



City of Sebastopol

Public Arts Committee Staff Report

Meeting Date: June 7, 2017
To: Public Arts Committee
From: Kenyon Webster, Planning Director
Subject: Information Regarding Highway 12 Bridge Art Platforms

Attached are plans and photographs of the 'art platforms' constructed by Caltrans in conjunction with the Highway 12 bridge reconstruction. The platforms are located on the east side of the bridge, along the approaches to the actual bridge.

DIST	COUNTY	ROUTE	POST MILE	SHEET TOTAL
04	SAN	12	9.6	86
SHEET TOTAL				118

REGISTERED CIVIL ENGINEER
 DATE: 8-16-11
 3-25-13
 PLANS APPROVAL DATE

REGISTERED CIVIL ENGINEER
 DATE: 8-16-11
 3-25-13
 PLANS APPROVAL DATE

REGISTERED CIVIL ENGINEER
 DATE: 8-16-11
 3-25-13
 PLANS APPROVAL DATE

CURVE DATA

NO.	R	A	L	START	END
1	4300.00	11°16'23"	435.65	848.64	
2	4271.00	0°24'00"	15.00	30.00	
3	4329.00	0°23'46"	15.00	30.00	

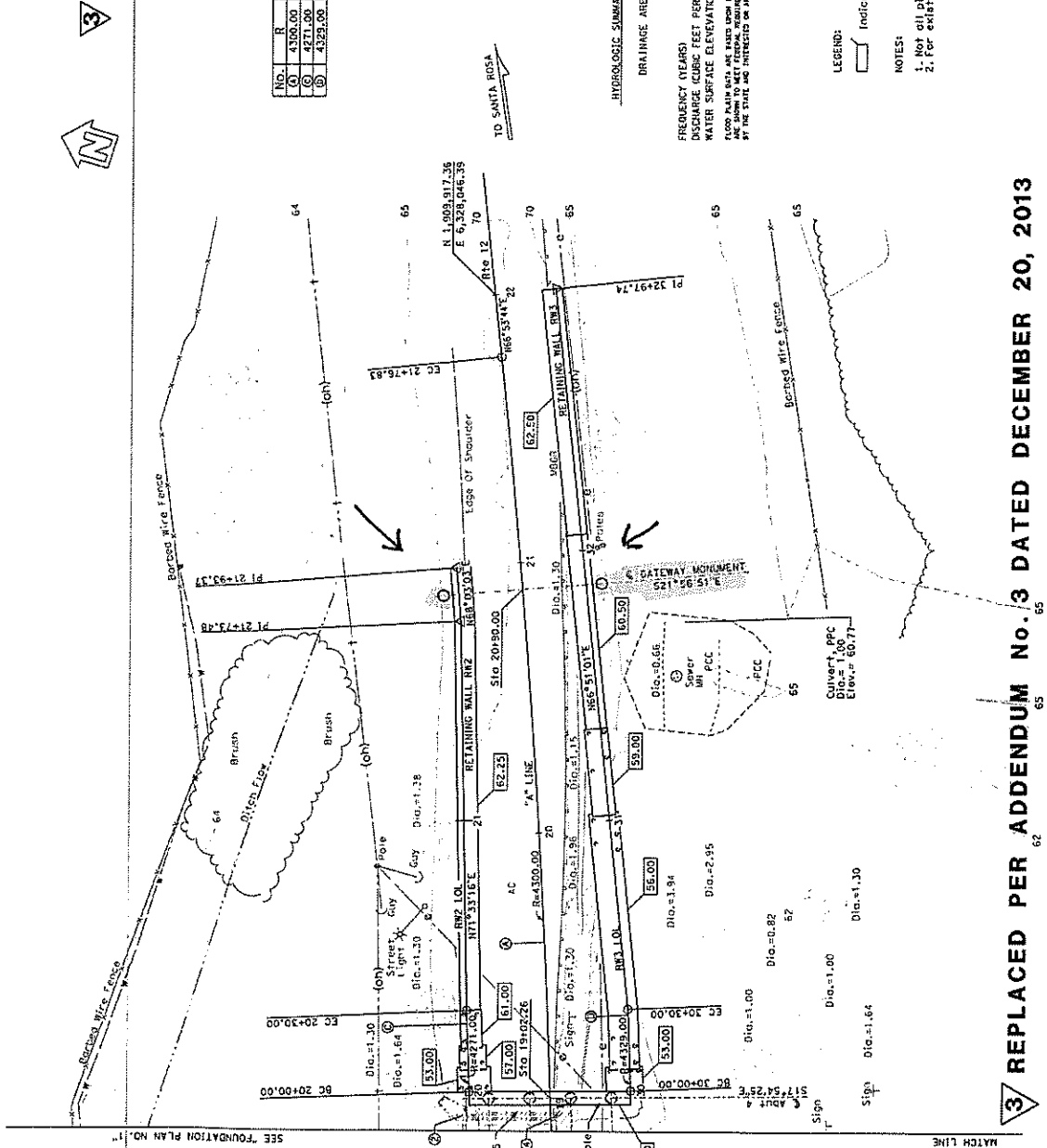
HYDROLOGIC SUMMARY FOR LAQUANA DE SANTA ROSA CHANNEL
 BRIDGE NO. 20-0296

DRAINAGE AREA: 170 SQUARE MILES

FREQUENCY (PEAK)
 DESIGN FLOOD FLOOD FLOOD
 DESIGN FLOOD FEET PER SECOND 30 300 N/A
 WATER SURFACE ELEVATION AT BRIDGE (FEET) 17.00 20.50 N/A
 WATER SURFACE ELEVATION AT BRIDGE (FEET) 17.00 20.50 N/A

NOTE: THE ABOVE INFORMATION IS FOR INFORMATION ONLY AND IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE STATE AND INTERESTED OR AFFECTED PARTIES SHOULD MAKE THEIR OWN INVESTIGATIONS.

- LEGEND:
- Indicates bottom of footing elevation
- NOTES:
- Not all piles shown.
 - For existing utilities, see "ROADWAY PLANS"



3 REPLACED PER ADDENDUM No. 3 DATED DECEMBER 20, 2013

PRELIMINARY INVESTIGATION SECTION		STATE OF CALIFORNIA		DIVISION OF ENGINEERING SERVICES	
SCALE: VERT. 1"=20'	HORIZ. 1"=20'	PROJECT NO.	20-0296	DESIGN BRANCH	16
DATE: 1/11/13	DATE: 2/20/12	PROJECT NAME	LAGUNA DE SANTA ROSA (REPLACE)	FOUNDATION PLAN NO.	2
DESIGNED BY: J. BORDEN	CHECKED BY: J. BORDEN	PROJECT NUMBER	20-0296	FOUNDATION PLAN NO.	2
DRAWN BY: J. BORDEN	CHECKED BY: J. BORDEN	CONTRACT NO.	20-0296	FOUNDATION PLAN NO.	2
DATE: 1/11/13	DATE: 2/20/12	CONTRACT NO.	20-0296	FOUNDATION PLAN NO.	2
DATE: 1/11/13	DATE: 2/20/12	CONTRACT NO.	20-0296	FOUNDATION PLAN NO.	2

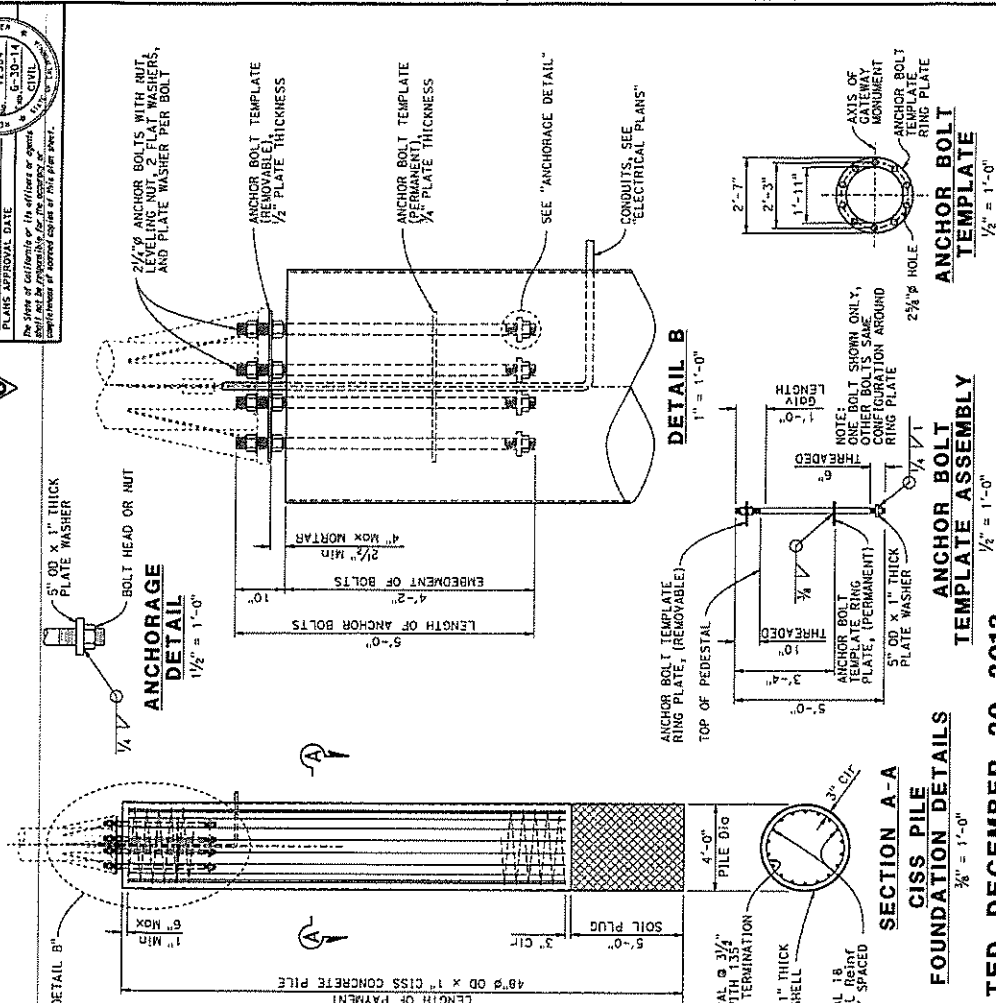
NOTE: THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF EXISTING UTILITIES BEFORE ORDERING OR FABRICATING ANY MATERIAL.

DIST	COUNTY	ROUTE	POST MILE	SHEET NO.	TOTAL SHEETS
04	Son	12	9.6	1154	118

NOTES:
 1. Plates shall be placed against undisturbed material.
 2. Future Gateway Monument to be provided by others. Engineer's approval is required, before installation.



PARTIAL SECTION @ "A" LINE STA 20+90
 $\frac{1}{2}'' = 1'-0''$



ANCHOR BOLT TEMPLATE ASSEMBLY
 $\frac{1}{2}'' = 1'-0''$

ANCHOR BOLT TEMPLATE
 $\frac{1}{2}'' = 1'-0''$

SECTION A-A
 $\frac{1}{2}'' = 1'-0''$

FOUNDATION DETAILS
 $\frac{1}{2}'' = 1'-0''$

LOCATION	PILE TYPE	NOMINAL RESISTANCE (KIPS)	SPECIFIED TIP ELEVATION (FT)	TENSION	COMPRESSION
LEFT PEDESTAL	48" CISS	2	40	N/A	150
RIGHT PEDESTAL	48" CISS	2	40	N/A	150

PILE DATA TABLE

NOTES:
 1. Specified tip elevation will not be raised.
 2. The nominal driving resistance required to support the factored load plus driving resistance from the unsuitable penetrated soil layers (very soft, liquefiable, scourable, etc.), if any, which do not contribute to the design resistance.

GENERAL NOTES

DEAD LOAD:
 Combined total dead load of Gateway Monument above cut-off elevation is 1.0 kips

LIVE LOADING:
 None

CONCRETE:
 f_y = 60 ksi
 f'c = 3.6 ksi
 n = 8

STRUCTURAL STEEL:
 f_y = 3.6 ksi

WELDING:
 All welding continuous unless otherwise noted on the plans

3 ADDED PER ADDENDUM No. 3 DATED DECEMBER 20, 2013

DESIGN BRANCH	DESIGN BRANCH 16	DESIGN NO.	20-0256	DATE	9.6.13
STATE OF CALIFORNIA	DEPARTMENT OF TRANSPORTATION	PROJECT NUMBER & PHASE	040000421	CONTRACT NO.	04-14290
CITY	SAN JOSE	PROJECT NAME	LAGUNA DE SANTA ROSA (REPLACE)	DATE	9.6.13
COUNTY	SANTA CLARA	PROJECT NUMBER	040000421	DATE	9.6.13

REGISTERED CIVIL ENGINEER	DATE	9-16-13
REGISTERED PROFESSIONAL ENGINEER	DATE	9-16-13
REGISTERED CIVIL ENGINEER	DATE	9-16-13



North side



South side