

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Mirn, Son	101	26.8, 27.6, 0.0/2.0	701	710

*Randy S. Bains* 03-07-14  
 REGISTERED CIVIL ENGINEER DATE

8-18-14  
 PLANS APPROVAL DATE

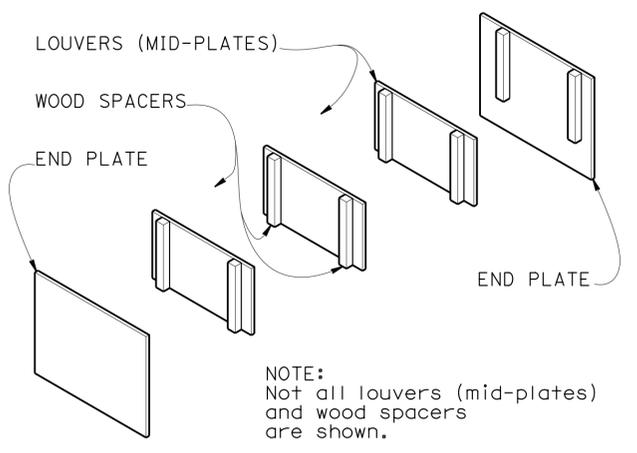
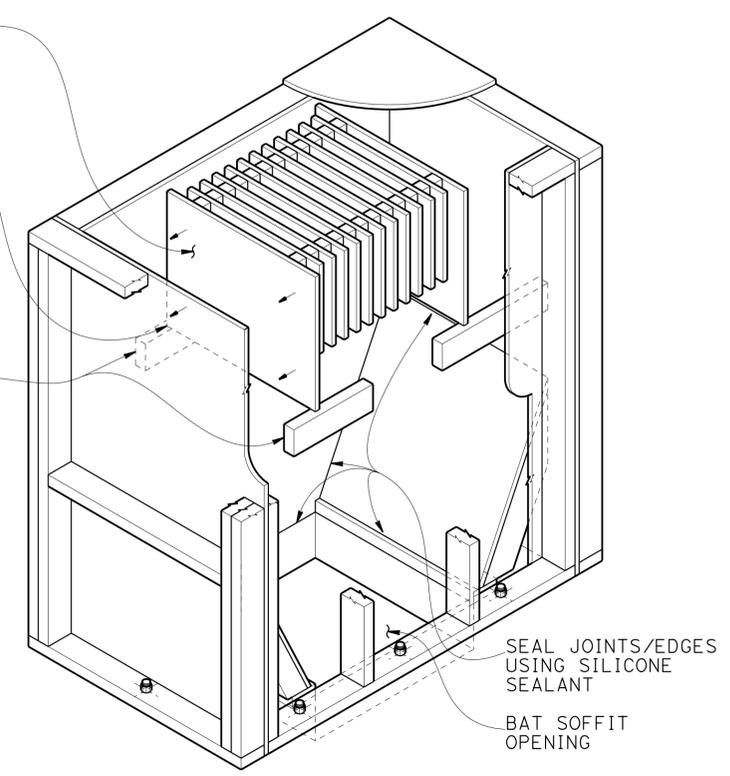
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REGISTERED PROFESSIONAL ENGINEER  
 RANDIP S. BAINS  
 No. C64172  
 Exp. 06-30-2015  
 CIVIL  
 STATE OF CALIFORNIA

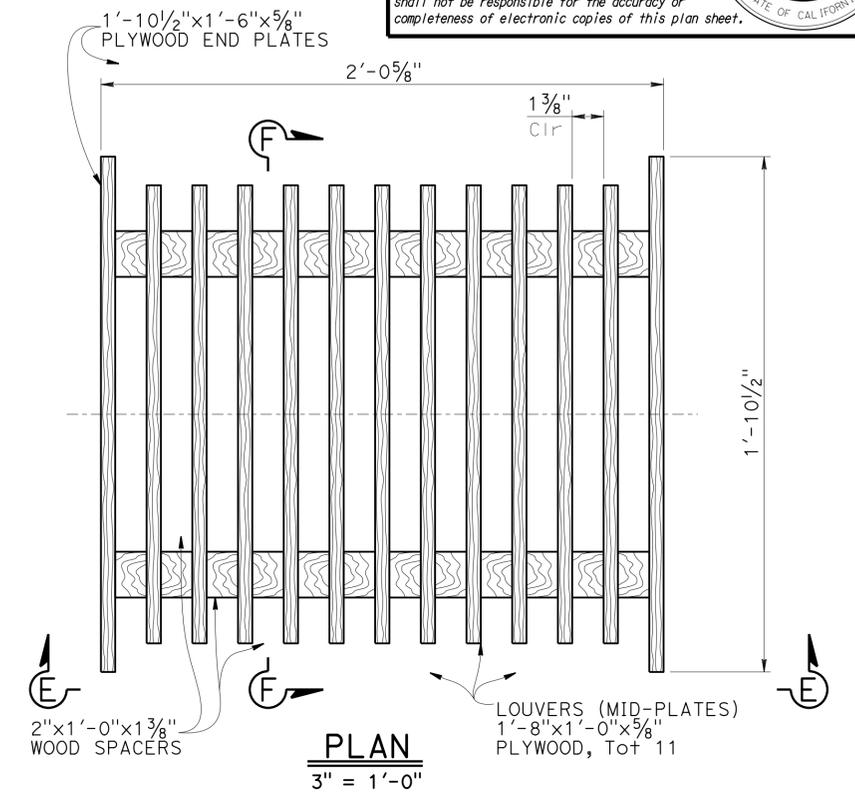
LOCATE ASSEMBLY IN CENTER OF BOX DIRECTLY ABOVE BAT SOFFIT OPENING

LOCK ASSEMBLY IN PLACE USING NAIL STOPPERS AT ALL MOUNTING BLOCKS

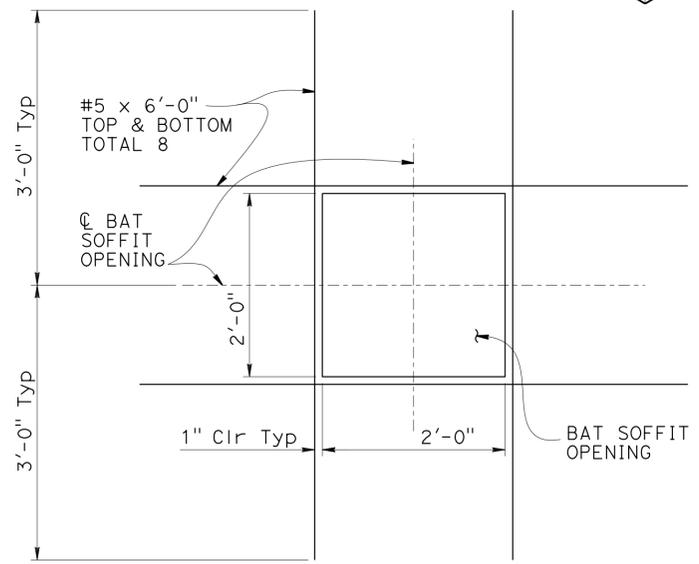
MOUNT ASSEMBLY ON (STUD) BLOCKS NAILED INSIDE FACE



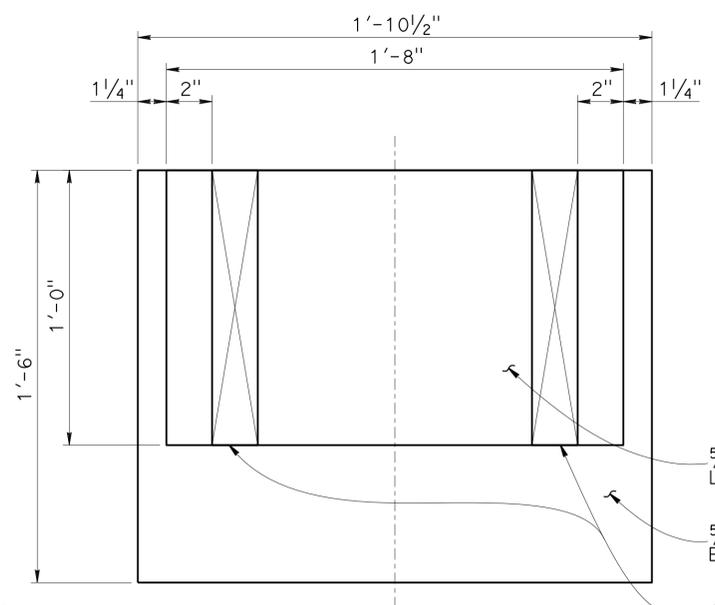
**LOUVER ASSEMBLY**  
NO SCALE



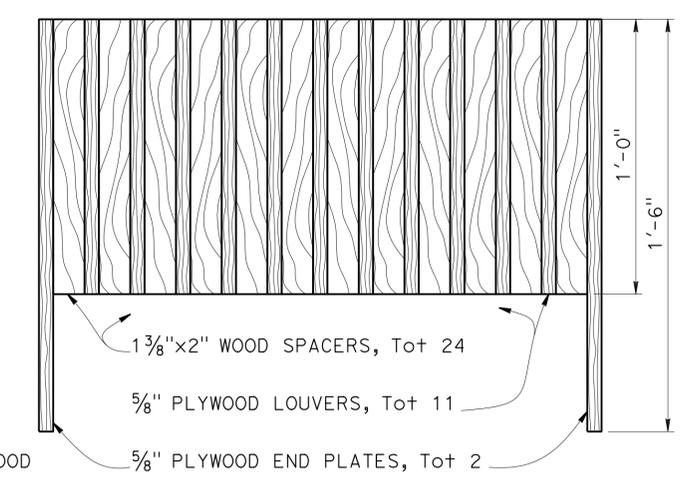
**PLAN**  
3" = 1'-0"



**BAT SOFFIT OPENING DETAIL**  
NO SCALE



**SECTION F-F**  
3" = 1'-0"



**VIEW E-E**  
3" = 1'-0"

- NOTES:
1. All plywood shall be Grade BC Douglas Fir.
  2. All wood lumber shall be Douglas Fir No. 2.
  3. All metal bolts and nails shall be galvanized.
  4. See "GIRDER LAYOUT" sheet for placement of bat habitat.
  5. Longitudinal and transverse reinforcement to be terminated at soffit opening

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REV. 09-01-10)	DESIGN	BY M. BEALL	CHECKED R. BAINS	<b>STATE OF CALIFORNIA</b> DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES STRUCTURE DESIGN <b>DESIGN BRANCH 8</b>	BRIDGE NO.	27-0119	<b>SAN ANTONIO CREEK BRIDGE</b> <b>BAT HABITAT DETAILS NO. 2</b>		
	DETAILS	BY T. KUSUMI	CHECKED R. BAINS			POST MILE	0.0			
	QUANTITIES	BY M. BEALL	CHECKED N. KYO							
	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				UNIT: 3593	PROJECT NUMBER & PHASE: 0400000735-1	CONTRACT NO.: 04-264091	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES 02-18-10 11-07-13 02-20-14	SHEET 26 OF 35





**BENCH MARK**

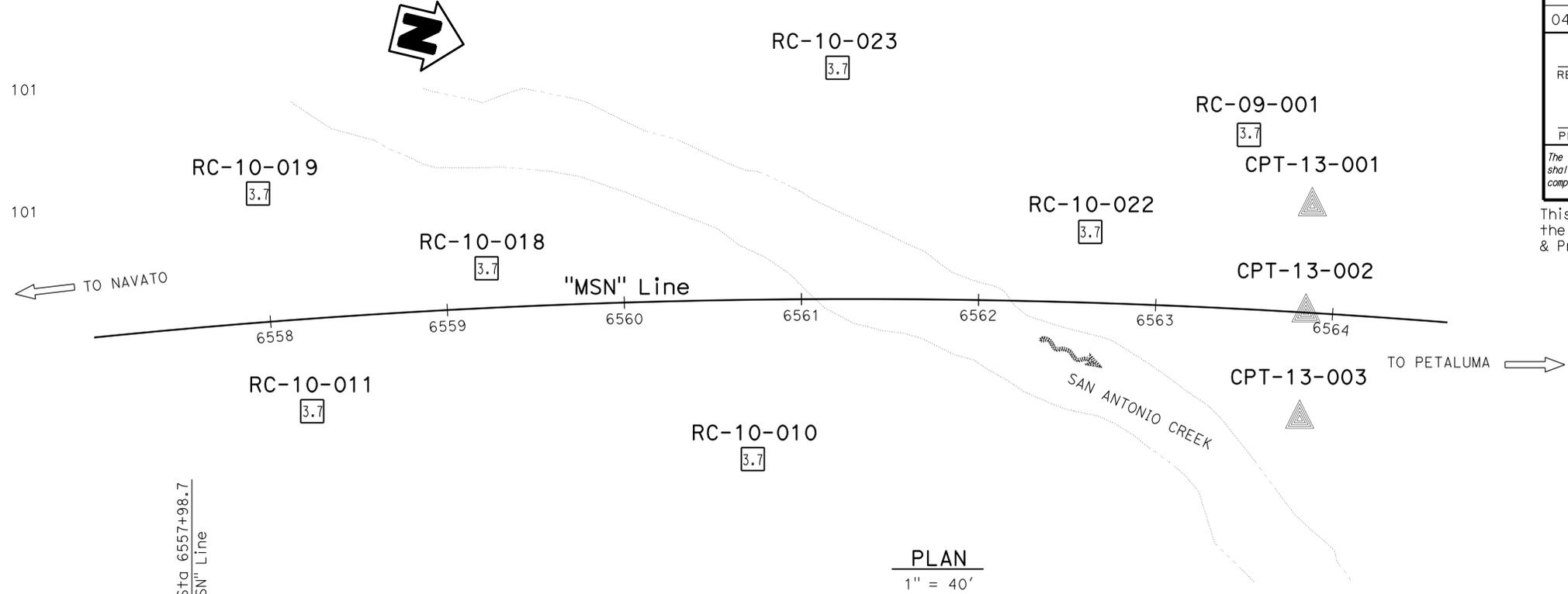
PRHV605  
264.21 Ft Lt "MSN" Line, Prop. Rte 101  
Sta 6568+91.93  
N 2,261,196.64  
E 5,957,362.15  
Elev= 34.74

PRHV606  
292.21 Ft Rt "MSN" Line, Prop. Rte 101  
Sta 6567+84.61  
N 2,261,136.11  
E 5,957,925.47  
Elev= 26.72

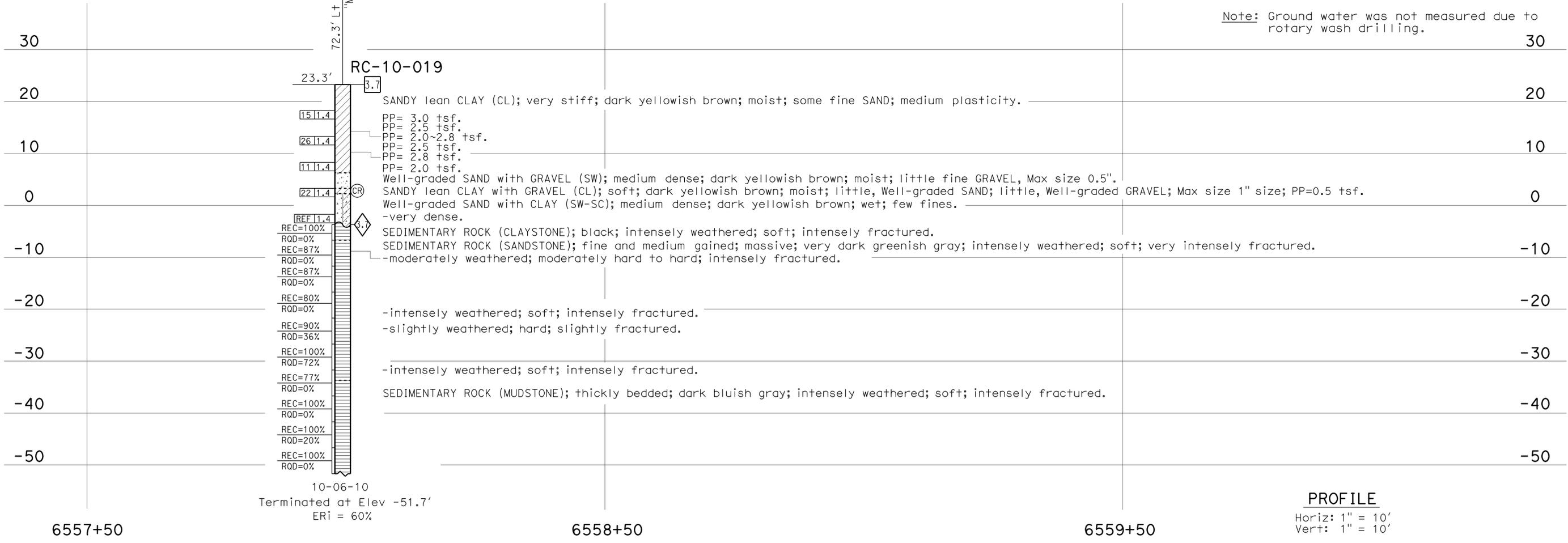
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	Mirn, Son	101	26.8, 27.6, 0.0/2.0	704	710

*S. Y.*  
 REGISTERED CIVIL ENGINEER  
 09-17-13  
 8-18-14  
 PLANS APPROVAL DATE  
 Sunny Yang  
 No. C71801  
 Exp. 12-31-15  
 CIVIL  
 STATE OF CALIFORNIA

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This LOTB sheet was prepared in accordance with the Caltrans Soil & Rock Logging, Classification, & Presentation Manual (2010 Edition).



<b>ENGINEERING SERVICES</b>		<b>MATERIALS AND GEOTECHNICAL SERVICES</b>		<b>STATE OF CALIFORNIA</b>		<b>DIVISION OF ENGINEERING SERVICES</b>		<b>BRIDGE NO.</b>		<b>SAN ANTONIO CREEK BRIDGE</b>	
FUNCTIONAL SUPERVISOR		DRAWN BY: C. Christian/ F. Nguyen 9/11		DEPARTMENT OF TRANSPORTATION		STRUCTURE DESIGN		27-0119		LOG OF TEST BORINGS 1 OF 7	
NAME: H. Nikouli		CHECKED BY: R. Karpowicz		FIELD INVESTIGATION BY: S. Yang		DESIGN BRANCH 8		POST MILE		REVISION DATES	
06S CIVIL LOG OF TEST BORINGS SHEET		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		UNIT: 3643		PROJECT NUMBER & PHASE: 04000007354		CONTRACT NO.: 04-264094		SHEET OF	
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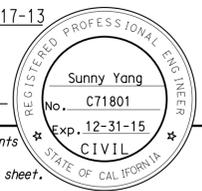






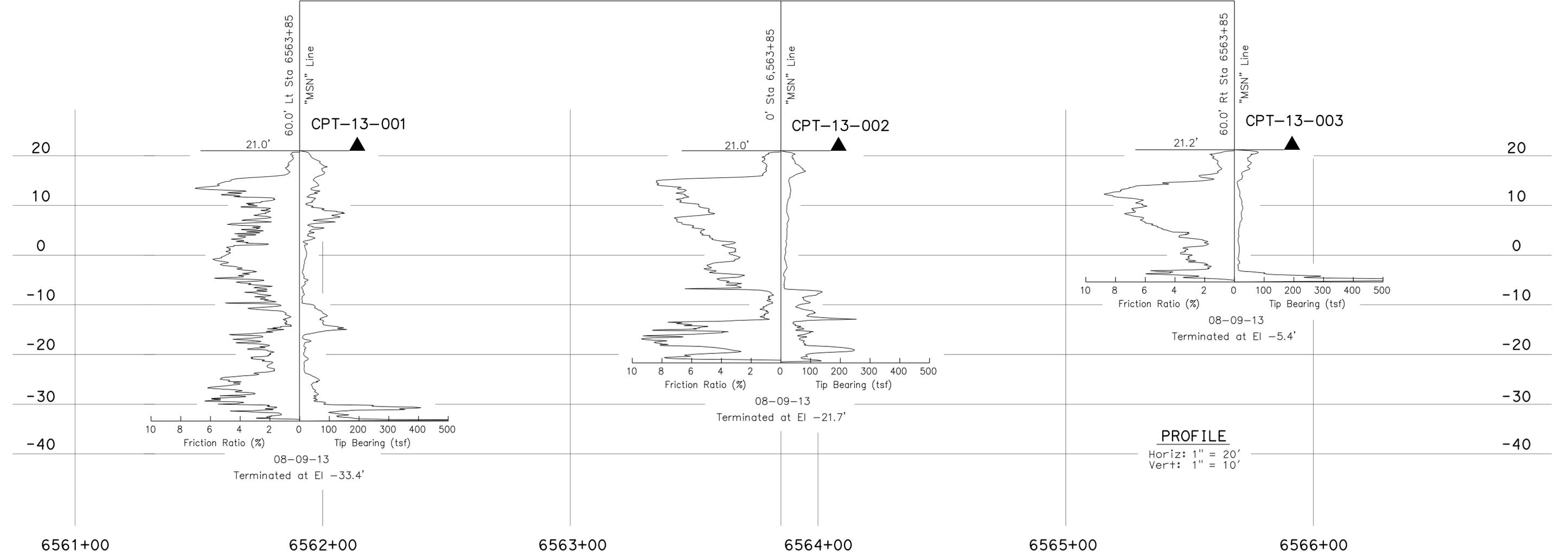




DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	Mrn, Son	101	26.8, 27.6, 0.0/2.0	710	710
			09-17-13		
REGISTERED CIVIL ENGINEER					
8-18-14			PLANS APPROVAL DATE		
					
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FOR PLAN VIEW, SEE  
"LOG OF TEST BORINGS 1 OF 7"



<b>ENGINEERING SERVICES</b>		<b>MATERIALS AND GEOTECHNICAL SERVICES</b>		<b>STATE OF CALIFORNIA</b>		<b>DIVISION OF ENGINEERING SERVICES</b>		<b>BRIDGE NO.</b>		<b>SAN ANTONIO CREEK BRIDGE</b>	
FUNCTIONAL SUPERVISOR		DRAWN BY: C. Christian/ F. Nguyen 9/11		FIELD INVESTIGATION BY:		STRUCTURE DESIGN		27-0119		<b>LOG OF TEST BORINGS 7 OF 7</b>	
NAME: H. Nikoui		CHECKED BY: R. Karpowicz		S. Yang		<b>DESIGN BRANCH 8</b>		POST MILE			
								0.0			
06S CIVIL LOG OF TEST BORINGS SHEET		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		UNIT: 3643		PROJECT NUMBER & PHASE: 04000007351		CONTRACT NO.: 04-264091		DISREGARD PRINTS BEARING EARLIER REVISION DATES	
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								09-28-11 11-04-11 08-29-13 09-24-13		35 35	

USERNAME => gcrkoskey DATE PLOTTED => 19-AUG-2014 TIME PLOTTED => 14:35