:31
Zip Code (opt): 92007

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285. Name: Craig Arnold on 2017-05-01 16:13:41
Zip Code (opt): 92007

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286. Name: Karen Herr on 2017-05-01 16:17:45
Zip Code (opt): 92007

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287. Name: Robert Miller on 2017-05-01 16:17:54
Zip Code (opt): 92024

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288. Name: Regan Shouldis on 2017-05-01 16:19:40
Zip Code (opt): 92024

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289. Name: Josh McMurtrie on 2017-05-01 16:23:36
Zip Code (opt): 92024

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290. Name: Bill Rodewald on 2017-05-01 16:31:29
Zip Code (opt): 92007

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291. Name: Barbara Thunder on 2017-05-01 16:40:52
Zip Code (opt): 92007

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292. Name: Kristin Lam on 2017-05-01 17:02:55
Zip Code (opt): 92007

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293. Name: Catherine Albertini on 2017-05-01 17:03:24
Zip Code (opt): 92007

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294. Name: Tyler Brandenburg on 2017-05-01 17:04:21

Zip Code (opt): 92007

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295. Name: Kelly griffin on 2017-05-01 17:07:19
Zip Code (opt): 92007

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296. Name: Brian walker on 2017-05-01 17:14:23
Zip Code (opt): 92007

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297. Name: STEVE FILSINGETR on 2017-05-01 17:26:28
Zip Code (opt): 92024

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298. Name: Michelle Hudson on 2017-05-01 17:30:07
Zip Code (opt): 92075

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299. Name: lorraine cherewick on 2017-05-01 17:33:05
Zip Code (opt): 92007

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300. Name: chris donnelly on 2017-05-01 17:33:17
Zip Code (opt): 92007

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301. Name: Barbara Lockwood on 2017-05-01 17:35:42
Zip Code (opt): 92024

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302. Name: Christina Krapf on 2017-05-01 17:52:11
Zip Code (opt): 92007

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303. Name: Eric Coolbaugh on 2017-05-01 17:56:31
Zip Code (opt): 92007

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304. Name: Portia La Touche on 2017-05-01 18:00:14
Zip Code (opt): 92024

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305. Name: KIMBERLEY DAVIS on 2017-05-01 18:07:21
Zip Code (opt): 92007

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306. Name: Rosemary KimBal on 2017-05-01 18:18:44
Zip Code (opt): 92007

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307. Name: Inge Bisconer on 2017-05-01 18:20:11
Zip Code (opt): 92007

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308. Name: Denise Foyle on 2017-05-01 18:25:13

Zip Code (opt): 92007

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309. Name: Zach Leigh on 2017-05-01 18:30:00
Zip Code (opt): 92007

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310. Name: Manuel Lockwood on 2017-05-01 18:32:00
Zip Code (opt): 92024

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311. Name: William R Anderson on 2017-05-01 18:32:06
Zip Code (opt): 92007

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312. Name: Bill Zimmerman on 2017-05-01 18:40:06
Zip Code (opt): 92007

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313. Name: Joe Alkhas on 2017-05-01 18:51:51
Zip Code (opt): 92007

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314. Name: Harvey Cherewick on 2017-05-01 19:02:02
Zip Code (opt): 92007

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315. Name: Donna Carr on 2017-05-01 19:19:37
Zip Code (opt): 92024

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316. Name: Rona Rundle on 2017-05-01 19:31:35
Zip Code (opt): 92009

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317. Name: Adam McPeak on 2017-05-01 19:32:27
Zip Code (opt): 92007

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318. Name: Randolf cherewick on 2017-05-01 19:58:51
Zip Code (opt):

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319. Name: Mark Fortuna on 2017-05-01 19:59:26
Zip Code (opt): 92007

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320. Name: Lacey Dodd on 2017-05-01 19:59:43
Zip Code (opt): 92009

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321. Name: Lauren Gaglione on 2017-05-01 20:07:28
Zip Code (opt): 92097

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322. Name: nina heller on 2017-05-01 20:15:26

Zip Code (opt): 92024

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323. Name: Elizabeth Littrell on 2017-05-01 20:25:36
Zip Code (opt): 92007

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324. Name: Mary Anderson on 2017-05-01 20:33:13
Zip Code (opt): 92007

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325. Name: Susan Hellrigel on 2017-05-01 20:34:10
Zip Code (opt): 92024

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326. Name: Daniella R Carlson on 2017-05-01 20:37:24
Zip Code (opt): 92075

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327. Name: Kevin Soehner on 2017-05-01 20:40:12
Zip Code (opt): 92007

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328. Name: James Cook on 2017-05-01 20:47:22
Zip Code (opt): 92007

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329. Name: Scott Kyle on 2017-05-01 20:49:48
Zip Code (opt): 92007

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330. Name: Del Stewart on 2017-05-01 21:02:51
Zip Code (opt): 92103

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331. Name: Carrie LaRocque on 2017-05-01 21:05:16
Zip Code (opt): 92007

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332. Name: marc creswell on 2017-05-01 21:13:53
Zip Code (opt): 92007

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333. Name: Giang huynh on 2017-05-01 21:19:08
Zip Code (opt): 92024

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334. Name: Gina Correll on 2017-05-01 21:19:13
Zip Code (opt): 92024

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335. Name: Briana nelson on 2017-05-01 21:24:05
Zip Code (opt): 92007

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336. Name: Lance Cummings on 2017-05-01 21:49:02

Zip Code (opt): 92007

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337. Name: Steve Grah on 2017-05-01 21:58:09
Zip Code (opt): 92024

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338. Name: Melody Jones on 2017-05-01 22:11:36
Zip Code (opt): 92109

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339. Name: Karen Knight on 2017-05-01 22:15:18
Zip Code (opt): 92007

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340. Name: Heath Metzler on 2017-05-01 22:20:26
Zip Code (opt): 92007

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341. Name: Erika Gonyer on 2017-05-01 22:27:22
Zip Code (opt):

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342. Name: nancy gordon on 2017-05-01 22:35:57
Zip Code (opt): 92007

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343. Name: Michael Florio on 2017-05-01 22:42:49
Zip Code (opt): 92126

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344. Name: Paul Stuart on 2017-05-01 22:43:22
Zip Code (opt): 92024

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345. Name: James Siefert on 2017-05-01 22:43:27
Zip Code (opt): 92007

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346. Name: Levy Ruth on 2017-05-01 22:44:08
Zip Code (opt): 92007

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347. Name: Maryann Lopez on 2017-05-01 22:45:34
Zip Code (opt):

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348. Name: Ron Fernandez on 2017-05-01 22:47:22
Zip Code (opt): 92024

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349. Name: Judy Sauritch on 2017-05-01 23:23:32
Zip Code (opt): 92024

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350. Name: Alan Lerchbacker on 2017-05-01 23:26:07

Zip Code (opt): 92007

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351. Name: Eric Simpson on 2017-05-01 23:26:28
Zip Code (opt): 92007

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352. Name: Linda Johnson on 2017-05-01 23:34:05
Zip Code (opt): 92007

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353. Name: Gina Brockamp on 2017-05-01 23:35:40
Zip Code (opt): 92007

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354. Name: Kimberly Forte on 2017-05-01 23:43:10
Zip Code (opt): 92007

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355. Name: christina Zeller on 2017-05-01 23:51:51
Zip Code (opt): 92024

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356. Name: Stephanie Wells on 2017-05-01 23:58:38
Zip Code (opt):

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357. Name: Mary C Matheson on 2017-05-01 23:58:52
Zip Code (opt):

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358. Name: Nancy Shah on 2017-05-02 00:05:43
Zip Code (opt): 92075

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359. Name: Roya Mahmoudi on 2017-05-02 00:13:27
Zip Code (opt): 92007

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360. Name: Charles Mettee on 2017-05-02 00:15:34
Zip Code (opt): 92024

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361. Name: rachel stock on 2017-05-02 00:23:06
Zip Code (opt): 92007

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362. Name: Chris Peck on 2017-05-02 00:24:35
Zip Code (opt): 92024

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363. Name: Leslie Engel on 2017-05-02 00:32:36
Zip Code (opt): 92007

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364. Name: Bruce Adamson on 2017-05-02 00:45:14

Zip Code (opt): 92024

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365. Name: Ni Aeberli on 2017-05-02 00:50:40
Zip Code (opt): 92007

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366. Name: Gary Schneiderman MD on 2017-05-02 01:01:21
Zip Code (opt): 92007

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367. Name: Kathleen Schneiderman MD on 2017-05-02 01:02:30
Zip Code (opt): 92007

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368. Name: Heidi Welsh on 2017-05-02 01:13:08
Zip Code (opt): 92024

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369. Name: David Meza on 2017-05-02 01:13:14
Zip Code (opt): 92075

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370. Name: Sara Ghrist on 2017-05-02 01:29:48
Zip Code (opt): 92007

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371. Name: Tyler Bartholomew on 2017-05-02 01:38:45
Zip Code (opt): 92078

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372. Name: Terri Denning on 2017-05-02 01:45:37
Zip Code (opt): 92117

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373. Name: Joseph Louis on 2017-05-02 01:45:38
Zip Code (opt):

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374. Name: Maxwell wittenberg on 2017-05-02 01:48:28
Zip Code (opt): 92007

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375. Name: Nicholas Olsen on 2017-05-02 01:51:48
Zip Code (opt): 92024

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376. Name: Joan Dyer on 2017-05-02 02:01:46
Zip Code (opt):

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377. Name: Bruce Hamann on 2017-05-02 02:05:46
Zip Code (opt): 92007

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378. Name: Joe Barry on 2017-05-02 02:45:48

Zip Code (opt): 92007

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379. Name: Megan Ryan on 2017-05-02 02:46:10
Zip Code (opt): 92024

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380. Name: Patricia Maciel-Barry on 2017-05-02 02:46:53
Zip Code (opt): 92007

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381. Name: Dane Barry on 2017-05-02 02:47:58
Zip Code (opt): 92007

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382. Name: Jennifer Bartholomew on 2017-05-02 03:04:14
Zip Code (opt):

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383. Name: Jill Hacker on 2017-05-02 03:05:03
Zip Code (opt): 92007

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384. Name: Katie Lyons on 2017-05-02 03:06:10
Zip Code (opt): 92007

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385. Name: Sarah Mettee on 2017-05-02 03:10:37
Zip Code (opt): 92007

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386. Name: Rachael Garcia on 2017-05-02 03:19:50
Zip Code (opt):

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387. Name: Yasin Latif on 2017-05-02 03:23:00
Zip Code (opt):

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388. Name: margaret kleeb on 2017-05-02 03:26:52
Zip Code (opt): 92007

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389. Name: Mike Ryan on 2017-05-02 03:27:35
Zip Code (opt): 92081

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390. Name: Laura Soeten on 2017-05-02 03:34:55
Zip Code (opt): 92011

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391. Name: Tanya on 2017-05-02 03:41:24
Zip Code (opt): 91901

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392. Name: Paul Chintawat on 2017-05-02 03:52:59

Zip Code (opt): 92007

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393. Name: Tommy Trozera on 2017-05-02 03:58:19
Zip Code (opt): 92007

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394. Name: Joanie Anderson on 2017-05-02 03:58:55
Zip Code (opt): 92008

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395. Name: Stephanie Singer on 2017-05-02 04:03:45
Zip Code (opt): 92075

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396. Name: June Miller on 2017-05-02 04:05:19
Zip Code (opt):

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397. Name: Loree love on 2017-05-02 04:05:43
Zip Code (opt):

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398. Name: Sara Moten on 2017-05-02 04:22:50
Zip Code (opt): 92075

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399. Name: Tim Wright on 2017-05-02 04:27:55
Zip Code (opt): 92007

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400. Name: Yesim Boose on 2017-05-02 04:40:27
Zip Code (opt):

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401. Name: Ryan Keefe on 2017-05-02 04:47:59
Zip Code (opt):

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402. Name: Moira McMahon on 2017-05-02 04:51:30
Zip Code (opt): 92007

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403. Name: Meghdad on 2017-05-02 04:51:54
Zip Code (opt): 92007

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404. Name: P mcduffie on 2017-05-02 04:52:35
Zip Code (opt): 92034

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405. Name: Jaclyn on 2017-05-02 05:06:03
Zip Code (opt): 92024

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406. Name: Kathy L Lovelett on 2017-05-02 05:15:02

Zip Code (opt): 92057

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407. Name: Natalie Lindsey on 2017-05-02 05:16:39
Zip Code (opt): 92007

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408. Name: Travis Gibson on 2017-05-02 05:19:20
Zip Code (opt):

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409. Name: Lori Chartier on 2017-05-02 05:34:21
Zip Code (opt): 92007

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410. Name: Kevin Alameda on 2017-05-02 06:13:01
Zip Code (opt): 92007

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411. Name: Nicole Collins on 2017-05-02 06:23:12
Zip Code (opt): 92009

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412. Name: John Malyn on 2017-05-02 06:51:13
Zip Code (opt):

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413. Name: Holly Keomany on 2017-05-02 09:39:40
Zip Code (opt): 92024

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414. Name: Joe Alkhas on 2017-05-02 11:31:31
Zip Code (opt): 92007

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415. Name: Scott zipse on 2017-05-02 12:17:54
Zip Code (opt): 92007

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416. Name: Angelina Collins on 2017-05-02 12:37:27
Zip Code (opt):

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417. Name: Adam Kobrin on 2017-05-02 12:43:10
Zip Code (opt): 92007

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418. Name: Annika Nelson on 2017-05-02 13:05:43
Zip Code (opt): 92007

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419. Name: Kris on 2017-05-02 13:11:57
Zip Code (opt): 92007

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420. Name: Gary Crocker on 2017-05-02 13:15:13

Zip Code (opt): 91901

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421. Name: Carol Hutmacher on 2017-05-02 13:24:59
Zip Code (opt): 92024

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422. Name: Trina davis on 2017-05-02 13:53:44
Zip Code (opt): 92007

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423. Name: Katheryn Rhodes on 2017-05-02 14:01:04
Zip Code (opt): 92106

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424. Name: Nick Marcum on 2017-05-02 14:12:28
Zip Code (opt): 92007

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425. Name: Traci Conway on 2017-05-02 14:24:12
Zip Code (opt): 92024

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426. Name: Ian Thompson on 2017-05-02 14:26:05
Zip Code (opt): 92024

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427. Name: Cal Andrus on 2017-05-02 14:39:11
Zip Code (opt):

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428. Name: Lisa butts on 2017-05-02 14:39:56
Zip Code (opt):

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429. Name: Alexa on 2017-05-02 15:08:16
Zip Code (opt):

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430. Name: Cynthia hayes on 2017-05-02 15:10:45
Zip Code (opt): 92024

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431. Name: Annie Hines on 2017-05-02 15:26:33
Zip Code (opt): 92007

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432. Name: Valerie Sowder on 2017-05-02 15:28:15
Zip Code (opt): 92024

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433. Name: Chris Austin on 2017-05-02 15:29:07
Zip Code (opt): 92075

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434. Name: Ty Cukr on 2017-05-02 15:32:13

Zip Code (opt): 92010

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435. Name: Jared Mettee on 2017-05-02 15:33:51
Zip Code (opt):

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436. Name: Peter Hevezi on 2017-05-02 15:35:39
Zip Code (opt): 92024

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437. Name: Pam Sylvor on 2017-05-02 15:56:03
Zip Code (opt): 92007

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438. Name: Curtis Drown on 2017-05-02 16:25:06
Zip Code (opt): 92007

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439. Name: Andrew Zimbalist on 2017-05-02 16:32:10
Zip Code (opt): 92024

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440. Name: Karen delanty on 2017-05-02 17:04:33
Zip Code (opt): 92007

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441. Name: Laurence A Trupe on 2017-05-02 17:05:29
Zip Code (opt): 92007

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442. Name: Summer Bates on 2017-05-02 17:11:19
Zip Code (opt): 92024

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443. Name: Debra Smith on 2017-05-02 17:12:03
Zip Code (opt): 92024

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444. Name: Jenny works on 2017-05-02 17:17:36
Zip Code (opt): 92024

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445. Name: Karen V Sprink on 2017-05-02 17:34:13
Zip Code (opt): 92007

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446. Name: Jenny Michelle on 2017-05-02 18:06:27
Zip Code (opt): 92007

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447. Name: Trish Vlastnik on 2017-05-02 18:07:36
Zip Code (opt): 92007

---

448. Name: Ingrid Rohmund on 2017-05-02 18:35:06

Zip Code (opt): 92007

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449. Name: Kurt Bueche on 2017-05-02 18:37:59
Zip Code (opt): 92007-1720

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450. Name: Christine Lingenfelter on 2017-05-02 18:45:48
Zip Code (opt): 92075

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451. Name: Elizabeth Bredeck on 2017-05-02 18:54:24
Zip Code (opt): 92024

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452. Name: Isabella Konold on 2017-05-02 19:07:22
Zip Code (opt): 92007

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453. Name: Esther Gehrig Elster on 2017-05-02 19:14:15
Zip Code (opt): California 92130

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454. Name: Tiffany Ferrara on 2017-05-02 19:41:43
Zip Code (opt): 92007

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455. Name: Allison Borts on 2017-05-02 20:09:39
Zip Code (opt): 92007

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456. Name: Parke Lupo on 2017-05-02 20:29:24
Zip Code (opt): 92075

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457. Name: Leah Levi on 2017-05-02 20:30:39
Zip Code (opt): 92007

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458. Name: Michael Sidebottom on 2017-05-02 20:32:49
Zip Code (opt): 92130

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459. Name: Tracey Macedo Thiede on 2017-05-02 21:05:13
Zip Code (opt): 92007

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460. Name: Marsha Montague on 2017-05-02 21:15:29
Zip Code (opt): 92008

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461. Name: Andrew on 2017-05-02 21:19:44
Zip Code (opt): 92024

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462. Name: Barry Knuttila on 2017-05-02 21:35:55

Zip Code (opt): 92007

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463. Name: Alex muller on 2017-05-02 21:40:10
Zip Code (opt): 92007

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464. Name: ryan mettee on 2017-05-02 21:44:32
Zip Code (opt): 92007

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465. Name: Ben Schrik on 2017-05-02 21:56:28
Zip Code (opt): 92024

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466. Name: Sarah Coleson on 2017-05-02 21:56:40
Zip Code (opt):

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467. Name: Karla Ogilvie on 2017-05-02 21:59:52
Zip Code (opt): 92024

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468. Name: Vince Fox on 2017-05-02 22:02:34
Zip Code (opt): 92024

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469. Name: Hartmut Loch on 2017-05-02 22:19:29
Zip Code (opt): 92009

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470. Name: Shannon prange on 2017-05-02 22:24:06
Zip Code (opt): 92024

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471. Name: chris mayne on 2017-05-02 22:29:43
Zip Code (opt):

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472. Name: Pamela Gandy on 2017-05-02 22:33:10
Zip Code (opt): 92024

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473. Name: edward marsh on 2017-05-02 22:41:29
Zip Code (opt): 92007

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474. Name: Kevin Dunn on 2017-05-02 22:45:11
Zip Code (opt): 92007

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475. Name: Embry Rucker on 2017-05-02 22:53:37
Zip Code (opt): 92024

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476. Name: Daniel Lowe on 2017-05-02 22:57:51

Zip Code (opt): 92024

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477. Name: Leigh Jones on 2017-05-02 23:17:38
Zip Code (opt): 92024

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478. Name: nancy bsharah on 2017-05-02 23:27:01
Zip Code (opt): 92024

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479. Name: Eve Simmons on 2017-05-02 23:32:19
Zip Code (opt): 92007

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480. Name: Lauren Andrus on 2017-05-02 23:36:52
Zip Code (opt):

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481. Name: Aaron Rabinowitz on 2017-05-03 00:08:08
Zip Code (opt):

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482. Name: Nancy Satur on 2017-05-03 01:02:42
Zip Code (opt): 92075

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483. Name: Mike Kirsch on 2017-05-03 01:21:44
Zip Code (opt): 92007

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484. Name: Craig bortman on 2017-05-03 01:24:35
Zip Code (opt): 92024

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485. Name: Michelle Walker on 2017-05-03 01:30:32
Zip Code (opt): 92007

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486. Name: Alison mundo on 2017-05-03 01:42:19
Zip Code (opt): 92007

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487. Name: Dana mcguire on 2017-05-03 01:59:41
Zip Code (opt): 92007

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488. Name: Sam Harwood on 2017-05-03 02:01:26
Zip Code (opt): 90504

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489. Name: Gus ballas on 2017-05-03 02:10:43
Zip Code (opt): 92024

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490. Name: Nancy L Andon on 2017-05-03 02:22:54

Zip Code (opt): 92007

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491. Name: Steven Pirie-shepherd on 2017-05-03 02:25:30
Zip Code (opt):

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492. Name: Brian on 2017-05-03 02:29:21
Zip Code (opt): 92007

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493. Name: Mai Jenkins on 2017-05-03 02:50:01
Zip Code (opt): 92007

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494. Name: Cal Himelright on 2017-05-03 03:17:37
Zip Code (opt):

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495. Name: Anne Fragasso on 2017-05-03 03:23:23
Zip Code (opt): 92024

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496. Name: Mike fordham on 2017-05-03 03:56:52
Zip Code (opt): 92007

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497. Name: Christina Solstad on 2017-05-03 04:04:30
Zip Code (opt): 92024

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498. Name: Greg Ford on 2017-05-03 04:07:55
Zip Code (opt): 92007

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499. Name: Deborah Drown on 2017-05-03 04:08:00
Zip Code (opt): 92007

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500. Name: Stephen beck on 2017-05-03 04:19:40
Zip Code (opt): 92101

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501. Name: JM La May on 2017-05-03 04:31:43
Zip Code (opt): 92007

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502. Name: Joleyne Lambert on 2017-05-03 04:55:25
Zip Code (opt): 92024

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503. Name: Chris Kimura on 2017-05-03 05:19:24
Zip Code (opt): 92007

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504. Name: Duessel Frank on 2017-05-03 05:45:57

Zip Code (opt):

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505. Name: Stacia Dawson on 2017-05-03 06:35:39
Zip Code (opt): 92024

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506. Name: MaryJo Wagner on 2017-05-03 06:50:02
Zip Code (opt): 92592

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507. Name: Kyle Baxley on 2017-05-03 08:07:17
Zip Code (opt):

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508. Name: Elena Thompson on 2017-05-03 13:41:33
Zip Code (opt):

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509. Name: Nancy Reed on 2017-05-03 13:42:30
Zip Code (opt): 92029

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510. Name: Delphine Cherewick on 2017-05-03 13:49:23
Zip Code (opt): 92007

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511. Name: Chad Hines on 2017-05-03 14:16:35
Zip Code (opt): 92007

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512. Name: Sean olsen on 2017-05-03 14:32:27
Zip Code (opt): 92007

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513. Name: Sarah Ostresh on 2017-05-03 14:32:47
Zip Code (opt): 92024

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514. Name: Judy Rosinack on 2017-05-03 14:49:03
Zip Code (opt): 92014

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515. Name: Hope Morris on 2017-05-03 14:51:41
Zip Code (opt): 92024

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516. Name: Meredith Priestley on 2017-05-03 14:56:31
Zip Code (opt): 92075

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517. Name: Ian hendries on 2017-05-03 15:36:24
Zip Code (opt):

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518. Name: kristin gresko on 2017-05-03 15:40:01

Zip Code (opt):

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519. Name: Kim Coolbaugh on 2017-05-03 16:22:48
Zip Code (opt): 92007

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520. Name: Susan Oswalt on 2017-05-03 16:26:05
Zip Code (opt): 92007

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521. Name: Marne moore on 2017-05-03 16:27:54
Zip Code (opt): 92024

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522. Name: Robert Leitner on 2017-05-03 16:31:57
Zip Code (opt): 92007

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523. Name: Thomas King on 2017-05-03 16:32:14
Zip Code (opt): 92075

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524. Name: Michael Zimber on 2017-05-03 16:32:42
Zip Code (opt):

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525. Name: Kevin Stock on 2017-05-03 16:32:56
Zip Code (opt): 92007

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526. Name: Grant on 2017-05-03 16:33:21
Zip Code (opt): 92007

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527. Name: Chloe rock on 2017-05-03 16:33:47
Zip Code (opt): 92024

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528. Name: Dave Stuempfig on 2017-05-03 16:34:07
Zip Code (opt): 92007

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529. Name: Brad webber on 2017-05-03 16:34:33
Zip Code (opt): 92007

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530. Name: lia friedman on 2017-05-03 16:38:23
Zip Code (opt): 92024

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531. Name: Allan Danto on 2017-05-03 16:40:39
Zip Code (opt): 92007

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532. Name: Debbie Conover on 2017-05-03 16:44:06

Zip Code (opt): 92024

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533. Name: matt on 2017-05-03 16:44:57
Zip Code (opt): 92007

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534. Name: Worth Archambault on 2017-05-03 16:47:31
Zip Code (opt): 92024

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535. Name: Matthew Carabia on 2017-05-03 16:49:14
Zip Code (opt): 92024

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536. Name: Ronald Johnson on 2017-05-03 16:51:57
Zip Code (opt): 92024

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537. Name: Sarah on 2017-05-03 16:54:59
Zip Code (opt): 92007

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538. Name: Haven Dunn on 2017-05-03 16:56:45
Zip Code (opt): 92024

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539. Name: Gretchen Dunn on 2017-05-03 16:57:54
Zip Code (opt): 92024

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540. Name: scott seine on 2017-05-03 17:01:49
Zip Code (opt): 92007

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541. Name: Casey Rubano on 2017-05-03 17:06:21
Zip Code (opt): 92024

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542. Name: Monique Leibee on 2017-05-03 17:06:40
Zip Code (opt): 92024

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543. Name: Hershell Price on 2017-05-03 17:11:46
Zip Code (opt): 92014

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544. Name: Patrick crilly on 2017-05-03 17:17:45
Zip Code (opt): 92024

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545. Name: Brock Tella on 2017-05-03 17:20:07
Zip Code (opt):

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546. Name: Paetyn Parman on 2017-05-03 17:21:41

Zip Code (opt):

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547. Name: Nick Marcum on 2017-05-03 17:25:45
Zip Code (opt): 92007

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548. Name: Kenzie Kerr on 2017-05-03 17:25:51
Zip Code (opt): 92007

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549. Name: David Larson on 2017-05-03 17:31:34
Zip Code (opt): 92024

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550. Name: Sandy jackd on 2017-05-03 17:33:04
Zip Code (opt): 92007

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551. Name: J mettee on 2017-05-03 17:34:09
Zip Code (opt): 92007

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552. Name: Greg Sauritch on 2017-05-03 17:36:11
Zip Code (opt): 92024

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553. Name: Nicholas Cordato on 2017-05-03 17:48:13
Zip Code (opt): 92007

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554. Name: Pia Musshafen on 2017-05-03 17:54:08
Zip Code (opt): 92007

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555. Name: Donna Butnik on 2017-05-03 17:54:38
Zip Code (opt): 92024

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556. Name: Daniel Kim on 2017-05-03 17:59:04
Zip Code (opt): 92007

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557. Name: Haley davern on 2017-05-03 18:03:08
Zip Code (opt): 92009

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558. Name: Patricia Louis on 2017-05-03 18:16:23
Zip Code (opt): 92024

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559. Name: Mary P Thomas on 2017-05-03 18:18:21
Zip Code (opt): 92024

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560. Name: Bob Serling on 2017-05-03 18:19:55

Zip Code (opt): 92007

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561. Name: Tyler Reid on 2017-05-03 18:23:41
Zip Code (opt): 92007

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562. Name: Chris Bauschka on 2017-05-03 18:28:23
Zip Code (opt): 92007

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563. Name: Cindy Minton on 2017-05-03 18:33:52
Zip Code (opt): 92007

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564. Name: Linda Lyerly on 2017-05-03 18:35:54
Zip Code (opt): 92007

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565. Name: Michele Van Houten on 2017-05-03 18:36:47
Zip Code (opt): 92024

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566. Name: Kris Powell on 2017-05-03 18:38:39
Zip Code (opt): 92007

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567. Name: Edward Slater on 2017-05-03 18:40:15
Zip Code (opt): 92007

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568. Name: Carina staerck on 2017-05-03 18:42:11
Zip Code (opt): 92007

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569. Name: joshua hunter on 2017-05-03 18:42:14
Zip Code (opt): 92024

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570. Name: Philip Graham on 2017-05-03 18:43:28
Zip Code (opt): 92024

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571. Name: Gunnar on 2017-05-03 18:46:11
Zip Code (opt):

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572. Name: James Dew on 2017-05-03 18:50:34
Zip Code (opt): 92024

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573. Name: Ann Bailey on 2017-05-03 18:58:55
Zip Code (opt): 92075

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574. Name: Maria Trezza on 2017-05-03 19:01:31

Zip Code (opt): 92075

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575. Name: Lynn Fleschutz on 2017-05-03 19:10:53
Zip Code (opt): 92007

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576. Name: Jim Tyler on 2017-05-03 19:12:55
Zip Code (opt): 92024

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577. Name: Erik Humphrey on 2017-05-03 19:24:29
Zip Code (opt): 92024

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578. Name: Kathy Lopez on 2017-05-03 19:29:52
Zip Code (opt): 92024

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579. Name: Tracy Vandenbroeke on 2017-05-03 19:40:42
Zip Code (opt): 92007

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580. Name: Carter Johnson on 2017-05-03 19:46:33
Zip Code (opt): 92024

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581. Name: Marcel fuentes on 2017-05-03 19:48:44
Zip Code (opt): 92024

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582. Name: James BLACK on 2017-05-03 19:49:08
Zip Code (opt): 92007

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583. Name: Paul Halen on 2017-05-03 20:08:35
Zip Code (opt): 92007

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584. Name: Matthew Munz on 2017-05-03 20:20:09
Zip Code (opt): 92007

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585. Name: Vincent Tessieri on 2017-05-03 20:21:13
Zip Code (opt): 92007

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586. Name: Erika Daniels on 2017-05-03 20:23:14
Zip Code (opt): 92007

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587. Name: Jennifer Seine on 2017-05-03 20:25:27
Zip Code (opt): 92007

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588. Name: Megan Pynes on 2017-05-03 20:30:25

Zip Code (opt): 92007

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589. Name: Erin McPeak on 2017-05-03 20:31:34
Zip Code (opt): 92007

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590. Name: Krista Gates on 2017-05-03 20:32:43
Zip Code (opt): 92024

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591. Name: Johannah Leffingwell on 2017-05-03 20:49:18
Zip Code (opt): 92007

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592. Name: Jamie Pemble on 2017-05-03 20:49:22
Zip Code (opt):

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593. Name: Levy Ruth on 2017-05-03 20:53:40
Zip Code (opt): 92007

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594. Name: Emily Kennedy on 2017-05-03 20:55:07
Zip Code (opt): 92007

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595. Name: john e jessick on 2017-05-03 21:09:49
Zip Code (opt): 92010

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596. Name: olivia colman on 2017-05-03 21:11:19
Zip Code (opt):

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597. Name: James Bailey on 2017-05-03 21:24:33
Zip Code (opt): 92075

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598. Name: Tracy Stottlemyer on 2017-05-03 21:29:27
Zip Code (opt): 92024

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599. Name: Jerry Peters on 2017-05-03 21:32:59
Zip Code (opt):

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600. Name: Kathy Klossner on 2017-05-03 21:39:32
Zip Code (opt): 92007

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601. Name: mark owen on 2017-05-03 21:42:06
Zip Code (opt): 92007

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602. Name: Mitchell Clarke on 2017-05-03 21:44:15

Zip Code (opt): 92007

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603. Name: Carolyn McClain on 2017-05-03 21:45:45
Zip Code (opt): 92007

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604. Name: Adrianne Smith on 2017-05-03 21:54:41
Zip Code (opt): 92024

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605. Name: Barbara Bates on 2017-05-03 22:01:48
Zip Code (opt):

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606. Name: Justin Bates on 2017-05-03 22:03:08
Zip Code (opt):

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607. Name: Amy Jarrah on 2017-05-03 22:06:29
Zip Code (opt): 92024

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608. Name: Mark Kleckner on 2017-05-03 22:19:40
Zip Code (opt): 92007

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609. Name: evelyn orley on 2017-05-03 22:23:43
Zip Code (opt): 92007

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610. Name: Eric Leitstein on 2017-05-03 22:29:48
Zip Code (opt): 92024

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611. Name: Stephen Hughes on 2017-05-03 22:30:36
Zip Code (opt): 92007

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612. Name: chris goldsmith on 2017-05-03 22:30:52
Zip Code (opt): 92007

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613. Name: dana rubano on 2017-05-03 22:34:46
Zip Code (opt): 92024

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614. Name: Caryn Hall on 2017-05-03 22:38:44
Zip Code (opt): 92024

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615. Name: David Jensen on 2017-05-03 22:46:42
Zip Code (opt): 92007

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616. Name: Lauren on 2017-05-03 22:49:25

Zip Code (opt): 92024

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617. Name: Maureen Moss on 2017-05-03 22:51:19
Zip Code (opt): 92007

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618. Name: Fred McClain on 2017-05-03 22:53:44
Zip Code (opt): 92007

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619. Name: Jerry Peters on 2017-05-03 23:11:15
Zip Code (opt): 92007

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620. Name: Mary Deborah Lefevre on 2017-05-03 23:11:53
Zip Code (opt): 92007

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621. Name: Tiffany Jonea on 2017-05-03 23:18:09
Zip Code (opt): 92007

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622. Name: cindy henderson on 2017-05-03 23:21:27
Zip Code (opt):

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623. Name: JAQUELIN Pearson on 2017-05-03 23:23:25
Zip Code (opt): 92007

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624. Name: Paul Halen on 2017-05-03 23:31:50
Zip Code (opt): 92007

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625. Name: Mark Foreman on 2017-05-03 23:43:36
Zip Code (opt):

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626. Name: john oeth on 2017-05-03 23:47:15
Zip Code (opt): 92007

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627. Name: Jon foreman on 2017-05-03 23:53:37
Zip Code (opt):

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628. Name: Meghan Tudor on 2017-05-03 23:55:40
Zip Code (opt): 92024

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629. Name: Suzanne Gere on 2017-05-04 00:07:12
Zip Code (opt): 92007

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630. Name: Brian conway on 2017-05-04 00:28:32

Zip Code (opt): 92024

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631. Name: Chris olivas on 2017-05-04 00:37:10
Zip Code (opt): 9200$

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632. Name: Jacques Cherewick on 2017-05-04 00:42:19
Zip Code (opt): 92007

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633. Name: Robert Marmorstein on 2017-05-04 00:48:50
Zip Code (opt): 92007

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634. Name: Deirdre Sweet on 2017-05-04 01:00:17
Zip Code (opt): 92007

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635. Name: Bear scharbarth on 2017-05-04 01:03:39
Zip Code (opt): 92024

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636. Name: Alicia cashman on 2017-05-04 01:19:53
Zip Code (opt): 92009

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637. Name: Mary Halen on 2017-05-04 01:21:41
Zip Code (opt): 92007

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638. Name: Jenny on 2017-05-04 01:21:50
Zip Code (opt): 92024

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639. Name: MARY JO REDMAN on 2017-05-04 01:37:36
Zip Code (opt): 92007

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640. Name: Anna Kristin Sanders on 2017-05-04 01:38:39
Zip Code (opt): 92007

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641. Name: Michael foyle on 2017-05-04 01:45:50
Zip Code (opt): 92007

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642. Name: Deb Hubers on 2017-05-04 01:48:40
Zip Code (opt): 92075

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643. Name: Janet dunlap on 2017-05-04 01:49:06
Zip Code (opt): 92007

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644. Name: Krissy Snyder on 2017-05-04 02:06:04

Zip Code (opt):

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645. Name: Levi Dula on 2017-05-04 02:06:38
Zip Code (opt): 92007

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646. Name: Craig Davidson on 2017-05-04 02:40:00
Zip Code (opt): 92007

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647. Name: Cydney Melton on 2017-05-04 02:42:51
Zip Code (opt): 92007

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648. Name: Christopher O'Callaghan on 2017-05-04 02:43:09
Zip Code (opt): 92008

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649. Name: Mike granieri on 2017-05-04 02:45:19
Zip Code (opt): 92007

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650. Name: Erin on 2017-05-04 03:10:14
Zip Code (opt): 92024

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651. Name: Josephine colvin on 2017-05-04 03:13:24
Zip Code (opt): 92007

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652. Name: Bruce Beare on 2017-05-04 03:14:32
Zip Code (opt): 92007

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653. Name: Pam Kyle on 2017-05-04 03:23:45
Zip Code (opt): 92007

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654. Name: Nathaniel Glass on 2017-05-04 03:32:55
Zip Code (opt): 92007

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655. Name: John Beliveau on 2017-05-04 03:40:02
Zip Code (opt): 92007

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656. Name: Kelly Hughes on 2017-05-04 03:46:20
Zip Code (opt): 92007

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657. Name: Shari Barman on 2017-05-04 03:53:00
Zip Code (opt): 92007

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658. Name: elaine martin on 2017-05-04 03:54:04

Zip Code (opt): 92007

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659. Name: Susan Shenkal on 2017-05-04 04:00:50
Zip Code (opt): 92007

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660. Name: Kyle Aeberli on 2017-05-04 04:10:25
Zip Code (opt): 92007

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661. Name: Tessa Gehlsen on 2017-05-04 04:18:25
Zip Code (opt): 92024

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662. Name: Conrad baumgartner on 2017-05-04 04:32:58
Zip Code (opt): 92007

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663. Name: Petra on 2017-05-04 04:46:35
Zip Code (opt): 92037

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664. Name: Jim Bunch on 2017-05-04 04:55:19
Zip Code (opt): 92007

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665. Name: Cheryl gillett on 2017-05-04 05:05:58
Zip Code (opt): 92024

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666. Name: KEL on 2017-05-04 05:18:10
Zip Code (opt):

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667. Name: Suzann Lennox on 2017-05-04 05:31:18
Zip Code (opt): 92007

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668. Name: Josephine Bosserman on 2017-05-04 05:33:05
Zip Code (opt):

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669. Name: Matthew Lawson on 2017-05-04 05:37:07
Zip Code (opt):

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670. Name: Matt Lawson on 2017-05-04 05:38:42
Zip Code (opt):

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671. Name: Katrina Klawiter on 2017-05-04 12:06:33
Zip Code (opt):

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672. Name: Kat on 2017-05-04 12:07:14

Zip Code (opt):

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673. Name: Paul Rosinack on 2017-05-04 13:07:11
Zip Code (opt): 92014

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674. Name: Lynette rivers on 2017-05-04 13:21:03
Zip Code (opt): 92007

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675. Name: Stephen Pecoraro on 2017-05-04 13:21:46
Zip Code (opt): 92007

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676. Name: Kaylee Flanagan on 2017-05-04 13:41:52
Zip Code (opt): 98105

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677. Name: Ann Heizer on 2017-05-04 13:47:41
Zip Code (opt): 92054

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678. Name: Grace Hodge on 2017-05-04 14:07:16
Zip Code (opt):

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679. Name: LeAnn Cassaday on 2017-05-04 14:08:06
Zip Code (opt): 92024

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680. Name: Jody Fletcher on 2017-05-04 14:21:06
Zip Code (opt): 92007

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681. Name: Grant Sheppard on 2017-05-04 14:24:07
Zip Code (opt): 92007

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682. Name: Jane Stratton on 2017-05-04 14:24:07
Zip Code (opt): 92007

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683. Name: Jimmy Hines on 2017-05-04 14:37:39
Zip Code (opt): 92007

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684. Name: Nicole Burgess on 2017-05-04 14:38:54
Zip Code (opt): 92107

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685. Name: Ronald Strother on 2017-05-04 14:52:57
Zip Code (opt): 92007

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686. Name: yuval shenkal on 2017-05-04 14:59:12

Zip Code (opt): 92007

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687. Name: Tina keran on 2017-05-04 15:02:07
Zip Code (opt): 92007

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688. Name: Shauna on 2017-05-04 15:12:13
Zip Code (opt): 92007

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689. Name: Dave Horstmann on 2017-05-04 15:50:10
Zip Code (opt): 78753

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690. Name: Charles j mundo on 2017-05-04 15:54:15
Zip Code (opt): 92024

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691. Name: Patrick Hennessey on 2017-05-04 16:09:30
Zip Code (opt):

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692. Name: Julia on 2017-05-04 16:10:11
Zip Code (opt): 92007

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693. Name: stacie Revell-Greene on 2017-05-04 16:25:25
Zip Code (opt): 92007

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694. Name: Bill Pultz on 2017-05-04 16:26:03
Zip Code (opt): 92007

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695. Name: Helen Oesterheld on 2017-05-04 16:39:23
Zip Code (opt): 92007

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696. Name: Dylan Lawson on 2017-05-04 16:40:36
Zip Code (opt): 92007

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697. Name: Marianne Shamlou on 2017-05-04 16:55:07
Zip Code (opt): 92024

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698. Name: Brian Renteria on 2017-05-04 17:24:50
Zip Code (opt): 92007

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699. Name: Paul Myers on 2017-05-04 17:28:07
Zip Code (opt): 92024

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700. Name: Myra Beare on 2017-05-04 17:32:51

Zip Code (opt): 92007

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701. Name: Megan Burns on 2017-05-04 17:34:59
Zip Code (opt): 92007

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702. Name: John Aldo Lamberti on 2017-05-04 17:36:06
Zip Code (opt): 92103

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703. Name: Aliena Debelak on 2017-05-04 17:37:56
Zip Code (opt): 80209

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704. Name: JJ Blaschke on 2017-05-04 17:42:46
Zip Code (opt): 90066

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705. Name: Sarah Butler on 2017-05-04 17:44:22
Zip Code (opt):

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706. Name: Brendan Pittman on 2017-05-04 17:49:59
Zip Code (opt): 94606

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707. Name: Zach Bandler on 2017-05-04 17:50:10
Zip Code (opt): 90069

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708. Name: Matthew Barre on 2017-05-04 19:14:09
Zip Code (opt): 92007

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709. Name: Kellie Hinze on 2017-05-04 19:20:11
Zip Code (opt): 92024

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710. Name: Bob Ramsey on 2017-05-04 19:25:45
Zip Code (opt): 92024

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711. Name: natalie fitch on 2017-05-04 19:29:21
Zip Code (opt): 92024

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712. Name: Mary Alice Cusentino on 2017-05-04 19:50:13
Zip Code (opt): 92007

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713. Name: Kane Thiede on 2017-05-04 19:54:23
Zip Code (opt): 92007

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714. Name: Natalie Young on 2017-05-04 20:15:01

Zip Code (opt): 92007

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715. Name: Patricia Crowe on 2017-05-04 20:18:34
Zip Code (opt): 92024

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716. Name: Susan Schein on 2017-05-04 20:31:19
Zip Code (opt): 92007

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717. Name: Alex Neal on 2017-05-04 20:42:19
Zip Code (opt): 92007

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718. Name: Chase Bahne on 2017-05-04 21:33:42
Zip Code (opt): 92007

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719. Name: paul lopez on 2017-05-04 21:34:18
Zip Code (opt):

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720. Name: Kate Adler on 2017-05-04 22:45:32
Zip Code (opt):

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721. Name: Chris on 2017-05-04 23:15:45
Zip Code (opt): 92007

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722. Name: Kendra Miller on 2017-05-05 00:22:15
Zip Code (opt): 92024

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723. Name: Ray Savage on 2017-05-05 01:16:18
Zip Code (opt): 92024

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724. Name: Madeline Thunder on 2017-05-05 02:30:56
Zip Code (opt): 92007

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725. Name: Christy English on 2017-05-05 02:50:40
Zip Code (opt): 92024

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726. Name: Damian Drum on 2017-05-05 03:19:58
Zip Code (opt): 92075

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727. Name: Walter Downarowicz on 2017-05-05 04:05:08
Zip Code (opt): 92007

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728. Name: Gary Sowell on 2017-05-05 04:17:14

Zip Code (opt): 92024

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729. Name: Suki Berry on 2017-05-05 04:21:22
Zip Code (opt): 92024

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730. Name: Chad Willkie on 2017-05-05 04:31:02
Zip Code (opt): 92007

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731. Name: Paige Kutilek on 2017-05-05 04:32:20
Zip Code (opt): 94121

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732. Name: Stephanie Cigna on 2017-05-05 04:43:20
Zip Code (opt): 93117

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733. Name: Chris Gallagger on 2017-05-05 04:54:44
Zip Code (opt): 92007

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734. Name: Ray on 2017-05-05 04:54:56
Zip Code (opt): 92014

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735. Name: Julie sleight on 2017-05-05 05:01:00
Zip Code (opt):

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736. Name: margaret miller on 2017-05-05 05:27:54
Zip Code (opt):

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737. Name: Karen Braun on 2017-05-05 06:39:22
Zip Code (opt): 92024

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738. Name: Renée on 2017-05-05 08:58:37
Zip Code (opt): 92007

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739. Name: Cari McClemons on 2017-05-05 14:19:08
Zip Code (opt):

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740. Name: Dennis Herrick on 2017-05-05 14:23:30
Zip Code (opt): 92007

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741. Name: Elliot Nelson on 2017-05-05 15:11:08
Zip Code (opt): 53703

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742. Name: James Spawton on 2017-05-05 15:39:00

Zip Code (opt): 92009

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743. Name: Shawn Shamlou on 2017-05-05 15:48:46
Zip Code (opt): 92007

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744. Name: anita knight on 2017-05-05 18:22:50
Zip Code (opt): 92014

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745. Name: laura mann on 2017-05-05 20:14:07
Zip Code (opt): 92007

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746. Name: jayne Haines on 2017-05-05 23:38:46
Zip Code (opt): 92014

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747. Name: Patty Johnson on 2017-05-06 00:14:07
Zip Code (opt):

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748. Name: Lucinda Beck on 2017-05-06 03:48:41
Zip Code (opt): 92024

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749. Name: Andy Hetzel on 2017-05-06 15:13:54
Zip Code (opt): 92007

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750. Name: karen dula on 2017-05-06 19:47:37
Zip Code (opt): 92007

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751. Name: Lenny Jones on 2017-05-06 21:19:45
Zip Code (opt): 92024

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752. Name: Ilea Harrington on 2017-05-06 21:42:57
Zip Code (opt): 92007

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753. Name: Allen Schoffstall on 2017-05-06 22:42:39
Zip Code (opt): 92311

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754. Name: Justin Marlett on 2017-05-07 02:01:40
Zip Code (opt): 92024

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755. Name: Kathleen R Seemann on 2017-05-07 04:12:06
Zip Code (opt):

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756. Name: Lisa Kennedy on 2017-05-07 05:36:11

Zip Code (opt): 92007

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757. Name: Donna Eckert on 2017-05-07 13:03:14
Zip Code (opt): 92101

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758. Name: Stephanie Wells on 2017-05-07 13:56:27
Zip Code (opt):

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759. Name: Patti Moulds on 2017-05-07 14:01:09
Zip Code (opt): 92024

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760. Name: Adam Gray on 2017-05-07 14:34:49
Zip Code (opt): 92007

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761. Name: Kelley Bruemmer on 2017-05-07 14:55:26
Zip Code (opt):

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762. Name: David Deioma on 2017-05-07 15:35:31
Zip Code (opt): 94931

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763. Name: Jill Stanley on 2017-05-07 16:36:47
Zip Code (opt):

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764. Name: Debra on 2017-05-07 16:40:02
Zip Code (opt): 92007

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765. Name: Cliff Kinney on 2017-05-07 16:51:16
Zip Code (opt): 92014

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766. Name: kristin m bell on 2017-05-07 17:54:57
Zip Code (opt): 92024

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767. Name: Anne Woodall on 2017-05-07 18:01:04
Zip Code (opt): 92028

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768. Name: Carrie jerhoff on 2017-05-07 18:01:48
Zip Code (opt): 92024

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769. Name: Ted Graham on 2017-05-07 18:52:49
Zip Code (opt): 92024

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770. Name: Katherine Graham on 2017-05-07 18:56:02

Zip Code (opt): 92024

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771. Name: Erika von Taube on 2017-05-07 19:12:10
Zip Code (opt): 92014

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772. Name: Denise litt on 2017-05-07 19:29:40
Zip Code (opt): 92024

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773. Name: Robin Gallagher on 2017-05-07 19:35:27
Zip Code (opt): 92007

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774. Name: Amand Neiley on 2017-05-07 20:47:48
Zip Code (opt): 92007

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775. Name: Brian Stone on 2017-05-07 21:08:25
Zip Code (opt): 92078

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776. Name: Carol Stone on 2017-05-07 21:31:03
Zip Code (opt):

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777. Name: Ralph Funicello on 2017-05-07 22:03:59
Zip Code (opt): 92024

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778. Name: Donald Jones on 2017-05-07 22:35:56
Zip Code (opt): 92007

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779. Name: Jeffrey Anshel on 2017-05-07 22:36:52
Zip Code (opt): 92024

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780. Name: Kenneth Konecoff on 2017-05-07 22:49:45
Zip Code (opt): 92007

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781. Name: BK Gregory on 2017-05-07 22:50:10
Zip Code (opt):

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782. Name: Mike Bradley on 2017-05-07 22:55:02
Zip Code (opt):

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783. Name: Peggy French on 2017-05-07 22:55:07
Zip Code (opt): 92007

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784. Name: Lance Cummings on 2017-05-07 22:55:10

Zip Code (opt): 92007

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785. Name: Lauren Mizar on 2017-05-07 22:55:13
Zip Code (opt): 92007

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786. Name: Laura Basacchi on 2017-05-07 23:03:26
Zip Code (opt): 92007

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787. Name: K c on 2017-05-07 23:03:41
Zip Code (opt): 92111

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788. Name: Liz Fautsch on 2017-05-07 23:13:37
Zip Code (opt): 92024

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789. Name: Irene Kratzer on 2017-05-07 23:19:49
Zip Code (opt): 92007

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790. Name: Virginia on 2017-05-07 23:21:14
Zip Code (opt): 92007

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791. Name: alison a on 2017-05-07 23:21:27
Zip Code (opt): 92007

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792. Name: Jeff Olsen on 2017-05-07 23:23:11
Zip Code (opt): 92024

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793. Name: Aaron Roslie on 2017-05-07 23:36:47
Zip Code (opt): 92024

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794. Name: Fran Marsh on 2017-05-07 23:42:44
Zip Code (opt):

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795. Name: Lenore Caffey on 2017-05-07 23:57:38
Zip Code (opt): 92007

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796. Name: christina Zeller on 2017-05-08 00:00:16
Zip Code (opt): 92024

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797. Name: Nancy Shah on 2017-05-08 00:07:11
Zip Code (opt): 92075

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798. Name: Amanda Scerni on 2017-05-08 00:09:13

Zip Code (opt): 92007

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799. Name: Paul D Smith PT DPT on 2017-05-08 00:17:27
Zip Code (opt): 93730

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800. Name: Marcos ortega on 2017-05-08 00:17:53
Zip Code (opt): 92130

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801. Name: Lisa Bostick on 2017-05-08 00:29:04
Zip Code (opt): 92007

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802. Name: Robert Chandler on 2017-05-08 00:38:39
Zip Code (opt): 92075-1548

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803. Name: Susie Burns on 2017-05-08 01:00:23
Zip Code (opt): 92024

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804. Name: Megan Hoover on 2017-05-08 01:04:22
Zip Code (opt): 92007

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805. Name: Mary Kearins on 2017-05-08 01:07:25
Zip Code (opt):

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806. Name: Paul Rodeno on 2017-05-08 01:15:44
Zip Code (opt): 92024

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807. Name: Heidi Welsh on 2017-05-08 01:49:36
Zip Code (opt): 92024

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808. Name: Lisa on 2017-05-08 01:57:25
Zip Code (opt): 92007

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809. Name: Harriet Seldin on 2017-05-08 02:23:18
Zip Code (opt): 92024

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810. Name: Melissa ward on 2017-05-08 03:00:50
Zip Code (opt): 92057

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811. Name: Ian on 2017-05-08 03:50:42
Zip Code (opt):

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812. Name: Pauline lucas on 2017-05-08 04:04:01

Zip Code (opt): 92024

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813. Name: Rebeccca Rudderow on 2017-05-08 04:16:11
Zip Code (opt): 92007

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814. Name: Isaac maquet on 2017-05-08 05:32:15
Zip Code (opt): 92024

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815. Name: Tawn Babcock on 2017-05-08 05:39:26
Zip Code (opt): 92024

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816. Name: Linda Grimes on 2017-05-08 12:46:06
Zip Code (opt): 92075

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817. Name: Michael Girello on 2017-05-08 12:48:54
Zip Code (opt):

CoastalNCCPWP

From: chris swanner <chrisswanner@gmail.com>
Sent: Friday, May 05, 2017 1:16 PM
To: Buhr, Gabriel@Coastal
Cc: Julie Thunder; Ed Thielicke; Rich Risner
Subject: Encinitas Rail Trail Community comments
Attachments: Encinitas Stakeholders and map comments 4-21-15.pdf; NCC PWP Comments 020516 Combined.pdf; 2016-01-26 18.02.23.jpg

Dear Mr. Buhr,

After reading the staff report I have decided to send you the Community comments from the different community meetings put on by SANDAG. These comments should of been included in the Staff report as they are from meetings that were designed to get a feel for the project (East side Alignment) from the community. Why weren't they????

1. I direct you to attachment Encinitas Stakeholders and map comments 4-21-15.pdf. SANDAG held this first community meeting at Cardiff school on 4-21-2015 to promote the East side Rail Trail Project. A simple comments sheet was displayed asking if you are Neutral (17) Positive (9) or Negative (26) on the East side alignment. This is a 3 to 1 ratio against the eastern alignment.

It was clear that night that the citizens overwhelmingly did not want the East side alignment and the night the group NO Rail Trail was formed.

2. I direct you to attachment NCC PWP Comments 020516 Combined.pdf 1-26-17. SANDAG hosted a Public Hearing on the PWP plan for the Eastern alignment.

Again, a comments sheet was asked to be filed out. 11 pages, 51 comments against the Eastern alignment, 10 comments for it. This is a 5 to 1 ratio against the Eastern alignment.

3. Attachment 2016-01-26 18.02.23.jpg is the No Rail Trail demonstration against the Eastern Alignment at NCC PWP meeting 1-26-17.

It couldn't be more clear our community does not want Staff's eastern alignment alternative.

Best Regards,

Chris Swanner,

Preserve Cardiff Rail Corridor
Like us on FB @preserveCRC
Tweet with us @preserveCRC
preservecardiffrailcorridor.com
coastalrailtrail@gmail.com
760-310-6366

Encinitas Coastal Rail Trail - E Street to Chesterfield Drive Segment
Comments transcribed from Draft Corridor Maps presented at April 21, 2015 Community Meeting and Cardiff Elementary School

Neutral	Positive	Negative
		Discourage Crossing East across San Elijo along Chesterfield Drive (by the 7-11 Bridge at Chesterfield underground tracks
	Build within what you have budgeted. Don't choose a plan you have no money for. Complete the Project	
		End of path could be a more civic moment
	Let's get it done!	
		Want more connection from path to birmingham Put Bridge from Birmingham to 101 Where is Leucadia Plan, Don't forget us! Connection to from all streets?
Control Dust and Organize parking along San Eligo West Side		
		Make sure the cross walk is at grade
add a crossing at montgomery to the beach Area west of the path should be cut off with a fence Is it possible to create a bike parking lot, tables and space for a kiosk to sell juices, fruit, water wtc with views here? Concession revenue could help fund maintenance, trash pick up etc. (just south of the split between bike and walking paths)		
		On West add raised barriers between walkers and bikers and bikers and cars. Do same on San Elijo. Consider Safety!
		Shared walkers and bikes are not safe for the walkers nor sharing bikes and cars. Dedicate one bike lane south and one bike lane north
More landscape buffer between bike path and car Could we have a 4" high concrete barrier between the bike path and the road traffic (see carlsbad)		
		Too long a stretch of trail without connection to east homes and roadways!
Stay on 101. Add berms to protect bikes from traffic and bikes from walkers. Add a walking path with Berm on San Eligjo		
		Let's restripe 101. No need to increase shared path. (unless budget allows)
To protect bikers, could 4" concrete barriers be added (not tall but enough to deter cars from hitting bikers) At intersection of San Elijo and Santa Fe Drive: is this to be signalized? Will right turn be prohibited		
New CRT on one side only in downtown How do you access the trail from Vulcan st?		
		A tral should be DG or something, less formal than asphalt
add a bump or curb to protect riding families from the cars		
On South Vulcan Ave south of F street: what about a bike rental concession here for visitors? Concession revenues to fund maintenance and cleaning		
		On general imabe of road seperation design: need path here for strollers/walkers can there be a curve instead of a line to make the biker or walker feel more safe Do not eliminate any parking where F street and Vulcan meet

Continuation of comments from second map

At intersection of Vulcan and D St.: Bike boxes are experiemntal! Will there be sight enforcement for no right turn on to D

Cost should not be the main factor. Safety and Public service should.

developers who build 100+ units or empty 100+ people should pay for public transit

We need to plan how to fet to Solana Beach off of 101. Bike paath neds to be safe in lagoon.

Need designated bike turn lane from chesterfield

Bike path to Solana Beach needs planning. Must be in lagoon - not on 101!

I don't see a good way for cyclists to go from San Elijo to 101 southbound or to SE Northbound

Increasing foot traffic on Chesterfield would increase accidents and liability

Love this section (intersection on Chesterfield between San Elijo and 101.

NO crosswalk on chesterfield over san elijo by 7-11

Cut 101 down to 1 lane and expand bike lanes

make the pathway straight instead of curvy - cheaper and more efficent

At which point would an above ground skywalk be installed?

East option is Best

most safe and most pleasant is in tran right of way. This really encourages all riders

Vulcan is best option to increase bikes to school and between Cardiff Extension

Lossan Report/Birmingham Drive

Surfers will miss parking on Southbound 101

Why is there no crossing north of intersection with birmingham drive

Do it now!

Where is Leucadia?

East of the tracks is best option for kids and families. Fast Riders never use separate pathways

East track allows kids to access cardiff schools on bikes/walking (cuts connection)

Why no stop sign at Montgomery?

add crossing at montgomery to the beach

The soultion we may be looking for is a multi-use trail/sidewalk similar to the 101 but something that dosen't consitute a fence

Fence separate our community.

Narrow 101

Where do most surfers cross?

Simple fix for Vulcan is bike lanes on 101

Drivers hate sharrows and bikes. The pass real clase and cut close, even with double line (two more added agree in support of this)

Keep trail on East side

Leave 101 just like it is - bieks use it if not concerned about traffic

East Side: walk to school, walk to restaurants, walk to market

keep bike path separate on rail right of way

As a resident on San Elijo Ave, I am a propnent of the East Side of the track bicycle option. It will provide a much needed safe walking and biking option

Put Path on 101

If we are serious about safety lets do traffic calming on San Elijo

There is no room for path here

One lane would be fantastic (on 101)
One lane on SB101 is better

One lane on PCH would change the character of cardiff completely

A 3 ft wall would completely alter/block the view
16 feet seems a bit much for the west side additional path way for walkers
Confused about a bike a pedestrian lane and just a bike lane on 101

On S. Vulcan Ave: where are the Pedestrians walking?
A permanent detour is unacceptable

Do it now!

Public Comments from North Coast Corridor Public Works Plan/Transportation and Resource Enhancement Program Amendment Public Hearing – Tuesday, January 26, 2016.

I represent the Sun Valley Home Owners Association. Phase 1 enhancement and the associate amendments effects the area of our homeowners association. Please list us as an interested party. Two issues come to mind: 1) your amendment regarding the lighting negatively impacts our Dark Sky Policy. 2) your intent to pave the trails with AC is not in compliance with our community character.
The plan for the Encinitas segment of the Coastal Rail Trail for bike and pedestrians is a good thing. We should do it even if there is vocal minority opposition. Can the fence along the railroad track be like that in San Clemente? It allows good pedestrian access to the beach.
The Phase 1 overpass improvements planned for Encinitas Blvd and Santa Fe Drive are a good thing. The sooner the better. We needs safe routes for pedestrians and bikes.
This rail trail and fence project is poorly designed and ill conceived. You have not listened to the actual homeowners and locals. Your plan is to fence us in and destroy the beautiful nature landscape. The fences will end up with broken sections and not stop people from crossing. The underground at Montgomery was the right way and now you're band-aiding it with an at level crossing, so increasing the noise pollution. What's the big rush?
I am not in favor of this project. Walking along the existing dirt trail and not having to climb over a fence to get to the beach makes where I like in Cardiff feel special-NOT paved over and fenced off. Spend our money on something more important.
Please do not pour concrete along our beautiful coastal parts. Cardiff is beautiful for its natural beauty. We don’t need fences, other than what is already there. Use the 101 bike path and walkway that is already there.
I am president of the Homeowner's Association on San Elijo Ave. Our homeowners and residents object to the loss of parking on the west side of San Elijo, to the destruction of the natural bluff area and to the addition of an at-grade crossing (this city should never add another at-grade crossing, they should be acting to reduce the impact of the train, not increase them) and finally, to the excess of public funds used to relocate bike and pedestrian traffic onto the east side of the railway. The rail should be used west of the 101.
We do not want the rail trail in Cardiff! We love where we live as is. We have a perfectly fine walking trail that already exists west of the 101. Why are you going to destroy the last natural part of our community that we LOVE so much?! If we wanted a new walkway made of concrete and a train crossing and shared path, we would live somewhere that already has that. Listen to the community. Listen to the voters. Listen to the people who live here and walk the natural trail daily. There is NO NEED for change and wasting tax-payer dollars on this.

I've lived in Encinitas my entire life since the mid 80's and have enjoyed the natural beauty of our coastline without fences or unnecessary construction. The rail trail should simply run along the existing bike/walking area along 101. We've all enjoyed stopping along the cliff between Swamis and Cardiff to watch the sunset and I couldn't imagine having a fence blocking the entire view of the ocean. The natural dirt trail that runs the distance from swamis to Cardiff is perfect as is. We have enough concrete in Encinitas!! We need to preserve what's left of our natural areas. Over 95% of the people that I've spoken to are opposed to this and I don't understand why the community is not getting what it wants, especially considering it's being paid for by the community.
The coastal rail trail proposed development of SE Ave. is an important topic to address to the community. Too many voices have not been heard. This development will benefit so few and upset so many. I have had so many memories growing up in Encinitas watching sunsets with my family and friends in one of the last untouched areas of my hometown. Please consider those that will influence the most, the locals, rather than those just passing through! The dollars that will go to ruining the environment on San Elijo Ave, versus reconstructing coast hwy just seems ridiculous and a poor use of money. Nearly everyone that I have spoken to, while enjoying the area, has NO idea of this proposal, and I think that is extremely unfair to the thousands that enjoy this at a recreation/leisure zone. PLEASE understand that too many people don't know about this proposed project. This means the world to me. A LOCAL. Hear our plea.
I don't feel a strong need for this project. However, if it will assist the preservation and enhancement of the San Elijo Lagoon, I would support it. It's really important to me that the lagoon remain dark at night. It is an amazing nocturnal space for animals and allows humans to enjoy the night sky in a way unlike any other urban area. I hope the bike trail is not lit at night. I also don't necessarily value a paved trail over a natural one. It's hard to see the iconic bridges go, but that may be necessary to improve the tidal flow. The construction period sounds miserable. Please put up soundwalls first!
I am opposed to the proposal rail trail. I have been a Cardiff resident since 1974 and have walked on the trail, as is, for years. I love the feel of walking in a "natural" environment. The proposed rail trail will destroy our quiet community. We already have a "rail trail" on highway 101. With some foresight, that trail can be improved for less money to accommodate both walkers and bikers.
Rail trail in Cardiff: I do not think that the rail trail is a good idea. I walk this path at least four times a week for my daily walks. We currently have a bike/walking path through Encinitas and along the coast to Chesterfield St. and beyond to Cardiff State Beach. There is no purpose served in building another trail for the following reasons: Create another separation between the town and coast, 2. waste of money when the existing 101 bike/walking trail could be enhanced. 3. existing 101 path through old Encinitas helps the merchants. 4) Other towns have well integrated bike/walking path through town. 5) The proposed trail is not in the character of the community - since I walk this trail a cleaned up walking trail is all that is needed.
NO rail trail east of railroad tracks. Put the trail on the 101. Do NOT pave our remaining coastal habitat east of the railroad tracks. Do NOT reduce beach access or beach parking. Save the native plants in rail corridor.

I love the railroad underpass (newish one) in Encinitas. Would love more - great for families! Safety is a concern for me along Encinitas Blvd and Santa Fe Drive, under freeway. I fear for pedestrian and cyclists. Support improvements for pedestrians. I also think Encinitas could use more traffic calming measures, such as signs that show motorists speed and let them know when to slow down.
What are plans for sound walls on the west side of I-5 between Requeza ave and Melba Rd.? Actually, in front of my residence.
I was devastated to learn of the plan to pave over to coastal rail trail. This effects my everyday life. Every day, I enjoy a quiet natural walk with my two dogs along this natural path. The thought of paving this over really breaks my heart and the thought of a parking lot at Montgomery Ave disgusts me. There are plenty of areas to walk and bike on paved areas...why do we need another? Please do not let this happen!!!
What is going to happen to all the cars that park for free to look at the ocean or go to the beach? They will move east to the next free parking on Summit Ave. This will seriously impact the parking situation on Summit Ave. and 2. We already have a perfect walking/bike path along 101. We need a rail trail from Chesterfield South to connect to Solana Beach. We could build a raised path with very little impact to the lagoon. Don't take away free parking from the beach goers and surfers. Surfers made Encinitas. Back in the 70's, they were the large contributors to the economy when Encinitas was just blossoming.
Please do not build rail trail between Santa Fe and Chesterfield in Cardiff. It truly breaks my heart to see all of our natural landscape to be covered by manmade structure.
I feel the rail to trail project is an ill conceived, bad idea. It will take away from the people more than it will give back. Traffic will increase along San Elijo Ave, as well as streets close by when whatever type of parking goes in. It will impact people wanting to park, walk their dogs, watch a sunset, eat a meal, snack at lunch time. Think of all the vehicles that use San Elijo when not on the Coast HWY. It will become increasingly difficult to back out or pull in no matter what people come to this natural corridor to do. SANDAG said in the beginning when this rail to trail was in the "early" stage that if the existing bike path on 101 was utilized, it would come in under budget. I know a number of avid bike riders who feel it should go on the 101 and putting it by the tracks doesn't make sense for a number of reasons. Let us keep this corridor NATURAL and the way it's always been. I think there's more nays than yays.
I understand there are numerous and often conflicting interests for a project like the rail trail. My vote on top priorities: 1) Minimize impact on open space. The dirt paths running along the space between the tracks in San Elijo are valued by local residents who prefer their natural state. 2) Make it safer for cyclists by expanding bike lanes, either on Coast HWY or on San Elijo. There is already a pedestrian corridor along Coast Hwy. There is less of a need to build a path for this. 3) Minimize fencing to maintain current coast access for local residents. While I fully support increasing access for cyclists, I think this rail trail would be limited in impact as cyclists will need to remain on Coast Hwy if heading south because of the San Elijo Lagoon.

Misuse of public funds; poor planning; issue needs to be reopened in a transparent manner with full public disclosure and participation.
Very excited to have it! Railroad crossing at Montgomery with quiet zone is mandatory. Hardscape of trail should be less than 10 ft wide! Maybe 8ft?
1. NCTD right-of-way between Birmingham and Montgomery urgently needs dust control. 2. Misallocation of funds for rail trail. Better to put money toward grade separation at Chesterfield and lowering tracks. 3. Grade crossing improvements at Chesterfield will make left turns more difficult. Traffic will back up more, people will get more impatient. Increasing chance of accidents. Put money towards grade separation! 4. Quiet zones!! ASAP
I think this is a great project and balances needed roadway, rail and environmental improvements.
No comment on amendment, but the $6.5 billion SANDAG projects to spend on the north coast corridor should be reallocated so much less is spent on roads and much more on rails. That would fund trenching the tracks through coastal north county when they're doubled. It would help local economies and it would help SANDAG meet CA greenhouse gas emission standards. Increasing freeway traffic will not reduce greenhouse gas emissions. Increasing rail use will. Reduce vehicular traffic and reduce greenhouse gas emissions. As I understand it, SANDAG has lost the CNFF lawsuit twice. It's likely the CA Supreme Court will uphold the court's decision , if the SC heats the case, support the lower court's decision, that will require SANDAG to significantly reduce greenhouse gas emissions. the way to achieve that is to reduce freeway and often road traffic and increase rail use and traffic.
With careful planning, the beautification of the Encinitas Corridor can enhance the integrity and character of our city. Restoration of the eroding bluffs along the lagoons is critical. I support the rail trail.
I can appreciate the need for safe bike lanes through Encinitas, but I strongly dislike the current plan for the rail trail through Cardiff. A safe bike lane and sidewalk on San Elijo would accomplish this - and it would also preserve the parking, views and dirt walking and running paths that are there now. We do not need a big wide rail trail as proposed. It would ruin what many of us love about Cardiff. Please consider changes to the rail trail path.
I oppose this planned rail trail project for many reasons. It is poorly designed and has not been given enough public input. Leave the bike lanes on HWY 101. Del Mar doesn't have a fence blocking public access to beaches and bluffs. Losing approximately 100 parking spaces on San Elijo Ave is also a major concern. The change of plans from a pedestrian underpass to an at-grade crossing at Montgomery St. will be a significant loss of peace and quiet to the heart of our community. Please consider this ill conceived project.
NO RAIL TRAIL
Airport transportation is needed. Fast access to the airport, please. S.F and L.A have done a better job on this problem. We need to have faster, better access.

I'm somewhat premature with this input as measure A (85/15) will be voted on next month Feb. 25. Next step is submitted to CA Coastal but during that review (assuming 9 months) would allow project ground breaking early 2017. Developer- Rick Caruso has included 9+ million for addressing traffic issues. Specifically on and off lane expansion should and could begin then rather than wait until 2018-19 closer to the project completion at Cannon Rd. Also the concept of a trail under I5 (much like the San Elijo Lagoon Bridge) with pedestrian path should be given priority in Carlsbad as well. I'm asking to be kept informed about similar changes at the Agua Hendionda Lagoon with anticipated timing and schedule. Will the enhancement (widening) of I5 force replacing of bridges at Agua Hedionda Lagoon or just modifications?
In regard to the rail trail segment in Encinitas (Cardiff) from Chesterfield to E Street - I urge you to keep the existing open space and native plant species as it is. Do not make the rail trail on the east side of the tracks. If a rail trail must be built, use the existing coast highway. Do not build over the beautiful, open space on the east side of the tracks.
Dear SANDAG, The Cardiff Rail Corridor ("CRC") is the last undeveloped piece of coastal habitat in Encinitas. It is a beautiful stretch of land running east of the tracks with lovely views, wide open spaces, and wonderful sandstone formations. There is a natural dirt path running through the CRC that is used regularly by pedestrians, dog walkers, joggers, children (including my own), parents with strollers, and bikers. People come there to exercise, enjoy the nature, sooth their minds, and even let their dog off the leash. It is a source of beach parking, especially in the summer months when the 101 is full, and many people also park on the northern end to watch the sun set over Swami's. The CRC is an important part of our community character. It should be preserved for current and future generations rather than developed. Unfortunately, this may change. The city council majority of Tony Kranz, Lisa Shaffer, and Cardiff's own Catherine Blakespear, have approved a plan to put the Cardiff segment of the Coastal Rail Trail directly through the CRC. This development will put a 17 foot wide slab of pavement with an adjoining 4 foot fence right through the CRC destroying our last piece of undeveloped coastal habitat in the process. It is wanton environmental destruction. Once the graters get in there, it will be trashed for good. The council majority knew residents would be up in arms over the fence blocking beach access, so they hastily approved a pedestrian at-grade crossing at Montgomery, right in front of Cardiff Elementary school, ignoring in the process that trains are required to sound their horns within a quarter mile of any at-grade crossing. Because of environmental destruction, train noise, the fence, and reduced beach parking, residents of Cardiff and Encinitas are up in arms over this project. A citizen's movement to stop the development was started around the website www.norailtrail.com<http://i.link-url.io/?r=MTAwMA0KDQoNCjExOTAwMDAwMDA0MDU2Mw0KaHR0cDovL3d3dy5ub3JhaWx0cmFpbC5jb20NCnRydWUNCmktNUBrZWVwc2FuZGllZ29tb3ZpbmcuY29t>. By signing up to the website, letters are sent in your name to city council, SANDAG, the Coastal Commission, and the local media. Already over 1,000 people have signed up. It is the largest letter writing campaign the city has ever seen. It is clear that a majority of citizens do not want this project. Yet the obstinate council majority continues to denigrate the movement and proceed with the project while attempting to assuage concerns with empty promises to "mitigate train noise, mitigate the environmental impact and, not chop down too

many trees." Can we our trust self-serving ideological minded council majority to do this right?
I know SANDAG is tasked with building the CRT and you people are trying to do your jobs as instructed by the Encinitas council majority. However, let me tell you, the council majority of Blakespear, Shaffer and Kranz, does not speak for the citizens of Encinitas on this issue. It is pursuing its own ideological agenda at the expense of the public good.

Rather than trying to mitigate environmental destruction and train noise, which can't be stopped, a much better alternative exists that would have wide community support. Put the Coastal Rail Trail on the 101 and build an under-crossing at Montgomery to connect with it. Everyone wins. Here is what this plan would accomplish:

1. Preserves the maximum amount of undeveloped coastal habitat possible

2. Provides increased biking and walking infrastructure near the coast

3. Creates a new legal access point across the rail corridor

4. Aligns with the Solana Beach CRT alignment

5. No fence is required

6. No train horns blast next to the elementary school

7. Preserves all existing parking, including for those who watch the sunset at Swami's

In conclusion, we need to preserve the CRC and rethink this project. A better solution exists.

I am here to voice my opinion that the proposed rail trail is a bad idea. We currently have a very beautiful, natural dirt trail that is functional and could stand no improvement. Basically paving over a natural dirt trail makes no sense at all. It's one of the last remaining unaltered pieces of coastline in the North County area. It's got beautiful sandy bluffs and wild foliage growing there. I brought a picture of that, but that's not going to go too well on the transcript. And there is already a perfectly usable trail for hiking or for walking and seeing the coastal vistas right on the other side of the Coast Highway, in that area. My last point that I want to make is that the proposal to have an at-grade crossing at Montgomery will add a significant amount of railroad horn noise to the neighborhood. And I am not a NIMBY person here-not in my backyard. I live about two miles away from that crossing at Oxford Ave, up the hill. But I still will hear it, and it will double the amount of ambient noise in my house and front yard. It would make far more sense to spend the $5 million building an undergrade crossing at Montgomery and leaving the existing dirt trail in tact, as is.

I took the SANDAG 30 percent document, and I overlaid -- I am a landscape architect by trade, licensed in California, and I've worked for the government for over ten years, in state parks, doing environmental projects. So this is very near and dear to me, because we are going through some very sensitive habitat. Not only are we losing about 100 parking places, but we are also losing coastal maritime habitat, as well as succulent habitat, and possibly some vernal pool habitat that I've documented. I've taken a state environmental scientist and we've walked the site together, and we've mapped locations where the trail goes through and has impact on sensitive habitat. That habitat, once it's gone, we can never get it back. This is the only place east of the train tracks that has natural sandstone formations and supports this very fragile habitat throughout all of Cardiff and Encinitas. Some of the plant species are actually – could possibly be listed on the CESA, which is the California Endangered Species Act. There was a few plant materials that were noticed out there that actually are very sensitive. And once they are gone, being an endangered species, we can't get those back. Overall, being a landscape architect, this is, like, one of the worst designs I've seen. It's more an engineering project than a landscape architect project. They don't take into consideration any of the environmental constraints on the project. There's no areas for water runoff and bioswales and clean water management before it gets discharged into the San Elijo lagoon system. So environmentally, I think it's just a terribly designed project, and there's no restoration as part of this project. It's all about hardscape and limiting people's access to the beach by putting in this fence that goes the whole length of the corridor, as well as, you know, removing additional beach parking. It went from 141 parking places to 41 that are proposed in the new design. I do have about 20 pages of documents that I have put together personally. And if anybody wants to contact me to review these documents, they are more than welcome to. You have my e-mail address. Thank you.
So SANDAG, as stewards of our tax dollars, I am urging you to take a closer look at how Encinitas has decided to spend the 5 million you've granted them. We went to many public workshops to see plans designs on the proposed rail trail through the Cardiff rail corridor, including an option that aligned the rail trail with Coast Highway. This option was widely supported and millions cheaper. Now, the City Council majority voted the exact opposite of the majority input they received over those meetings. What has this majority said to our group individually and privately? They've told us, quote, we know the neighborhood doesn't support placing the trail along the Cardiff rail corridor, but we need to do what's best for all of Encinitas, end quote. So, okay. What is best for all of Encinitas? Do you think Olivenhain residents are going to drive west, park along the now-crowded San Elijo Avenue that has just lost 450 feet of parking and stroll along the railroad tracks? I don't think so. To think that someone from outside the area wants to drive here to stroll or jog or ocean-gaze, they are not going to do it in the Cardiff rail corridor. They are going to go 100 yards further to the beach and walk along the bluffs at Coast Highway. So who does the trail along San Elijo serve? Certainly the residents of San Elijo and only them, and they don't want it. And for the record, I don't live on that street. In conclusion, Coast Highway is clearly and obviously the better location for the rail trail.
I was devastated to learn that they were going to pave over the rail trail. I think it changes the entire landscape of Cardiff, and it affects my daily life because I use that every day. I just moved down here from Manhattan Beach where there is over-congested walkers and bicyclists on the strand, and I was so excited by this trail, that is now going to be paved over and pretty much take away what made Cardiff so special and different. I am particularly disappointed to hear about the proposed parking lot at Montgomery Avenue and the rail trail. That would be such an eyesore and really just change the beauty of the place.

My family and I have lived in Cardiff for 33 years and have always enjoyed walking our dogs across the street on the dirt path, and being able to walk across to our beach out front. And I would be greatly saddened to have an asphalt deck or cement path for walking the dogs, mostly. And, also, a fence would greatly hinder getting to the beach. Yeah, I like the nature we enjoy along the dirt path, as well. There are species of birds that we enjoy now -- egrets, osprey, and more -- that would be diminished, I feel, with cement or asphalt. Thank you.
My name is Rich Kelso, and I live on San Elijo Avenue. I've spoken before the City Council on three different times in the last two years. It has all gone on deaf ears. The last six months they have refused to listen to people about the rail trail. They have their own agenda. And Lisa Shaffer is, in my opinion, the lead person who is doing this. She is spreading mistruths. She says 50 percent truth of a sentence and 50 percent wrong, and she's a member of SANDAG, and we need to realize this. Please listen to the citizens of Cardiff. We are very logical. Our presentation is to have the rail trail and then go underneath -- the actual Swami's underpass, which cost $5.5 million to build about three or four years ago -- and go down to 101. Everybody would like to walk and ride along the bluff, and not up in San Elijo. On the south end of San Elijo, we have an extreme amount of very environmental situations that they want to destroy. They want to bring big machinery in and get rid of our sandstone bluffs and the natural habitat area. And they have no -- really, any reason. We asked them why do they want to do it here, and they said, "Well, we have to connect Encinitas to Cardiff," or "Somebody wants to walk safer." They want to spend 5-to-$10 million on walls on a beautiful section of about 14-foot bluff. It's 2,000 feet long. And at the north end, that equates to 234 parking spaces that are going to be eliminated. There's just a lot of negative things that they are planning on doing. And we have had many meetings, and we've voiced our displeasure, and it's gone on deaf ears. And I'd like you, as an organization, to see what one of your representatives, Lisa Shaffer, is doing to our community. Thank you.
The Cardiff rail corridor is the last undeveloped piece of coastal habitat in Encinitas. It is a beautiful stretch of land running east of the tracks, with lovely views, wide open spaces, and wonderful sandstone formations. There is a natural dirt path running through Cardiff rail corridor that is used regularly by pedestrians, dog walkers, joggers, children – including my own -- parents with strollers, and bikers. People come there to exercise, enjoy nature, sooth their minds, and even let their dogs off the leash. It's a source of beach parking, especially in the summer months when the 101 is full. Many people also park on the northern end to watch the sunset over Swami's. The Cardiff rail corridor is an important part of our community character. It should be preserved for current and future generations, rather than developed. Unfortunately, this may change. The council majority of Tony Kranz, Lisa Shaffer, and -- Cardiff's own -- Catherine Blakespear, have approved a plan to put the Cardiff segment of the coastal rail trail directly through the Cardiff rail corridor. This development will put a 17-foot-wide slab of pavement, with an adjoining four-foot fence, right through the Cardiff rail corridor, destroying our last piece of undeveloped coastal habitat in the process. It is wanton environmental destruction. Once the graders get in there, it will be trashed for good. The council majority knew residents would be up in arms over the fence blocking beach access, so they hastily approved a pedestrian at-grade crossing at the junction of Montgomery and San Elijo Avenue, right in front of Cardiff Elementary School, ignoring in the process that trains are required to sound their horns within a quarter mile of any at-grade crossing. Because of environmental destruction, train noise, the fence, and reduced beach parking, residents of Cardiff and Encinitas are up in arms over this project. A citizens movement to stop the development was started around the website NORAILTRAIL.COM. By signing up for the website, letters are sent in your

name to City Council, SANDAG, the Coastal Commission, and the local media. Already over 1,000 people have signed up. It is the largest letter-writing campaign the City has ever seen. It is clear that a majority of citizens do not want this project, yet the obstinate council majority continues to denigrate the movement and proceed with the project, while attempting to assuage concerns with empty promises to mitigate train noise, mitigate the environmental impact, and not chop down too many trees. Can we trust our self-serving, ideological-minded council majority to do this right? I know SANDAG is tasked with building the coastal rail trail. And SANDAG is trying to do its job as instructed by the council majority. However, let me tell you, the council majority of Blakespear, Shaffer, and Kranz does not speak for the citizens of Encinitas on this issue. It is pushing its own ideological agenda at the expense of the public good. Rather than trying to mitigate environmental destruction and train noise, which can't be stopped, a much better alternative exists that would have wide community support in Encinitas. This is what SANDAG should be spending its money on. Namely, put the coastal rail trail on the 101 and build an undercrossing at the intersection of Montgomery and San Elijo Avenues to connect with it. Everyone wins with this plan. Here is what this plan would accomplish. No. 1, it would preserve the maximum amount of undeveloped coastal habitat possible. No. 2, it would provide increased biking and walking infrastructure near the coast, which is the goal of the coastal rail trail. No. 3, it would automatically connect with the Solana Beach alignment of the coastal rail trail. No. 4, it creates a new legal access point across the rail corridor. No. 5, no fence would be required. No. 6, no train horns would need to blast next to Cardiff Elementary School. No. 7, it would preserve all existing beach parking, including for those who watch the sunset over Swami's. In conclusion, we need to preserve the Cardiff rail corridor for current and future generations of Encinitas residents. We should rethink this project. Abetter solution exists.
I just want to make it clear that I am opposed to the present alignment from San Elijo Avenue. But let me be clear, I support the rail trail concept, but it has to be on the proper alignment, which I feel is Highway 101, based on all the objective measures. What we have now is really the worst of all conditions. It costs millions more, that alignment, and it will be used by a lot fewer people than if we put it on Highway 101. And not only that, but it also destroys the remaining natural coastal area that we have along the railroad tracks. It removes beach parking and it reduces beach access for the residents of the City of Encinitas. The San Elijo alignment will serve mostly people who live close by the railroad tracks, and it discourages regional travel and biking, too, because it mixes pedestrians with bike traffic on the path. We need a better solution, and I feel that solution is Highway 101. That's it.
I believe the rail trail is a terrible addition to the community. I think we can come up with a much better solution.
This seems such a waste of money, paving over the only nature along the coast. No on the trail. Thank you.
I'm opposed to the current alignment of the coastal rail trail on San Elijo Avenue. In organizing the NORAILTRAIL.COM website, the expectation was an equal hearing and the proper respect of our elected officials in addressing the concerns of a large portion of the community. The response that we've received thus far has been disappointing. Every day new residents in our community join our campaign. And we anticipate that when the news of the coastal rail trail, its impacts, its financial burden, reach the residents of east Encinitas and surrounding communities, we anticipate that the level of concern, the

level of outreach, and feedback to the City Council is going to overwhelmingly demonstrate that the community is not only burdened by the coastal rail trail and its alignment, but is a public works project that should be considered very carefully in alternative alignments. I urge the City Council to place the coastal rail trail back on the agenda. There are many issues to consider that were either overlooked or ignored prior to the May 20th vote. Impacts that are just coming to light include ecological impacts, traffic, and safety response impacts, that if not addressed, create liabilities for the City and a negative impact on the residents.
I'd like to file my objection to the coastal rail trail as proposed. I think it's poorly conceived and an ill-advised waste of public funds. It would negatively impact and forever change a unique section of the coastal area of San Diego County. In particular, Cardiff's last little stretch of natural habitat and semi-wildland that exists, that is thoroughly enjoyed by so many people for such a long time as it is. Particular concerns for the long-range ramifications that the building of this project as planned would have for the future: I foresee a huge parking lot existing where there is currently ice plant and other native species. Particularly in the area just west of Montgomery to Verde, between Montgomery and Verde on San Elijo, there is open acreage there that I believe will inevitably turn into a parking lot to mitigate the estimated loss of 100 parking spaces further north on San Elijo, due to the construction of the rail trail project as proposed. I am quite concerned and unhappy with the change of plans from an underpass at Montgomery, which would be similar to what was built at Santa Fe to Swami's, being replaced with a most unfortunate at-grade crossing, which I see only as having a negative impact of both noise pollution, potential accidents, right in the heart of our community and adjacent to and in front of an elementary school. We like it the way it is, we think that we are having this forced upon us without sufficient time or input being allowed. And wait until they try to do this in Del Mar. I'll leave it at that. Thank you.
First of all, I think the rail to trail is an ill-conceived, bad idea. I think there are many people in Cardiff, Encinitas, and other surrounding areas that would like to keep it open and natural, and the way it has been for quite a while. If the rail to trail goes through, it will not only change this precious, natural space of land that's just along this one part of San Elijo and the Coast Highway, but it will change many things on San Elijo and other existing streets that feed into them. There can only be so much parking, no matter how they draw it up. And once that parking is filled up, which it will if the trail goes in and becomes more popular, because those that utilize it have friends, and some of those friends will want to either ride a bike, walk, or possibly go along by some other means. And once San Elijo spaces are full, people will start going on side streets like Verde, other streets by Cardiff Elementary, and just all along San Elijo. This will especially be filled on a weekend, especially if the weather is nice and draws people to the beach, to the bike trial, to do whatever. If the rail to trail goes in, where they want to put it, I feel that it will really disenfranchise people who come to walk their dog, who come to enjoy a sunset, whether they live in Cardiff or wherever they live. Who come down to possibly eat a lunch, a snack, or even as I've seen many times, back in and have a little -- some type of a dinner, whether they brought it or, you know, got it from somewhere, brought it from home, or whatever. Another thing that will cause a problem: many people who go along that street that may not even be utilizing the trail that day, or depending on, you know, the time, it will be harder for those to park, to get in or to get out. And if there is ever an accident on the -- on 5, which there is from time to time, it will really become quite interesting because it will be total paralysis and gridlock. SANDAG, in the beginning, said that if we utilize the area across 101 that is already set up for bikes, that might need some modification; that it could go -- come in under budget. I think with the fact of what taxpayers have already put up with in many ways over the

last number of years, that something that comes under budget, it would preserve the open space area and still -- there would just be that one existing piece that would not be next to the railroad, but could connect at some point. Whatever, you know, they could work out with people or the next city living down -- going south, or even possibly going north. Another thing that it will impact is emergency vehicles. Fire trucks, paramedics use 101 or San Elijo a lot. And not that -- I mean, hopefully people will, if they are backing out, will have enough sense to stop, but I can see -- you know, sometimes fire trucks go down that street. And if a bike -- the pike path goes in, I think that could possibly cause, you know, some existing problem. And then the one thing that I have not heard in any shape or form is they put up the barricades, which were ugly, and then they took them down and put up the railroad barricades, which are better. They are still not what I would call attractive, but they do what they need to do. But there are sections on San Elijo that if it's not shored up, putting in a rail to trail could be -- could cause definite problems for those using the bike trail and a liability for the City, because with this being an El Nino year -- in fact a super El Nino -- there will be -- we have not seen the last of our rain. And if that area isn't shored up where they put the beginning barricades, putting any type of a bike trail in would be -- without doing something -- would be, basically, ludicrous. And by my way of thinking, just to shore up the -- so they have some type of a wall, would at least eat up the 5.1 million they've been allotted, or 5.2, and could easily -- and could cost more. And that doesn't include what the expenses would be to put in the trail. And even though I've heard that supposedly there's another 3 million that has come into the picture, as far as funding from I am not sure what mysterious source, but still, I don't -- I don't think that -- I think -- I see no way that this is not going to be an expenditure way beyond what they currently have figured. Which -- you know, there hasn't been any yet, and I haven't seen any type of definitive plans. You know, I know these plans -- if they have plans at all -- will change. But so far at any of these meetings there have been no type of plan of how it's going to go in, where it's going to go in. And then another thing that -- I would like a guarantee from the railroad -- if the rail to trail goes in, it is my understanding, and many others, that due to safety, due to past suicides, due to Federal statutes, and due to the fact that the railroad forever has wanted to put in some type of a fence to decrease their liability, among other things -- that some type of fence will become mandatory. Now, I've heard that there will be maybe an underground -- like what is up at Santa Fe, put in, but the underground one up at Santa Fe -- which is a wonderful crossing and certainly does -- does everything that they had planned and then some, but that took over a year to build, and I don't even know what the cost was on that. But I am sure it was a -- it was definitely up there, because they had to pass, you know, earthquake standards, railroad standards, and who knows what other type of codes. Because when you got trains all day going south and north over it -- they built that thing practically like a bomb shelter and then some. I just -- I feel that in future meetings that we are going to have, I would like to have people of the railroad giving input, and especially on will there be a fence if it goes in, and will -- if the fence is --whatever type of fence is built, will there be some type of crossing over or under within a decade, and hopefully a lot less. Because, currently, if we went by the railroad, the way that they would ideally like to see it, they would like to see everybody crossing at either Santa Fe or Chesterfield. And if that really was done, it would become a massive traffic jam. It would be almost crazy. I guess that's about it.

CoastalNCCPWP

From: chris swanner <chrisswanner@gmail.com>
Sent: Tuesday, May 02, 2017 11:15 AM
To: CoastalNCCPWP
Subject: Coastal Rail Trail in Encinitas
Attachments: Cardiff Wildlife Corridor.jpg

Dear Coastal Commissioner,

My name is Chris Swanner, I live at 1659 San Elijo Ave. Cardiff by the Sea, Calif.
I have just read the staff report on the Encinitas Rail Trail Project. It is a disgrace. Staff was supposed to decide if the West side alignment was acceptable according to the PWP.
They have already written this report months ago and SANDAG negated every one of Staff's "interpretations" of the PWP. Staff's new report not only says no to the West side alignment but has chosen where they think the project should be. This is absolutely a complete disregard for the citizens they serve. Some of the duties of the CCC are to protect and preserve Coastal open space, promote beach access and never take away parking. This staff recommendation does just the opposite. Please look at the attached picture. This is what you will be destroying if you agree with the staff recommendations.

Best,
Chris Swanner

CoastalNCCPWP

From: chris swanner <chrisswanner@gmail.com>
Sent: Tuesday, May 02, 2017 5:02 PM
To: Buhr, Gabriel@Coastal
Cc: Cox, Greg@Coastal; victor.avina@sdcounty.ca.gov; Culp, Linda
Subject: Please amend your report

Mr. Buhr:

One of the problems with your report is that you have included over 65 Approvals from the YES Rail Trail.

EXPRESSIONS OF SUPPORT FROM RESIDENTS FOR EAST-SIDE ALIGNMENT OF THE CRT THROUGH CARDIFF

https://documents.coastal.ca.gov/reports/2017/5/th18a/th18a-5-2017-corresp.pdf page 6-23 of 68

You have allowed these comments without names or emails to be on record. They were submitted to you from 1 person that is in favor of the east side alignment. You made no comment about

this and yet you your comments "As of 4/26/17, the commission has received approx. 1,380 form e-mails identical or nearly identical to the subject email" on letters that were individually sent

with names and email addresses. We could of done the same thing that Mike Verdu did and just wrote up a bunch of comments and send them in. The 1,380 emails that were individually sent

from citizens were all legally sent from their individual computers. We used a form letter as people didn't know what to say and or how to say it and or who to send it to and gave citizens an

easy way to voice their disapproval of this project. This email was the most written email on a subject in our cities history.

Please amend your report and remove these statements pages 6-23 as you require names and email addresses on all letters sent to the CCC and staff.

Regards,
Chris Swanner

Virus-free. www.avast.com

CoastalNCCPWP

From: Jalkhas <jalkhas@aol.com>
Sent: Friday, May 05, 2017 9:24 AM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Subject: Cardiff Resident Advising You To Vote YES on #18a

Dear Commissioner,

I have been actively following the NCC PWP TREP project and, in particular, the Encinitas portion of the Coastal Rail Trail. The CCC staff has, in the opinion of many, applied shortsighted discretion and poorly supported interpretations of the public works program bylaws to reach erroneous alignment conclusions in its recent report. The staff has also failed to abide by representations to grassroots leaders of nearly two thousand residents in the Encinitas and surrounding areas to properly and accurately inform Commissioners of the level of public feedback and the political discourse that occurred from the end of 2015 until mid 2016 -- democratic, grassroots activity that influenced policy within the City of Encinitas to support a Highway 101 rail trail alignment -- and instead minimized, trivialized and seemingly dismissed this public redress in its report. The staff is on the wrong side of this issue, and I trust your better judgement to use your authority and the mission vested in the California Coastal Act to vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

An alignment along the east side of the rail corridor would fundamentally inhibit beach access to many thousands of residents because of impactful fencing requirements unique to this alignment. Staff is wrong in concluding the fencing impacts are equal under the Coast Highway alignment. Only the fencing designated under the east side alignment bifurcates the city away from the coast and forces nearly all residents to resort to cars to reach beaches that are otherwise hundreds of yards away and easily accessible by foot. In addition, Coast Highway 101 needs the improvements and the alternative would be to pave over our open space in the Cardiff Rail Corridor which would block our beach access and remove over 100 free parking spaces that the public currently uses for beach access and sunset viewing. Also at risk in the corridor are native plants, sandstone bluffs, wildflowers, a meandering path, and homes to a countless variety of wildlife.

Sincerely,

Joe Alkhas
1455 San Elijo Avenue
Cardiff by the Sea, CA 92007

Sent from my iPhone

CoastalNCCPWP

From: Steele Alkhas <steelealkhas@icloud.com>
Sent: Friday, May 05, 2017 2:24 PM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Cc: alkhas@me.com
Subject: Preserve Cardiff Rail Corridor - Vote YES on #18a

Dear Commissioner:

I'm an 11 year old resident of Cardiff by the Sea. My family and I go to the nearby beaches all the time, especially in the summer. We also ride mountain bikes along San Elijo, where we live, to get to and from school and to enjoy family rides down to Coast Highway where we can ride above the bluffs and go eat pizza in Encinitas.

I want to see the Coastal Rail Trail placed on Highway 101, and I would appreciate your vote to make that happen. The path along Highway 101 is really old, most of the safe areas to ride (behind the guard rail that separates traffic lanes from the path) are for pedestrians only, but because traffic is so heavy and moves so fast, my dad makes us ride on the pedestrian path anyway. Sometimes the people walking there get upset by the bikes. And the bluffs are steep, like a cliff, and there is only a small curb to keep children and others from going over. This path needs to be improved and made safe for biking and walking.

I manage to walk and bike along San Elijo just fine. My parents taught me about trade offs, and while a wide asphalt rail trail along San Elijo might give just a few residents a more convenient path, I doubt these residents are likely to use it as much as the people I see who use it and appreciate it as an environmentally natural trail. I see a lot of people in the morning walking their dogs and strolling through the flowers, which are huge this time of the year. I prefer the trade off that leaves nature in its place, because most of our coast is already too developed.

Also, the city hasn't built the rail crossings we need to get to the beach, and a rail trail on San Elijo would require a fence. Most people I know walk to the beach, but a fence would mean driving. Have you seen the beach in the summer, with all the cars looking for a parking space? My parents go crazy looking for parking during summer, and it will just get worse for everybody with a fence on San Elijo.

Please vote to put the rail trail on Highway 101.

Sincerely,

Steele Alkhas
1455 San Elijo Avenue
Cardiff by the Sea, CA 92007

Sent from my iPad

From: Kimberly Alkhas [alkhas@me.com]
Sent: Monday, April 24, 2017 10:38 PM
To: Cox, Greg@Coastal
Subject: Vote Yes on 101 Plan in Cardiff-by-the-Sea

As a Cardiff by the Sea resident that lives on San Elijo Ave with children--- please VOTE YES on the 101 Plan.

Thank you so much, in advance, for your consideration.

All the best,
Kimberly Alkhas
1455 San Elijo Ave
Cardiff by the Sea, CA 92007

CoastalNCCPWP

From: PAMELA SLATER-PRICE <pcslater@mac.com>
Sent: Wednesday, May 03, 2017 9:28 AM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Subject: Preserve Cardiff Rail Corridor - Vote YES on #18a

Dear Commissioner,

I urge you to vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

Coast Highway 101 needs the improvements and the alternative would be to pave over our open space in the Cardiff Rail Corridor which would block our beach access and remove over 100 free parking spaces that the public currently uses for beach access and sunset viewing. Also at risk in the corridor are native plants, sandstone bluffs, wildflowers, a meandering path, and homes to a countless variety of wildlife.

This is a far superior plan to the east trail alignment. It preserves natural open space and much needed parking for beach access while providing safe and scenic access for bikes, pedestrians and cars.

Sincerely,
Pam Slater-Price
Encintas Mayor 1990-1991
Grand Avenue
Del Mar, Ca

"To compel a man to subsidize with his taxes the propagation of ideas which he disbelieves and abhors is sinful and tyrannical."

-- Thomas Jefferson

CoastalNCCPWP

From: Circe Wallace <cwallace@teamwass.com>
Sent: Sunday, April 30, 2017 1:31 PM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Subject: Please!!!! Preserve Cardiff Rail Corridor - Vote YES on #18a

Dear Commissioner,

I urge you to vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101. This only makes sense for our community.

Coast Highway 101 needs the improvements and the alternative would be to pave over our open space in the Cardiff Rail Corridor which would block our beach access and remove over 100 free parking spaces that the public currently uses for beach access and sunset viewing. We LOVE this aspect of Cardiff and why we love to live here. Also at risk in the corridor are native plants, sandstone bluffs, wildflowers, a meandering path, and homes to a countless variety of wildlife. Let's not politicize a logical solution. Our children need this little bit of nature left in our community!!

Sincerely,
** circe wallace
1651 somerset Ave.
cardiff ca 92007

Circe Wallace
Executive Vice President
Action Sports & Olympics
CWALLACE@TEAMWASS.COM
WASSERMAN CARLSBAD | T: (760) 602 6200

CoastalNCCPWP

From: Craig Davidson <craig_d@mac.com>
Sent: Wednesday, May 03, 2017 7:44 PM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Subject: Preserve Cardiff Rail Corridor - Vote YES on #18a

Dear Commissioner,

The Coastal Commission's charter is to preserve and protect what remains of the native coastal scrub and ecosystems. Paving over the east side of the tracks would be counter to the charter. As a resident of the area for over 30 years, who enjoys the native plants, I find the decision to pave any area east of the tracks and west of San Elijo reprehensible.

I urge you to vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

Coast Highway 101 needs the improvements and the alternative would be to pave over our open space in the Cardiff Rail Corridor which would block our beach access and remove over 100 free parking spaces that the public currently uses for beach access and sunset viewing. Also at risk in the corridor are native plants, sandstone bluffs, wildflowers, a meandering path, and homes to a countless variety of wildlife.

Sincerely,
Craig Davidson
202 Liszt Ave
Cardiff, CA 92007

CoastalNCCPWP

From: Alex Neal <alexneal@yahoo.com>
Sent: Thursday, May 04, 2017 1:50 PM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Subject: Preserve Cardiff Rail Corridor - Vote YES on #18a

Dear Commissioner,

I urge you to vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

The Coastal commission exists to protect the coastal environment and habitat for future generations, not to pave over one of the last natural corridors in San Diego county. It would be truly ironic and disappointing for the commission to desecrate the only natural corridor in Encinitas that is beloved by the locals, and pave it over into a bicycle super highway. Additionally, the removal of all the parking along the rail corridor would further congest the area, leading to additional traffic and exhaust fumes as beachgoers are forced to drive longer to find parking. It will also have the effect of limiting beach access, in direct contrast to coastal commission mandates. Also at risk in the corridor are native plants, sandstone bluffs, wildflowers, a meandering path, and homes to a countless variety of wildlife.

Coast Highway 101 already has the infrastructure, and merely needs some improvements. This is the right place to locate the bike path for environmental, economic, and moral reasons.

Sincerely,

Alex Neal
1130 Wotan Drive
Encinitas, CA 92024

CoastalNCCPWP

From: Ralph Thielicke (via Google Docs) <rethielicke@gmail.com>
Sent: Wednesday, May 03, 2017 3:42 PM
To: Buhr, Gabriel@Coastal
Cc: Schwing, Karl@Coastal; Brown, Kanani@Coastal
Subject: Request to Correct Misleading Statements in Cardiff Coastal Rail Trail Staff Report

Ralph Thielicke has attached the following document:

Letter to Gabe Buhr re Project History

Snapshot of the item below:

Mr. Gabriel Buhr, Coastal Program Manager
Mr. Karl Schwing, Deputy Director, San Diego Coast District
Ms. Kanani Brown, Coastal Program Analyst III, San Diego Coast District
Dear Mr. Buhr:

I am disappointed that the project history in the Summary of Staff Recommendations for the May 11, 2017 Agenda Item #Th18a creates a false and misleading narrative of the background of the Cardiff Coastal Rail Trail. In order to avoid misleading the Coastal Commission, I believe you have an obligation to correct the narrative as described below, and transmit the correction to the Commissioners before the May 11th meeting.

Opposition by the Cardiff Community to the East Railroad Alignment has been Consistent and Active from the Beginning

The staff report implies that community opposition to the east railroad alignment did not start until November 2015 when *"some residents within the community began to raise concerns with the project"* (Note: there was decidedly more than "some" opposition; in fact, it was one of the largest residents' response to any item in the City's history). The implication from the staff report is that planning for the east alignment had been on going for 15 years or more without opposition or objection. That is patently false.

The first time specific planning for the east alignment was brought to a community forum was in 2006, and there was an immediate and strong public objection to the plan. http://www.sandiegouniontribune.com/sdut-encinitas-rail-trail-hits-road-block-2006jul19-story.html As a result the project was dropped and nothing was done until approximately 2012, when SANDAG once more began looking at options for the corridor. When community meetings were again held in November 2013, February 2014 and April 2015, the residents of Cardiff made it clear that the east railroad alignment was not acceptable.

SANDAG recognized the community's opposition to the east alignment and presented Highway 101 to the City Council as a viable alternative. Over resident opposition at the hearing, the City Council adopted the east alignment on May 20, 2015. The community began to organize in earnest with a media campaign and educational outreach to inform the public and Council Members of the problems with the east alignment. When design details were released that showed a 17 foot asphalt paved trail and fencing needed for a class 1 bike path, the City Council recognized that this scale of project was out of character for the community and reversed their decision on March 30, 2016; opposing the east railroad alignment and adopting the Coast Highway 101 alternative for the Cardiff Coastal Rail Trail. This was so important to the Council that they committed to sharing costs with SANDAG, if the Highway 101 alternative was not accepted by the Coastal Commission.

The Staff Report is Misleading the Commission by Implying that SANDAG Spent 4 Years and $410K Designing the East Alignment Because it was the Only Alternative Consistent with the PWP

The staff report states *"With that background, SANDAG spent more than four years (from January 2012 to March 2016) and approximately $410,000 designing an alignment of this stretch of the Coastal Rail Trail that would be sited within and immediately adjacent to the eastern boundary of the rail corridor and along San Elijo Avenue, in order to be consistent with the NCC PWP/TREP."* It is manifestly misleading to suggest that SANDAG was only considering the east railroad alignment during the time period or that SANDAG only

considered that alignment to be consistent with the PWP. In fact, the Highway 101 alignment was put forward by SANDAG as an advisable effective alternative to the east alternative at the City Council hearing on May 20, 2015. Clearly much of the time and effort was spent by SANDAG working on the Highway 101 alignment along with the east alignment.

The Staff Report is Misleading by Suggesting the Eastern Alignment was Thoroughly Vetted Over the Past 20 years

From the staff report, *"This eastern alignment has been thoroughly vetted during the regional planning effort that has taken place over the past 20 years."* The fact that in the end the Encinitas City Council rejected the east alignment after design details became known unmistakably demonstrates how false the statement must be.

The Staff Report Suggests that the City's Approval of the East Alignment is Not Needed and is Counterproductive

The staff report states *"While coordination with the City is required by the NCC PWP/TREP, it is important to note that the project identified therein have already been approved by the Commission as part of the approval of the NCC PWP/TREP and are not required to receive discretionary approval from the City. However, in response to the City's direction, SANDAG chose to halt planning for the eastern alignment, despite the fact that significant time and resources had already been devoted to advance the project …"*

It is disheartening to read that Commission staff is suggesting that community input is unimportant or undesirable in the process to locate the Cardiff Coastal Rail Trail. Experience shows that where agency staff impose their values and preferences over that of a community's, the resulting efforts are most often misguided and unsuccessful.

Sincerely,

Ralph Thielicke
1615 San Elijo Ave.
Cardiff, CA 92007

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CoastalNCCPWP

From: Ralph Thielicke (via Google Docs) <rethielicke@gmail.com>
Sent: Monday, May 08, 2017 11:02 AM
To: Buhr, Gabriel@Coastal
Cc: Cox, Greg@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: May 11 Agenda Item Th18a; By Approving Coast Highway 101 Alignment, You Will Help Complete California Coastal Trail

Ralph Thielicke has attached the following document:

Untitled document

Dear Coastal Commissioners,

You have a unique opportunity to help two projects with one action. By approving the Coast Highway alignment for the Cardiff Rail Trail you will also be approving an important portion of the California Coastal Trail. Thank you for your support.

Snapshot of the item below:

Dear Coastal Commissioners,

May 11, 2017 Agenda Item: TH18 a Notice of Impending Development No. NCC-N010-0001-17, Cardiff Coastal Rail Trail

Approval of Cardiff Coast Highway 101 Alignment is Important for Implementation of the California Coastal Trail

The Coastal Commission has the unique opportunity of moving forward not only the regional rail trail project but also the statewide California Coastal Trail by approving the Coast Highway 101 alignment. In addition to advancing two important projects, your Commission will also be preserving valuable coastal open space and threatened coastal plant species. A single investment of public dollars will fund two projects with regional and state impact while preserving local community character.

The California Coastal Trail is planned to be a 1200 mile long path from Oregon to Mexico located as near the shoreline of the Pacific as is practical. This path was approved by the voters in 1972 as the coastal complement to the Pacific Crest Trail. The California Coastal Trail is required to be as close to the ocean as possible, must respect the current environment, and not disrupt the natural habitat. Of the two options for the rail trail only the Cardiff Coast Highway 101 alignment meets these requirements. The east alignment does not meet the California Coastal Trail requirements, because it is further from the ocean, being separated by railroad right of way and a busy highway from the coast, and requires the paving of irreplaceable coastal habitat.

We urge the Coastal Commission to invest in the Cardiff Coast Highway 101 alignment which will have the greatest return for the residents of San Diego County and the state. Thank you.

Sincerely,

Ed Thielicke
1615 San Elijo Ave.
Cardiff, CA 92007

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CoastalNCCPWP

From: Ralph Thielicke (via Google Docs) <rethielicke@gmail.com>
Sent: Monday, May 08, 2017 11:24 AM
To: Buhr, Gabriel@Coastal
Cc: Cox, Greg@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: May 11 Agenda Item Th18a; Cardiff Coastl Rail Trail; Coastal Commission Mission Statement

Ralph Thielicke has attached the following document:

Coastal Commission Mission Statement

Dear Coastal Commissioners,
Please see the following analysis which shows that only the Coast Highway 101 alignment meets the goals of the Commission's Mission Statement. The east side railroad right of way alternative does not met your mission statement goals.

Snapshot of the item below:

Dear Coastal Commissioners:
As a long time Cardiff resident I'm dismayed and very disappointed by the staff report on Agenda item Th18a, Cardiff Coastal Rail Trail. The 35 pages of staff analysis misses the point and goal of what we are all working for, namely protection and enhancement of the coastal environment. How can anyone conclude that paving and grading a 17 foot road-like path through one of the very few remaining open space natural areas along the coast can be better than repurposing existing pavement on Highway 101? That is the choice in it's most basic form. Build over undeveloped coastal land versus building on existing asphalt? The staff report obscures this simple choice and through a hairsplitting analysis leads to a result which is the antithesis of the mission of an organization dedicated to preserving our coast.

Local Agencies Agree Highway 101 Alignment is Consistent with the PWP

The staff report argues that the the Highway 101 alignment is inconsistent with the NCC PWP/TREP (PWP). In the analysis of those agencies most involved with the development and implementation of the PWP, namely the San Diego Association of Governments, Caltrans, City of Encinitas, and also the residents of Cardiff, the Highway 101 alignment is consistent with and allowed by the PWP. These agencies have staff dedicated to working on the PWP, are spending millions of dollars on the plan, deal with it on a daily basis, and have the best understanding of the intent and how to implement of the PWP.

Coastal Commission Mission Statement

What is missing in the staff analysis of the two alternatives is any kind of basic understanding of how well they meet or don't meet the guiding principles of the mission statement of the Coastal Commission.

Mission Statement: "The Commission is committed to protecting and enhancing California's coast.."

The question is which of the two alternatives does more to protect and enhance the coastal environment?

The east side railroad alignment, paves two acres or more of open space native coastal habitat, destroys sandstone bluffs, and destroys native sensitive and threatened plant species; versus the Highway 101 alignment which will be built on existing asphalt pavement. The east side alignment eliminates beach parking; the Highway 101 preserves parking. It can not be more clear that the Highway 101 alignment is consistent with the mission statement and the east side alignment is not.

Mission Statement: "It does so through ...environmentally-sustainable development..."

Which of the two alternatives has higher ongoing long term environmental costs?

The east side railroad alignment adds a mile or more of new asphalt, irrigated landscape, and lighting, all of which must be maintained and watered. By contrast the Highway 101 alignment repurposes existing

pavement. Again, clearly the Highway 101 alternative is most sustainable and consistent with the Commission's mission statement.

Mission Statement: "through …. strong public participation…"

Which of the two alternatives has the most support of residents and which will be used by more people?

The east side railroad alignment was proposed twice to the Cardiff community. First in 2007 and again in 2014 the community organized and made it clear that the east side was not an acceptable alignment to the majority of Cardiff residents. Preserve Cardiff Corridor is the latest group to organize and push back against interests that would destroy the open space that serves as an informal community path maintained by local volunteer effort. The largest bike advocacy group in Encinitas supports the Highway 101 alignment because of the need for increased safety and amenities that the improvements will bring.

Highway 101 is currently used by thousands of walkers, runners, and bike riders for coastal access. It is extraordinarily popular with families, dog walkers, people exercising, sunset watchers, etc. Because it is so close to the water with spectacular views of the ocean and marine life, people are naturally drawn to the area. With the additional amenities even more people will use the Coastal Rail Trail. By contrast everyone looking at the issue has concluded that the east alignment will be used by substantially fewer people. Even though the rail trail is supposed to be regional infrastructure, users on the eastside would be primarily residents walking or riding to neighborhood shopping and dining.

Mission Statement: "through …. effective intergovernmental coordination."

Which of the two alternatives has local government support?

The east side railroad alignment is not supported by any local political entity. The Highway 101 alignment is supported by the City of Encinitas; San Diego Association of Governments; Supervisor Kristin Gaspar, 3rd District; and California San Elijo State Park managers.

Forest for the Trees

The Commission staff analysis report has omitted what is most important to the Commission's decisionmaking on Cardiff Coastal Rail Trail alignment, and that is, which alignment meets the Commission's mission statement goals best? Unquestionably, as described above, the Highway 101 alignment meets the basic test of the mission statement goals. The east side alignment does not. The staff report argues the fine points of whether Highway 101 is consistent with the PWP (even though all local agencies agree that it is consistent) and loses the focus of what is best for the coastal environment and the community.

Sincerely,

Ed Thielicke
1615 San Elijo Ave.
Cardiff, CA 92007

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CoastalNCCPWP

From: tmtbythesea@cox.net
Sent: Thursday, April 27, 2017 10:57 AM
To: Faustinos, Belinda@Coastal; Orr, Trent@Coastal; Buhr, Gabriel@Coastal
Subject: Rail Trail Plan

Dear Supervisors:
As a 23-year resident of Cardiff by the Sea I ask you to please approve the SANDAG plan to place the rail trail on the West side of Hwy 101.
Thank you!
Tracey Macedo Thiede
1833 Glasgow Ave
Cardiff by the Sea CA, 92007

CoastalNCCPWP

From: kane thiede <kanethiede@gmail.com>
Sent: Thursday, May 04, 2017 1:32 PM
To: Buhr, Gabriel@Coastal; Cox, Greg@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Orr, Trent@Coastal; Faustinos, Belinda@Coastal
Subject: Cardiff resident - put rail trail on west side

Coastal Commission staff,

As someone who grew up in Cardiff, it is severely important to me to preserve the few natural spaces there are left in town. Myself and others in our community are not willing to allow an outside agency to design this unnecessary concrete path that destroys our natural walking path, coastal wildlife and plants. Sandstone bluffs are a unique aspect of the Encinitas area and it is beyond shameful to pave over them when there is a bike path already established on the 101, along the beach, which everyone already uses. I urge you to PLEASE vote on the city's plan to improve the path that already exists west of 101.

Thank you,
Kane Thiede

1833 Glasgow Ave
Cardiff CA, 92007
Kanethiede@gmail.com

CoastalNCCPWP

From: Elena Thompson <elenathompson@cox.net>
Sent: Wednesday, May 03, 2017 7:22 AM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: 5-3-17 City of Encinitas- Cardiff Coastal Rail Trail- In Full Support of West-side of train track alignment

Hello Esteemed Coastal Commission Members,

We want you to know that we are in full-support of the West side alignment of the Coastal Rail Trail in Cardiff, California (within the City of Encinitas). Here is why:

-This is the most practicable place to put the coastal rail trail
-This prime location, aligned to Highway 101 and on the west side of the RR, will promote travel by bike and foot, more than any other location, and be more widely used than any other location
-It will be the least destructive to native habitat
-It will be the most cost effective solution
-Long term, it will enable the continuation of the CRT further north, which is the longer term goal here and be in the best place

Thank you for your vote in favor of the West-side alignment of the CRT in Cardiff.

Sincerely,

Elena Thompson, "E.T.", Realtor

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CoastalNCCPWP

From: John <johnrthompson@cox.net>
Sent: Wednesday, May 03, 2017 8:31 PM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: Encinitas Coastal Rail Trail - West side

Attention Coastal Commisioners

On May 11th, please vote "YES" for the Encinitas Coastal Rail Trail "West Side Alighment".

As a 30 year resident of Encinitas who frequently rides a bicycle along the coast from Oceanside to Del Mar, I'm writing to encourage you to vote "YES" for the "West Side Alignment". This is the Coastal Rail Trail plan That SANDAG and the city of Encinitas planners have recommended. This is the best plan for a rail trail to be consistant with cities to the north and south. The West side plan provides for the best flow of people along the coast.

Thank you all for keeping California beautiful and the coast accesible to future generations.

John Thompson

From: Charles J Schwab [cschwab1@cox.net]
Sent: Sunday, May 07, 2017 2:20 PM
To: Cox, Greg@Coastal
Subject: Please vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

Dear Commissioner Cox,

I am writing to you to urge you to vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

I have not had the pleasure of meeting you, but hope to in the future. By reading your bio https://www.coastal.ca.gov/roster.html and your commitment to open space and beach access, I am confident you will see that paving over the east side alignment in Cardiff by the Sea would be a mistake of grand proportion. I invite you to come and visit this unique stretch of coastline and walk the path before the vote May 11. It is breathtakingly beautiful and full of biodiversity. After experiencing it firsthand, I am convinced you would not vote to destroy it when a much better alternative is available – an alignment along Highway 101. There is so little native open space along our coastline in San Diego – please please please don't vote to "develop" this last bastion of open space within a very developed Encinitas beach corridor.

I trust you are hearing from many others, including our Mayor and City Council. I anticipate that a NO vote on May 11 will precipitate a huge, loud public outcry, an eventuality that is so unnecessary. I hope we can work together to finally get this project right, and to build it where it belongs, along Highway 101, without destroying unique open space. A Yes vote is the right thing to do for both the public and our environment.

Thank you in advance for listening. Please let me know if I can help you experience or learn more about this unique open space. Trust me – it'll be one of the nicest walks you'll ever have within a densely developed city corridor.

Sincerely,
Charles J Schwab
1509 Summit Ave.
Cardiff by the Sea,
CA 92007-2433
E-mail cschwab1@cox.net
Cell Phone 760-613-8698

CoastalNCCPWP

From: Sarah Schwab <sarahpschwab@gmail.com>
Sent: Wednesday, May 03, 2017 10:03 AM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Subject: Preserve Cardiff Rail Corridor - Vote YES on #18a

Dear Commissioner,

I urge you to vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

Please stop paving over California's natural beauty. You would be personally responsible for the deaths of thousands of local plants and animals. Please preserve our wildlife, sense of beauty, and freedom.

Coast Highway 101 needs the improvements and the alternative would be to pave over our open space in the Cardiff Rail Corridor which would block our beach access and remove over 100 free parking spaces that the public currently uses for beach access and sunset viewing. Also at risk in the corridor are native plants, sandstone bluffs, wildflowers, a meandering path, and homes to a countless variety of wildlife.

Stop wasting the city's money.

Sincerely,
Sarah Schwab
Concerned Cardiff Resident

CoastalNCCPWP

From: J K <jkencinitas@hotmail.com>
Sent: Monday, May 01, 2017 2:13 PM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Subject: Preserve Cardiff Rail Corridor - Vote YES on #18a

Dear Commissioner,

As a 30+ year encinitas homeowner and resident, I urge you to vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

Coast Highway 101 needs the improvements and the alternative would be to pave over our open space in the Cardiff Rail Corridor which would block our beach access and remove over 100 free parking spaces that the public currently uses for beach access and sunset viewing. Also at risk in the corridor are native plants, sandstone bluffs, wildflowers, a meandering path, and homes to a countless variety of wildlife.
If you walk the natural trail on the east side of the tracks, as I and many Encinitas residents have over the years, you will find that is a small oasis which gives one the feel of the way the area was before development and takes the walker out of that "man-made" or urban setting. Fences and asphalt will not give people a even a small sense of "nature". The only thing left will be the view of the ocean, which is more readily available from a path on the west or ocean side of the tracks.

Sincerely,
John Kerr
homeowner and resident
641 Melba Rd., Encinitas, 92024

From: J K [jkencinitas@hotmail.com]
Sent: Wednesday, May 03, 2017 6:09 PM
To: Cox, Greg@Coastal; coastalrailtrail@gmail.com
Subject: encinitasrail trail vote

Hi Commissioner Cox,

I'm a thirty-seven year homeowner and resident of Encinitas, buying my home when Encinitas was still an unincorporated part of San Diego County. I have seen many positive changes, and a few negative ones as well. Unfortunately, i feel a trail on the eastern side of the tracks would be another negative change.

I live about a mile east of the proposed "rail trail", so my property is not directly effected by it, but feel my communities quality of life will be adversely effected. I also feel the character and openness of the trail area will be adversely effected. Erecting a fence and creating a paved "road" as a "trail" will do much to lessen (if not totally destroy) the natural feel of the current bluffs and fauna, as well as the all important ocean view from the eastern side of the railroad tracks. It will not greatly improve walking/biking access to Encinitas. Currently that is located on the west side of the tracks. The proposed west side plan greatly improves this access. It puts bikers and walkers closer to the ocean view, while allowing for traffic AND bike/pedestrian flow in both directions. The Coast Highway option seems to me the most efficient and effective.

Let us first note that the trail will mostly be used for recreation and as a "tourist" attraction. People will come from the surrounding neighborhoods and communities to stroll, jog, and bike in proximity to the ocean. And let's not forget that the city of Encinitas is becoming a bigger national and international tourist destination ever year. This type of trail will be extremely popular with visiting out-of-towners, with the proximity to the ocean their focal point. Besides the disruption of the view by a proposed fence, frieght trains have been/will be parked along this section of tracks, further disrupting the ocean view. A trail on the west side of the tracks accentuates both traffic flow and ocean proximity for all.

I regularly drive San Elijo Road, and although a narrow sidewalk-less street, it is a main artery in the Encinitas community. It connects the Cardiff District to Old Encinitas, and on into the Leucadia District. San Elijo's use keeps residents and commuters from weaving through the residential streets nearby. There are numerous homes and multi-unit residences along this road east of the railroad tracks. Residents regularly park along the unimproved side of the trail. This parking will be lost, and that will result in more crowding along the east side of a narrow San Elijo Road and a clogging of the equally narrow surrounding roads. Undoubtedly, bikers, joggers, walkers and tourists will drive to the area, attempt to park, and from there access the trail. This will intensify lack of street parking and road congestion. So besides the aesthetic/environmental effects of an eastern trail, there will be negative impacts on traffic flow due to an influx of cars and people leading to an increase in traffic incidents; including car/bike, car/pedestrian, and bike/pedestrian accidents .
In summation, for an aesthetically pleasing, safe, community and traffic-friendly trail, the proposed trail plan using the west side of the tracks is the logical choice.
As a member of our Coastal Commission, I know you understand the difficult process of facilitating progress while simultaneously improving and continuing a communities quality of life. Hope you'll agree with my thoughts and VOTE YES on agenda item #18a to build the SANDAG rail trail west of the railroad tracks in the Encinitas corridor and improve and protect our community's quality of life.

Sincerely,
John Kerr
641 Melba rd.
Encinitas, CA. 92024

CoastalNCCPWP

From: Nancy Andon <andonnancy@gmail.com>
Sent: Sunday, April 30, 2017 7:21 PM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Subject: Preserve Cardiff Rail Corridor - Vote YES on #18a

Dear Commissioner,

I urgently ask you to reconsider your decision and vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101. Encinitas residents DO NOT want to ruin the iconic beauty and open space of our coastline. We care deeply about this issue; indeed, it is essential to the character of our community. We would much rather have no "improvements" at all than fence off and destroy the natural beauty of our home.

I have lived in The Cardiff by the Sea neighborhood of Encinitas for 17 years now, and I use this space on a nearly daily basis, as do many of our residents. I think the Coastal Commission cannot possibly understand the beauty and value of this open space without having lived here. The SANDAG plan is much better for our community, and a perfectly viable alternative. Coast Highway 101 needs the improvements and the alternative would be to pave over our open space in the Cardiff Rail Corridor which would block our beach access and remove over 100 free parking spaces that the public currently uses for beach access and sunset viewing. Also at risk in the corridor are native plants, sandstone bluffs, wildflowers, a meandering path, and homes to a countless variety of wildlife.

Sincerely,
Nancy L. Andon
1543 Kings Cross Drive
Cardiff by the Sea, CA 92007

Sent from the desk of a VIP

CoastalNCCPWP

From: Jennifer Benedict <jlesliebenedict@gmail.com>
Sent: Monday, May 01, 2017 3:31 PM
To: Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; marl.vargas@coastal.ca.gov
Subject: Please consider the sandag plan along 101, for our bike path ~

My Name is Jennifer Benedict and I've lived and biked along 101 for 35 years, from my home at 1689 San Elijo Ave., Cardiff, Ca and I of course favor the west side of the RR Tracks, for the placement of the path !!! where we are able to enjoy the ocean !!!

Sincerely,

Jennifer

CoastalNCCPWP

From: Judy Berlfein <judyberlfein@gmail.com>
Sent: Wednesday, May 03, 2017 3:27 PM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: Encinitas Coastal Rail Trail

Dear Coastal Commission members,

As a resident of Encinitas, I support building the Cardiff section of the Coastal Rail Trail on Hwy 101. Encinitas needs better infrastructure for bikes and this would be a great enhancement. It would serve residents and out-of-town visitors as well. I encourage you to vote for building the Cardiff section of the Coastal Rail Trail on Hwy 101.

Best regards,

Judy Berlfein
1145 Stratford Dr.
Encinitas, CA 92024

From: Inge Bisconer [Inge.Bisconer@toro.com]
Sent: Thursday, May 04, 2017 8:39 AM
To: Cox, Greg@Coastal
Subject: RE: Please vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

Dear Commissioner Cox,
I wanted to add a visual to my message below – this is the sliver of precious open space that a No vote will destroy.
Please vote Yes on #18a May 11 to build the SANDAG Coastal Rail Trail along Highway 101, which is already paved, instead of this open space!
Respectfully,
Inge Bisconer

Inge Bisconer
Technical Marketing and Sales Manager | Micro-Irrigation Business
The Toro Company
619-507-2920 (cell) | 619-596-5291 (office) | inge.bisconer@toro.com
Learn More: Education Resources

From: Inge Bisconer
Sent: Wednesday, May 3, 2017 4:14 PM
To: 'Greg.Cox@coastal.ca.gov' <Greg.Cox@coastal.ca.gov>
Subject: Please vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

Dear Commissioner Cox,

I am writing to you to urge you to vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

I have not had the pleasure of meeting you, but hope to in the future. By reading your bio https://www.coastal.ca.gov/roster.html and your commitment to open space and beach access, I am confident you will see that paving over the east side alignment in Cardiff by the Sea would be a mistake of grand proportion. I invite you to come and visit this unique stretch of coastline and walk the path before the vote May 11. It is breathtakingly beautiful and full of biodiversity. After experiencing it firsthand, I am convinced you would not vote to destroy it when a much better alternative is available – an alignment along Highway 101. There is so little native open space along our coastline in San Diego – please please please don't vote to "develop" this last bastion of open space within a very developed Encinitas beach corridor.

I trust you are hearing from many others, including our Mayor and City Council. I anticipate that a NO vote on May 11 will precipitate a huge, loud public outcry, an eventuality that is so unnecessary. I hope we can work together to finally get this project right, and to build it where it belongs, along Highway 101, without destroying unique open space. A Yes vote is the right thing to do for both the public and our environment.

Thank you in advance for listening. Please let me know if I can help you experience or learn more about this unique open space. Trust me – it'll be one of the nicest walks you'll ever have within a densely developed city corridor.

Sincerely,
Inge Bisconer
1561 Summit Ave
Cardiff, CA 92007
619-507-2920
ibisconer@cox.net

CoastalNCCPWP

From: Stuart Blumer <sblumer4@cox.net>
Sent: Sunday, April 30, 2017 6:03 PM
To: Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; Buhr, Gabriel@Coastal
Subject: Rail Trail in Cardiff

Please approve the SANDAG Plan to build the rail trail along Coast Highway 101 in Cardiff.

Thank you,

Stuart M. Blumer
1729 Rubenstein Drive
Cardiff, CA 92007

From: Jack Bucci [jackbucci@gmail.com]
Sent: Tuesday, May 02, 2017 12:01 PM
To: Cox, Greg@Coastal
Subject: COASTAL RAIL TRAIL THROUGH CARDIFF

Dear Supervisor Cox

You and I have met on a number of occasions. I am recently retired from the DA 's office and was past president of our DDA association. I'm writing to ask that you support the Coastal Trail on the west side of the rail corridor running through old Encinitas. I live in Encinitas and believe that the plan makes great sense. Take care and thank you for your may years of service to the County of San Diego.

Giacomo Bucci

CoastalNCCPWP

From: Nancy Burns <nburns@cox.net>
Sent: Sunday, April 30, 2017 12:08 PM
Subject: Keeping Rail Trail on the WEST SIDE

I am writing this in hopes of keeping the rail trail where it is proposed, on the west side.
I have lived in the same home in Cardiff for 31 years with my husband. We have raised two amazing kids who also love and appreciate what Cardiff by the Sea has to offer.
We have enjoyed the natural open space along the east side of the tracks almost every day. I would walk our kids and dog along the path daily and was so appreciative of the natural beauty that surrounded us. I have also used and enjoyed the existing paths on the west side while walking and biking and have felt so fortunate to be able to be that close to the ocean. It makes no sense to me to not keep the trail where it already exists, on the west side. The proposed improvements would cost less money and be less obstructive to all of the local residents that live here if we keep it on the west side. Not to mention saving the sand bluffs and the native plants.

I ask you, have you driven on San Elijo/Vulcan close to sunset time and looked at all the cars parked off the road? People with guitars sit in the back of trucks, people with cameras and phones are out to take pictures, a hammock is set up between trees, couples holding hands and enjoying natural beauty. What are we thinking if we destroy all of that? Let's not forget, how about a fence that would obstruct the view and access to the beach.

When making your decision, think how you would feel if this was right in your front yard. Wouldn't you rather just make the improvements to the existing trail and keep open space the way it is?

Thank you for your time.

Nancy Burns
1625 Summit Ave.
Cardiff

CoastalNCCPWP

From: Seth Chalnick <seth@sethchalnick.com>
Sent: Friday, April 28, 2017 12:58 PM
To: seth@sethchalnick.com
Subject: sandag plan

Hello, and please approve the SANDAG Plan to build the rail trail along Coast Highway 101.

Thank you,

sc

Seth Chalnick, Broker
2093 San Elijo Avenue, Cardiff, CA 92007
619.251.8803
BRE: 01343733 / NMLS: 246403
SHORELINE PROPERTIES

From: Mimi Cole [mimibysea@cox.net]
Sent: Thursday, May 04, 2017 2:31 PM
To: Cox, Greg@Coastal
Subject: I am a retired grandmother living in Cardiff by the Sea.

Please vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.
My entire family would appreciate your help.

Amelia Cole
1571 Summit Ave.
Cardiff by gthe Sea, CA 92007

CoastalNCCPWP

From: traci conway <tinkerdeva@gmail.com>
Sent: Wednesday, May 03, 2017 1:50 PM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Subject: Preserve Cardiff Rail Corridor - Vote YES on #18a

Dear Commissioner,
I am a local girl of over 40 years in Encinitas. I have seen many changes over the years in our once little city, and have seen Encinitas grow in population as well. We must preserve the Cardiff rail. To destroy it would take away from the few last areas in which made our city charming. It would be an abomination to the locals who adore this trail, and look forward to when all the flowers bloom in the spring! And what about the wildlife? Please I beg you to keep this trail unharmed so people like me can run it!!!! This is SO UNNECESSARY!!!!!!
I urge you to vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

Coast Highway 101 needs the improvements and the alternative would be to pave over our open space in the Cardiff Rail Corridor which would block our beach access and remove over 100 free parking spaces that the public currently uses for beach access and sunset viewing. Also at risk in the corridor are native plants, sandstone bluffs, wildflowers, a meandering path, and homes to a countless variety of wildlife.

Sincerely,
Traci Malia Conway
1412 Avenida de las Adelsas

Sent from my iPhone

CoastalNCCPWP

From: Rahul Deshpande <deshpande_rn@yahoo.com>
Sent: Wednesday, May 03, 2017 2:22 PM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Cc: Cardiff Town Council
Subject: Agenda Item 18a – Coastal Rail Trail (Cardiff Section) - Input from Cardiff Town Council

Dear Coastal Commissioners,

I am writing on behalf of the Cardiff Town Council Board of Directors to express our support for the SANDAG/City of Encinitas plan for the Cardiff section of the Coastal Rail Trail. The portion of the CRT to the south is along Highway 101, away from the rail corridor. It makes sense to keep this alignment, preserving the bluffs in the Cardiff portion north of Chesterfield in the rail corridor for similar environmental reasons.

Having seen the potential for a wide bicycle highway in the eastern alignment, there seems to a broad community consensus to keep CRT on Highway 101. This is a much-needed amenity supported by our elected Encinitas City Council and Mayor. The 101 alignment links San Elijo Campground to Encinitas' commercial district and offers access to the broader community to beaches and coastline. The improvements will allow for safer and more pleasant mobility options. This is desperately needed.

The City of Encinitas has established the Coastal Mobility and Livability Working Group (CMLS WG), which is developing a vision for the entire rail corridor in Encinitas. I am representing the Cardiff Town Council on the CMLS WG. Encinitas (including Cardiff) is bisected by the rail corridor, and developing a complete vision for the area will result in the best possible improvement, a community supported mobility option for the rail corridor. Between this improvement and the Coastal Rail Trail on Highway 101, the local community, and broader community will realize much improved mobility.

Board of Directors, Cardiff Town Council,
Rahul Deshpande,
President

CoastalNCCPWP

From: Patrick Dodd <preacherskid55@hotmail.com>
Sent: Monday, May 01, 2017 12:44 AM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Subject: Preserve Cardiff Rail Corridor - Vote YES on #18a
Attachments: IMG_6175.JPG

Dear Commissioner,

I urge and plead with you to vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

Coast Highway 101 needs the improvements and the alternative would be to pave over our beautiful open space in the Cardiff Rail Corridor which would block our beach access and remove over 100 free parking spaces that the public currently uses for beach access and sunset viewing. Also at risk in the corridor are native plants, sandstone bluffs, wildflowers, a meandering path, and homes to a countless variety of wildlife.

Attached is a photo of my wife and I taking a walk there just tonight. Please don't VOTE YES on #18a.

Sincerely,

Patrick Dodd
238 May Ct
Cardiff-by-the-Sea, CA 92007

CoastalNCCPWP

From: Patrick Dodd <patrickdodd@me.com>
Sent: Wednesday, May 03, 2017 4:51 PM
To: CoastalNCCPWP
Cc: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: Encinitas Rail Trail

Categories: Red Category

Dear Coastal Commissioner :

My name is Patrick Dodd, I live at 238 May Ct, Cardiff, CA 92007. I strongly support and request for your support to approve the Highway 101 alignment for the Cardiff portion of the Coastal Rail Trail. (Segment 39C, From Chesterfield Drive in Cardiff to 'E' Street in Encinitas.)

Why Highway 101 and Not East of the Rail Road Tracks?

- Because, Highway 101 improves beach access; it's where people want to ride, walk, run, meet friends, take selfies, and watch the sunset;

- Because, the Highway 101 project adds a bike lane in the southbound direction, adjacent to the day-use parking and campgrounds;

- Because, the Highway 101 alignment is preferred by an overwhelming majority of the community;

- Because, the Highway 101 alignment will make it much safer for many more cyclists, pedestrians, runners, etc. than the alternative east San Elijo Ave. option;

- Because unlike the east side the Highway 101 alignment will not reduce beach access or parking;

- Because Highway 101 will not have to pave over an existing open space natural area or destroy native plants and habitat;

- Because the Highway 101 alignment will cost substantially less than the east option.

The Cardiff segment of the coastal Rail Trail has been studied numerous times and discussed at multiple public hearings over a decade or more. We have had numerous false and costly starts, but we now have a clear picture of the needs of the community, a plan to accommodate the various stakeholder groups, and most importantly a funding source.

The proposed plan is a consensus of the Cardiff community, City, and regional agencies to:

(1) Construct the regional coastal rail trail project on Highway 101 now.

(2) As additional funding becomes available, add a below grade railroad crossing near Verdi Av., for safe pedestrian access through the rail corridor to the beach.

(3) Work with the City to provide community improvements along San Elijo Ave with a low-impact-design to help accommodate safe local travel for cyclists and pedestrians throughout our coastal communities. Please help our Cardiff community move forward by approving the Highway 101 alignment for the Coastal Rail Trail.

Sincerely,

Patrick Dodd • pdodd.com • @p_dodd • +1.619.709.1609

CoastalNCCPWP

From: Bill Fairchild <fchild@cox.net>
Sent: Sunday, April 30, 2017 2:47 PM
To: Cox, Greg@Coastal
Subject: Coastal Rail Trail through Cardiff VOTE ON mAY 11TH

The California Coastal Commission will decide whether 1.3 miles of the Coastal Rail Trail through Cardiff will be located east or west of the railroad tracks at a public hearing on May 11. The outcome will be significant for Encinitas. Also the community does not want the coastal rail trail on the East side. WE LIVE HERE & SHOULD HAVE A SAY!

Our argument is that placing the bike path along Highway 101 will more successfully achieve the goals of the project than placing the bike path east of the railroad track. The bike lanes to our north in Carlsbad and Solana Beach to the south run along Highway 101. We want to continue the path along the routes folks are already using, and not force them to detour inland.

Logically, it makes sense for this bicycle highway to be on Highway 101, where the ground is already paved; it's a more direct route for bike commuters, and cyclists won't have to cross the railroad tracks and navigate the intersection at Chesterfield. And it goes without saying that it's a stunningly scenic route overlooking the ocean bluff.

I urge you to vote to have the trail on the West side of Highway 101!

William Fairchild
Cardiff By The Sea

Virus-free. www.avast.com

CoastalNCCPWP

From: Doug Fiske <dougkfiske@gmail.com>
Sent: Sunday, April 30, 2017 10:16 AM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: Cardiff Coastal Rail Trail

Dear Public Servants,

It makes the most sense to place the Coastal Rail Trail through Cardiff on Highway 101.

Considering placing it elsewhere has been an enormous waste of time and money.

Doug Fiske
Encinitas

CoastalNCCPWP

From: Linda Goldstein <lgoldstein@cox.net>
Sent: Monday, May 01, 2017 10:06 PM
To: Buhr, Gabriel@Coastal
Subject: Coastal Rail Trail through Cardiff

I am writing to ask that you and the other members of the Coastal Commission vote in favor of locating the 1.3 mile rail trail from Chesterfield Dr. to Santa Fe Dr. on the *west* side of the railroad tracks, rather than the east.

I believe the paved bicycle route will be better located adjacent to Highway 101 as it is in Solana Beach and Carlsbad, providing bicyclists with a continuous stretch of riding surface, rather than requiring them to detour inland.

I also want to express my support for maintaining the natural landscaping of the walkable paths currently located east of the tracks along San Elijo Avenue where the rail trail is proposed. If you've had the opportunity to drive by that area recently, you know how beautiful are the wildflowers blooming there. I have stopped many times recently to take photos and enjoy walking the among them. I believe it would be a terrible shame and loss of community character to replace it with a paved asphalt stretch for bicyclists, when the necessary surface could be so easily located west of the tracks.

Thank you for your consideration in this matter and I hope you will vote to place the new rail trail *west* of the railroad tracks, adjacent to Highway 101.

Sincerely,

Linda Goldstein
Leucadia resident 40 years

CoastalNCCPWP

From: Philip Graham <phil@grahamforcouncil.com>
Sent: Thursday, April 27, 2017 2:21 PM
To: Buhr, Gabriel@Coastal
Cc: coastalrailtrail@gmail.com
Subject: Encinitas Rail Trail

Dear Commissioner Buhr:

My name is Philip Graham, I live at 697 South Coast Hwy 101, in Encinitas.

I strongly support and request for your support in approving the Highway 101 alignment for the Cardiff portion of the Coastal Rail Trail. (Segment 39C, From Chesterfield Drive in Cardiff to 'E' Street in Encinitas.)

Thank you and best regards,
Philip Graham

From: Jill Hacker [jillhac@gmail.com]
Sent: Monday, May 01, 2017 8:18 PM
To: Cox, Greg@Coastal
Subject: Vote YES

PLEASE vote YES to the Sandag 101 plan. PLEASE save our open space

Sincerely, Jill

From: Gary Hamilton [ghamilton@hpacific.com]
Sent: Tuesday, April 18, 2017 10:09 AM
To: Cox, Greg@Coastal
Subject: Sandag CRT - Cardiff Section

Dear Greg,
I kindly ask you to vote YES. The Cardiff Section is currently unsafe and really needs this upgrade.

Thanks,
Gary Hamilton

CoastalNCCPWP

From: Janet W. <sunnysocal2004@gmail.com>
Sent: Thursday, May 04, 2017 7:17 AM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Subject: Preserve Cardiff Rail Corridor - Vote YES on #18a

Dear Commissioner,

I urge you to vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

Coast Highway 101 needs the improvements and the alternative would be to pave over our open space in the Cardiff Rail Corridor which would block our beach access and remove over 100 free parking spaces that the public currently uses for beach access and sunset viewing. Also at risk in the corridor are native plants, sandstone bluffs, wildflowers, a meandering path, and homes to a countless variety of wildlife.
Please don't let the beauty and open spaces of our town be destroyed. I have lived here my whole life since I was two and would love for future generations to be able to see and experience the beauty of our area! These treasures and the lagoons are important things that help keep us from turning into a concrete LA!
Sincerely,
** your name & address (must be included)** Janet Wilkens
1470 Mackinnon Ave.
Cardiff by the Sea, CA
Sent from my iPhone

CoastalNCCPWP

From: Dave Kachorek <davek@firestonebeer.com>
Sent: Saturday, May 06, 2017 8:18 AM
To: Buhr, Gabriel@Coastal
Subject: Fwd: Rail Trail - independent Local Resident feedback

Dear Gabriel -
I find myself this morning still unable to shake the idea that the proposal for the San Elijo Ave 'Rail Trail' may still go through. I am really discouraged and felt I needed to write.

I have been born and raised in coastal Encinitas and I cannot begin to say how many memorable moments, sunsets, morning and evening walks I have spent at what we all call 'the bluff'.

3-5 nights a week you'll still find my truck backed in watching the sunset, flowers, and people going by. My Mom and Dad drove me to and from school every day along 'the bluff' and it was the main spot that I always wanted to visit first coming home from college each time from San Luis Obispo.

To me, It feels like this is one of the last natural coastal viewing locations we have and I felt I needed to write to give one more local's perspective on why this area is so important.

Thank you for listening, please help to preserve this area by putting the rail trail on the west part of coast hwy 101.

Have a wonderful afternoon, I would be more than happy to meet in person to discuss.

Dave Kachorek
760.576.7863

Get Outlook for iOS

From: Rich Kelso [surfkelso@aol.com]
Sent: Monday, April 17, 2017 7:23 AM
To: Cox, Greg@Coastal
Subject: SANDAG CRT-Cardiff section

Just wanted to let you know that I support the SANDAG CRT -Cardiff section ON coast highway 101.

I am a local retired high school teacher and have been bike riding highway 101 since 1987 (30 years). Highway 101 is so scenic and is the perfect choice to spend public money for improvements.

By voting yes for coast hwy 101,
bike safety will definitely be improved.

Thank you Commissioner Cox.

Sincerely,

Rich Kelso
Encinitas resident for 30 years

From: markowen1@cox.net [markowen1@cox.net]
Sent: Monday, May 01, 2017 4:49 PM
To: Cox, Greg@Coastal
Subject: rail trail

Why are they talking about moving the rail trait after we voted on it to be next to 101 an with in budget ? Also who pays if it is not under budget on the the rail side?

CoastalNCCPWP

From: Emily Ligotti <emily.ligotti@gmail.com>
Sent: Monday, May 01, 2017 10:36 AM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Cc: Catherine Blakespear
Subject: Please allow placement of rail train along highway 101

Hi-

I am a long time resident of Encinitas and I am excited for the new rail trail in our corridor.
I would prefer the placement of the rail trail to be along highway 101 - not in the dirt east of the railroad tracks.

The rail trail along the ocean will be used by so many more people. I think improvements to this spectacularly scenic section of travel will even encourage more people to ride or walk. I just don't get excited about riding or walking along a path in the rail corridor, especially in this section when there is a path that has some of the most spectacle views in all of San Diego.

Associating a safe, beautiful corridor for biking and walking is great advertising for the rail trail improvement project, it will be a "feel good" that people will associate with the Coastal Commission and other city leadership.

Please think hard about what really will make a difference and is a good fit for the people that live and visit this area.

Bike trail along 101!!

Thanks, Emily Ligotti

CoastalNCCPWP

From: Daniel Littrell <djlittrell@gmail.com>
Sent: Monday, May 01, 2017 6:54 AM
Subject: Cardiff Coastal Rail Trail

Hello,

I was made aware of an upcoming meeting in which the CCC will vote on the placement of the Rail Trail through Cardiff.

I would like to express my support for a plan that includes a bike path **WEST OF THE RAILROAD CORRIDOR**.

All other proposals that I have seen include destruction of sensitive native spaces along the corridor which are a rarity in this area. Also, if the intention of the bike path is to increase bicycle ridership and reduce cars on the road, the only plan that makes sense is to **continue and improve the path along highway 101**.

Please use your vote wisely and in a way that will not lead to more destruction of our sensitive coastline.

Thank you,
Daniel Littrell

Photo of my family enjoying the beautiful native flowers along the rail corridor:

From: basedoc3@aol.com [basedoc3@aol.com]
Sent: Tuesday, May 02, 2017 9:17 AM
To: Cox, Greg@Coastal
Subject: SANDAG101

Morning Mr. Cox,

our names are Raymond and Gayle Lupacchini, our home is located at 2508 & 2510 Manchester av here in Cardiff , we firmly believe that losing more open space today, will adversely effect our daughter and future grand-babies lives in the near future; the VOTE for the lives and well being of Cardiff residents current and future is May 11th.....we hope that You and your fellow commissioners will consider the views of residents and not be swayed by the vested interest of the RR Company.

In closing Mr. Cox, consider the fact that our area already suffers traffic where there was not so much just back in 2010.....adding to potentially more, is a real nightmare and takes away from the charm that we are blessed to share and hold for the future generations.....please re-consider what is best for the future and not be swayed by those that have $$$ as their main goal and are very short sighted in decision making.

Sincerely,
Raymond and Gayle Lupacchini

CoastalNCCPWP

From: Linda Martin <tmartinfam@gmail.com>
Sent: Sunday, April 30, 2017 12:23 PM
To: Cox, Greg@Coastal
Subject: Rail / trail
Attachments: rail trail.gif

I am in favor of the bicycle highway to be on Highway 101 where it is already paved.
Please see attachment.
Thank you,
Tom and Linda Martin

From: M Matheson [oceanlove62657@gmail.com]
Sent: Tuesday, May 02, 2017 11:14 AM
To: Cox, Greg@Coastal
Subject: save our open space

Dear Mr. Cox,

As a 3rd generation Solana Beach resident I am writing to you to voice my concerns about our beautiful coastlines and open space along the lagoon. Please approve the 101 plan and please preserve the Cardiff rail trail. We have lost so many native plants and wildlife due to all the construction and increase in homes being built and there is so little natural habitats left in our area. Please do not let special interest and greed ruin something that once it is lost it can never be replaced again.

Respectfully,
Mary C. Matheson

CoastalNCCPWP

From: Peggy McCallum <pmccallum1@yahoo.com>
Sent: Monday, May 01, 2017 8:14 AM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Subject: Preserve Cardiff Rail Corridor - Vote YES on #18a

Dear Commissioner,

As 30 year residents of Cardiff, we support the west side Coastal Rail Trail in our beautiful town. We value the natural open space, native plants and animals, natural paths, and yes, the much needed parking all along San Elijo. For 30 years we have walked our dogs, checked the surf, enjoyed the beautiful vistas, and watched the ever-changing landscape there as we did this year with the unprecedented superbloom. We would like to keep enjoying these simple pleasures. Please vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101. The alternative is not acceptable.

Peggy and Steve Mayfield
1238 Sea Village Drive
Cardiff, CA 92007

CoastalNCCPWP

From: Carole Mayne <cmaynestudio@gmail.com>
Sent: Monday, May 01, 2017 7:13 AM
To: Buhr, Gabriel@Coastal
Subject: Keep Rail corridor on 101, please

We don't support or wish to see fencing and additional hard scape in our beautiful coastal town. Keep the bicycles on the Highway.
Chris and Carole Mayne and family
46 yr residents of Leucadia

--
View my artwork at: www.carolemayne.com

CoastalNCCPWP

From: Juli Risner, Grounded <juli@grounded101.com>
Sent: Saturday, April 29, 2017 12:56 PM
To: CoastalNCCPWP
Subject: Please approve the NOID for the west-side Coastal Rail Trail in Encinitas

My name is Juliana Risner and I have been an Encinitas small business owner for 13 years and a resident for over 25 years. I live at 1574 Rubenstein Ave in Cardiff and I own a retail store called Grounded on Coast Hwy 101 in downtown Encinitas.

I understand that there is a lot of controversy over placing the SANDAG project for the Coastal Rail Trail on the west side of the train tracks vs. the east side. At first glance, an east side alignment may seem like the obvious choice, but obvious does not equal the best long-term option. Here's why I think it should go on the west side of Coast Hwy 101, as proposed by SANDAG and supported by the majority of the Encinitas City Council.

1) It's consistent with the inbound segment of the trail that will be coming from Solana Beach across San Elijo Lagoon. This will mean that we can easily go back and forth from Encinitas to Solana Beach to exercise, eat and shop. **The better the connectivity, the more likely we are to use the trail in place of car trips (not just for recreation and walking dogs).**
2) The west side alignment significantly **improves the safety of the serious cyclists by adding a bike lane to southbound Coast Hwy 101**. No one who is a serious cyclist is going to detour across the train tracks to a 1.3-mile stretch of trail on the east side. They're going to continue to ride on Coast Hwy 101 and they deserve a safe solution.
3) **It also protects the casual cyclist and pedestrian.** It allows slow, recreational riders to have more space alongside the pedestrians and enjoy the incredible ocean views!
4) It **preserves beach access.** The east side alignment would immediately trigger a fence along the tracks and eliminate beach access for everyone who lives immediately east of the tracks and for those who park along San Elijo Ave to access the beach. I know folks are not supposed to cross the tracks illegally but the fact of the matter is that hundreds of people cross safely every day and the vast majority of fatalities have been tragic suicides.
5) By improving the 101 and not adding infrastructure to the small open space, the community can decide how to **preserve the natural bluffs along the east side of the tracks and what's left of the native plant species we have left along the corridor**. We can, hopefully, figure out a plan to underground the tracks down the road and improve the quality of life and safety for everyone who uses the corridor. **The more infrastructure we put next to the tracks, the harder it will be to pursue the long-term goal that almost everyone agrees on: underground the tracks!**
6) The west side alignment is significantly **less expensive and the funding exists for it**. It makes no sense to derail a good project after so much effort has gone into it with numerous community meetings, city council votes, planning, etc.

7) Street improvements are needed on San Elijo Ave as well…but that issue should be handled separately by the City of Encinitas to achieve the same goals: better bike and pedestrian safety, preserve beach access, don't add train noise, don't add additional obstacles to undergrounding the tracks.

There will never be a perfect solution in an already developed coastal corridor and there will always be some disagreement among stakeholders. However, please don't throw away a great solution that achieves the primary goals of the coastal rail trail and allows for future flexibility in developing long-term beach access, train and traffic solutions.

Thank you for your time and service.

Sincerely,

Juliana Risner

1574 Rubenstein Ave
Cardiff, CA 92007
juli@grounded101.com
760-420-5006

CoastalNCCPWP

From: Sarah Mettee <sarahmettee@hotmail.com>
Sent: Monday, May 01, 2017 8:09 PM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; Brownsey, Donne@Coastal
Subject: Coastal Rail Trail: Vote in Support of the City of Encinitas & SANDAG

Coastal Commissioners,

I urge you to vote in support of the City of Encinitas and SANDAG's plan to build the Coastal Rail Trail **on Highway 101** through Cardiff.

Citizens responded through a vote to preserve our natural landscape and save parking, important to both businesses and residents in Cardiff.

Furthermore, aligning the bike path with where cyclist cycle is just logical. The bike lanes to our north in Carlsbad and to our south in Solana Beach run along Highway 101. Forcing a detour inland in Cardiff will just cause even more traffic congestion at our Chesterfield intersection. Not to mention the likelihood of cyclists avoiding the path all together to continue their journey on Highway 101.

Please do consider the citizens have already spoken.

Thank you for reconsidering your staff recommendation.

Sarah Mettee
Cardiff Resident
SarahMettee@hotmail.com

CoastalNCCPWP

From: david.painter@cox.net
Sent: Monday, May 01, 2017 8:44 AM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Subject: Cardiff Rail Trail

Importance: High

As a resident/homeowner and head of household yards away from the railroad here I strongly urge to Coastal Commission to consider how the East Side alignment as proposed for the Cardiff rail trail limits access to our beaches that the Coastal Commission should be making accessible to the public.

The railroad as currently implemented with the added East Side alignment of the rail trail is a travesty and severely limits parking and access across the tracks to the beach.

The correct solution is to trench and cover the tracks with walkways going to and from the beach connected to parking and residences on the east.

Any solution like the east side rail trail that limits parking and access to the beaches here should be denied by the Coastal Commission until a complete plan is approved for this publicly owned railroad by the citizens that live near these tracks.

I represent a household of 6 people who all are strongly against the East side rail trail as proposed by SANDAG and NCTD.

David Painter
Montgomery Ave, Cardiff by the Sea

From: Chris Peck [chris@pozo.org]
Sent: Sunday, May 07, 2017 9:03 AM
To: Cox, Greg@Coastal Subject:
Fwd: Cardiff Rail Trail proposal - Coastal Commission on May 11

Greg,

Can you please vote **YES on the SANDAG Highway 101 proposal** and no on the Cardiff Rail corridor bike path. See pictures below.

It doesn't make sense to tear up native plants to lay a concete bike path East of the tracks. Carlsbad, Leucadia, Solana, and Del Mar will all have the path on 101 - so it makes no sense to route people inland at Cardiff along Vulcan. People won't veer inland - they will continue to walk/ride on 101 path or not - and you are tearing up huge amounts of precious native habitat to lay concrete. Makes no sense.

People go to the beach to run/bike/walk along the coast - not Vulcan.

Happy to meet you out there and go for a walk in the affected areas if you want to see for yourself. Can you let me know that you got this email, and if have any questions feel free to call me.

Thanks,
Chris
Encinitas, CA
e: chris@pozo.org p: (619) 929-2081

CoastalNCCPWP

From: Courtney Poole <courtneyrosepoole@gmail.com>
Sent: Monday, May 01, 2017 11:57 AM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Subject: Preserve Cardiff Rail Corridor - Vote YES on #18a
Attachments: Laren&Cade.jpg

Dear Commissioner,

I urge and plead with you to vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

Coast Highway 101 needs the improvements and the alternative would be to pave over our beautiful open space in the Cardiff Rail Corridor which would block our beach access and remove over 100 free parking spaces that the public currently uses for beach access and sunset viewing. Also at risk in the corridor are native plants, sandstone bluffs, wildflowers, a meandering path, and homes to a countless variety of wildlife.

Attached is a photo of my husband and baby boy taking a walk there just a few weekends ago. Please don't VOTE YES on #18a.

Sincerely,

Courtney Poole

1342 Summit Ave.

Cardiff-by-the-Sea, CA 92007

CoastalNCCPWP

From: Kris Powell <fit2bewell@gmail.com>
Sent: Tuesday, May 02, 2017 9:26 AM
To: Buhr, Gabriel@Coastal
Subject: Cardiff Rail Trail

I am and have been a resident of Cardiff by the Sea for the past 36 years.
I strongly favor the Cardiff Rail Trail proposed design to be created along the west side of Highway 101 as proposed by the City of Encinitas.
Thank you for your consideration.
Kris Powell

Sent from my iPhone

CoastalNCCPWP

From: Nicola Ranson <nicolabroad@cox.net>
Sent: Sunday, April 30, 2017 6:07 PM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Cc: Catherine Blakespear
Subject: Encinitas Rail Trail

Dear Coastal Commissioners,

As a long-time resident of Encinitas, and avid walker and bicyclist. I am writing to express my support for the City's propose that the trail go WEST of the railway alongside Highway 101.

I appreciate the work the Coastal Commission does, but on this issue I believe you are in error as the idea of the trail being east of the railway misses the point of having a continuous bike trail along our Coast. I bike on 101 and it is dangerous without a divider, but I have no desire to divert to Vulcan with all its thorns.

Thanks for your attention to this matter.

Yours,

Nicola Ranson

Nicola Ranson, LCSW
www.teaempathy.com
(760) 753-2604

The info in this email may be privileged & confidential and is for the sole use of recipient. If received in error please notify immediately & delete. Thank you.

From: Bill Rodewald [billr@harsch.com]
Sent: Monday, May 01, 2017 9:39 AM
To: Cox, Greg@Coastal
Subject: Coastal Rail Trail

Greg,

Please respect and appreciate the voice of the citizens of Encinitas and vote YES on the Sandag 101 plan to place the trail on the west side of highway 101.

Bill Rodewald, SIOR
Senior Vice President, Regional Manager

From: Susan Shenkal [sshenkal@gmail.com]
Sent: Wednesday, May 03, 2017 9:37 PM
To: Cox, Greg@Coastal
Subject: Yes on SANDAG 101 Plan

Dear Commissioner,

I urge you to vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

Coast Highway 101 needs the improvements and the alternative would be to pave over our open space in the Cardiff Rail Corridor which would block our beach access and remove over 100 free parking spaces that the public currently uses for beach access and sunset viewing. Also at risk in the corridor are native plants, sandstone bluffs, wildflowers, a meandering path, and homes to a countless variety of wildlife.

Like me and my family, there are many people who love to walk the trail (east of the rail tracks) everyday. It is the last piece of natural open space that we can all enjoy, even our canine family members. This spring has been especially wonderful because the winter rains produced a plethora of beautiful wild flowers. An anonymous angel built a bench in a tree near the Montgomery crossing that provides a fabulous spot to rest, read or just enjoy the scenery. It would be tragic to see this tranquil, natural path flattened and paved! It makes NO sense to those of us who live here because there already is a paved walking path on the west side of Hwy. 101. Why have two paved walkways that run parallel? **Please don't pave our last piece of natural paradise!**

Sincerely,
Susan & Yuval Shenkal
2235 Montgomery Ave.

Cardiff, CA 92007
(760)436-7799

CoastalNCCPWP

From: Eve Simmons <elksimmons@gmail.com>
Sent: Sunday, April 30, 2017 3:10 PM
To: Howell, Erik@Coastal; Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal
Subject: Cardiff Rail Trail

Dear Coastal Commissioners,

As residents living along Cardiff's railways, we want to express our support for the City of Encinitas' plan to place the proposed bike rail trail along Hwy 101. It's just common sense. No biker in their right mind will want to be forced to make a detour uphill to the east of the tracks for that short bit, and then detour back downhill to resume travel on 101.

Also, if there will be a median with vegetation, *please ensure that it does not include trees* - which would block the ocean views that we residents so treasure.

Thanks and Best,
Tom Simmons
Eve Simmons
Kyle Simmons
Lili Simmons

Cornish Dr. at San Elijo
Cardiff by the Sea, CA

From: stephdixon@gmail.com [stephdixon@gmail.com] on behalf of Stephanie Singer [stephbsinger@gmail.com]
Sent: Monday, May 01, 2017 9:06 PM
To: Cox, Greg@Coastal
Subject: Please support the 101 Rail Trail Plan

Dear Mr. Cox,

I'm emailing to request that you support the aesthetics of the North County community and vote support the 101 Rail Trail Plan. Thank you for your time.

-Stephanie Singer

CoastalNCCPWP

From: Jill Skowera <jeskowera@gmail.com>
Sent: Wednesday, May 03, 2017 10:34 AM
To: Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Subject: Preserve Cardiff Rail Corridor - Vote YES on #18a

Dear Commissioner,

I urge you to vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

Coast Highway 101 needs the improvements and the alternative would be to pave over our open space in the Cardiff Rail Corridor which would block our beach access and remove over 100 free parking spaces that the public currently uses for beach access and sunset viewing. Also at risk in the corridor are native plants, sandstone bluffs, wildflowers, a meandering path, and homes to a countless variety of wildlife.

I was drawn to Cardiff because of the way its residents enjoy and celebrate its natural beauty, its sense of community, and the active lifestyle. Cardiff outshines other cities in these regards. I've met countless neighbors and made connections with folks I otherwise would not have met simply by watching sunsets from the parking spaces along the corridor. We have the opportunity to preserve the natural beauty, the lifestyle, and the strong sense of community by making improvements along the 101 instead.

My best,

Jill Skowera

Email: jeskowera@gmail.com
Mobile: (630) 853-9892

From: jnsmith@cox.net [jnsmith@cox.net]
Sent: Sunday, April 23, 2017 3:33 PM
To: Cox, Greg@Coastal
Subject: Yes on west side rail trail

Please vote yes on sandag west side rail trail!!!
Jean smith

From: Colleen Veneri [coll.veneri@gmail.com]
Sent: Thursday, May 04, 2017 12:08 PM
To: Cox, Greg@Coastal
Subject: Coastal Rail Trail

Dear Commissioner,

PLEASE vote YES on the May 11th agenda item #18a to build the SANDAG Coastal Rail Trail along Highway 101.

I have lived in Cardiff for 32 years and I consider the bluff top along San Elijo Avenue to be a real treasure for our community. Losing this natural corridor to more concrete would be a disgrace. We need beauty in our lives!

Coast Highway 101 needs the improvements and the alternative would be to pave over our open space in the Cardiff Rail Corridor which would block our beach access and remove over 100 free parking spaces that the

public currently uses for beach access and sunset viewing. Also at risk in the corridor are native plants, sandstone bluffs, wildflowers, a meandering path, and homes to a countless variety of wildlife.

Sincerely,
Colleen Veneri
1366 Sea Village Dr
Cardiff, CA 92007

CoastalNCCPWP

From: Sean Wright <sean@cardencapital.com>
Sent: Saturday, April 29, 2017 8:08 AM
To: CoastalNCCPWP; Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; Garcia-Erceg, Nidia@Coastal
Subject: Alignment of the Cardiff section of the coastal rail trail, with pictures
Attachments: 20160124_083749.jpg; 20160124_083250.jpg; 20160124_083439.jpg

Dear Commissioners,

I have recently become aware that the Coastal Commission is recommending to put the Cardiff portion of the Coastal Rail Trail on the east side of the tracks rather than on coast highway. I have to express my sincere disappointment with this decision.

If you remember last year we fought a tremendous battle in Cardiff over the alignment of the Coastal Rail Trail. This eventually resulted in our city council changing its position and voting 4-1 to move the alignment to PCH. You might also remember that in the process the Coastal Commission received about 1500 emails from Encinitas residents supporting a west side alignment so that the Cardiff Rail Corridor could be preserved.

Many of you are not from Cardiff, so I thought it would be useful to include some pictures of the affected area. This is the last bit of undeveloped coastal habitat in the Encinitas area. It is really a beautiful place with native plants, sandstone formations, and lots of little critters. It has a natural path that runs through it that is used every day by walkers, joggers, kids, dogs, and all sorts of people who enjoy it. If you push ahead to have the rail trail here, this area will be paved over and destroyed for good.

I just went to your website to see your mission statement, which I have copied in below. If you are truly committed to protecting and enhancing California's coast and ocean, then the logical thing to do is put the rail trail on the west side of the tracks along PCH, which is already paved. That way we don't need any new pavement along the coast. It's also a lot cheaper. In addition, it would allow the rail trail to continue north from Solana Beach along PCH.

Please reconsider your decision. California's coastal habitat needs to be preserved, not paved over and destroyed.

Our Mission
Protecting & Enhancing California's Coast

The Commission is committed to protecting and enhancing California's coast and ocean for present and future generations. It does so through careful planning and regulation of environmentally-sustainable development, rigorous use of science, strong public participation, education, and effective intergovernmental coordination.

Kind regards,

Sean Wright

1657 Haydn Drive
Cardiff, CA 92007

Sean Wright
O' +1 (858) 410 0038 x700
C' +1 (619) 757 9098

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www.cardencapital.com

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CoastalNCCPWP

From: Julie <thunderfamily@cox.net>
Sent: Wednesday, May 03, 2017 9:11 AM
To: Cox, Greg@Coastal; Buhr, Gabriel@Coastal; Uranga, Roberto@Coastal; Howell, Erik@Coastal; Vargas, Mark@Coastal; Turnbull-Sanders, Effie@Coastal; Brownsey, Donne@Coastal; Faustinos, Belinda@Coastal; Orr, Trent@Coastal; CoastalNCCPWP
Subject: Item #18a - Staff Report Discrepencies

(cc: Gabe Buhr, NCCPWP)

Dear Coastal Commissioners,

There are some clear problems with the staff report that was recently published for the upcoming agenda item #18a (Thursday, May 11), SANDAG NOID to Place the Rail Trail on Highway 101.

#1. On page 31, mid way down the page, see this paragraph:
"Currently there is no existing fencing on San Elijo Avenue or Coast Highway 101 (except for along the perimeter of the San Elijo State Campground); however, the addition of a fence is proposed for both alignments, so it is not a distinguishing factor between the two alternatives, nor is the need for fencing an inconsistency, as Design/Development Strategy 4 in Chapter 5.7 (DDS4) clearly envisions the use of fencing for specific projects included in the NCC PWP/TREP. "

Stating that fencing in the two plans is "not a distinguishing factor" is such an egregious misstatement that one wonders if there are political forces at play here. To clarify:

West side Plan that SANDAG and the City of Encinitas approves and desires: Upgrades the existing barrier that is on top of a 50' high bluff located just south of Swami's Park to a taller and safer fence. There is NO beach access along this bluff and the current barrier is only 3' high, which is not enough to keep a child from falling down the bluff onto the boulders and ocean below. So, the west side plan's fencing is a great safety feature, does not limit beach access, and has no public opposition.

East side Plan staff is promoting: Adds a 1-mile long continuous 4' tall fence from Chesterfield to Santa Fe Drive, COMPLETELY blocking the entire Cardiff community's beach access.

Clearly, the addition of fencing in each of these options is very different from one to the other. One adding a much needed safety feature while the other takes away a valued asset from the town of Cardiff. I formally request that the above paragraph on page 31 be removed from this report as it is clearly untrue and misleading.

#2 See these links at the bottom of page 6
CORRESPONDENCE
Support of Eastern Alignment
Support of Western Alignment

Gabe Buhr instructed our group, Preserve Cardiff Rail Corridor, that all correspondence must include the sender's name and address to be accepted and sent on to the Commissioners for review. We are working hard to comply by guiding our 1,400+ member group to include their name and address in all letters to

you. However, in the first link above, "Support of Eastern Alignment", you will see over 81 comments asking you to vote for the east side. But, 66 of these appear to be a listing of random statements without dates, names, or addresses submitted by Michael Verdu. Did he write these himself? I formally request that these be removed from the record immediately.

Also, in the second link above, "Support of Western Alignment", the reader is taken BACK to the previous link - a listing of supporters for the EAST side, instead of the WEST side. This may be a simple typographical error, but when combined with the submittal of 66 nameless and faceless comments to an official governing body such as the California Coastal Commission, you have to wonder.

Sincerely,
Julie Thunder
1805 Westminster Dr.
Cardiff, CA 92007