

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Tri	3	49.7/53.7	1	10

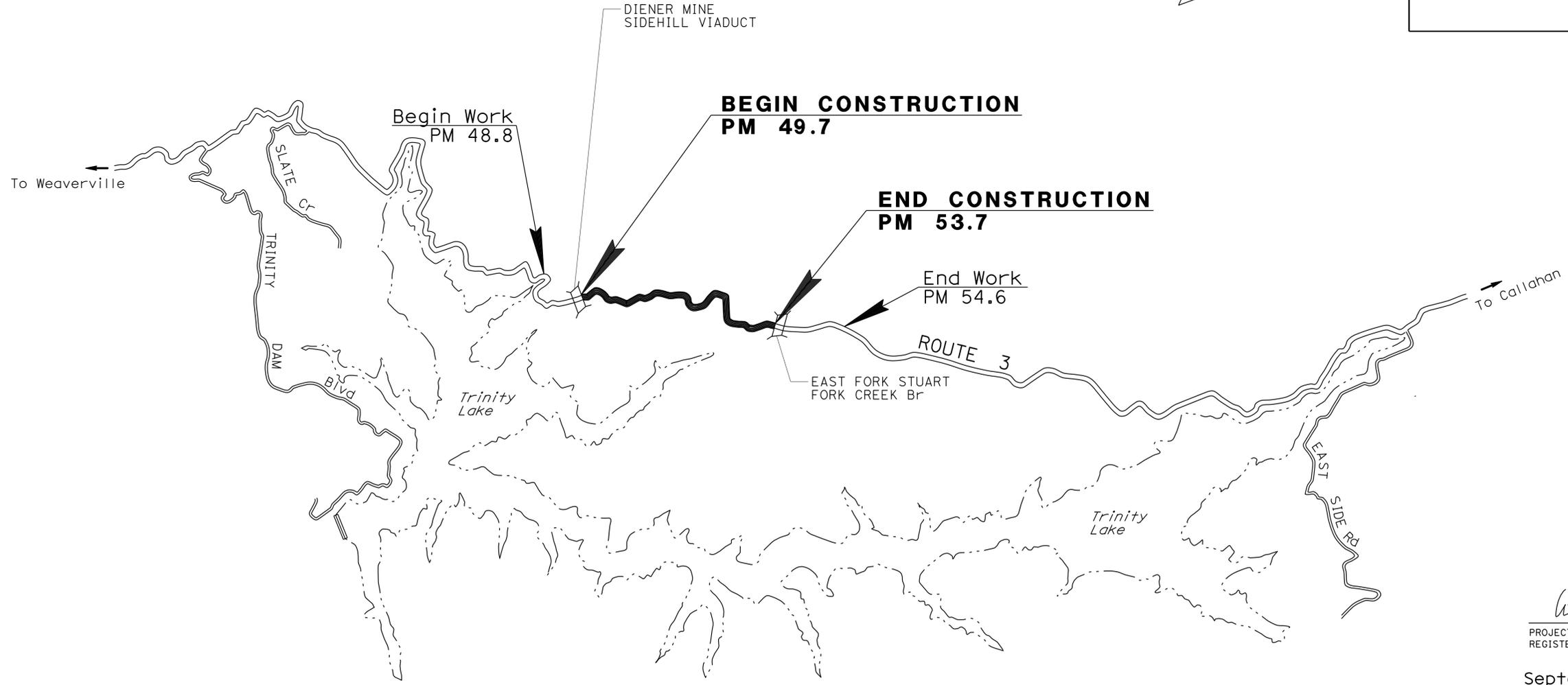
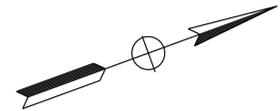
INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2	TYPICAL CROSS SECTIONS
3-7	CONSTRUCTION DETAILS
8	CONSTRUCTION AREA SIGNS
9	PAVEMENT DELINEATION DETAILS
10	SUMMARY OF QUANTITIES

THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.

STATE OF CALIFORNIA  
**DEPARTMENT OF TRANSPORTATION**  
**PROJECT PLANS FOR CONSTRUCTION ON**  
**STATE HIGHWAY**  
**IN TRINITY COUNTY ABOUT 20 MILES**  
**NORTH OF WEAVERVILLE FROM DIENER**  
**MINE SIDEHILL VIADUCT TO EAST**  
**FORK STUART FORK CREEK BRIDGE**

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2015



PROJECT MANAGER	LANCE BROWN
DESIGN MANAGER	LANCE BROWN

*Willie* 09-28-16  
 PROJECT ENGINEER DATE  
 REGISTERED CIVIL ENGINEER  
 September 28, 2016  
 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.



THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

NO SCALE

CONTRACT No.	<b>02-2H3504</b>
PROJECT ID	<b>0216000088</b>

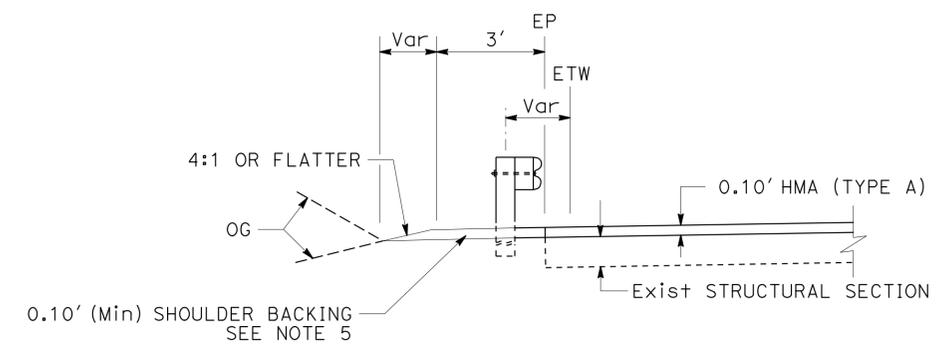
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Tri	3	49.7/53.7	2	10
			09-28-16	DATE	
			09-28-16	PLANS APPROVAL DATE	
REGISTERED CIVIL ENGINEER MICHAEL A. CONNER No. C73123 Exp. 12-31-16 CIVIL STATE OF CALIFORNIA					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					

**PAVEMENT CLIMATE REGION:**

LOW MOUNTAIN

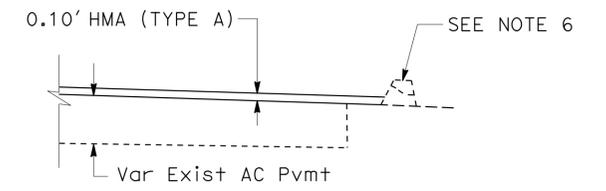
**NOTES:**

- DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT R/W ENGINEERING AT THE DISTRICT OFFICE.
- UTILITY INVESTIGATIONS HAVE BEEN COMPLETED AND NO UTILITIES WERE FOUND AT EACH GUARDRAIL TRANSITION LOCATION. ALL OTHER LOCATIONS OF WORK ARE FLEXIBLE AND MAY BE ADJUSTED TO MITIGATE ANY CONFLICTS WITH EXISTING UTILITY FACILITIES. UTILITIES ARE NOT INCLUDED ON THESE PLANS.
- DO NOT PLACE SHOULDER BACKING IN DRAINAGE DITCHES.
- GRADE TO DRAIN AWAY FROM ROADWAY.
- EXISTING DIKE IS ON ESTABLISHED SLOPES AND DOES NOT NEED TO BE RECONSTRUCTED.



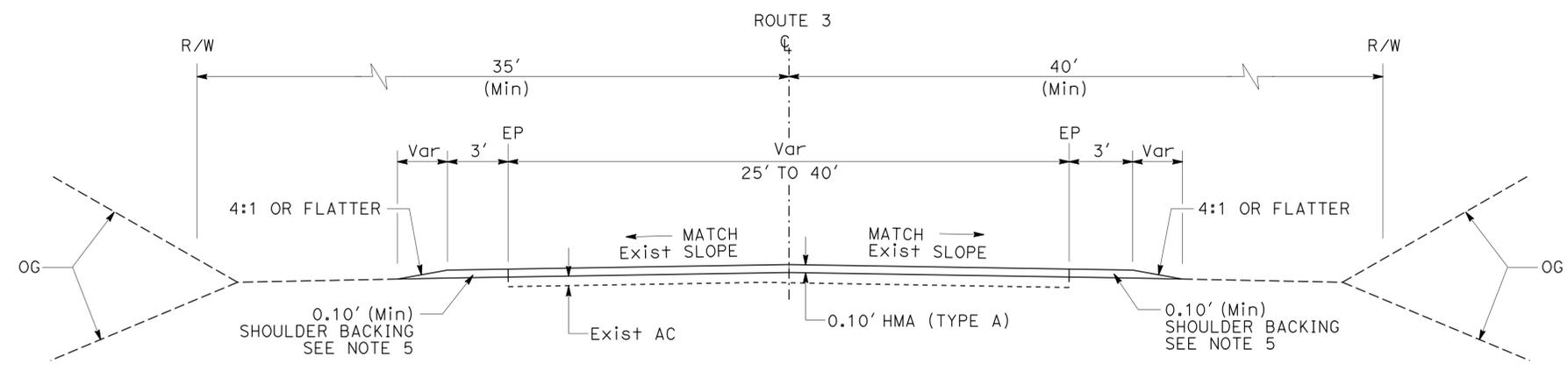
**GUARDRAIL LOCATION**

PM 49.79  
(TYPICAL BOTH DIRECTIONS)



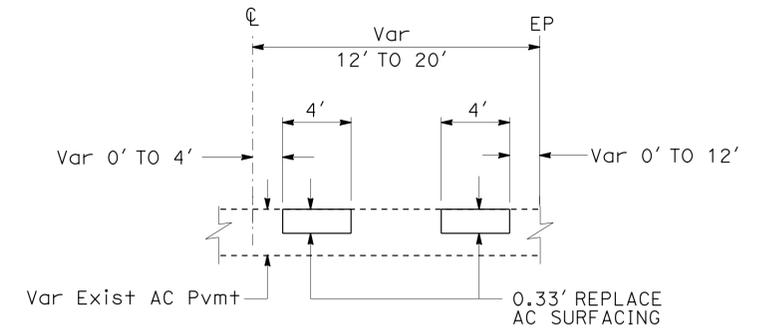
**DIKE DETAILS**

(TYPICAL BOTH DIRECTIONS)  
 PM 50.73  
 PM 51.60  
 PM 52.11  
 PM 53.06



**ROUTE 3  
TYPICAL CROSS SECTION**

PM 49.79 TO 53.69



**REPLACE AC SURFACING**

(TYPICAL BOTH DIRECTIONS)

**TYPICAL CROSS SECTIONS**

NO SCALE

**X-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 MAINTENANCE  
 FUNCTIONAL SUPERVISOR: LANCE BROWN  
 CALCULATED/DESIGNED BY: MICHAEL CONNER  
 CHECKED BY: KARLIE SMITH  
 REVISED BY: [blank]  
 DATE REVISED: [blank]

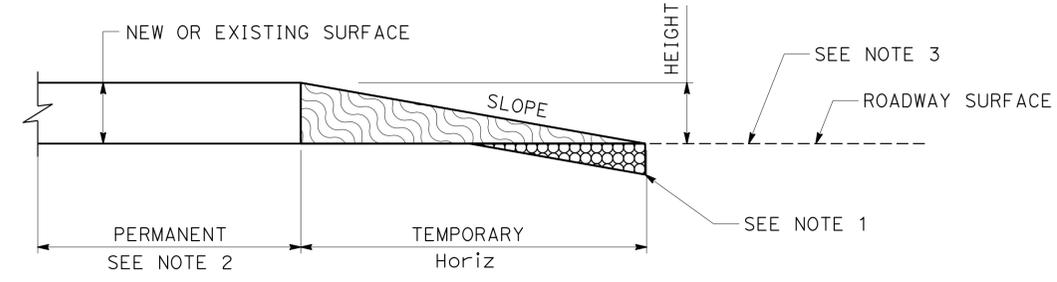
P:\proj\3\02\2h350\plans\pse\22h350ca001.dgn  
 USERNAME => s115152  
 DGN FILE => 22h350ca001.dgn

**NOTES:**

- FOR TEMPORARY CONSTRUCTION TAPERS, GRIND EXISTING SURFACES TO ACCOMMODATE A MINIMUM TAPER THICKNESS OF 0.10' WHEN EITHER:
  - HMA MATERIAL SUCH AS RUBBERIZED HMA, POLYMER-MODIFIED BONDED WEARING COURSE, OR OPEN-GRADED FRICTION COURSE IS UNSUITABLE FOR RAKING TO A MAXIMUM 0.02' THICKNESS AT THE EDGE.
  - TEMPORARY TAPER WILL BE IN PLACE FOR MORE THAN 14 DAYS.
- PERMANENT SURFACE MAY BE EXISTING OR NEW PAVEMENT.
- ROADWAY SURFACE IS THE TOP OF EXISTING SURFACE OR THE TOP OF THE PLANED SURFACE.
- UTILITY INVESTIGATIONS HAVE BEEN COMPLETED AND NO UTILITIES WERE FOUND AT EACH GUARDRAIL TRANSITION LOCATION. ALL OTHER LOCATIONS OF WORK ARE FLEXIBLE AND MAY BE ADJUSTED TO MITIGATE ANY CONFLICTS WITH EXISTING UTILITY FACILITIES. UTILITIES ARE NOT INCLUDED ON THESE PLANS.
- GRADE TO DRAIN AWAY FROM ROADWAY.

**LEGEND:**

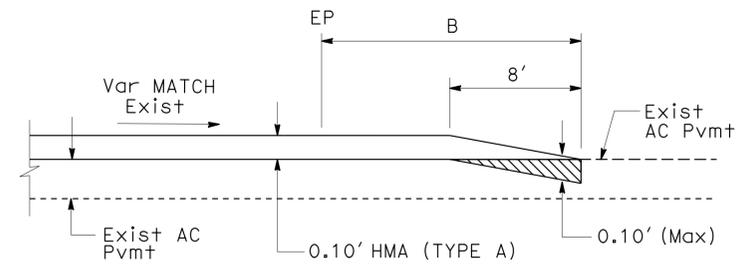
- COLD PLANE ASPHALT CONCRETE PAVEMENT (0.00' TO 0.10')
- HMA MATERIAL (TEMPORARY TAPER)
- IF NECESSARY, COLD PLANE ASPHALT CONCRETE PAVEMENT AND PLACE HMA MATERIAL (SEE NOTE 1)
- COLD PLANE ASPHALT CONCRETE PAVEMENT (0.10')



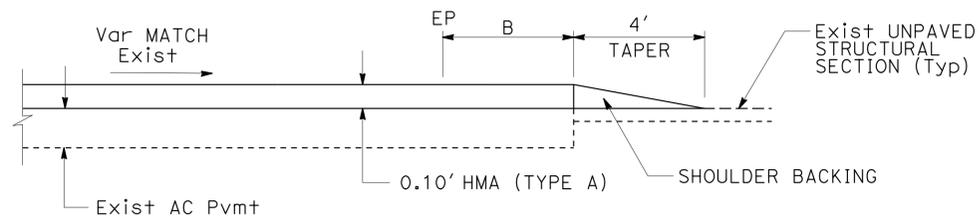
ELEVATION

**TEMPORARY TAPERS**

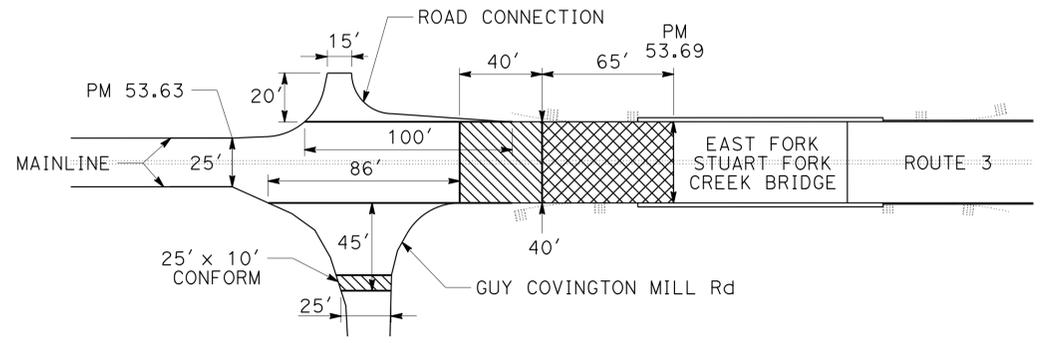
HEIGHT DIFFERENTIAL (FOOT)	SLOPE (HORIZONTAL:VERTICAL)	
	TAPER USE OF 14 DAYS OR LESS	TAPER USE OF MORE THAN 14 DAYS
GREATER THAN 0.08	100:1 OR FLATTER	200:1 OR FLATTER
0.04-0.08	70:1 OR FLATTER	70:1 OR FLATTER



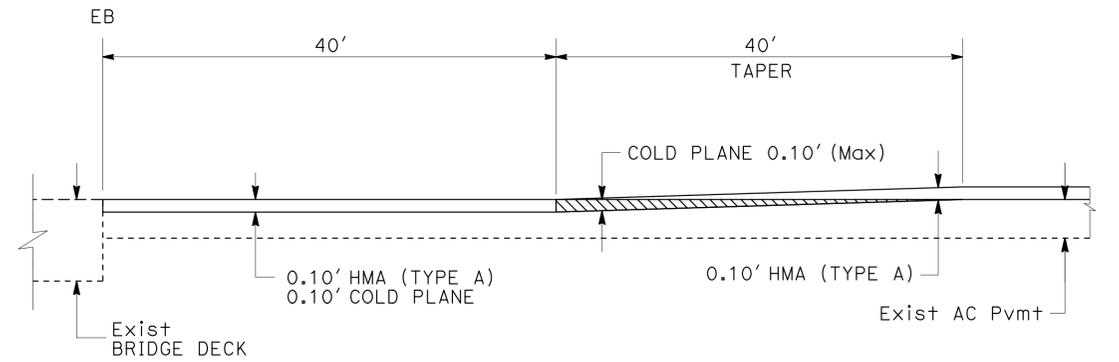
**CASE A SECTION A-A**



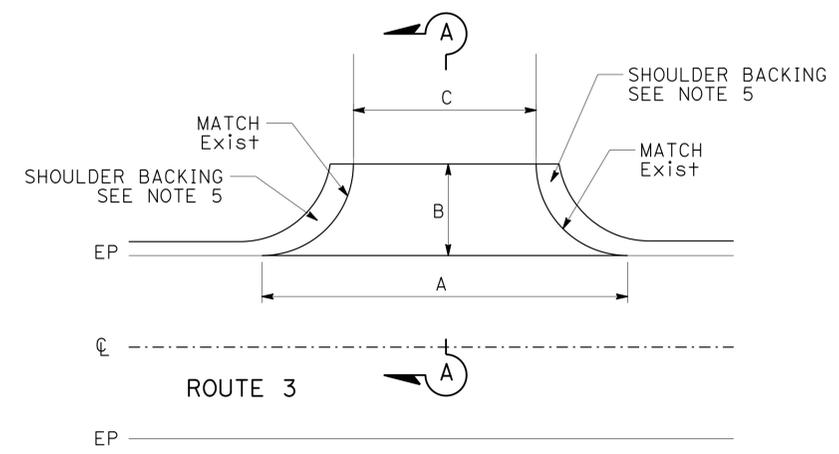
**CASE B SECTION A-A**



**ROAD CONNECTION DETAIL**  
PM 53.66



**MAINLINE CONFORM TAPER**  
PM 49.79



**PAVED ROAD CONNECTIONS**

**ROAD CONNECTIONS**

ROAD CONNECTION	SIDE	POST MILE	DIMENSIONS (LF)			CASE
			A	B	C	
HAYWARD FLAT CAMPGROUND	R+	50.60	322	90	22	A
STROPE CREEK LANE Pv+	L+	51.20	147	40	26	B
DRIVEWAY	R+	51.36	77	12	44	B
ROAD CONNECTION	R+	52.01	64	10	40	A
ROAD CONNECTION	L+	52.47	74	20	28	B
PULLOUT	R+	53.23	89	25	25	B
LAKE FOREST DRIVE	L+	53.30	135	30	33	A
GUY COVINGTON MILL Rd	R+	53.66	*	*	*	A
ROAD CONNECTION	L+	53.66	*	*	*	B

\* SEE ROAD CONNECTION DETAIL

**CONSTRUCTION DETAILS**

NO SCALE

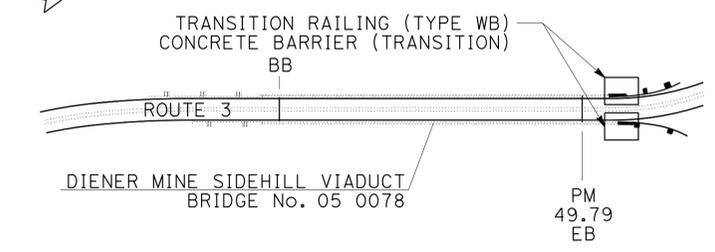
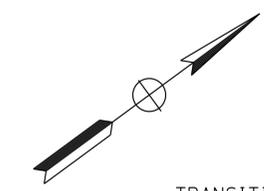
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - MAINTENANCE  
 FUNCTIONAL SUPERVISOR: LANCE BROWN  
 CALCULATED/DESIGNED BY: MICHAEL CONNER  
 CHECKED BY: KARLIE SMITH  
 REVISIONS: REVISOR: MICHAEL CONNER, DATE: 09-28-16  
 REVISOR: KARLIE SMITH, DATE: 09-28-16

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Tri	3	49.7/53.7	4	10
			09-28-16	DATE	
			09-28-16	PLANS APPROVAL DATE	
REGISTERED CIVIL ENGINEER MICHAEL A. CONNER No. C73123 Exp. 12-31-16 CIVIL STATE OF CALIFORNIA					
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.					

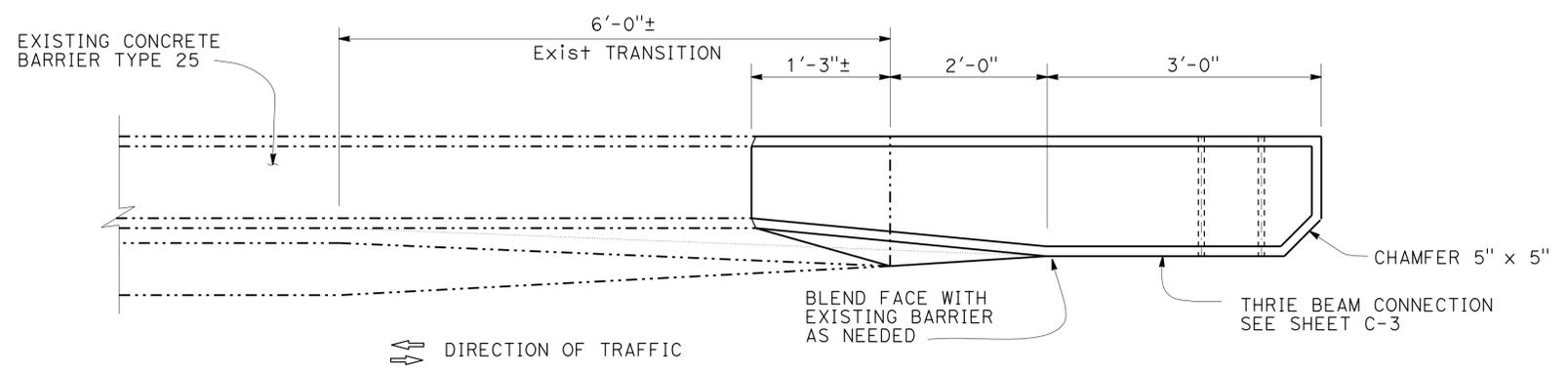
**NOTES:**

- UTILITY INVESTIGATIONS HAVE BEEN COMPLETED AND NO UTILITIES WERE FOUND AT EACH GUARDRAIL TRANSITION LOCATION. ALL OTHER LOCATIONS OF WORK ARE FLEXIBLE AND MAY BE ADJUSTED TO MITIGATE ANY CONFLICTS WITH EXISTING UTILITY FACILITIES. UTILITIES ARE NOT INCLUDED ON THESE PLANS.
- THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.
- ALL BAR REINFORCING STEEL TO BE EPOXY COATED.

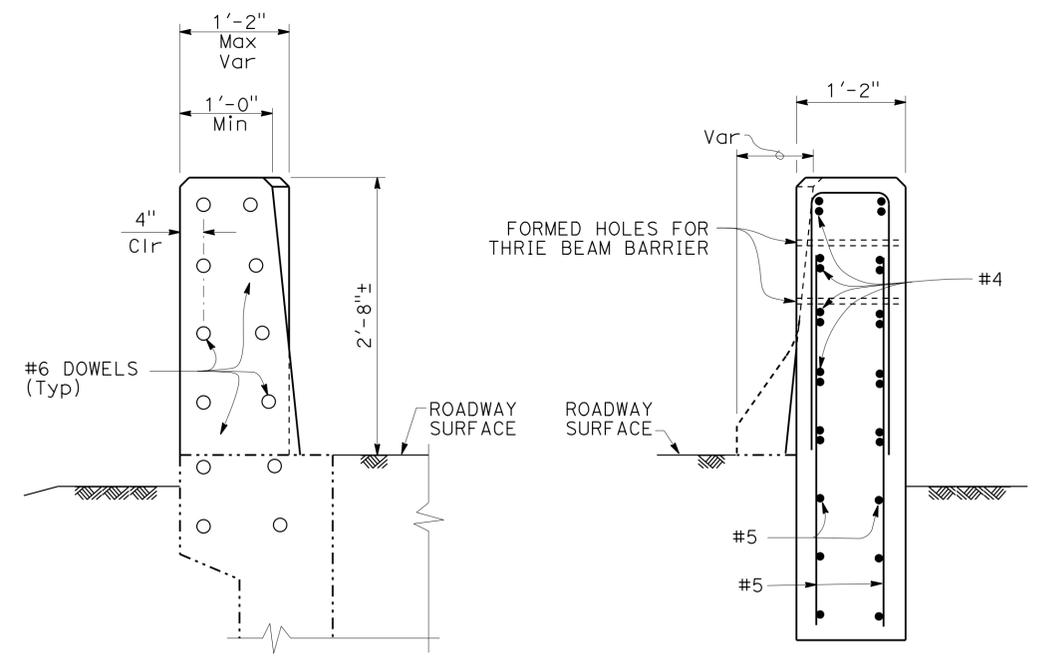
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - MAINTENANCE  
 Michael Conner  
 Karlie Smith  
 Lance Brown  
 09-28-16 13:54



**CONCRETE BARRIER (TRANSITION) LOCATION  
DIENER MINE SIDEHILL VIADUCT BRIDGE**



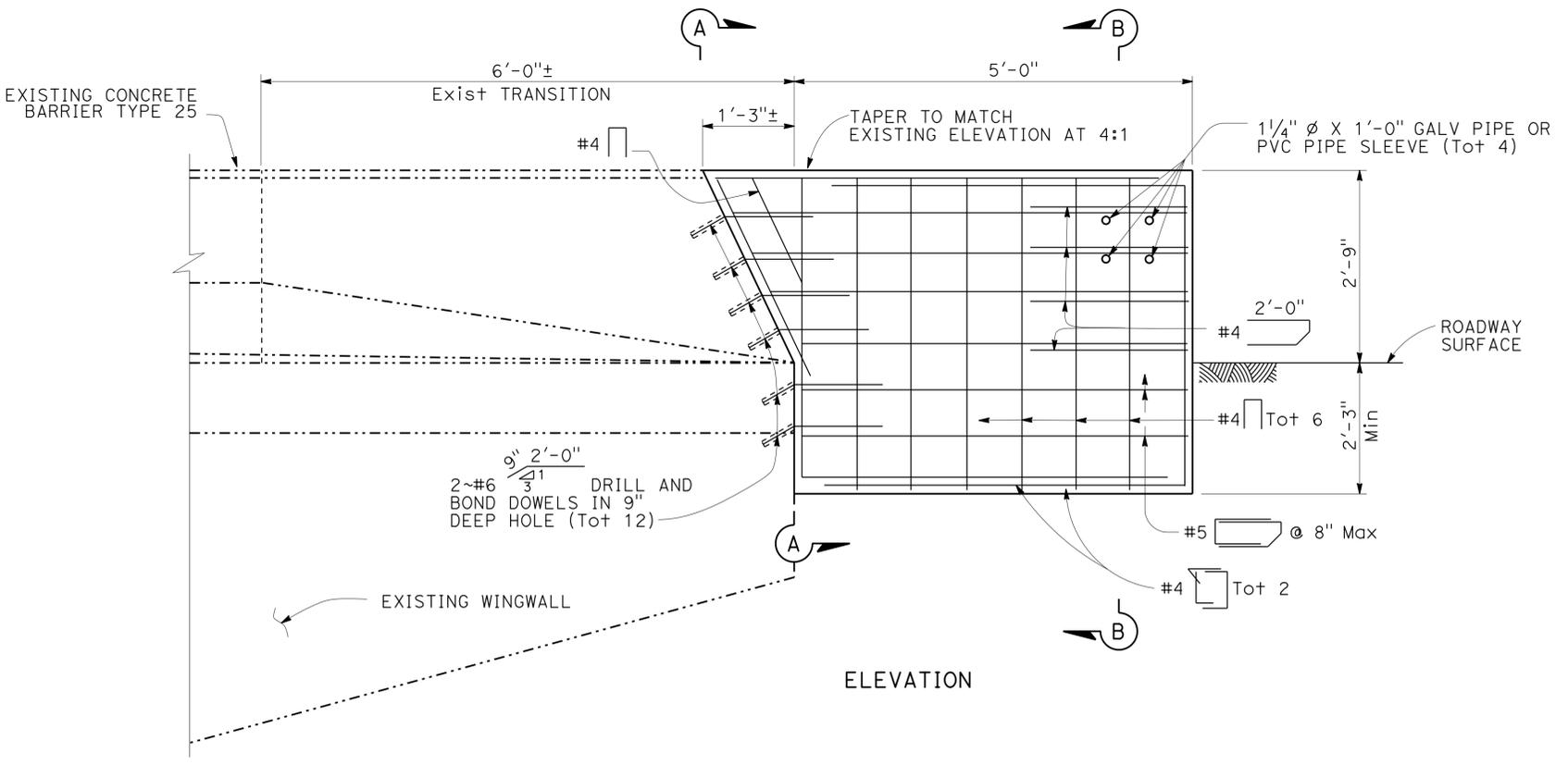
PLAN



SECTION A-A

SECTION B-B

**CONSTRUCTION DETAILS  
NO SCALE**

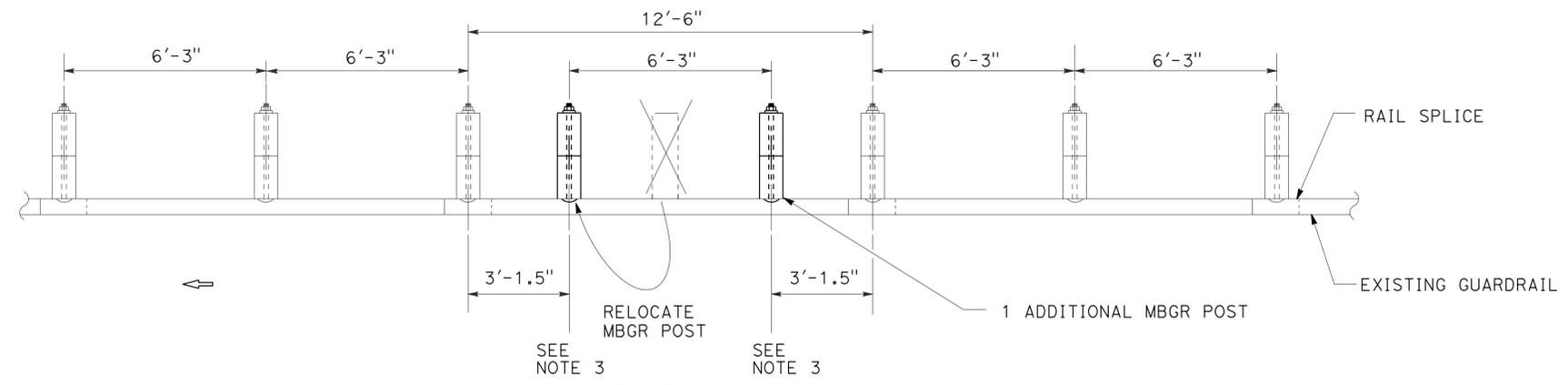


ELEVATION

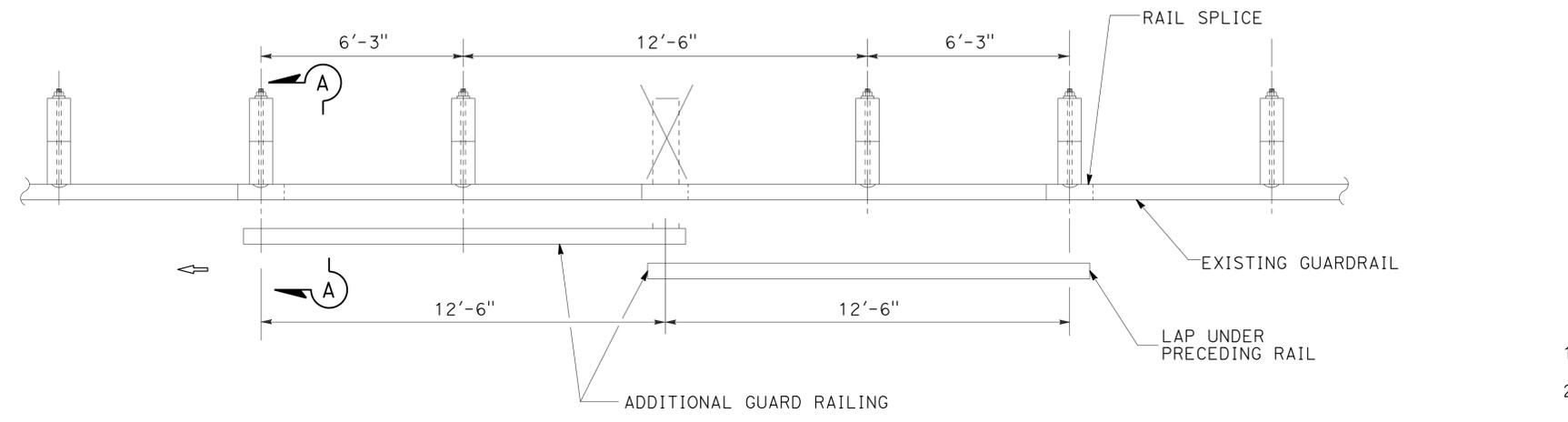
**CONCRETE BARRIER (TRANSITION) DETAILS**



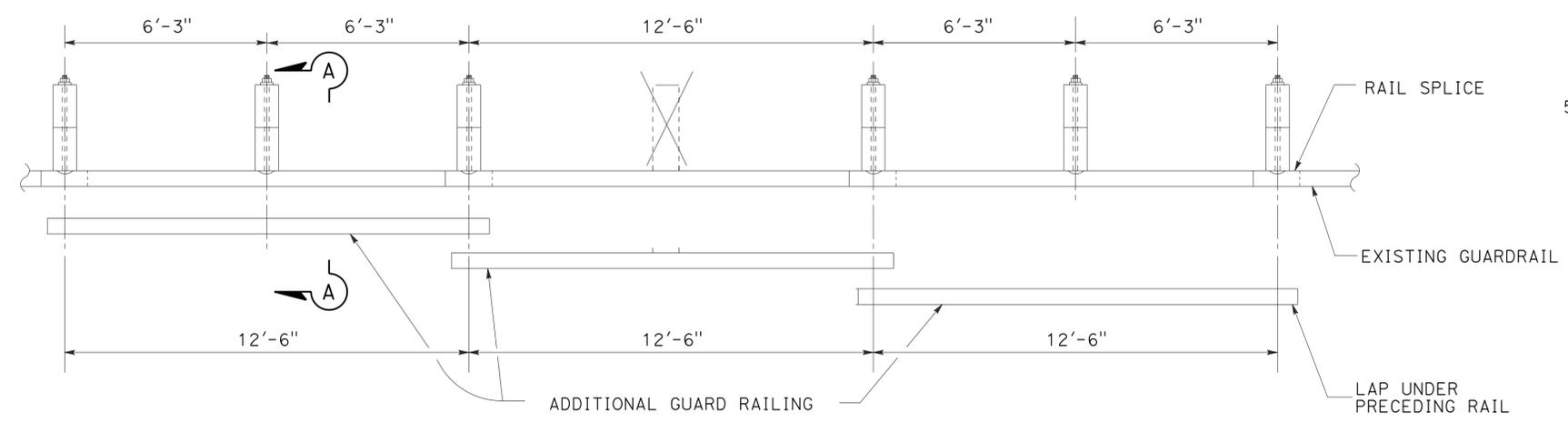
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Tri	3	49.7/53.7	6	10
			09-28-16	DATE	
			09-28-16	PLANS APPROVAL DATE	
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					



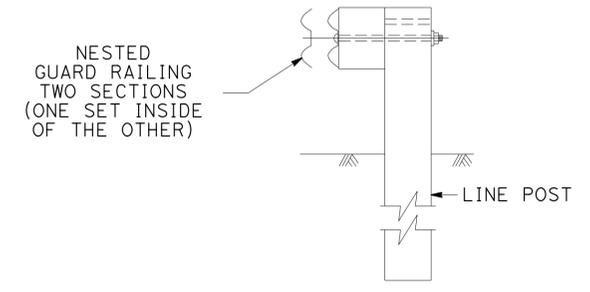
**CASE 1**  
(ONE POST CONFLICT, MOVE THE POST AND ADD ONE POST)  
(NO NESTED RAIL REQUIRED)



**CASE 2**  
(ONE POST OMITTED AT JUNCTION OF TWO ELEMENTS)  
(NEST TWO RAIL ELEMENTS REQUIRED)



**CASE 3**  
(ONE POST OMITTED AT CENTER OF ELEMENT)  
(NEST THREE RAIL ELEMENTS REQUIRED)  
(ONE ADDITIONAL POST MAY BE OMITTED SEE NOTE 3)



**TYPICAL RAILING OVERLAP INSTALLATION AT POST**

**NOTES:**

1. NEST ALL RAILS AT EXISTING RAIL LAPS.
2. WHEN A POST IS REMOVED AND THE RAIL ELEMENTS ARE NESTED, THE NESTED ELEMENTS MUST BE SUPPORTED BY A MIN OF 2 POSTS EACH SIDE OF THE MISSING POST OR ADD ADDITIONAL LENGTH OF NESTED ELEMENTS.
3. DO NOT CUT HOLE OR SLOT TO BOLT ELEMENT TO POST AND BLOCK. IF NO SLOT IS EXISTING, BOLT BLOCK TO POST ONLY.
4. UTILITY INVESTIGATIONS HAVE BEEN COMPLETED AND NO UTILITIES WERE FOUND AT EACH GUARDRAIL TRANSITION LOCATION. ALL OTHER LOCATIONS OF WORK ARE FLEXIBLE AND MAY BE ADJUSTED TO MITIGATE ANY CONFLICTS WITH EXISTING UTILITY FACILITIES. UTILITIES ARE NOT INCLUDED ON THESE PLANS.
5. USING CASE 3, A SECOND ADJACENT POST CAN BE REMOVED IF THE NESTED RAIL ELEMENTS ARE SUPPORTED BY A MIN OF 2 POSTS EACH SIDE OF THE MISSING POSTS. THE 2-POST OPTION USES CASE 3 BUT NOT SHOWN.

**CONSTRUCTION DETAILS  
LONG SPAN NESTED GUARD RAILING**  
NO SCALE  
**C-4**

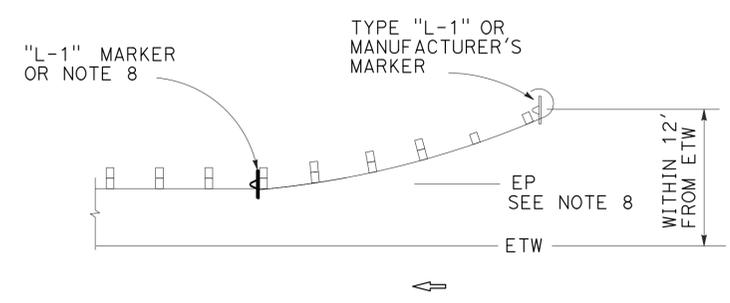
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - MAINTENANCE  
 FUNCTIONAL SUPERVISOR: LANCE BROWN  
 CALCULATED/DESIGNED BY: MICHAEL CONNER  
 CHECKED BY: KARLIE SMITH  
 REVISIONS: REVISED BY: DATE  
 USERNAME => s115152  
 DGN FILE => 22h350ga004.dgn  
 BORDER LAST REVISED 7/2/2010  
 RELATIVE BORDER SCALE IS IN INCHES  
 UNIT 0156  
 PROJECT NUMBER & PHASE 02 1600 0088 1

LAST REVISION: DATE PLOTTED => 29-SEP-2016  
 09-28-16 TIME PLOTTED => 13:54

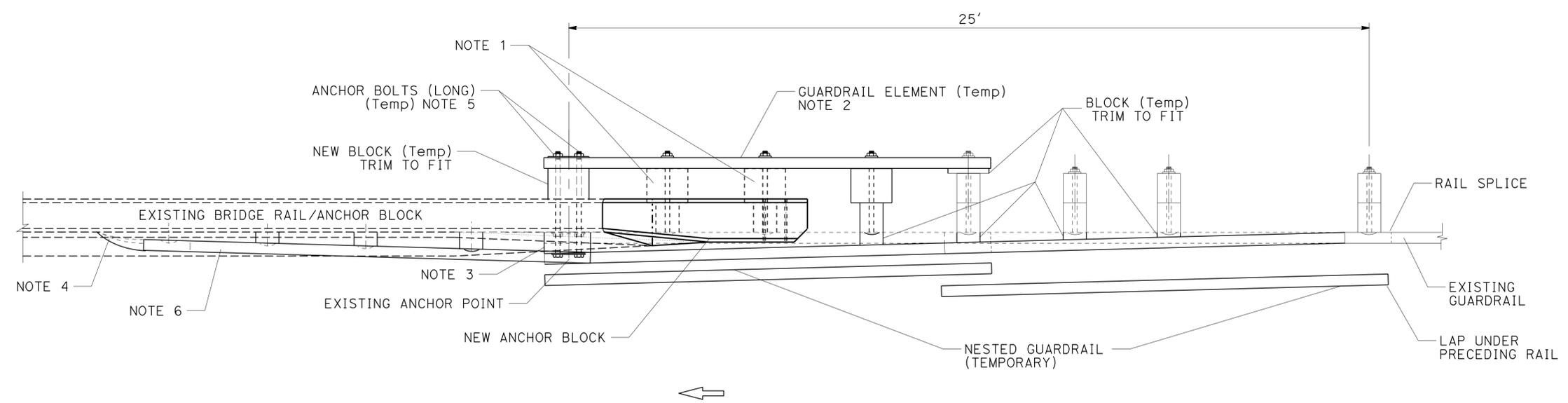
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Tri	3	49.7/53.7	7	10
			09-28-16	DATE	
			09-28-16	PLANS APPROVAL DATE	
REGISTERED CIVIL ENGINEER No. C73123 Exp. 12-31-16 CIVIL STATE OF CALIFORNIA					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					

**NOTES:**

- Max 2 EXISTING POSTS MAY BE REMOVED
- GUARDRAIL ELEMENT ON BACK OF POST NOT REQUIRED IF NEW TRANSITION IS COMPLETED WITHIN 20 WORKING DAYS OF REMOVED POST.
- Max 6" OF ADDITIONAL BLOCKING MAY BE ADDED BETWEEN RAIL ELEMENT AND EXISTING POST OR ANCHOR BLOCK TO ACCOMMODATE FORM WORK.
- ATTACH END CAP FLUSH TO EXISTING BRIDGE RAIL/ANCHOR BLOCK WITHIN CLEAR RECOVERY ZONE FOR OPPOSING TRAFFIC.
- USE 2 EA x 1" HIGH STRENGTH THROUGH BOLTS TO ATTACH TEMPORARY RAILING TO EXISTING ANCHOR BLOCK. USE EXISTING W WASHERS FOR CONNECTION.
- PLACE GUARDRAIL ELEMENT (TEMPORARY). GUARDRAIL ELEMENT CAN BE CUT SHORT AND TAPER MUST BE Max 1' HORIZONTAL FOR EACH 1" OF BLOCK OFFSET FROM BRIDGE RAIL. TEMPORARY GUARDRAIL ELEMENT MUST BE BLOCKED 3'-1 1/2" OC, AND MECHANICALLY ANCHORED TO CONCRETE BRIDGE RAIL WITH 5/8" ANCHORS TO MINIMIZE SNAG POTENTIAL FOR OPPOSING TRAFFIC. REUSE EXISTING END CAP AND ATTACH TO EXISTING BRIDGE RAIL. LONGER ANCHOR BOLTS MAY BE NEEDED TO ACCOMMODATE ADDITIONAL BLOCKING.
- TEMPORARY GUARDRAIL ELEMENTS MAY BE USED MATERIAL IF AUTHORIZED.
- IF THE WIDTH OF THE PAVED SHOULDER IS REDUCED APPROACHING A FIXED OBJECT, PLACE A "P" MARKER INSTEAD OF THE L-1 MARKER.
- UTILITY INVESTIGATIONS HAVE BEEN COMPLETED AND NO UTILITIES WERE FOUND AT EACH GUARDRAIL TRANSITION LOCATION. ALL OTHER LOCATIONS OF WORK ARE FLEXIBLE AND MAY BE ADJUSTED TO MITIGATE ANY CONFLICTS WITH EXISTING UTILITY FACILITIES. UTILITIES ARE NOT INCLUDED ON THESE PLANS.



**GUARDRAIL DELINEATION**



**TEMPORARY NESTED GUARDRAIL AT CONCRETE BARRIER (TRANSITION) DETAILS**

**CONSTRUCTION DETAILS**

NO SCALE

**C-5**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - MAINTENANCE  
 FUNCTIONAL SUPERVISOR: LANCE BROWN  
 CALCULATED/DESIGNED BY: MICHAEL CONNER  
 CHECKED BY: KARLIE SMITH  
 REVISED BY: DATE REVISIONS  
 PROJECT: 3\02\2h350\plans\pse\2h350ga005.dgn

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Tri	3	49.7/53.7	8	10

09-28-16  
 REGISTERED CIVIL ENGINEER DATE  
 09-28-16  
 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.

REGISTERED PROFESSIONAL ENGINEER  
 MICHAEL A. CONNER  
 No. C73123  
 Exp. 12-31-16  
 CIVIL  
 STATE OF CALIFORNIA

**NOTES:**

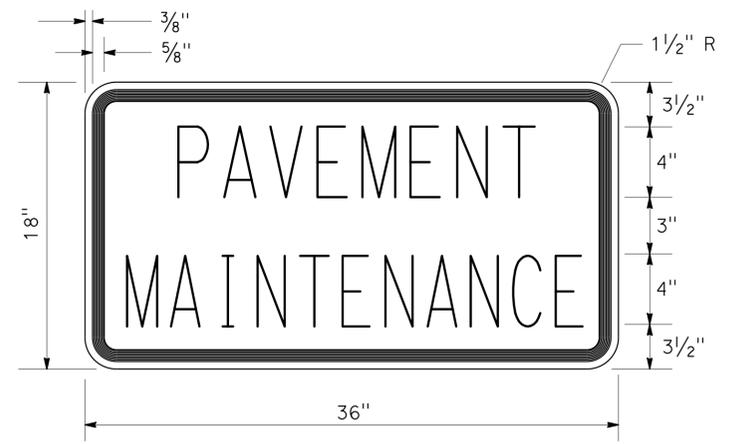
- EXACT LOCATION OF ALL SIGNS TO BE DETERMINED BY THE ENGINEER.
- CALIFORNIA CODES ARE DESIGNATED BY (CA), OTHERWISE FEDERAL CODES ARE SHOWN.
- UTILITY INVESTIGATIONS HAVE BEEN COMPLETED AND NO UTILITIES WERE FOUND AT EACH GUARDRAIL TRANSITION LOCATION. ALL OTHER LOCATIONS OF WORK ARE FLEXIBLE AND MAY BE ADJUSTED TO MITIGATE ANY CONFLICTS WITH EXISTING UTILITY FACILITIES. UTILITIES ARE NOT INCLUDED ON THESE PLANS.

**ROAD CONNECTIONS**

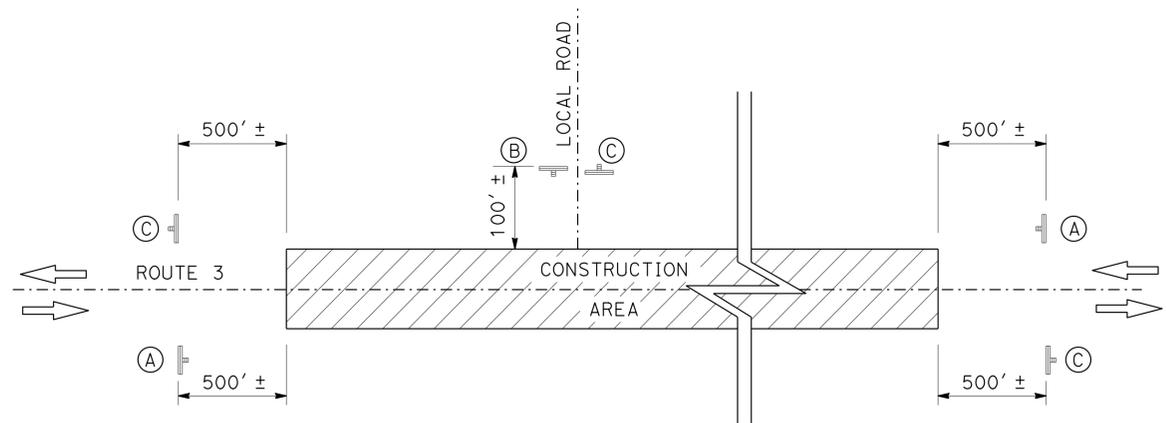
PM	DESCRIPTION	(B)	(C)
50.60	HAYWARD FLAT CAMPGROUND	R+	R+
53.30	LAKE FOREST DRIVE	L+	L+
53.66	GUY COVINGTON MILL Rd	R+	R+

**CONSTRUCTION AREA SIGNS (STATIONARY MOUNTED)**

○	TYPE	PANEL SIZE INCHES	SIGN MESSAGE	NO. OF POSTS AND SIZE	NO OF SIGNS
(A)	W20-1 C23B(CA)	48" x 48" 36" x 18"	ROAD WORK AHEAD PAVEMENT MAINTENANCE	1- 4" x 6"	2
(B)	W20-1	48" x 48"	ROAD WORK AHEAD	1- 4" x 6"	3
(C)	G20-2	36" x 18"	END ROAD WORK	1- 4" x 4"	5



**C23B(CA) SIGN PANEL DETAIL**



**CONSTRUCTION AREA SIGNS (STATIONARY MOUNTED)**

**CONSTRUCTION AREA SIGNS**

NO SCALE

**CS-1**

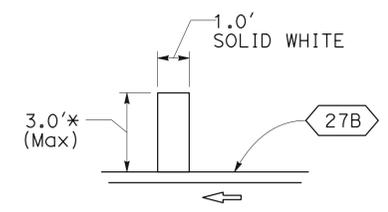
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 Michael Conner  
 Karlie Smith  
 Lance Brown  
 Caltrans

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Tri	3	49.7/53.7	9	10
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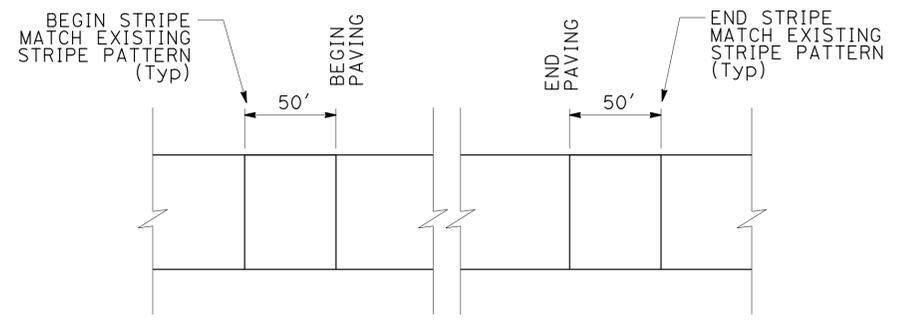
**NOTE:**

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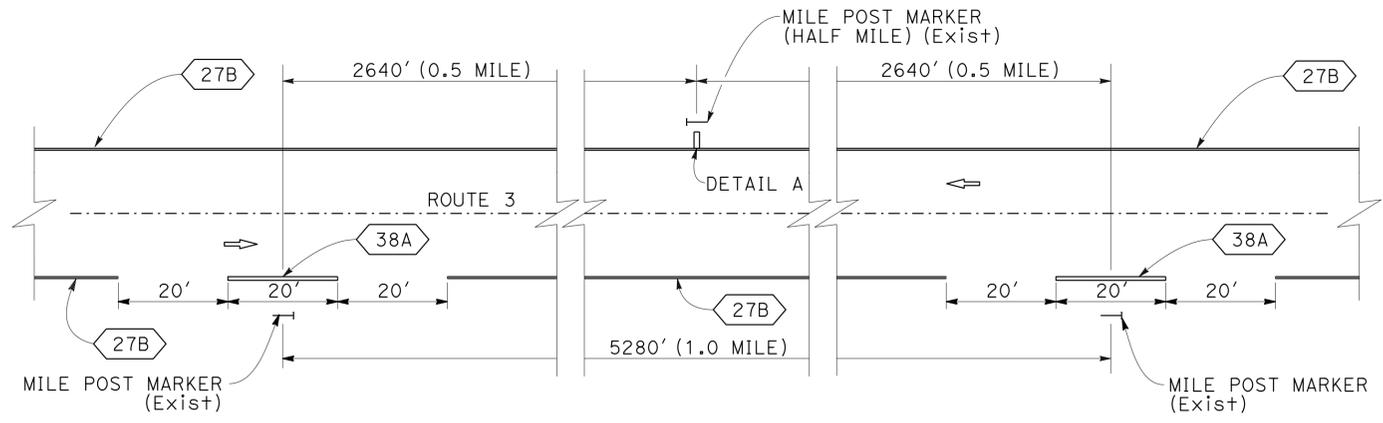


**DETAIL A**

\* ACTUAL LENGTH MAY VARY DUE TO PAVEMENT WIDTH



**TRAFFIC STRIPE MATCH DETAIL**



**TYPICAL HALF MILE AND MILE POST STRIPE (CONVENTIONAL ROADWAY)**

**PAVEMENT DELINEATION DETAILS**

NO SCALE

**PDD-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 Michael Conner  
 Karlie Smith  
 Lance Brown  
 MAINTENANCE

LAST REVISION DATE PLOTTED => 29-SEP-2016  
 09-28-16 TIME PLOTTED => 1:3:54

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Tri	3	49.7/53.7	10	10

09-28-16  
 REGISTERED CIVIL ENGINEER DATE  
 09-28-16  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 MICHAEL A. CONNER  
 No. C73123  
 Exp. 12-31-16  
 CIVIL  
 STATE OF CALIFORNIA

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.

**NOTES:**

- EXACT LOCATIONS OF REPLACE ASPHALT CONCRETE SURFACING TO BE DETERMINED BY THE ENGINEER.
- (N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.
- STRIPING QUANTITIES INCLUDES THE LENGTH TO EXTEND APPROXIMATELY 50' BEYOND SEAL COAT TO MATCH THE EXISTING STRIPE DETAILS.
- UTILITY INVESTIGATIONS HAVE BEEN COMPLETED AND NO UTILITIES WERE FOUND AT EACH GUARDRAIL TRANSITION LOCATION. ALL OTHER LOCATIONS OF WORK ARE FLEXIBLE AND MAY BE ADJUSTED TO MITIGATE ANY CONFLICTS WITH EXISTING UTILITY FACILITIES. UTILITIES ARE NOT INCLUDED ON THESE PLANS.

**ABBREVIATIONS:**

Dir DIRECTION

**PREPAVING GRINDING DAY**

POST MILE LIMITS	EA
49.79-53.69	5
TOTAL	5

**ROADWAY QUANTITIES SUMMARY**

POST MILE LIMITS	(N) LENGTH	(N) WIDTH	HOT MIX ASPHALT (TYPE A)	TACK COAT	SHOULDER BACKING
PM - PM	LF	LF	TON	TON	TON
49.79-49.92	686	32-26	4173	18	1384
49.92-50.50	3062	26-28			
50.50-51.00	2640	28-26			
51.00-51.36	1901	26-27			
51.36-52.00	3379	27			
52.00-52.50	2640	27			
52.50-53.00	2640	27			
53.00-53.63	3326	27-25			
53.63-53.65	106	25-40			
53.65-53.69	211	40			
ROAD CONNECTIONS			216	2	20
TOTAL			4389	20	1404

**THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)**

POST MILE LIMITS	DETAIL 21	DETAIL 27B	DETAIL 27C	DETAIL 38A
	LF	LF	LF	LF
49.79-53.69	21,120	41,645	595	80
TOTAL	63,440			

**THERMOPLASTIC PAVEMENT MARKING**

POST MILE	L+	R+	(N) EA	SQFT	REMARKS
50.50-53.50	X		4	12	DETAIL A
50.60		X	1	22	STOP
50.60		X	1	36	LIMIT LINE
53.30	X		1	22	STOP
53.30	X		1	23	LIMIT LINE
53.66		X	1	22	STOP
53.66		X	1	29	LIMIT LINE
TOTAL				166	

**REMOVE PAVEMENT MARKER (N)**

POST MILE LIMITS	TOTAL
	EA
49.79-53.69	1762

**REMOVE THERMOPLASTIC PAVEMENT MARKING**

POST MILE	L+	R+	(N) EA	SQFT	REMARKS
50.60		X	1	22	STOP
50.60		X	1	36	LIMIT LINE
53.30	X		1	22	STOP
53.30	X		1	23	LIMIT LINE
53.66		X	1	22	STOP
53.66		X	1	29	LIMIT LINE
TOTAL				154	

**GUARDRAIL ITEMS**

POST MILE	L+/R+	REMOVE GUARDRAIL	RECONSTRUCT GUARDRAIL	ALTERNATIVE FLARED TERMINAL SYSTEM	OBJECT MARKER (TYPE L-1)	TRANSITION RAILING (TYPE WB)	CONCRETE BARRIER (TRANSITION)	BURIED POST END ANCHOR (N)*	TREATED WOOD WASTE
		LF	LF	EA	EA	EA	LF	EA	LB
49.79	L+	38	25	1	1	1	6.25		443
49.79	R+	12	50		1	1	6.25	1	797
TOTAL		50	75	1	2	2	12.5		1240

\* INCLUDED IN RECONSTRUCT GUARDRAIL

**COLD PLANE ASPHALT CONCRETE PAVEMENT**

POST MILE	(N) LENGTH	(N) WIDTH	AREA	REMARKS
	LF	LF	SQYD	
49.79	40	32	143	MAINLINE CONFORM
50.60	22	8	20	ROAD CONNECTION - R+
52.01	40	8	36	ROAD CONNECTION - R+
53.30	33	8	30	ROAD CONNECTION - L+
53.66	25	10	28	ROAD CONNECTION - R+
53.69	105	40	467	MAINLINE CONFORM
TOTAL			724	

**REPLACE ASPHALT CONCRETE SURFACING**

POST MILE LIMITS	(N) Approx No. OF DIGOUTS	(N) LENGTH (Avg)	(N) WIDTH	(N) DEPTH	CY
		LF	LF	LF	
49.79-50.00	3	100	4	0.33	15
50.00-51.00	10	100	4	0.33	49
51.00-52.00	10	100	4	0.33	49
52.00-53.00	10	100	4	0.33	49
53.00-53.69	7	100	4	0.33	35
TOTAL					197

**TEMPORARY PAVEMENT MARKING (TAPE)**

POST MILE	L+	R+	(N) EA	SQFT	REMARKS
50.60		X	1	36	LIMIT LINE
53.30	X		1	23	LIMIT LINE
53.66		X	1	29	LIMIT LINE
TOTAL				88	

**SUMMARY OF QUANTITIES**

Q-1

P:\proj\3\02\2h350\plans\pse\2h350pa001.dgn  
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 MAINTENANCE  
 LANCE BROWN  
 FUNCTIONAL SUPERVISOR  
 CHECKED BY  
 MICHAEL CONNER  
 KARLIE SMITH  
 REVISOR BY  
 DATE REVISED

LAST REVISION DATE PLOTTED => 29-SEP-2016  
 09-28-16 TIME PLOTTED => 13:54