

# INDEX TO PLANS

SHEET No.	TITLE
1	GENERAL PLAN
2	TYPICAL SECTION - 289-FT. SPANS
3	TYPICAL PLAN AND ELEVATION - 289-FT. SPANS
4	DETAILS AT VISCOUS DAMPER LOCATIONS

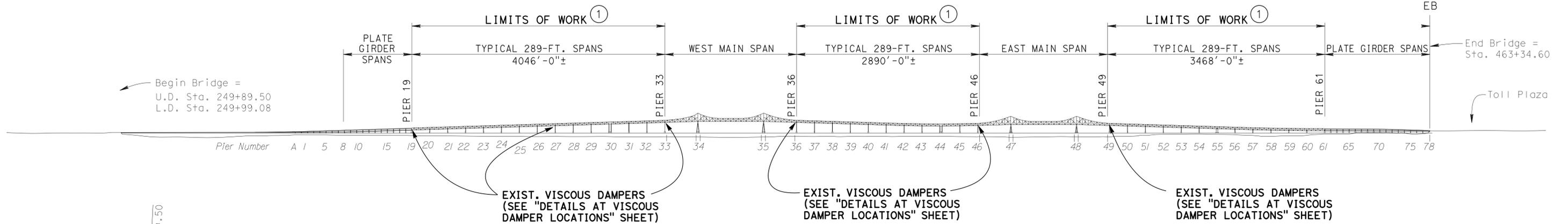
# STANDARD PLANS DATED MAY 2010

SHEET No.	TITLE
A10A TO A10B	ACRONYMS AND ABBREVIATIONS (SHEET 1 OF 2)
A10C TO A10E	ACRONYMS AND ABBREVIATIONS (SHEET 2 OF 2)

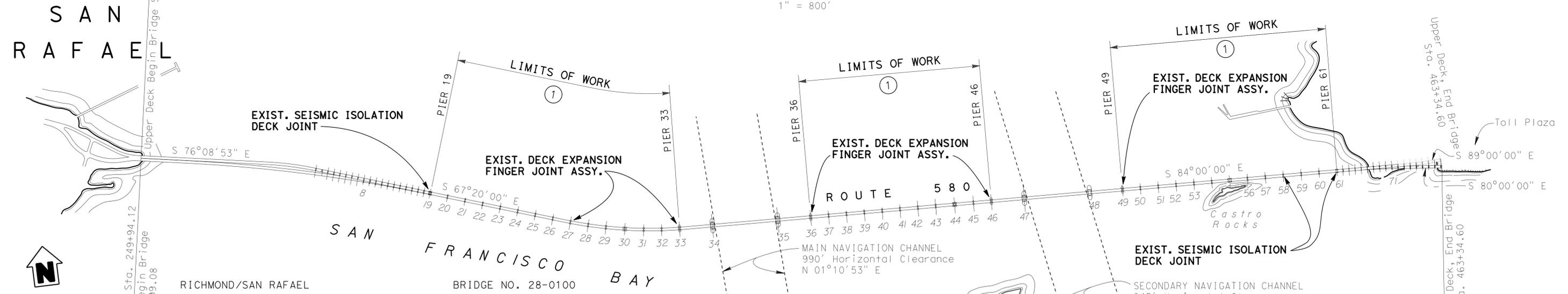
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC, Mrn	580	6.37/1.7, 0.0/2.5	7	9

REGISTERED CIVIL ENGINEER: **LINA G. ELLIS**  
 No. C65260  
 Exp. 9-30-15  
 CIVIL  
 DATE: 01-28-14  
 PLANS APPROVAL DATE: 9-30-13

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



**LEGEND :**  
 ① LIMITS OF SPOT BLAST CLEAN AND PAINT UNDERCOAT, AND CLEAN AND PAINT STRUCTURAL STEEL WITH MOISTURE-CURED POLYURETHANE COATING SYSTEM.



QUANTITIES

LEAD COMPLIANCE PLAN	LUMP SUM
WORK AREA MONITORING (BRIDGE)	LUMP SUM
CLEAN STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP SUM
PAINT STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP SUM
SPOT BLAST CLEAN AND PAINT UNDERCOAT	280,000 SQFT

**NOTE:**  
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

**4** REPLACED PER ADDENDUM No. 4 DATED MARCH 13, 2014  
**3** REPLACED PER ADDENDUM No. 3 DATED FEBRUARY 14, 2014

 DESIGN ENGINEER 01-28-14	DESIGN	BY L. Ellis	CHECKED H. Su	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE AND INVESTIGATIONS	BRIDGE NO.	28-0100	RICHMOND-SAN RAFAEL BRIDGE PAINT BRIDGE - PIERS 19-33, 36-46, 49-61 GENERAL PLAN	
	DETAILS	BY B. Ballesteros	CHECKED L. Ellis	LAYOUT	BY B. Ballesteros			CHECKED	POST MILE		Var
	QUANTITIES	BY L. Ellis	CHECKED H. Su	SPECIFICATIONS	BY			PLANS AND SPECS COMPARED			

NOTE :

AVERAGE THICKNESS OF EXISTING PAINT IS 60 MILS.

LEGEND :

----- INDICATES EXISTING STRUCTURE.

— LIMITS OF SPOT BLAST CLEAN AND PAINT UNDERCOAT, AND CLEAN AND PAINT STRUCTURAL STEEL WITH MOISTURE-CURED POLYURETHANE COATING SYSTEM.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC, Mrn	580	6.37/1.7, 0.0/2.5	8	9

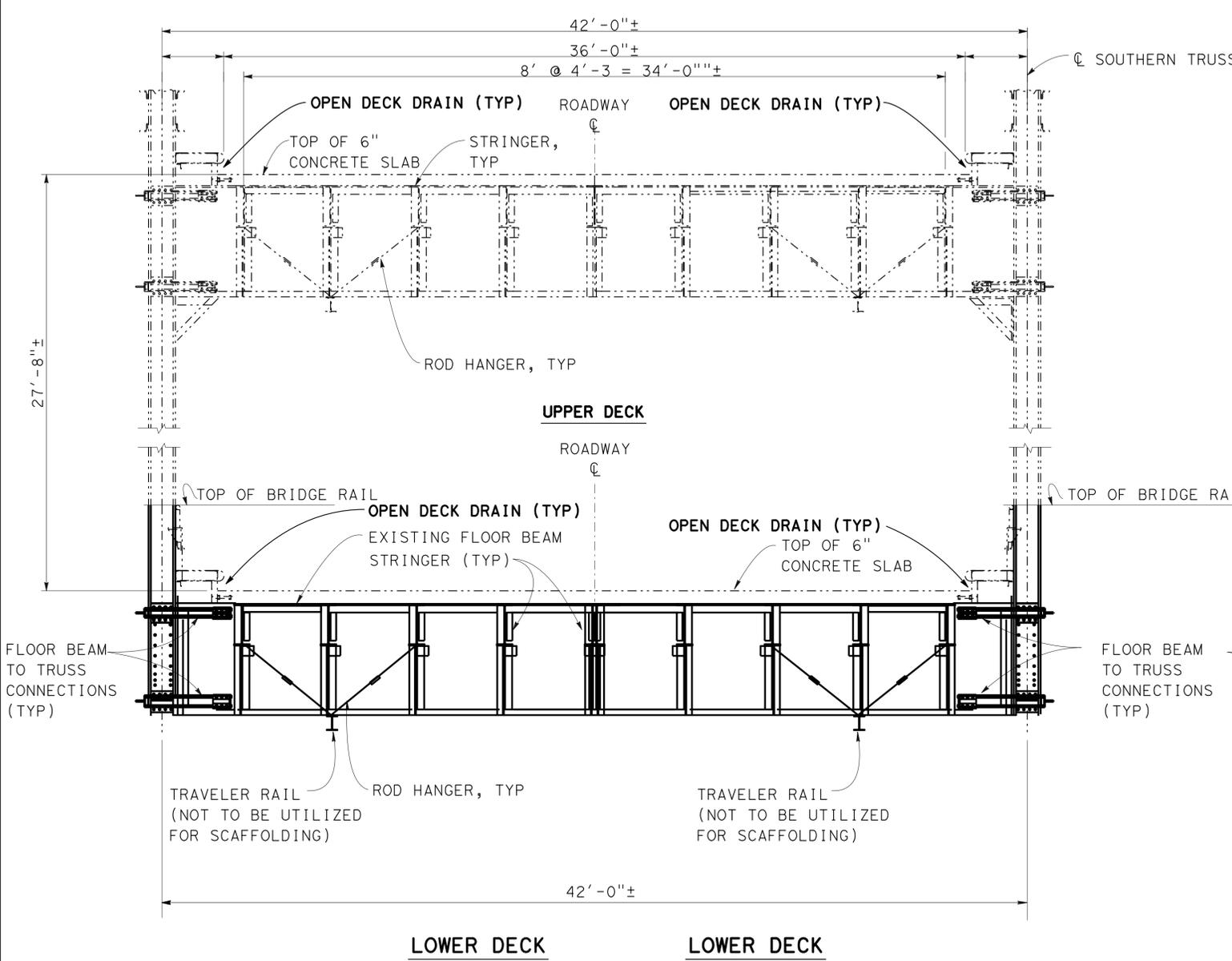
01-28-14  
REGISTERED CIVIL ENGINEER DATE

9-30-13  
PLANS APPROVAL DATE

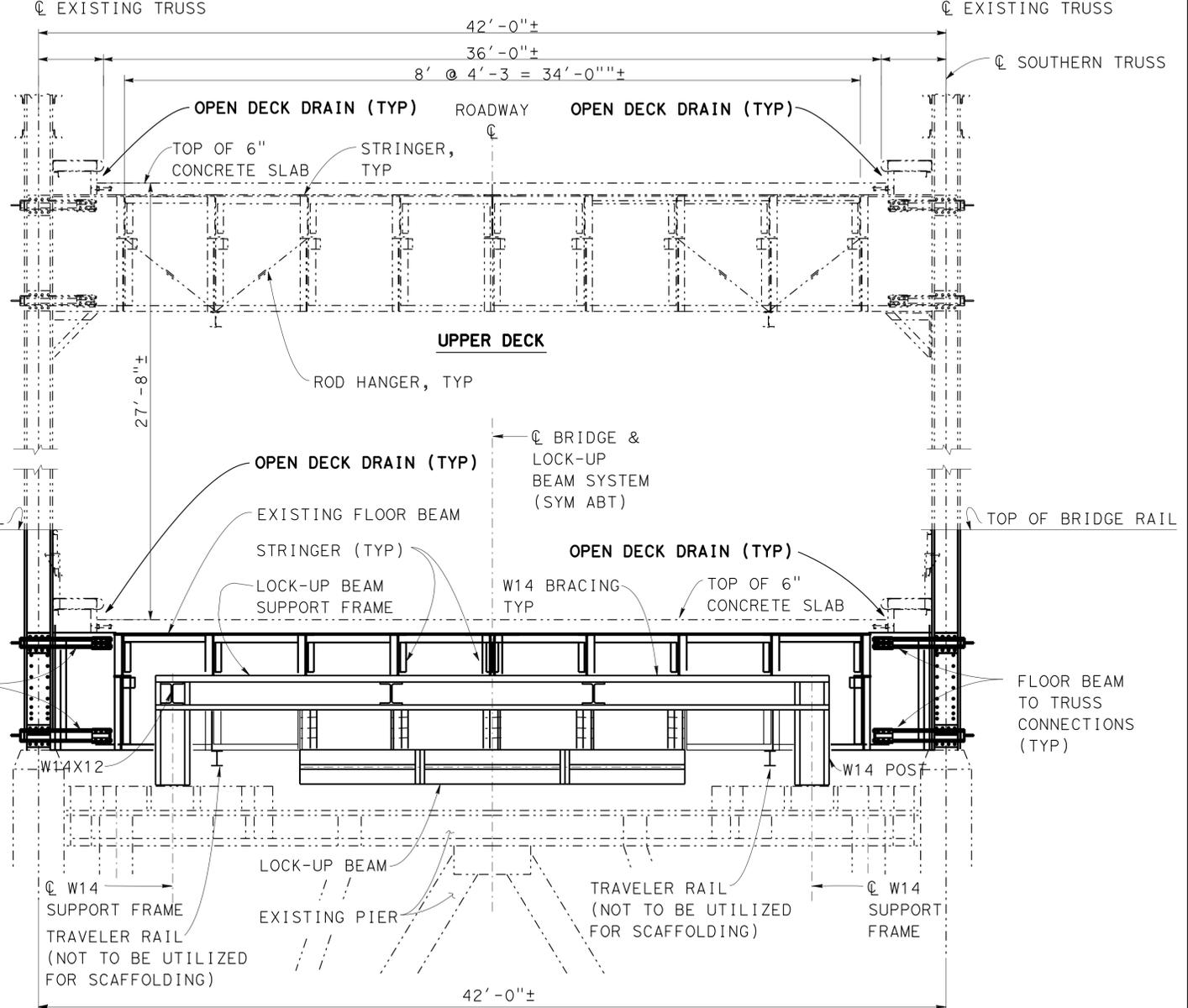
LINA G. ELLIS  
No. C65260  
Exp. 9-30-15  
CIVIL

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

3  
4



TYPICAL SECTION - 289-FT. SPANS  
NO SCALE



TYPICAL SECTION - PIERS 27, 33, 36, 46 AND 49  
NO SCALE

NOTE:  
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

4 REPLACED PER ADDENDUM No. 4 DATED MARCH 13, 2014  
3 REPLACED PER ADDENDUM No. 3 DATED FEBRUARY 14, 2014

RICHMOND-SAN RAFAEL BRIDGE  
PAINT BRIDGE - PIERS 19-33, 36-46, 49-61  
TYPICAL SECTION - 289-FT SPANS

DESIGN	BY L. Ellis	CHECKED H. Su	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE AND INVESTIGATIONS	BRIDGE NO.	28-0100	
DETAILS	BY B. Ballesteros	CHECKED L. Ellis			POST MILE		Var
QUANTITIES	BY	CHECKED H. Su					

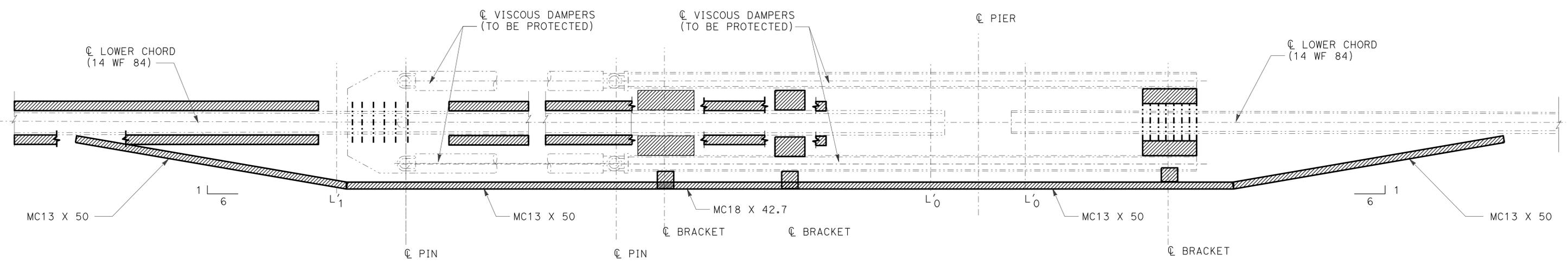
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC, Mrn	580	6.37/1.7, 0.0/2.5	9A	9
			01-28-14		
			REGISTERED CIVIL ENGINEER	DATE	
			9-30-13	PLANS APPROVAL DATE	
<small>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</small>					

3  
4

LEGEND :

MEMBERS TO BE PAINTED

NOTE : ONLY THE VISCOUS DAMPER FRAMING AND CONNECTIONS ARE SHOWN.



**PLAN - VISCOUS DAMPERS (TYP)**  
No Scale

4 **REPLACED PER ADDENDUM No. 4 DATED MARCH 13, 2014**  
3 **ADDED PER ADDENDUM No. 3 DATED FEBRUARY 14, 2014**

NOTE:  
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

<b>STATE OF CALIFORNIA</b> DEPARTMENT OF TRANSPORTATION				DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE AND INVESTIGATIONS	BRIDGE NO. 28-0100 POST MILE Var	<b>RICHMOND-SAN RAFAEL BRIDGE</b> <b>PAINT BRIDGE - PIERS 19-33, 36-46, 49-61</b> <b>DETAILS AT VISCOUS DAMPER LOCATIONS</b>						
DESIGN	BY L. Ellis	CHECKED H. Su										
DETAILS	BY B. Ballesteros	CHECKED L. Ellis										
QUANTITIES	BY	CHECKED H. Su										
<small>STRUCTURES MAINTENANCE DETAIL SHEET (ENGLISH) (REV. 09-01-10)</small>			<small>ORIGINAL SCALE IN INCHES FOR REDUCED PLANS</small> 	UNIT: 3486 PROJECT NUMBER & PHASE: 0412000084	CONTRACT NO.: 04-3G4841	<small>DISREGARD PRINTS BEARING EARLIER REVISION DATES</small> <table border="1" style="font-size: 8px;"> <tr> <th>REVISION DATES</th> <th>SHEET</th> <th>OF</th> </tr> <tr> <td>3-3-14</td> <td>3A</td> <td>3</td> </tr> </table>	REVISION DATES	SHEET	OF	3-3-14	3A	3
REVISION DATES	SHEET	OF										
3-3-14	3A	3										

USERNAME => s121614 DATE PLOTTED => 13-MAR-2014