

CALIFORNIA COASTAL COMMISSION
South Coast Area Office
200 Oceangate, Suite 1000
Long Beach, CA 90802-4302
(562) 590-5071

W 6a

Permit Application No. **5-12-266**
Date: January 17, 2013
Page 1 of 9



ADMINISTRATIVE PERMIT

APPLICANT: OC Public Works, Attn: Nardy Khan

PROJECT

DESCRIPTION: Repair to three (3) concrete piers/bents of the Island Way Bridge located within Dana Point Harbor. More specifically, the project consists of the removal and replacement of corroded steel reinforcing bars and also the installation of a cathodic protection system. Additionally, the project includes removal of deteriorated asphalt pavement and the placement of new asphalt pavement on the Island Way Bridge.

PROJECT

LOCATION: Island Way Bridge in Dana Point Harbor, City of Dana Point (Orange County)

EXECUTIVE DIRECTOR'S DETERMINATION: The findings for this determination, and for any special conditions, appear on subsequent pages.

NOTE: P.R.C. Section 30624 provides that this permit shall not become effective until it is reported to the Commission at its next meeting. If one-third or more of the appointed membership of the Commission so request, the application will be removed from the administrative calendar and set for public hearing at a subsequent Commission meeting. Our office will notify you if such removal occurs.

This permit will be reported to the Commission at the following time and place:

Wednesday, February 6, 2013
9:00 am
Redondo Beach Civic Center
415 Diamond Street
Redondo Beach, CA 90277

IMPORTANT - Before you may proceed with development, the following must occur:

Pursuant to 14 Cal. Admin. Code Sections 13150(b) and 13158, you must sign the enclosed duplicate copy acknowledging the permit's receipt and accepting its contents, including all conditions, and return it to our office. Following the Commission's meeting, and once we have received the signed acknowledgement and evidence of compliance with all special conditions, we will send you a Notice of Administrative Permit Effectiveness.

BEFORE YOU CAN OBTAIN ANY LOCAL PERMITS AND PROCEED WITH DEVELOPMENT, YOU MUST HAVE RECEIVED BOTH YOUR ADMINISTRATIVE PERMIT AND THE NOTICE OF PERMIT EFFECTIVENESS FROM THIS OFFICE.

CHARLES LESTER
Executive Director

By: Fernie Sy
Title: Coastal Program Analyst II

STANDARD CONDITIONS:

1. Notice of Receipt and Acknowledgment. The permit is not valid and development shall not commence until a copy of the permit, signed by the permittee or authorized agent, acknowledging receipt of the permit and acceptance of the terms and conditions, is returned to the Commission office.
2. Expiration. If development has not commenced, the permit will expire two years from the date on which the Commission voted on the application. Development shall be pursued in a diligent manner and completed in a reasonable period of time. Application for extension of the permit must be made prior to the expiration date.
3. Interpretation. Any questions of intent or interpretation of any term or condition will be resolved by the Executive Director or the Commission.
4. Assignment. The permit may be assigned to any qualified person, provided assignee files with the Commission an affidavit accepting all terms and conditions of the permit.
5. Terms and Conditions Run with the Land. These terms and conditions shall be perpetual, and it is the intention of the Commission and the permittee to bind all future owners and possessors of the subject property to the terms and conditions.

SPECIAL CONDITIONS: See pages five (5) to nine (9).

EXECUTIVE DIRECTOR'S DETERMINATION (continued):

The Executive Director hereby determines that the proposed development is a category of development, which, pursuant to PRC Section 30624, qualifies for approval by the Executive Director through the issuance of an Administrative Permit. Subject to Standard and Special Conditions as attached, said development is in conformity with the provisions of Chapter 3 of the Coastal Act of 1976 and will not have any significant impacts on the environment within the meaning of the California Environmental Quality Act. If located between the nearest public road and the sea, this development is in conformity with the public access and public recreation policies of Chapter 3.

FINDINGS FOR EXECUTIVE DIRECTOR'S DETERMINATION:

A. Project Location and Description

The subject site is located at the Island Way Bridge in Dana Point Harbor in the City of Dana Point (Exhibit #1). This bridge, approximately 205-feet long and 41-feet wide, connects the landward side of the harbor to the further waterside portion (commonly referred to as The Island) of the harbor. This bridge has one (1) lane in each direction and a sidewalk along each side of the bridge. Dana Point Harbor is a County Park (County owned) located within the City of Dana Point. Landside areas are under the jurisdiction of the City of Dana Point (through their LCP) and the waterside areas are under the jurisdiction of the Commission.

The proposed project involves the following (all located in the Commission's jurisdiction): repair to three (3) concrete piers/bents of the Island Way Bridge located within Dana Point Harbor, which consists of the removal and replacement of corroded steel reinforcing bars and also the installation of a cathodic protection system (Exhibit #2). Additionally, the project includes removal of deteriorated asphalt pavement and the placement of new asphalt pavement on the Island Way Bridge. The project will extend the life of the bridge.

More specifically, the project consists of the following work:

1. The work on the three (3) "bents" requires work to take place one (1) to two (2) feet below Mean Lower Low Water (MLLW). In order to conduct the repairs to the concrete below MLLW, a cofferdam will have to be temporarily constructed around each bent and the water pumped out between the cofferdam and bents. A navigational light fixture at each bent will also be removed at the start of the repair and re-installed at the end of the repair.
2. The galvanic cathodic protection system consists of adding 4-inches of concrete around each bent down to MLLW. Within the new 4-inches of concrete will be zinc anodes and anode wiring.
3. Concrete sealant will be applied to all exposed vertical and underside concrete surfaces of the bent.
3. Concrete repairs will take place at four (4) locations on the quay wall under the bridge.

The applicant has stated that no construction will occur during the "peak use" beach season which is defined as the period starting the day before Memorial Day weekend and ending the day after Labor Day weekend of any year.

Due to the minimal amount of work and material involved with the bridge repair, no staging area is necessary. However, the asphalt paving work may involve the staging of several pieces of equipment and the applicant has identified two (2) potential staging areas to be located within two (2) parking lots near the bridge (Exhibit #3). Since the applicant has identified that no work will

take place during the “peak use” beach season, significant adverse impacts to public access due to use of either of these parking lots is avoided.

Public access along the bridge will be maintained at all times during construction since it will not be completely closed to perform the repair work. One (1) of the two (2) sidewalks (on each side of the bridge) will remain open at all times. The one half of the roadway over the bridge will be open during the re-paving work.

The site has been surveyed for eelgrass and no eelgrass was discovered within the project area. The eelgrass survey took place in August 2008 completed during the active growth phase of eelgrass (typically March through October) are valid for 60-days with the exception of surveys completed in August-October. A survey completed in August - October shall be valid until the resumption of active growth (i.e., March 1). The project is agendized for the February 2013 Coastal Commission Hearing so the eelgrass survey no longer continues to be valid. Therefore, a subsequent eelgrass survey will be required prior to beginning any construction. A pre-construction *Caulerpa taxifolia* survey was completed in August 2008. *Caulerpa taxifolia* surveys are valid for 90 days. The project is agendized for the February 2013 Coastal Commission Hearing and by this time the *Caulerpa taxifolia* survey would not continue to be valid since 90-days have passed since the survey was completed. Thus, an up-to-date *Caulerpa taxifolia* survey must be conducted prior to commencement of the project. Therefore, the Commission imposes Special Conditions No. 2 and No. 3, which identifies the procedures necessary to be completed prior to beginning any construction. Also, if any *Caulerpa taxifolia* is found on the project site, Special Conditions No. 3 also identifies the procedures necessary to be completed prior to beginning any construction.

The proposed dock is being constructed on public tidelands and/or within an area subject to public trust doctrine. A Special Condition is imposed stating that the approval of a Coastal Development Permit for the project does not waive any public rights or interest that exist or may exist on the property.

The proposed project is located in the City of Dana Point Harbor, which has a Certified Local Coastal Program (LCP) entitled the Dana Point Harbor Revitalization Plan. However, since the proposed project is taking place seaward of the mean high tide line, it is in the Commission’s permit jurisdiction such that the standard of review is Chapter 3 policies of the Coastal Act. Therefore, the Coastal Commission is the permit issuing authority for this project.

B. Marine Resources

The proposed development, as conditioned, does not interfere with public recreational use of coastal resources. The proposed development, as conditioned, protects coastal areas suited for recreational activities. Therefore, the Commission finds that the proposed development, as conditioned, is in conformity with Sections 30210 through 30214 and Sections 30220 through 30223 of the Coastal Act regarding the promotion of public recreational opportunities.

C. Water Quality

The proposed work will be occurring in a location where there is a potential for a discharge of polluted runoff from the project site into coastal waters. The storage or placement of construction material, debris, or waste in a location where it could be carried into coastal waters would result in an adverse effect on the marine environment. To reduce the potential for construction and post-construction related impacts on water quality, the Commission imposes special conditions requiring, but not limited to, the appropriate storage and handling of construction equipment and materials to minimize the potential of pollutants to enter coastal waters and for the use of on-going best management practices following construction. As conditioned, the Commission finds that the development conforms with Sections 30230 and 30231 of the Coastal Act.

D. Local Coastal Program

The proposed project is located in the City of Dana Point Harbor, which has a Certified Local Coastal Program (LCP) entitled the Dana Point Harbor Revitalization Plan which was recently approved in April 2012. However, since the proposed project is taking place in the harbor, it is in the Commission's permit jurisdiction such that the standard of review is Chapter 3 policies of the Coastal Act. Therefore, the Coastal Commission is the permit issuing authority for this project. The project, as conditioned, is consistent with the Chapter 3 policies of the Coastal Act and therefore will not prejudice the ability of the City to continue to administer its LCP.

E. California Environmental Quality Act (CEQA)

As conditioned, there are no feasible alternatives or additional feasible mitigation measures available that would substantially lessen any significant adverse effect that the activity may have on the environment. Therefore, the Commission finds that the proposed project, as conditioned to mitigate the identified impacts, is the least environmentally damaging feasible alternative and can be found consistent with the requirements of the Coastal Act to conform to CEQA.

SPECIAL CONDITIONS:

1. Construction Responsibilities and Debris Removal

- A.** No demolition or construction materials, equipment, debris, or waste shall be placed or stored where it may enter sensitive habitat, receiving waters or a storm drain, or be subject to wave, wind, rain or tidal erosion and dispersion.
- B.** Any and all debris resulting from demolition or construction activities, and any remaining construction material, shall be removed from the project site within 24 hours of completion of the project.

- C.** Demolition or construction debris and sediment shall be removed from work areas each day that demolition or construction occurs to prevent the accumulation of sediment and other debris that may be discharged into coastal waters.
- D.** Machinery or construction materials not essential for project improvements will not be allowed at any time in the intertidal zone.
- E.** If turbid conditions are generated during construction a silt curtain will be utilized to control turbidity.
- F.** Floating booms will be used to contain debris discharged into coastal waters and any debris discharged will be removed as soon as possible but no later than the end of each day.
- G.** Non buoyant debris discharged into coastal waters will be recovered by divers as soon as possible after loss.
- H.** All trash and debris shall be disposed in the proper trash and recycling receptacles at the end of every construction day.
- I.** The applicant shall provide adequate disposal facilities for solid waste, including excess concrete, produced during demolition or construction.
- J.** Debris shall be disposed of at a legal disposal site or recycled at a recycling facility. If the disposal site is located in the coastal zone, a coastal development permit or an amendment to this permit shall be required before disposal can take place unless the Executive Director determines that no amendment or new permit is legally required.
- K.** All stock piles and construction materials shall be covered, enclosed on all sides, shall be located as far away as possible from drain inlets and any waterway, and shall not be stored in contact with the soil.
- L.** Machinery and equipment shall be maintained and washed in confined areas specifically designed to control runoff. Thinners or solvents shall not be discharged into sanitary or storm sewer systems.
- M.** The discharge of any hazardous materials into any receiving waters shall be prohibited.
- N.** Spill prevention and control measures shall be implemented to ensure the proper handling and storage of petroleum products and other construction materials. Measures shall include a designated fueling and vehicle maintenance area with appropriate berms and protection to prevent any spillage of gasoline or related

petroleum products or contact with runoff. The area shall be located as far away from the receiving waters and storm drain inlets as possible.

- O.** Best Management Practices (BMPs) and Good Housekeeping Practices (GHPs) designed to prevent spillage and/or runoff of demolition or construction-related materials, and to contain sediment or contaminants associated with demolition or construction activity, shall be implemented prior to the on-set of such activity
- P.** All BMPs shall be maintained in a functional condition throughout the duration of construction activity.

2. Eelgrass Survey(s)

- A. Pre Construction Eelgrass Survey.** A valid pre-construction eelgrass (*Zostera marina*) survey shall be completed during the period of active growth of eelgrass (typically March through October). The pre-construction survey shall be completed prior to the beginning of construction and shall be valid until the next period of active growth. The survey shall be prepared in full compliance with the “Southern California Eelgrass Mitigation Policy” Revision 8 (except as modified by this special condition) adopted by the National Marine Fisheries Service and shall be prepared in consultation with the California Department of Fish and Game. The applicant shall submit the eelgrass survey for the review and approval of the Executive Director within five (5) business days of completion of each eelgrass survey and in any event no later than fifteen (15) business days prior to commencement of any development. If the eelgrass survey identifies any eelgrass within the project area which would be impacted by the proposed project, the development shall require an amendment to this permit from the Coastal Commission or a new coastal development permit.
- B. Post Construction Eelgrass Survey.** If any eelgrass is identified in the project area by the survey required in subsection A of this condition above, within one month after the conclusion of construction, the applicant shall survey the project site to determine if any eelgrass was adversely impacted. The survey shall be prepared in full compliance with the “Southern California Eelgrass Mitigation Policy” Revision 8 (except as modified by this special condition) adopted by the National Marine Fisheries Service and shall be prepared in consultation with the California Department of Fish and Game. The applicant shall submit the post-construction eelgrass survey for the review and approval of the Executive Director within thirty (30) days after completion of the survey. If any eelgrass has been impacted, the applicant shall replace the impacted eelgrass at a minimum 1.2:1 ratio on-site, or at another location, in accordance with the Southern California Eelgrass Mitigation Policy. All impacts to eelgrass habitat shall be mitigated at a minimum ratio of 1.2:1 (mitigation:impact). The exceptions to the required 1.2:1 mitigation ratio found within SCEMP shall not apply. Implementation of mitigation shall require an

amendment to this permit or a new coastal development permit unless the Executive Director determines that no amendment or new permit is required.

3. Pre-construction *Caulerpa Taxifolia* Survey

- A.** Not earlier than 90 days nor later than 30 days prior to commencement or re-commencement of any development authorized under this coastal development permit (the “project”), the applicant shall undertake a survey of the project area and a buffer area at least 10 meters beyond the project area to determine the presence of the invasive alga *Caulerpa taxifolia*. The survey shall include a visual examination of the substrate.
- B.** The survey protocol shall be prepared in consultation with the Regional Water Quality Control Board, the California Department of Fish and Game, and the National Marine Fisheries Service.
- C.** Within five (5) business days of completion of the survey, the applicant shall submit the survey:
 - (1) for the review and approval of the Executive Director; and
 - (2) to the Surveillance Subcommittee of the Southern California Caulerpa Action Team (SCCAT). The SCCAT Surveillance Subcommittee may be contacted through William Paznokas, California Department of Fish & Game (858/467-4218) or Robert Hoffman, National Marine Fisheries Service (562/980-4043), or their successors.
- D.** If *Caulerpa taxifolia* is found within the project or buffer areas, the applicant shall not proceed with the project until 1) the applicant provides evidence to the Executive Director that all *C. taxifolia* discovered within the project and buffer area has been eliminated in a manner that complies with all applicable governmental approval requirements, including but not limited to those of the California Coastal Act, or 2) the applicant has revised the project to avoid any contact with *C. taxifolia*. No revisions to the project shall occur without a Coastal Commission approved amendment to this coastal development permit unless the Executive Director determines that no amendment is legally required.

4. Public Rights

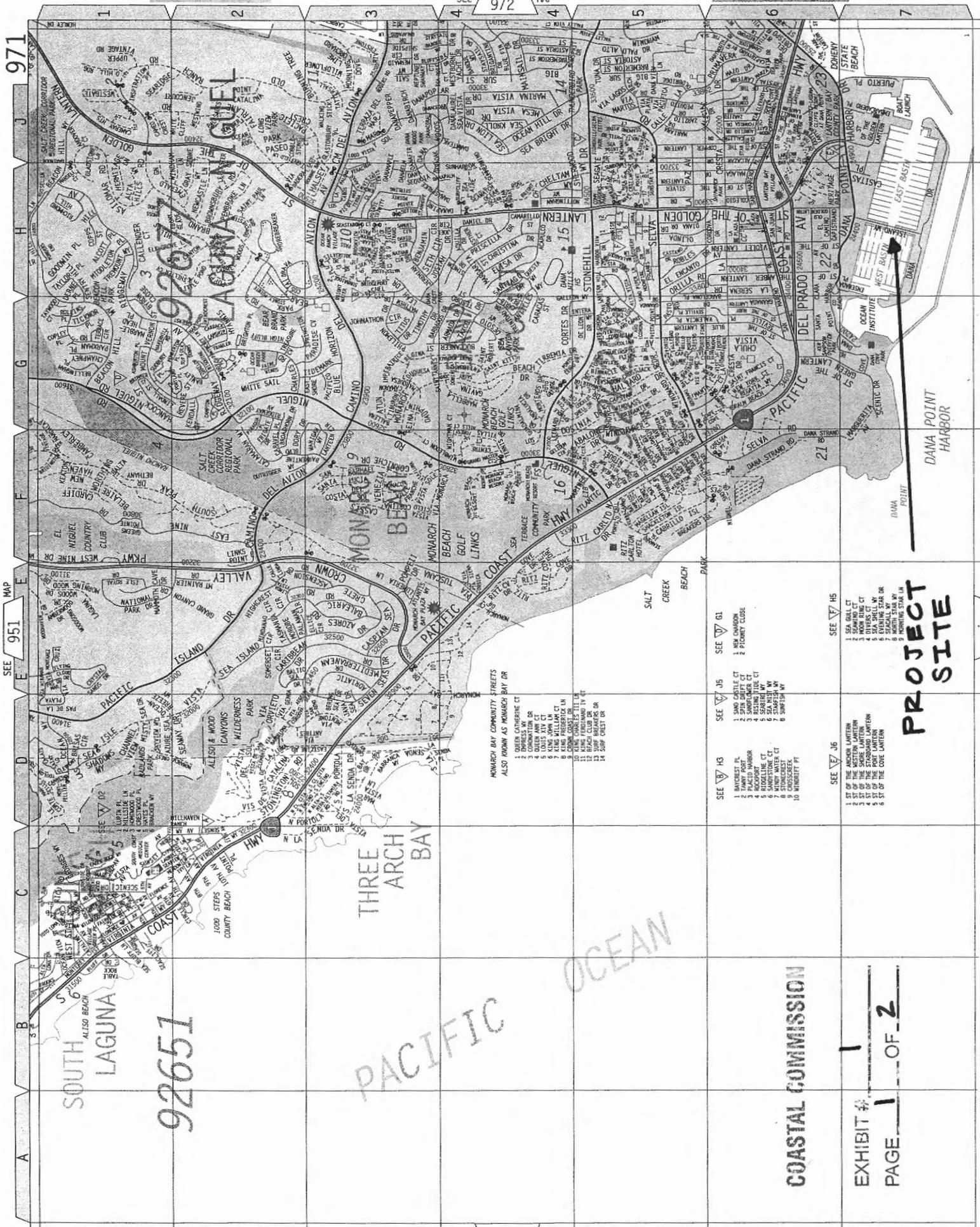
The Coastal Commission’s approval of this permit shall not constitute a waiver of any public rights that exist or may exist on the property. The permittee shall not use this permit as evidence of a waiver of any public rights that may exist on the property.

ACKNOWLEDGMENT OF PERMIT RECEIPT/ACCEPTANCE OF CONTENTS:

I/We acknowledge that I/we have received a copy of this permit and have accepted its contents including all conditions.

Applicant's Signature

Date of Signing



SEE 951 MAP

SEE 971 MAP

SEE 972 MAP

SEE 973 MAP

- SEE 7 H5
- SEA GULL CT
 - MON RING CT
 - DIVERS CT
 - BURNING STAR DR
 - SEAGULL WY
 - HORNINGS STAR LN
- SEE 7 H6
- SEA GULL CT
 - MON RING CT
 - DIVERS CT
 - BURNING STAR DR
 - SEAGULL WY
 - HORNINGS STAR LN
- SEE 7 H7
- SEA GULL CT
 - MON RING CT
 - DIVERS CT
 - BURNING STAR DR
 - SEAGULL WY
 - HORNINGS STAR LN

PROJECT SITE

- SEE 7 H3
- BANCREST PL
 - PLACID HARBOR
 - ROCKPORT
 - SANDSTONE CT
 - WINDY WATER CT
 - CROSSCREEK
 - WINDY WATER CT
 - WINDY WATER CT
 - WINDY WATER CT
 - WINDY WATER CT
- SEE 7 J5
- SAND CASTLE CT
 - CHINA
 - RESURFACING CT
 - SEA NISSE WY
 - SUNSHINE WY
 - SUNSHINE WY
- SEE 7 J1
- SEA GULL CT
 - MON RING CT
 - DIVERS CT
 - BURNING STAR DR
 - SEAGULL WY
 - HORNINGS STAR LN

- MONARCH BAY COMMUNITY STREETS
ALSO KNOWN AS MONARCH BAY DR
- QUEEN CATHERINE CT
 - EMERSON WY DR
 - QUEEN ANN CT
 - LOUISIANA CT

COASTAL COMMISSION

EXHIBIT # 1
PAGE 1 OF 2



Location Map
Island Way Bridge Over Dana Point Harbor

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South Coast Region

OCT 1 2012

CALIFORNIA
COASTAL COMMISSION

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EXHIBIT # 1
PAGE 2 OF 2



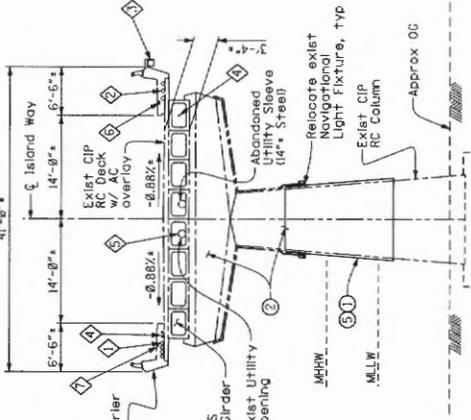
MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: R. PRICE
 DRAWN BY: R. ANKASAKI
 CHECKED BY: T. DUNN
 PROJECT NO.: 5-12-268

PREPARED BY: PUBLIC WORKS
 ORANGE COUNTY
 MAINTENANCE OF VARIOUS BRIDGES IN ORANGE COUNTY

ISLAND WAY BRIDGE
 REHABILITATION
 BR. NO. 59C-0501

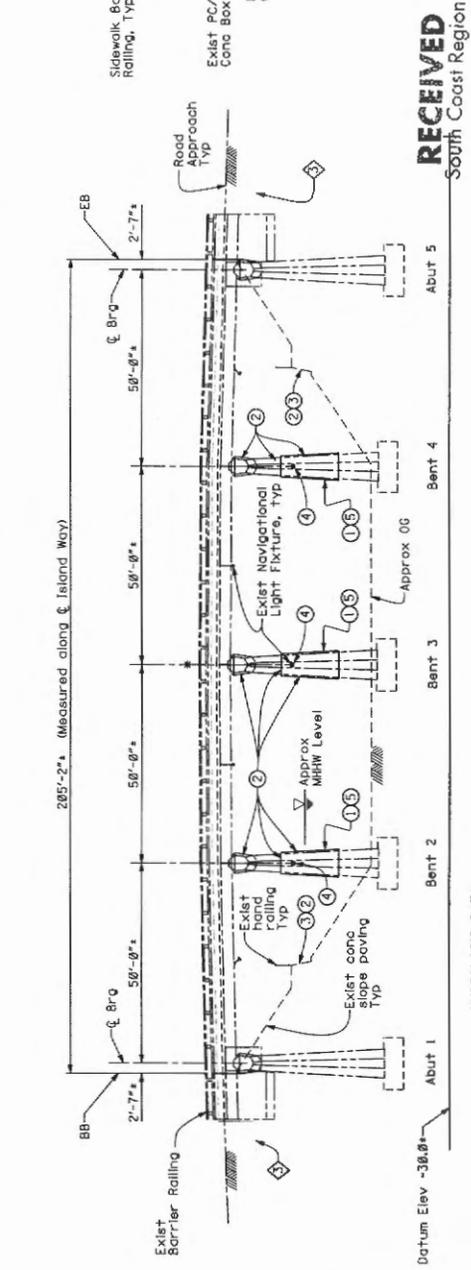
GENERAL PLAN
 Sheet 2 of



LEGEND
 --- Existing structure
 - - - New construction
 → Direction of traffic
 ① Galvanic cathodic protection with concrete encasement
 ② Prepare & apply concrete sealant
 ③ Remove unbound concrete & construct formed patches
 ④ Relocate existing Navigational Light Fixture, see "Concrete Removal & Repair Details" sheet
 ⑤ Remove unbound concrete in areas within concrete encasement

UTILITY LEGEND
 4- 5" Existing Electrical Conduits (S.D.C.E.)
 2- 3/4" Existing Telephone Conduits (Pao Bell)
 3- 6" Existing Conduits, 1 with 2" (S.C.C.)
 10" Existing Water Main (C.B.W.D.)
 Cable TV (Cox Communications)
 8" Existing Sewer Line (D.P.S.D.)
 2- 1/4" Existing Conduits (County)
 1- 1/4" Existing Conduits (County)

Notes:
 1. Existing utility locations are approximate. Locations provided by utility company - Not verified.
 2. All existing utilities are to be protected in place unless otherwise indicated.



HYDROLOGIC DATA
 MHHW = 6.24'
 MLLW = -8.65'
 NAVD88 Datum

ELEVATION
 1" = 15'

California Coastal Commission
 South Coast District Office
 APPROVED 5-12-268
 Permit No. 5-12-268
 BY: _____
 EFFECTIVE Date: _____

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 SOUTH COAST REGION
 CALIFORNIA COASTAL COMMISSION

COASTAL COMMISSION

EXHIBIT # 2
 PAGE 1 OF 2

Note: Contractor shall verify all controlling field dimensions before ordering or fabricating any material.



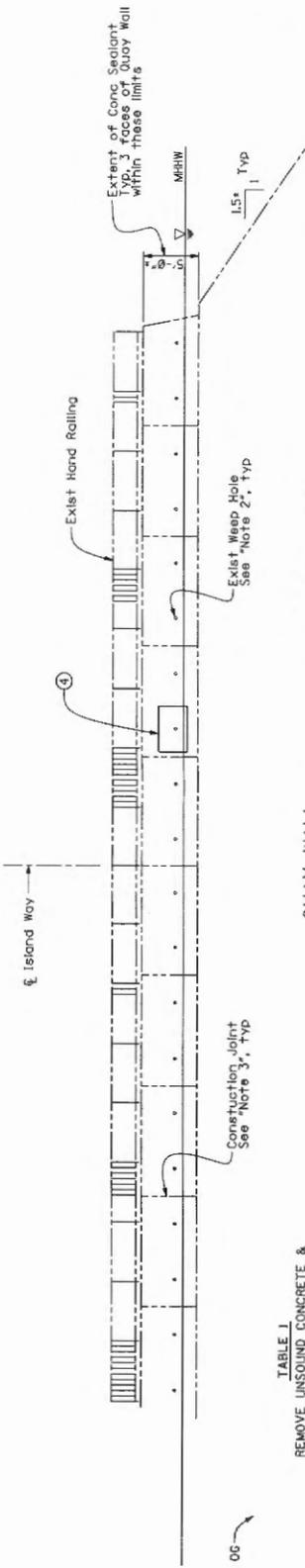
DATE	DESCRIPTION	BY	APPV



DESIGNED BY	R. PRICE
CHECKED BY	T. O'NEIL
IN CHARGE	R. PRICE
DATE	09/27/11
SCALE	AS SHOWN
PROJECT NO.	188 W. Town & Country Blvd Orange, CA 92668 (714) 961-2501

MAINTENANCE OF VARIOUS BRIDGES IN ORANGE COUNTY
 ISLAND WAY BRIDGE
 REHABILITATION
 BR. NO. SSC-0561

QUAY WALL REPAIR
 Sheet 3 of



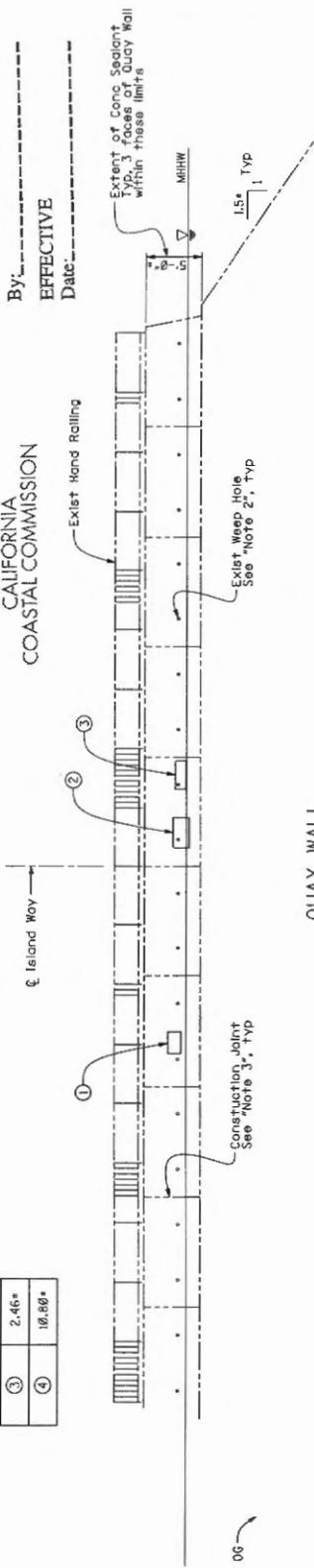
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 OCT 1 2012
 CALIFORNIA
 COASTAL COMMISSION

California Coastal Commission
 South Coast District Office
 APPROVED - 12-260
 Permit No. _____
 By: _____
 EFFECTIVE
 Date: _____

QUAY WALL
 ABUTMENT 5 ELEVATION
 3/8" = 1'-0"

TABLE 1
 REMOVE UNSOUND CONCRETE &
 CONSTRUCT FORMED PATCHES

LOCATION	AREA (SQ. FT.)
1	2.31*
2	3.87*
3	2.46*
4	10.80*



QUAY WALL
 ABUTMENT 1 ELEVATION
 3/8" = 1'-0"

QUANTITIES

MANUFACTURER TECHNICAL ASSISTANCE	LUMP SUM
CONSTRUCTION SITE MANAGEMENT	LUMP SUM
PREPARE WATER POLLUTION CONTROL PREVENTION PLAN	LUMP SUM
TEMPORARY COFFERDAM SYSTEM	LUMP SUM
REMOVE UNSOUND CONCRETE	B2 CF
VERTICAL AND OVERHEAD FORMED PATCHES	9 CF
BAR REINFORCING STEEL (BRIDGE)	202 LB
FURNISH AND APPLY SILOXANE EMULSION CONCRETE SEALANT	5,685 SOFT
FURNISH AND INSTALL EMBEDDED GALVANIC ANODES	18 EA
FURNISH AND INSTALL GALVANIC ANODES	1133 SOFT
FURNISH AND INSTALL BULK ALUMINUM ANODES	6 EA

STANDARD PLANS, DATED MAY 2006

- A10A ACRONYMS AND ABBREVIATIONS (SHEET 1 OF 2)
- A10B ACRONYMS AND ABBREVIATIONS (SHEET 2 OF 2)
- A10C SYMBOLS (SHEET 1 OF 2)
- A10C SYMBOLS (SHEET 2 OF 2)
- BB-1 BRIDGE DETAILS

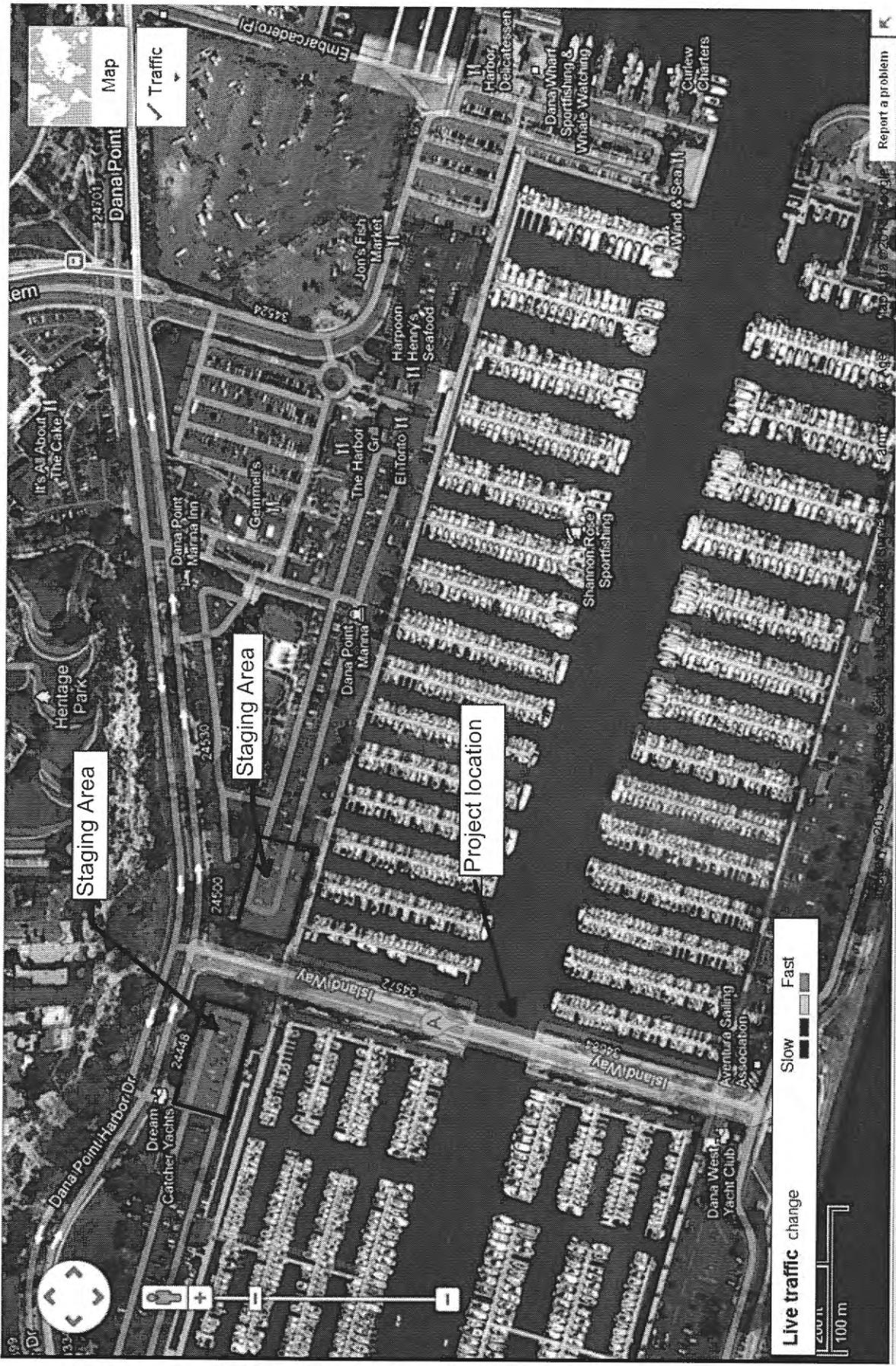
LEGEND

- Location of remove unsound concrete and construct formed patches, see Table 1

Notes:

- Depth of removal shall be minimum of one inch below finished grade. For details, see "Concrete Removal & Repair Details" sheet.
- Existing weep holes shall be formed and extended through formed patches.
- If removal of unsound concrete extends across existing construction, the patch joints shall be reconstructed in the formed patches. See "Concrete Removal & Repair Details" sheet for details.

Note:
 The Contractor shall verify all dimensions and materials before ordering or fabricating any material.



Island Way Bridge and Roadway Repair - Potential Staging Areas