

CALIFORNIA COASTAL COMMISSION

SAN DIEGO DISTRICT OFFICE
7575 METROPOLITAN DRIVE, SUITE 103
SAN DIEGO, CA 92108-4402
VOICE (619) 767-2370
FAX (619) 767-2384



W16a

6-20-0231-A1 (Caltrans)

May 12, 2021

EXHIBITS

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[Exhibit 1 – Vicinity Map](#)

[Exhibit 2 – Project Location](#)

[Exhibit 3 – Revised Project Plans](#)

[Exhibit 4 – Revised Drainage Plans](#)

Four Project Locations
north of Oceanside



EA43001 Location

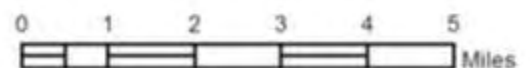


EXHIBIT NO. 1

APPLICATION NO.

6-20-0231-A1

Vicinity Map



California Coastal Commission

Location 1: PM R55.6 to PM R56.4
EA 43001 - I-5
District 11-San Diego



- EA43001 Location
- Location 100 ft Buffer
- Caltrans District 11 ROW
- Parcel
- Postmile

0 250 500 1,000 1,500 2,000 Feet

Layer Credits: Caltrans, SanGIS, Pictomet
International Corp. The GIS data and inform
are provided "as is" without warranty of an

EXHIBIT NO. 2

APPLICATION NO.

6-20-0231-A1

Project Location

Page 1 of 4



California Coastal Commission

Location 2: PM R60.3 to PM R61.1
EA 43001 - I-5
District 11-San Diego

Aerial View of Location 2



- EA43001 Location
- Location 100 ft Buffer
- Caltrans District 11 ROW
- Parcel
- Postmile

0 250 500 1,000 1,500 2,000 Feet

Layer Credits: Caltrans, SanGIS, Pictometry International Corp. The GIS data and information are provided "as is" without warranty of any kind.



Location 3: PM R64.5 to PM R66.6
EA 43001 - I-5
District 11-San Diego

Aerial View of Location 3



- EA43001 Location
- Location 100 ft Buffer
- Caltrans District 11 ROW
- Parcel
- Postmile

0 500 1,000 2,000 3,000 4,000
Feet

Layer Credits: Caltrans, SanGIS, Pictometry International Corp. The GIS data and information are provided "as is" without warranty of any kind.



Location 4: PM R67.3 to PM R70.0
EA 43001 - I-5
District 11-San Diego

Aerial View of Location 4



- EA43001 Location
- Location 100 ft Buffer
- Caltrans District 11 ROW
- Parcel
- Postmile

0 1,000 2,000 3,000 4,000 5,000
Feet

Layer Credits: Caltrans, SanGIS, Pictometry International Corp. The GIS data and information are provided "as is" without warranty of any kind.



INDEX OF PLANS

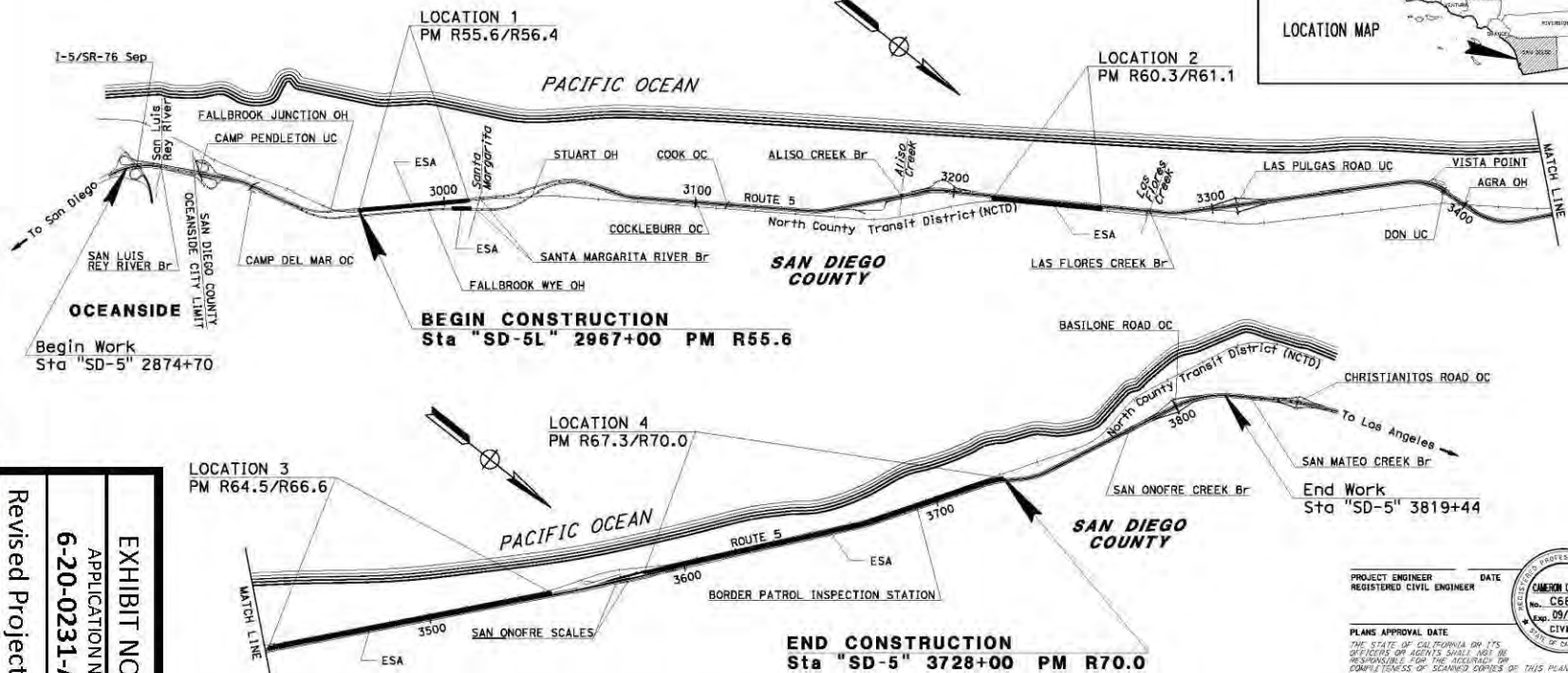
Project area
aerial view

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION PROJECT PLANS FOR CONSTRUCTION ON STATE HIGHWAY

IN SAN DIEGO COUNTY NEAR OCEANSIDE
AT VARIOUS LOCATIONS FROM FALLBROOK JUNCTION OVERHEAD
TO 1.0 MILE SOUTH OF SAN ONOFRE CREEK BRIDGE

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2018

NOTE: SEE LAYOUT SHEETS FOR ESA



NO SCALE

ESS THE CLASS (OR CLASSES)
THE "NOTICE TO BIDDERS."

TRANS WEB SITE IS: [HTTP://WWW.DOT.CA.GOV/](http://www.dot.ca.gov/)

RELATIVE BORDER SCALE
IS 1/4 INCHES

USERNAME => 6127856
DGN FILE => 1117000116a001.dgn

UNIT 2771 PROJECT NUMBER & PHASE 11170001161

CONTRACT No. **11-430014**
PROJECT ID **1117000116**

PLANS APPROVAL DATE
THE STATE OF CALIFORNIA OR ITS
OFFICERS OR AGENTS SHALL NOT BE
RESPONSIBLE FOR THE ACCURACY OR
COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PROJECT ENGINEER
REGISTERED CIVIL ENGINEER

DATE



EXHIBIT NO. 3
APPLICATION NO.
6-20-0231-A1

Revised Project Plans

Page 1 of 6

California Coastal Commission

DATE PLOTTED => 06-03-2020
TIME PLOTTED => 14:12

NOTES:

1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. SEE LAYOUTS, CONSTRUCTION DETAILS, AND SUMMARY OF QUANTITIES SHEETS FOR EXACT LOCATIONS AND TYPE OF DIKE, CONCRETE TRANSITION BLOCK, HTCB, MGS, REMOVE GUARDRAIL AND REMOVE AC DIKES.
3. USE CLASS 2 INSTEAD OF IMPORTED BORROW FOR SLOPE STEEPER THAN 2:1. SEE CLASS 2 EMBANKMENT TABLE IN SUMMARY OF QUANTITIES FOR LOCATIONS OF STEEPER THAN 2:1 SLOPES.

ABBREVIATIONS:

HTCB - HIGH TENSION CABLE BARRIER
 ADL - AERIALY DEPOSITED LEAD

DESIGN DESIGNATION (NB ROUTE 5)

ADT (2017)	74,211	D	51.20%
ADT (2037)	82,776	T	7.23%
DHV	9,977	V	65 mph
ESAL	36,590,218	T ₁₂₀	14.00 (2 OUTSIDE LANES)
		T ₁₂₀	11.50 (2 INSIDE LANES)

PAVEMENT CLIMATE REGION

SOUTH COAST

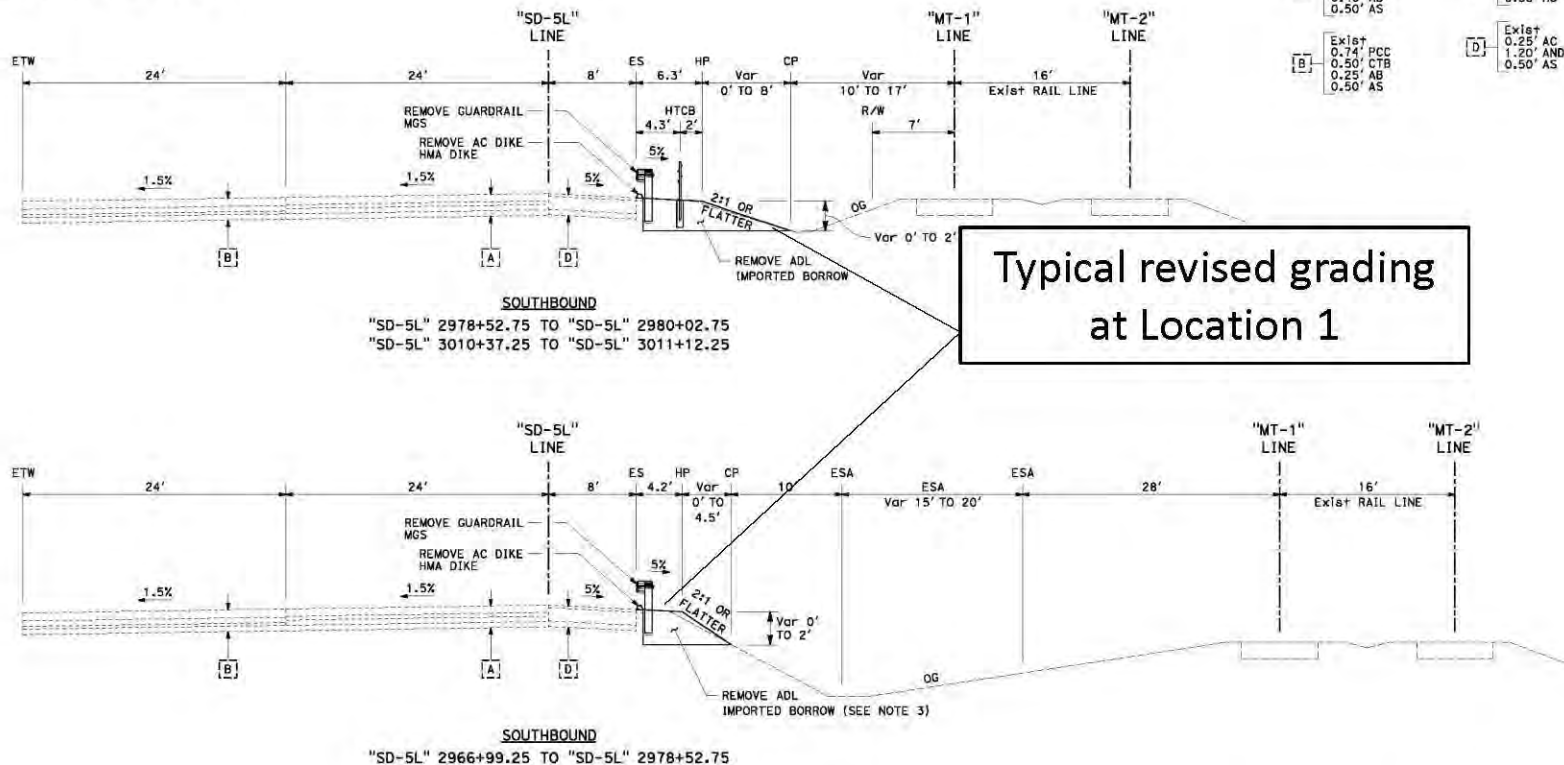
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5	R55.6/R70.0		

REGISTERED CIVIL ENGINEER	DATE
CAMERON CHAFFEE	No. C68295
PLANS APPROVAL DATE	Exp. 09/30/21


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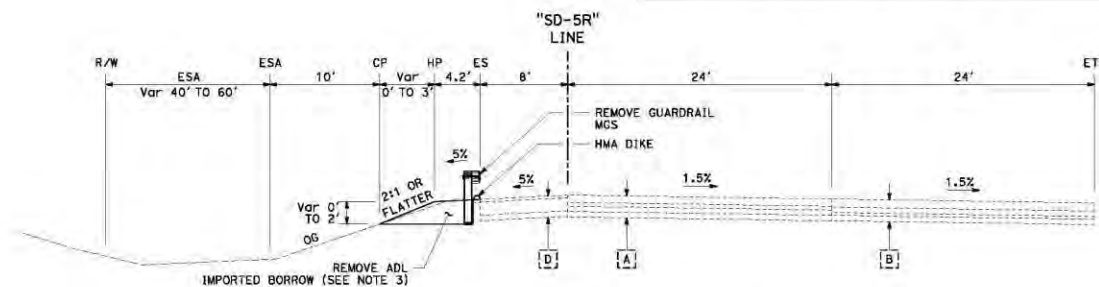
TYPICAL PAVEMENT STRUCTURE SECTIONS:

[A] Exist 0.67' PCC 0.35' CTB 0.48' AB 0.50' AS	[C] Exist 0.30' AC 1.20' AND Var AB 0.50' AS
[B] Exist 0.74' PCC 0.50' CTB 0.25' AB 0.50' AS	[D] Exist 0.25' AC 1.20' AND Var AB 0.50' AS



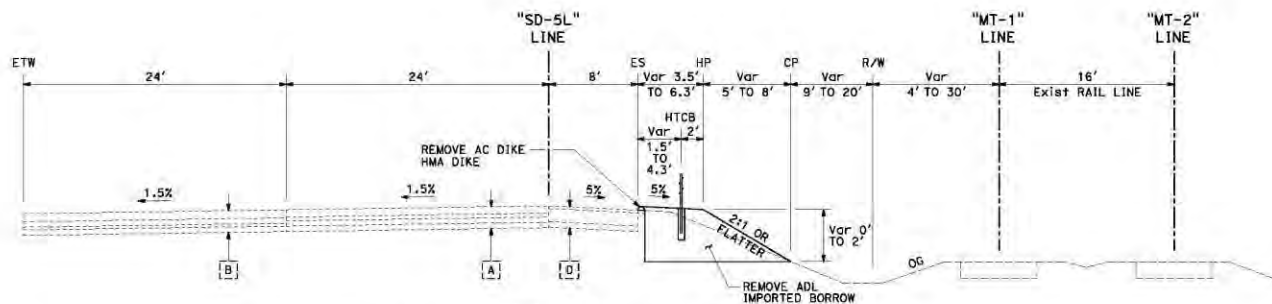
Typical revised grading
at Location 1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEET
11	SD	5	R55.6/R70.0		
<div style="display: flex; justify-content: space-between;"> <div>REGISTERED CIVIL ENGINEER</div> <div>DATE</div> </div>					
<div style="display: flex; justify-content: space-between;"> <div>PLANS APPROVAL DATE</div> <div>  </div> </div>					
<p>THE STATE OF CALIFORNIA AND ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</p>					



NORTHBOUND

"SD-5R" 3004+15.00 TO "SD-5R" 3010+32.00



SOUTHBOUND

"SD-5L" 2980+02.75 TO "SD-5L" 3010+37.25

LOCATION 1

TYPICAL CROSS SECTIONS

NO SCALE

X-2

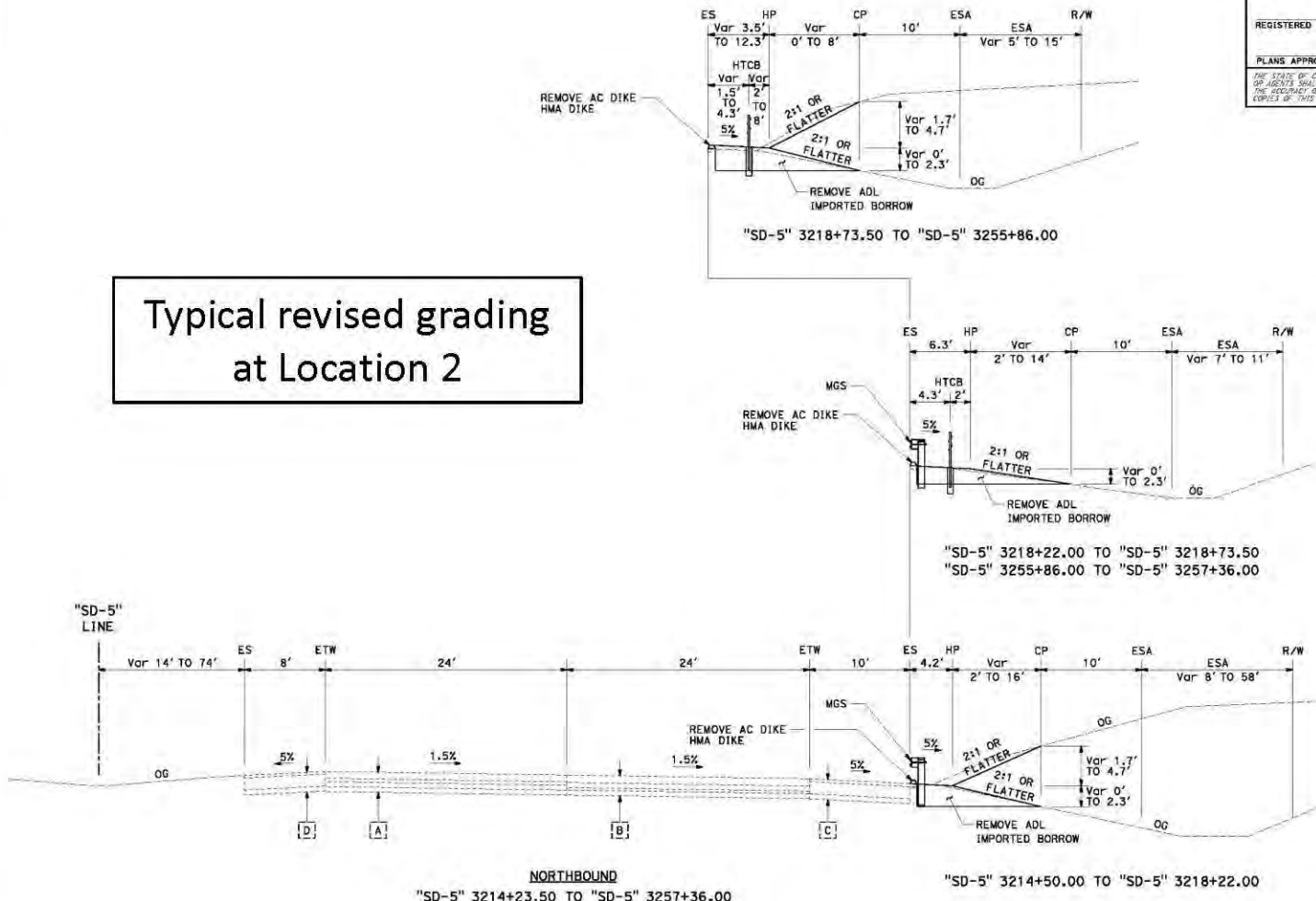
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5	R55.6/R70.0		

REGISTERED CIVIL ENGINEER	DATE
CAMERON CHAFFEE	
No. C68295	
Exp. 09/30/21	
CIVIL	

PLANS APPROVAL DATE

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Typical revised grading
 at Location 2



LOCATION 2

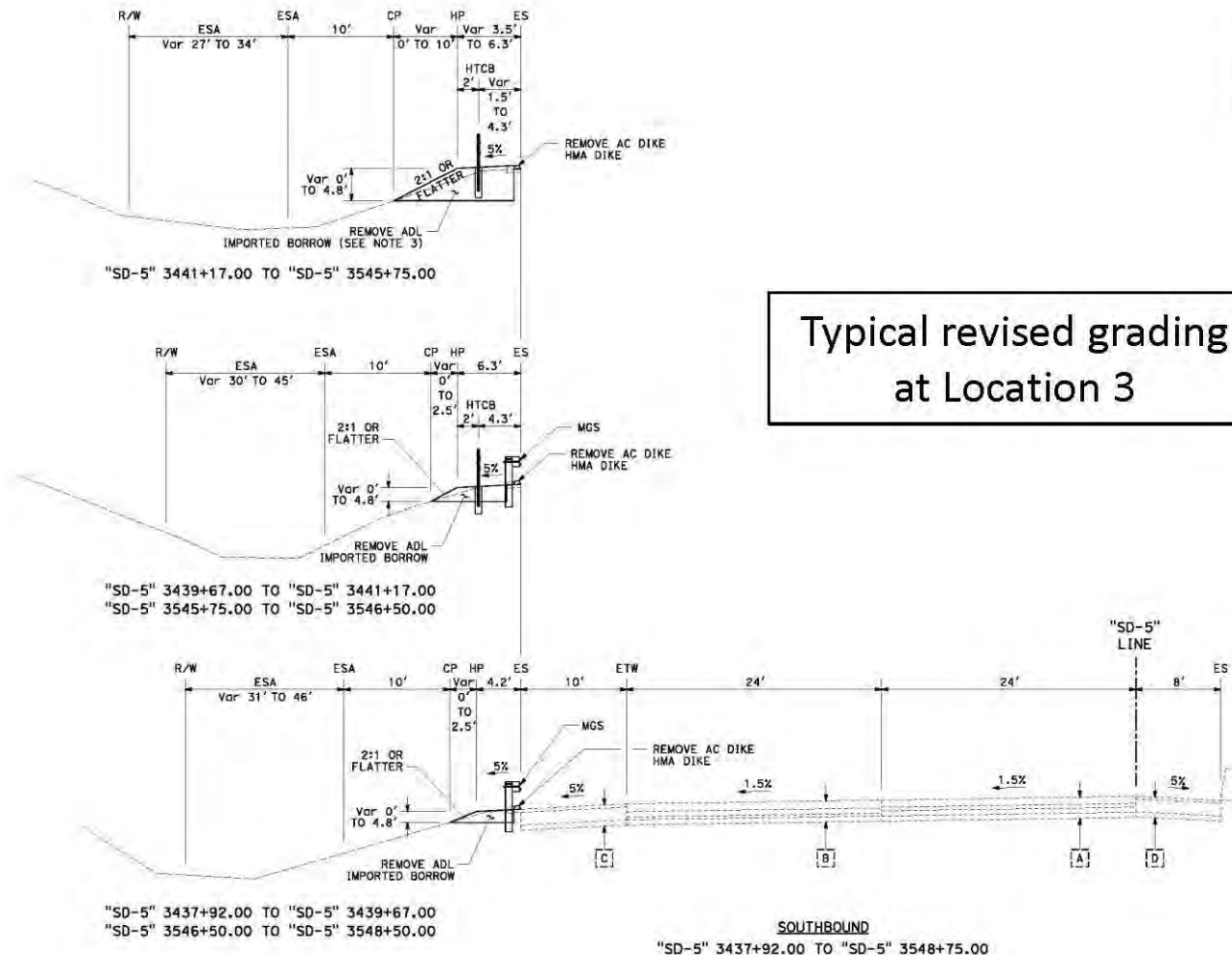
TYPICAL CROSS SECTIONS

NO SCALE X-3

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
11	SD	5	R55.6/R70.0		
REGISTERED CIVIL ENGINEER			DATE	PLANS APPROVAL DATE	

CAMERON CHAFFEE
 No. C68295
 Exp. 09/30/21
 CIVIL
 STATE OF CALIFORNIA

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LOCATION 3

TYPICAL CROSS SECTIONS

NO SCALE

X-4

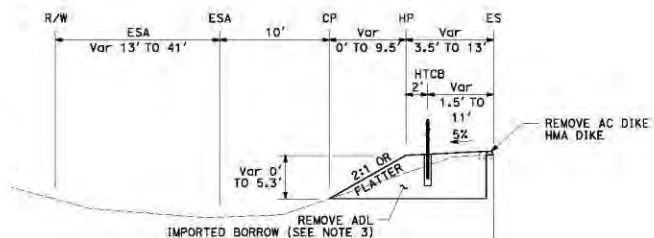
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL
11	SD	5	R55.6/R70.0	No. SHEETS

REGISTERED CIVIL ENGINEER DATE

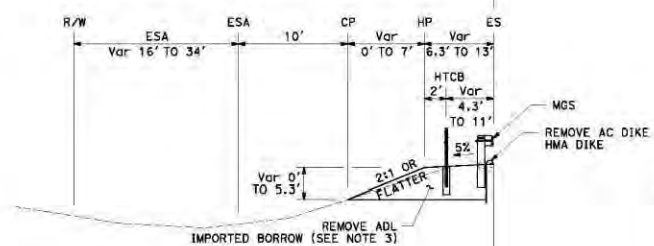
PLANS APPROVAL DATE

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CAMERON CHAFFEE
 No. C68295
 Exp. 09/30/21
 CIVIL

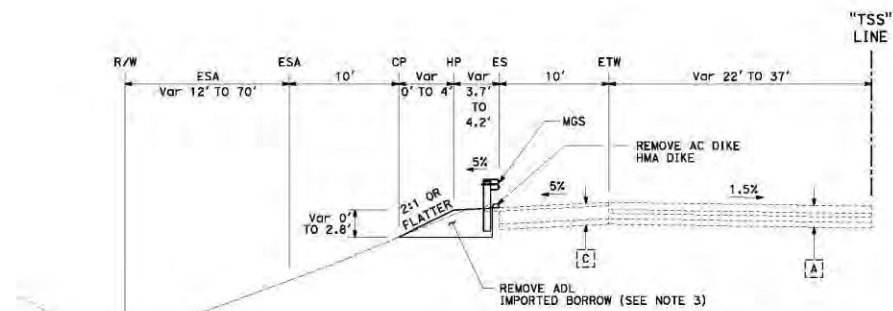


"SD-5" 3605+85.81 TO "SD-5" 3644+50.00
 "SD-5" 3653+25.00 TO "SD-5" 3724+96.63

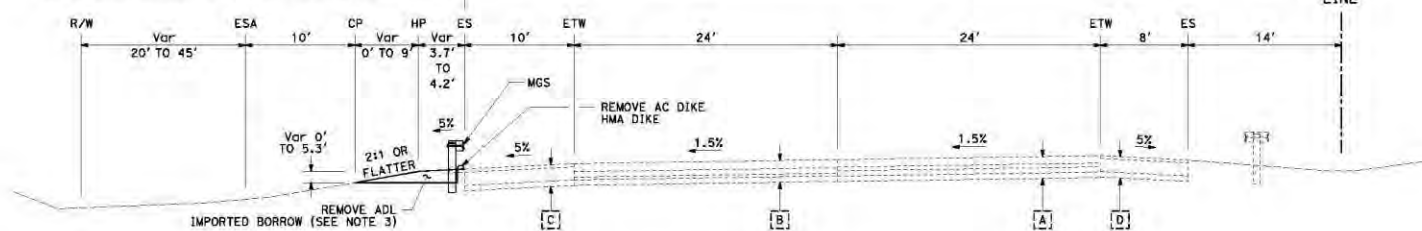


"SD-5" 3604+35.81 TO "SD-5" 3605+85.81
 "SD-5" 3644+50.00 TO "SD-5" 3645+00.00
 "SD-5" 3651+75.00 TO "SD-5" 3653+25.00
 "SD-5" 3724+96.63 TO "SD-5" 3725+50.00

Typical revised grading
 at Location 4



SOUTHBOUND OFF-RAMP (TRUCK SCALE)
 "TSS" 3584+55.00 TO "TSS" 3595+43.68



"SD-5" 3595+42.33 TO "SD-5" 3604+35.81
 "SD-5" 3645+00.00 TO "SD-5" 3645+25.00
 "SD-5" 3647+50.00 TO "SD-5" 3651+75.00
 "SD-5" 3725+50.00 TO "SD-5" 3727+65.72

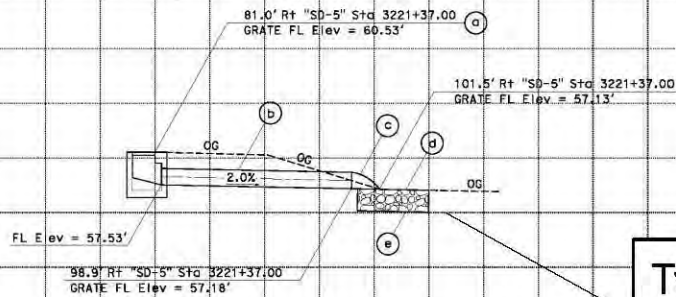
SOUTHBOUND
 "SD-5" 3595+42.33 TO "SD-5" 3727+65.72

LOCATION 4

TYPICAL CROSS SECTIONS

NO SCALE X-5

Typical cross section of new drainage designs

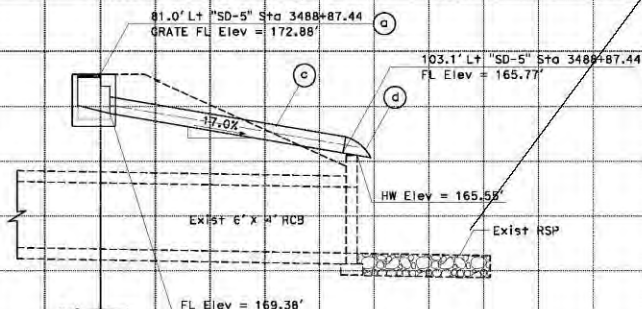


Typical applications of new riprap

DRAINAGE SYSTEM

"SD-5" Sta 3221+37.00

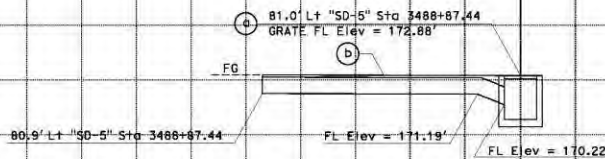
- (a) GO INLET WITH TYPE 24-12 GRATE AND CHAIN, H=3.5'
- (b) 17.5' X 18" A1+ PIPE CULVERT
- (c) A1+ FLARED END SECTION
- (d) RSP (20 LB, CLASS 1, METHOD B) (SEE DRAINAGE DETAILS)
- (e) RSP FABRIC (CLASS 8) (SEE DRAINAGE DETAILS)



DRAINAGE SYSTEM

"SD-5" Sta 3488+87.44

- (a) G2 INLET WITH TYPE 24-12 GRATE AND CHAIN, H=4.0'
- (b) 20' X 18" SCSP (SEE DRAINAGE DETAILS)
- (c) 21.5' X 18" A1+ PIPE CULVERT
- (d) A1+ FLARED END SECTION



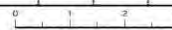
DRAINAGE PROFILE

SCALE: 1" = 5' Horiz
1" = 5' Vert

DP-1

USERNAME => p127856
DGN FILE => 11170001161b001.dgn

RELATIVE BORDER SCALE
IS 10 INCHES



UNIT 2771

PROJECT NUMBER & PHASE

11170001161



California Coastal Commission

Revised Drainage Plans

APPLICATION NO.
6-20-0231-A1

EXHIBIT NO. 4

DIST	COUNTY	ROUTE	POST MILES	SHEET TOTAL
11	SD	5	R55.6/R70.0	No. SHEETS
REGISTERED CIVIL ENGINEER DATE				
PLANS APPROVAL DATE				
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DATE PLOTTED => 06-20-2020
11-25-20 THE PLOTTED => 11:46