

TYPICAL RAMP CLOSURES

SIGN PANEL SIZE (Min)

- A 48" x 48"
- B 48" x 30"
- C 36" x 36"
- D 48" x 36"

LEGEND

- TRAFFIC CONE
- † TEMPORARY TRAFFIC CONTROL SIGN
- ‡ BARRICADES
- ⚡ PORTABLE FLASHING BEACON

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24, 80, 84 92, 880, etc.	Var	101	126

Gurinderpal Bhullar
 REGISTERED CIVIL ENGINEER
 April 19, 2013
 PLANS APPROVAL DATE

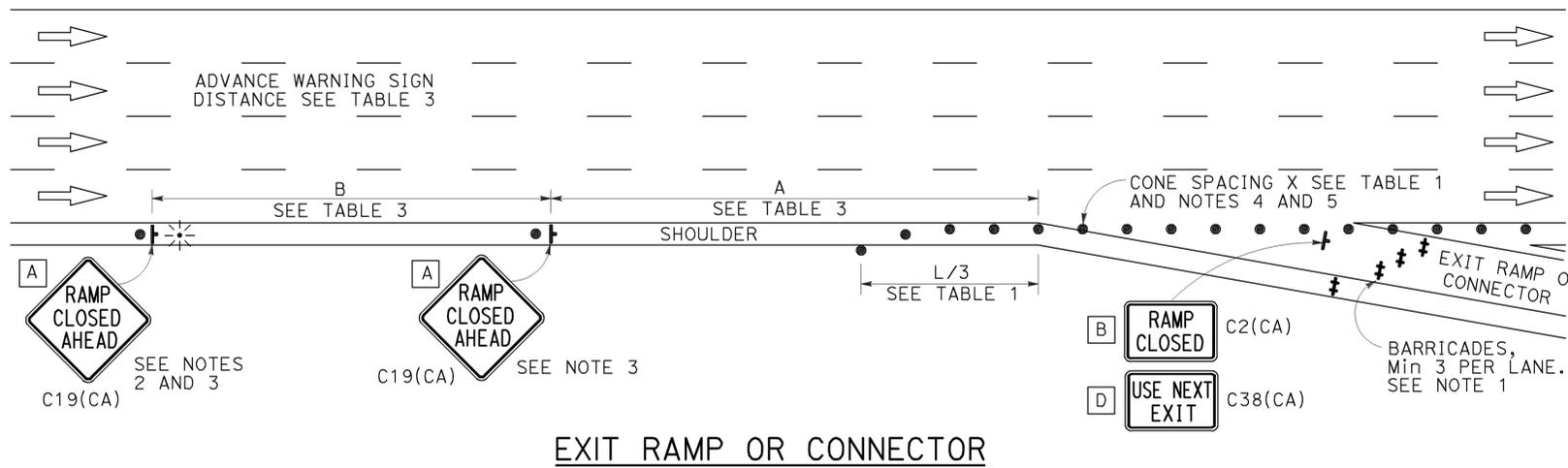
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REGISTERED PROFESSIONAL ENGINEER
 Gurinderpal Bhullar
 No. C48815
 Exp. 9-30-14
 CIVIL
 STATE OF CALIFORNIA

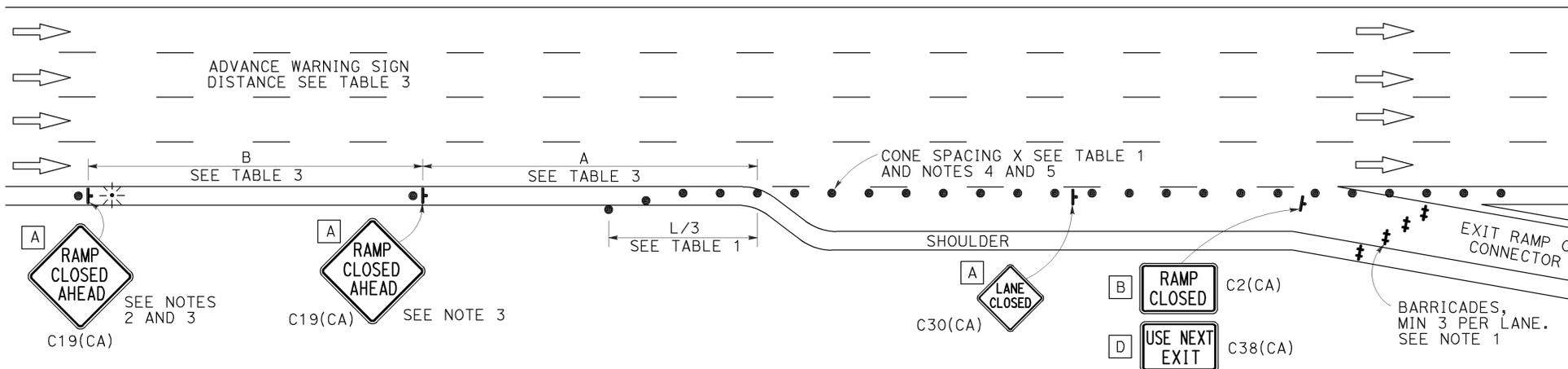
TO ACCOMPANY PLANS DATED 4-27-15

NOTES:

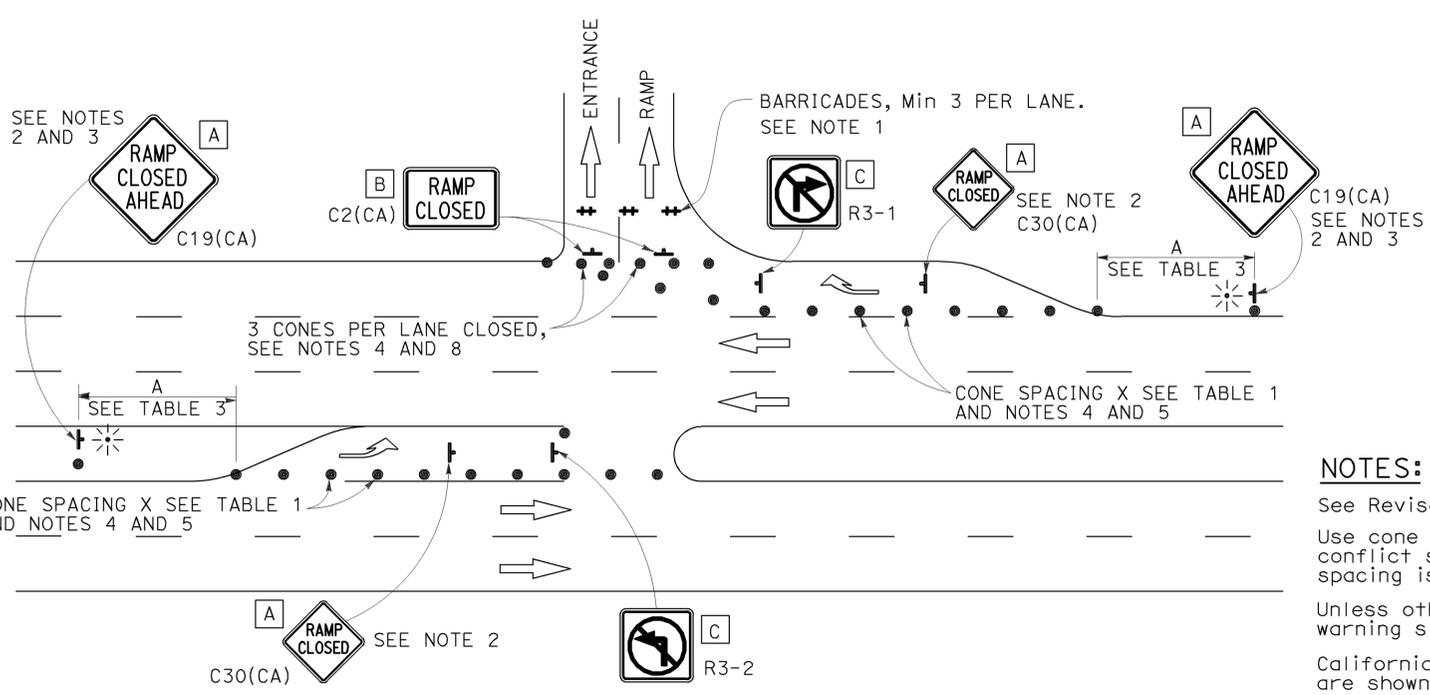
- Barricades shall be Type I, II, or III for closures lasting one week or less and Type III for closures lasting longer than one week.
- In addition to placing the C19(CA) "RAMP CLOSED AHEAD" and C30(CA) "RAMP CLOSED" signs, black on orange overlay plates with the word "CLOSED" may be mounted, as directed by the Engineer, on all guide signs that refer to the closed ramp. The letter size on the overlay shall be the same as the guide sign.
- Each advance C19(CA) "RAMP CLOSED AHEAD" sign shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. A flashing beacon shall be placed on top of the first C19(CA) sign during hours of darkness.
- All cones used for ramp closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
- Portable delineators, placed at one-half the spacing indicated for traffic cones, may be used instead of cones for daytime ramp closures only.
- At least one person shall be assigned to provide full time maintenance of traffic control devices, unless otherwise directed by the Engineer.
- The existing "EXIT" signs shall be covered during ramp closures.
- A minimum of 3 cones shall be placed transversely across each closed lane and shoulder.



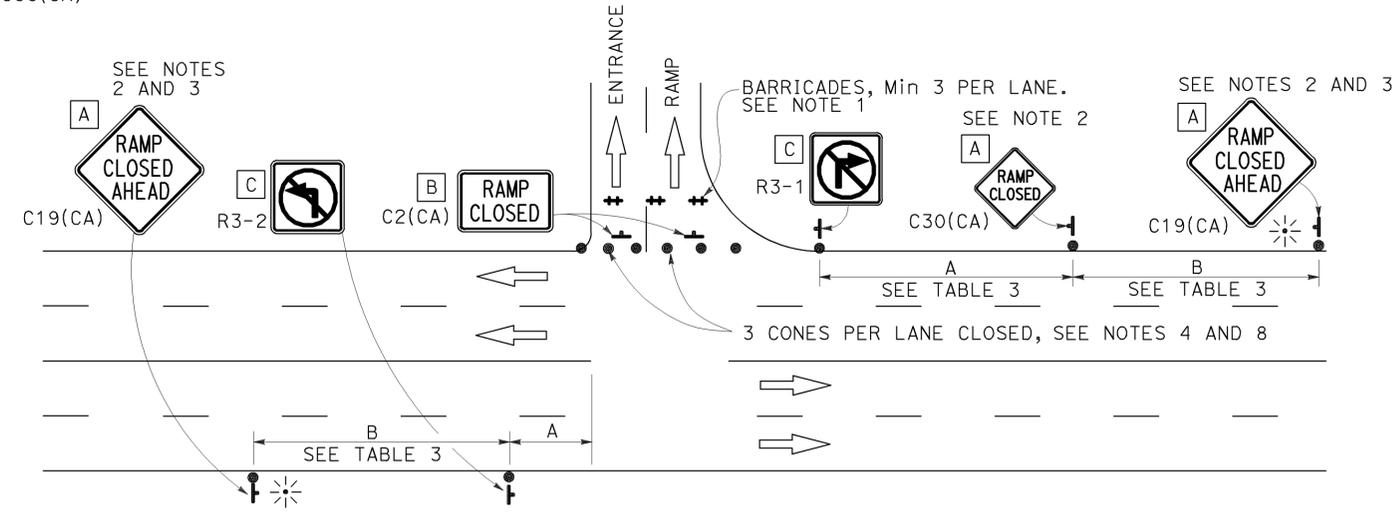
EXIT RAMP OR CONNECTOR



EXIT RAMP OR CONNECTOR WITH ADDITIONAL LANE



ENTRANCE RAMP WITH TURNING POCKETS



ENTRANCE RAMP WITHOUT TURNING POCKETS

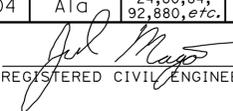
NOTES:

- See Revised Standard Plan RSP T9 for tables.
- Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.
- Unless otherwise specified in the special provisions, all temporary warning signs shall have black legend on fluorescent orange background.
- California codes are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM
 FOR RAMP CLOSURE**
 NO SCALE

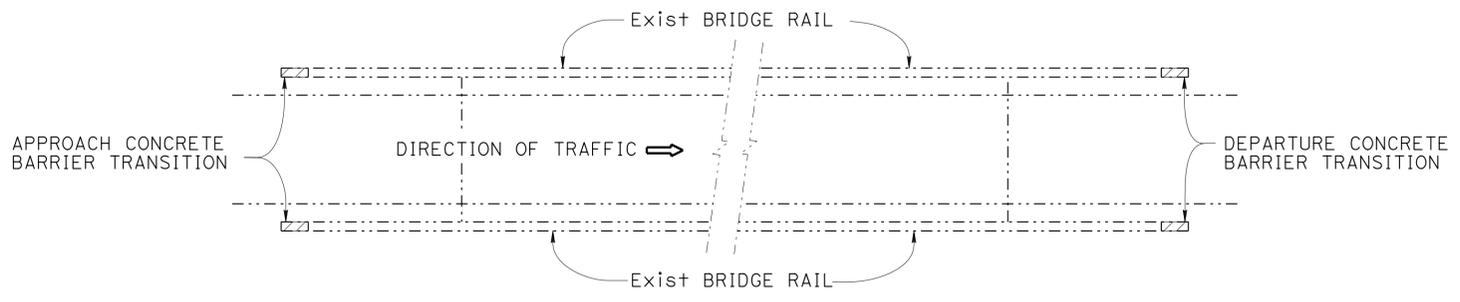
RSP T14 DATED APRIL 19, 2013 SUPERSEDES STANDARD PLAN T14
 DATED MAY 20, 2011 - PAGE 242 OF THE STANDARD PLANS BOOK DATED 2010.
REVISED STANDARD PLAN RSP T14

2010 REVISED STANDARD PLAN RSP T14

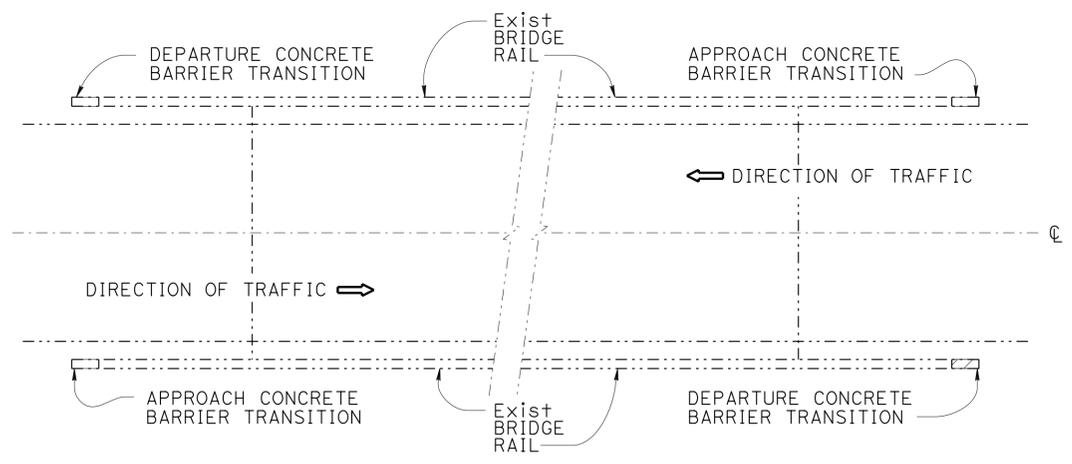
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04	Ala	24,80,84, 92,880, etc.	Var	102	126
 REGISTERED CIVIL ENGINEER			1-30-15 DATE		
PLANS APPROVAL DATE			4-27-15		
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INDEX TO PLANS

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2.	GENERAL PLAN No. 2
3.	DEMOLITION PLAN
4.	CONCRETE BARRIER TYPE 1 - CASE 1
5.	CONCRETE BARRIER TYPE 1 (Mod) - CASE 2
6.	CONCRETE BARRIER TYPE 1 OVER DI - CASE 3
7.	CONCRETE BARRIER TYPE 2 (Mod)
8.	CONCRETE BARRIER TYPE 25 (Mod)
9.	CONCRETE BARRIER TYPE 25 WITH SOUNDWALL
10.	CONCRETE BARRIER TYPE 27 (Mod) - CASE 1
11.	CONCRETE BARRIER TYPE 27 (Mod) - CASE 2
12.	CONCRETE BARRIER TYPE 27 WITH SOUNDWALL
13.	CONCRETE BARRIER TYPE 50 (Mod)
14.	CONCRETE BARRIER TYPE 50D
15.	CONCRETE BALUSTER BARRIER (RIGHT APPROACH)
16.	CONCRETE BALUSTER BARRIER (LEFT APPROACH)
17.	COLUMN FOOTING (FIXED OBJECT)
18.	TRANSITION AT BRIDGE COLUMNS DETAILS No. 1
19.	TRANSITION AT BRIDGE COLUMNS DETAILS No. 2
20.	LOCATIONS TABLE (ROUTE 24)
21.	LOCATIONS TABLE (ROUTE 80)
22.	LOCATIONS TABLE (ROUTE 84)
23.	LOCATIONS TABLE (ROUTE 92)
24.	LOCATIONS TABLE (ROUTE 880)
25.	LOCATIONS TABLE (ROUTE 980)



PLAN A
ONE WAY BRIDGES
NO SCALE



PLAN B
TWO WAY BRIDGES
NO SCALE

STANDARD PLANS DATED 2010

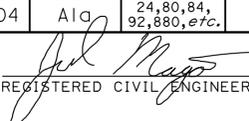
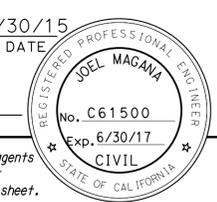
A10A	ACRONYMS AND ABBREVIATIONS (SHEET 1 OF 2)
RSP A10B	ACRONYMS AND ABBREVIATIONS (SHEET 2 OF 2)
RSP A77U1	MIDWEST GUARDRAIL SYSTEM CONNECTIONS TO BRIDGE RAILINGS WITHOUT SIDEWALKS DETAILS No. 1
RSP A77U2	MIDWEST GUARDRAIL SYSTEM CONNECTIONS TO BRIDGE RAILINGS WITHOUT SIDEWALKS DETAILS No. 2
RSP A77U4	MIDWEST GUARDRAIL SYSTEM TRANSITION RAILING (TYPE WB-31)
B0-3	BRIDGE DETAILS

QUANTITIES

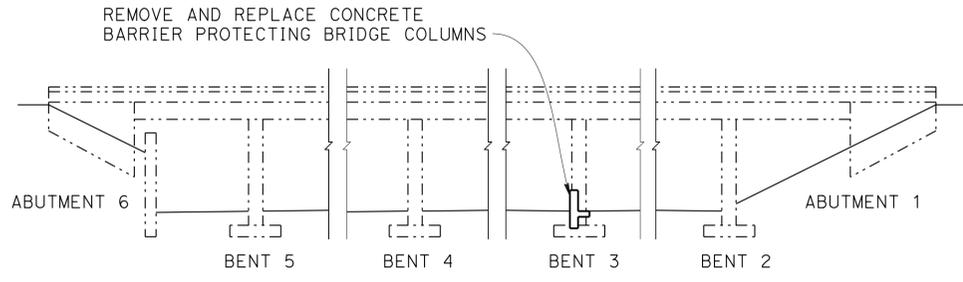
BRIDGE REMOVAL (PORTION)	LUMP SUM
CONCRETE BARRIER (TRANSITION)	472 LF

NOTE:
See "Roadway Plans" for work locations and Midwest Guardrail System.

DAVID NEUMANN BRANCH CHIEF	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	LOAD & RESISTANCE FACTOR DESIGN	LIVE LOADING: HL93 W/"LOW-BOY"; PERMIT DESIGN VEHICLE	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES STRUCTURE DESIGN SPECIAL DESIGN BRANCH B	BRIDGE NO.	CONCRETE BARRIER TRANSITIONS GENERAL PLAN No. 1			
	DETAILS	BY BOB EDWARDS	CHECKED JOEL MAGANA	LAYOUT	BY JOEL MAGANA			CHECKED VICTOR LOPEZ		VARIABLES		
	QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	SPECIFICATIONS	BY JIM CORRADO			PLANS AND SPECS COMPARED		JIM CORRADO	POST MILE	
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS						0 1 2 3	UNIT: 3619	PROJECT NUMBER & PHASE: 0414000051	CONTRACT NO.: 04-265014	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET 1 OF 25

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	103	126
				1/30/15	
REGISTERED CIVIL ENGINEER				DATE	
4-27-15				PLANS APPROVAL DATE	
					
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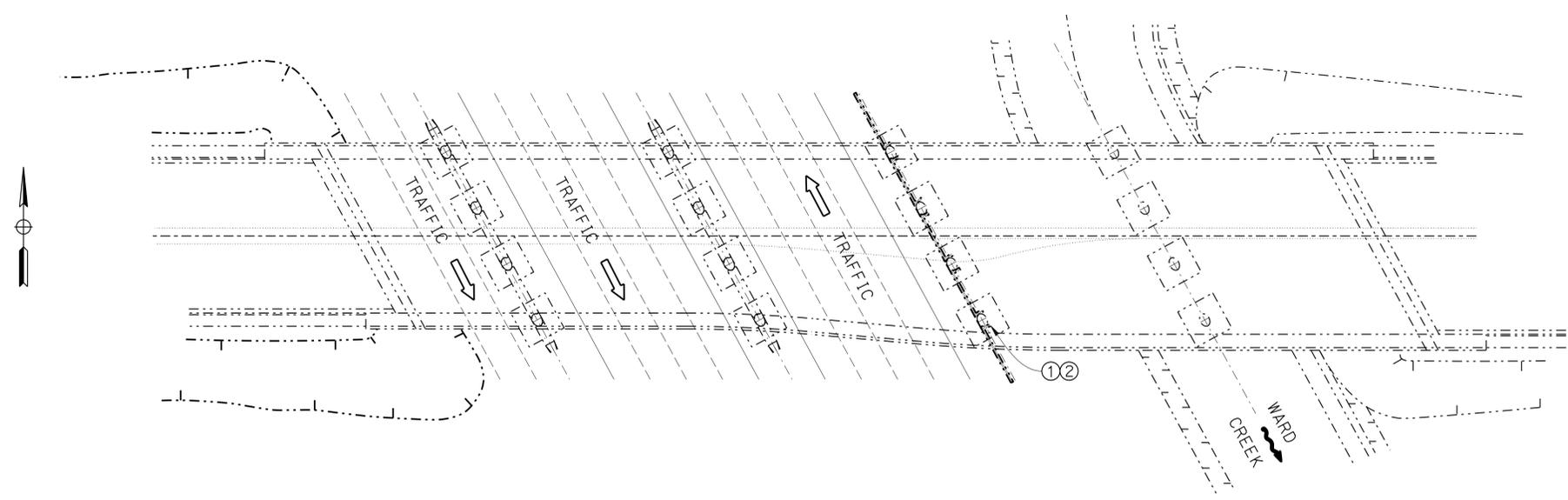
LOCATION TABLE OF TRANSITIONS AT BRIDGE COLUMNS					
LOCATIONS BRIDGE No.	BRIDGE NAME	ROUTE	POST MILE	DIRECTION	NO. OF COLUMNS PER BENT
33-0398	INDUSTRIAL PARKWAY OC	880	14.5	NB	4



ELEVATION
NO SCALE

DESIGN DATA

- DESIGN:**
AASHTO LFRD Bridge Design Specifications, 6th Edition with California Amendments.
F_t = 54 kips on barrier
- IMPACT LOAD:**
Vehicular collision force
F_t = 54 kips on barrier
- REINFORCED CONCRETE:**
f_y = 60 ksi
f'_c = 3.6 ksi
- STRUCTURAL STEEL**
f_y = ASTM A709 Grade 50



PLAN
NO SCALE

LEGEND:

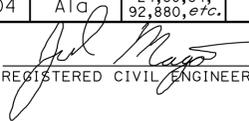
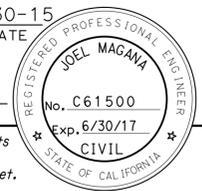
- ① Paint "Br No. 33-0398" for appropriate Bridge Structure per Location Table on column.
- ② Paint Bridge Name above Br. No. for appropriate Bridge Structure per Location Table.

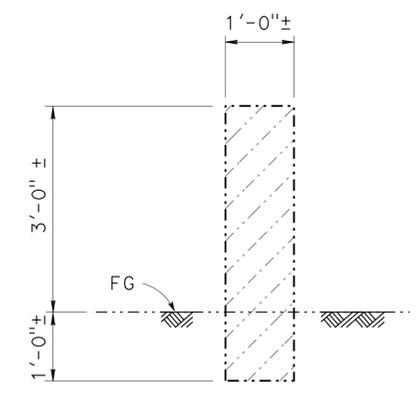
NOTES:

1. See "Roadway Plans" for work locations and Midwest Guardrail System.
2. Any "Post Mile" markers removed for construction shall be replaced.

BRIDGE COLUMN PROTECTION	
CONCRETE BARRIER TRANSITIONS	
GENERAL PLAN No. 2	

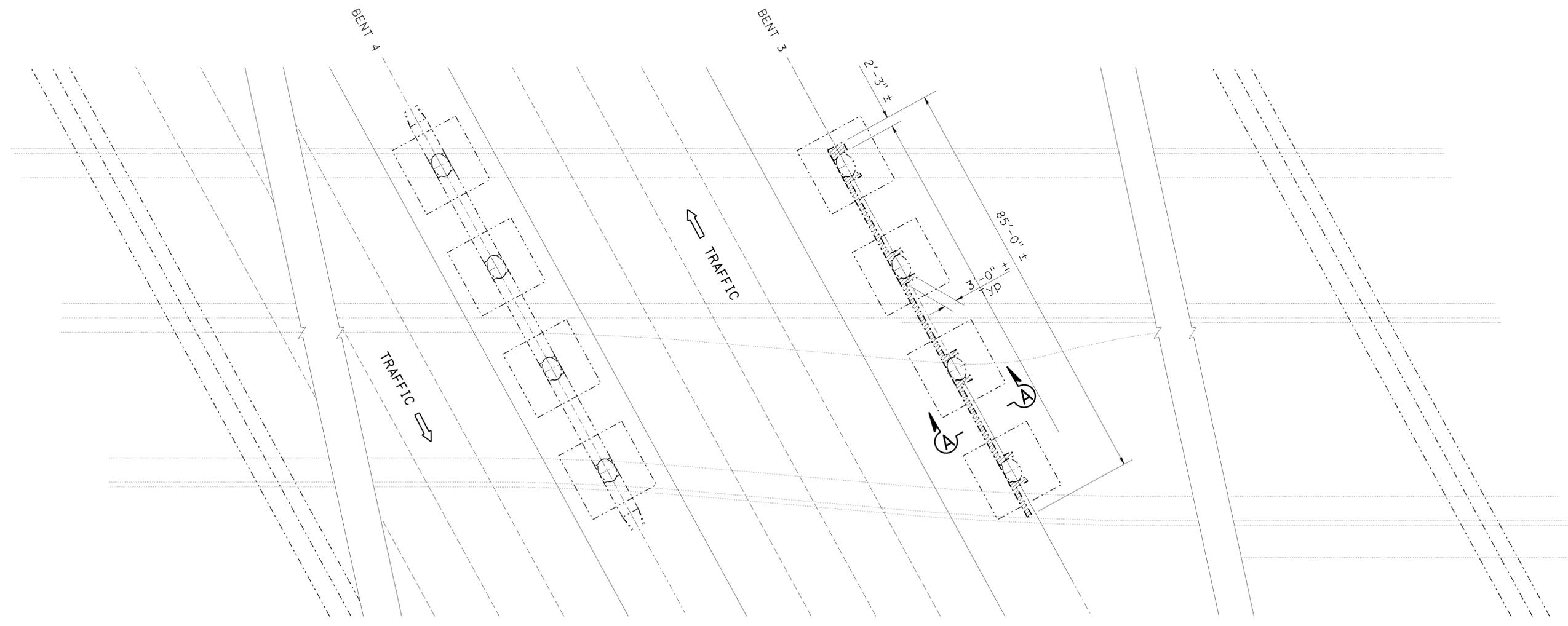
DAVID NEUMANN BRANCH CHIEF	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	LOAD & RESISTANCE FACTOR DESIGN	LIVE LOADING: HL93 W/"LOW-BOY"; PERMIT DESIGN VEHICLE	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES STRUCTURE DESIGN SPECIAL DESIGN BRANCH B	BRIDGE NO.	33-0398	
	DETAILS	BY BOB EDWARDS	CHECKED JOEL MAGANA	LAYOUT	BY JOEL MAGANA			CHECKED VICTOR LOPEZ	POST MILE	14.5
	QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	SPECIFICATIONS	BY JIM CORRADO			PLANS AND SPECS COMPARED	JIM CORRADO	

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	104	126
 REGISTERED CIVIL ENGINEER				1-30-15 DATE	
4-27-15 PLANS APPROVAL DATE					
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LEGEND:
 ----- Indicates Existing Structures
 Indicates Concrete Removal

**SECTION A-A
 (CONCRETE REMOVAL)**
 $\frac{3}{4}'' = 1'-0''$



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

DEMOLITION PLAN
 $1'' = 10'$

BRANCH CHIEF DAVID NEUMANN

DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ
DETAILS	BY Martin Tomas	CHECKED JOEL MAGANA
QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
 DESIGN AND TECHNICAL SERVICES
SPECIAL DESIGNS BRANCH B

BRIDGE NO.	33-0398
POST MILE	14.5

INDUSTRIAL PARKWAY OC
CONCRETE BARRIER TRANSITIONS
DEMOLITION PLAN

(ENGLISH) SPECIAL DESIGNS BRANCH BORDER SHEET (REV. 7-1-09)

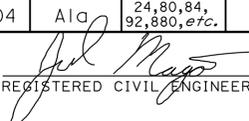


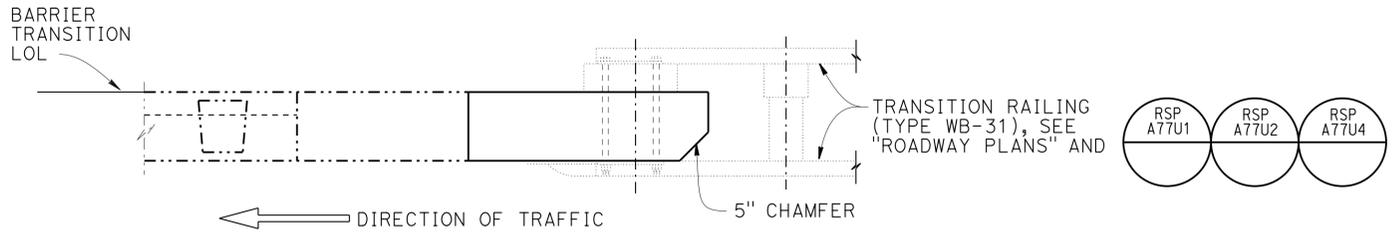
UNIT: 3619
 PROJECT NUMBER & PHASE: 0414000051
 CONTRACT NO.: 04-265014

REVISION DATES	SHEET	OF
6/26/14 7/7/15 7/7/14 7/7/15	3	25

FILE => 04-2g5014-un-misc-df01.dgn

USERNAME => s129144 DATE PLOTTED => 16-JUL-2015 TIME PLOTTED => 11:10

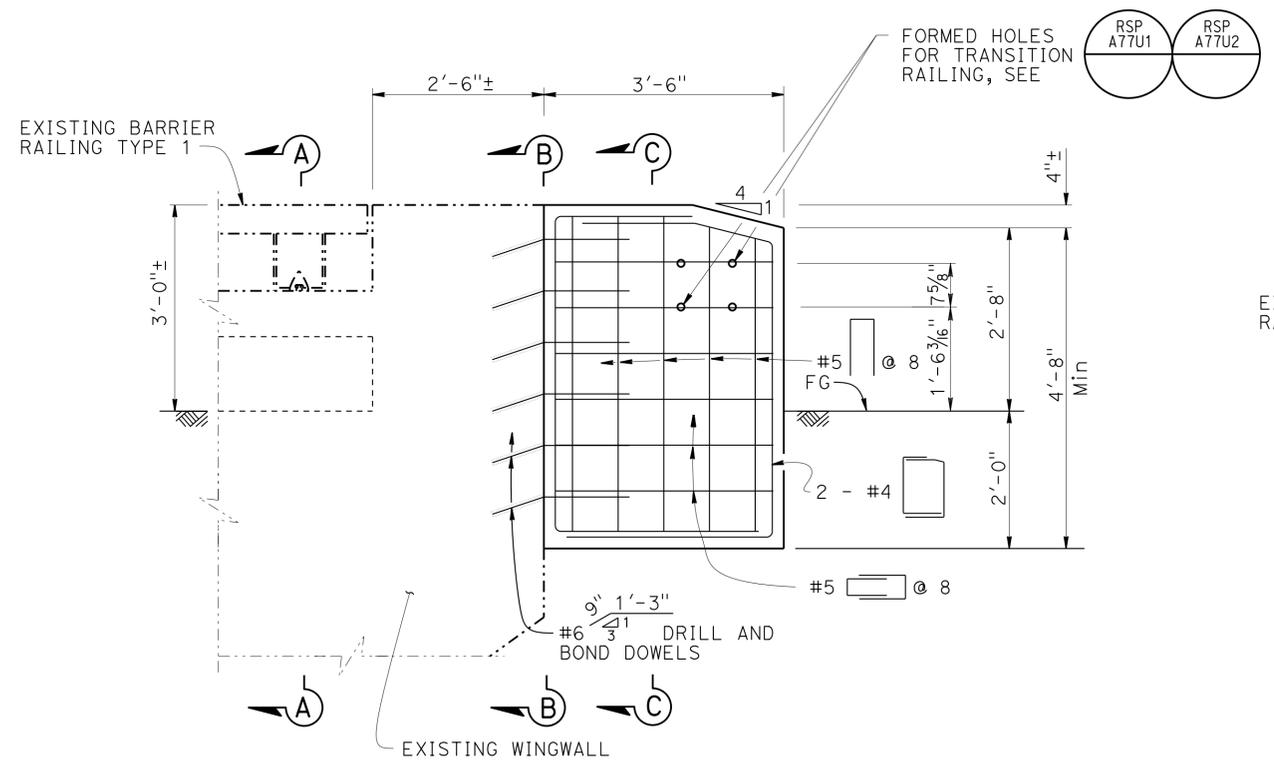
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	105	126
				1-30-15	
REGISTERED CIVIL ENGINEER				DATE	
4-27-15				PLANS APPROVAL DATE	
				No. C61500 Exp. 6/30/17 CIVIL	
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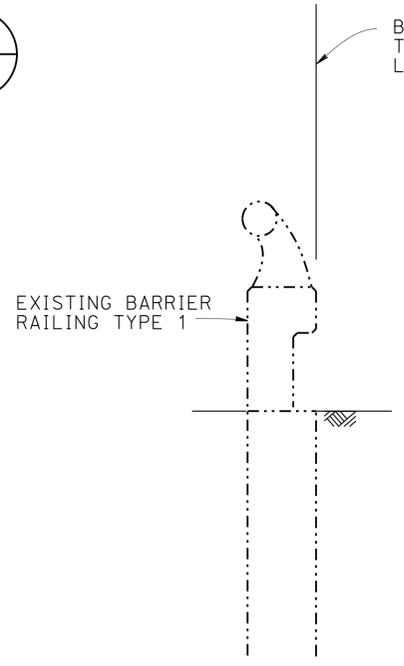
PLAN
NO SCALE

NOTES:

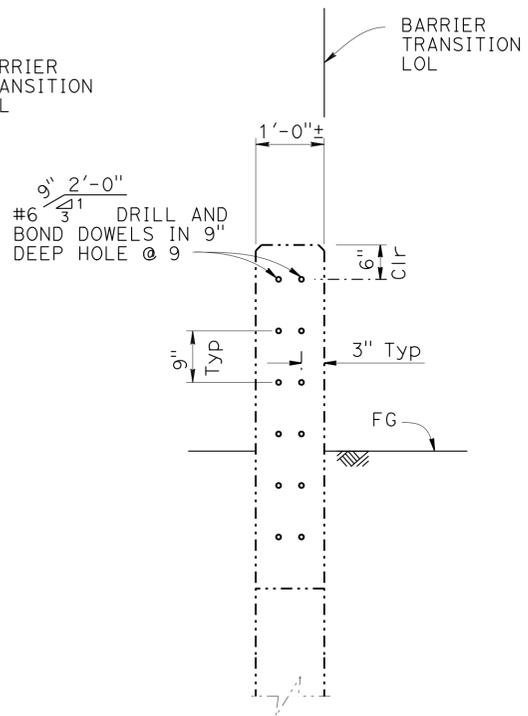
1. See "Location Table" sheets and "Roadway Plans" for work locations.
2. Holes used for fastening existing MBGR must be mortar filled, unless holes were cast using pipe sleeves.
3. Existing barrier heights vary. Where existing barrier height is more than 2'-8", transition barrier height to 2'-8" @ 4:1 slope.



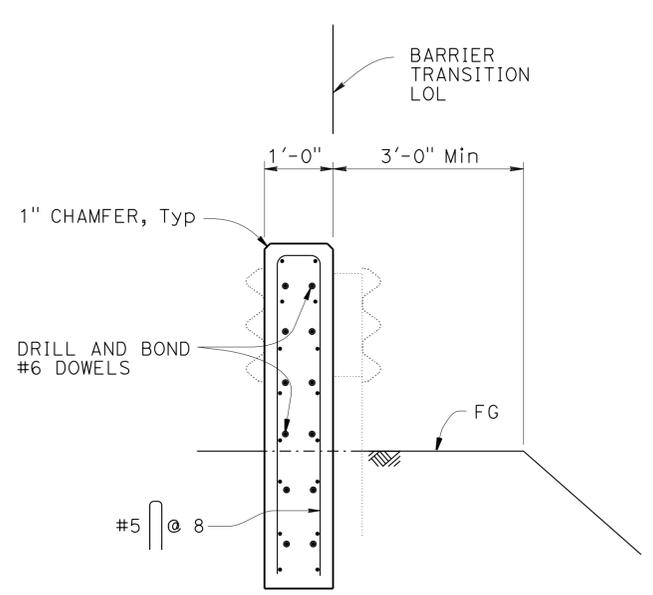
ELEVATION
NO SCALE



SECTION A-A
NO SCALE



SECTION B-B
NO SCALE



SECTION C-C
NO SCALE

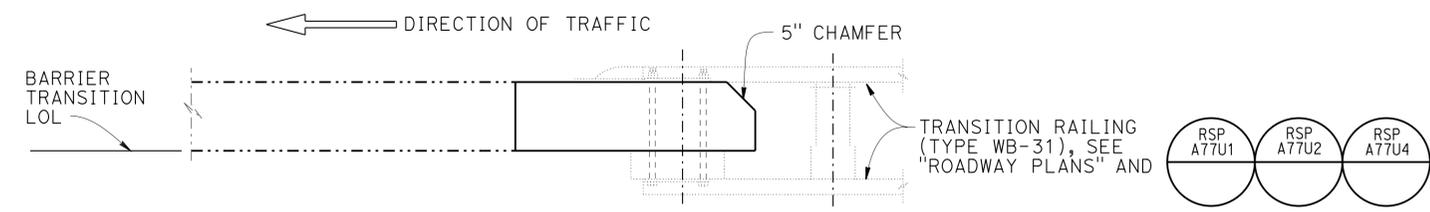
NOTE:
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LEGEND:
 - - - - - Indicates existing structure
 _____ Indicates new structure

BRANCH CHIEF DAVID NEUMANN	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES DESIGN AND TECHNICAL SERVICES SPECIAL DESIGNS BRANCH B	BRIDGE NO.	CONCRETE BARRIER TRANSITIONS CONCRETE BARRIER TYPE 1 - CASE 1						
	DETAILS	BY B EDWARDS	CHECKED JOEL MAGANA			VARIES							
	QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ			VARIES							
(ENGLISH) SPECIAL DESIGNS BRANCH BORDER SHEET (REV. 7-1-09)		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		UNIT: 3619 PROJECT NUMBER & PHASE: 04140000051		CONTRACT NO.: 04-265014		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES 6/28/14 7/7/15 1/13/15 1/29/15		SHEET 4	OF 25

USERNAME => s129144 DATE PLOTTED => 16-JUL-2015 TIME PLOTTED => 11:10

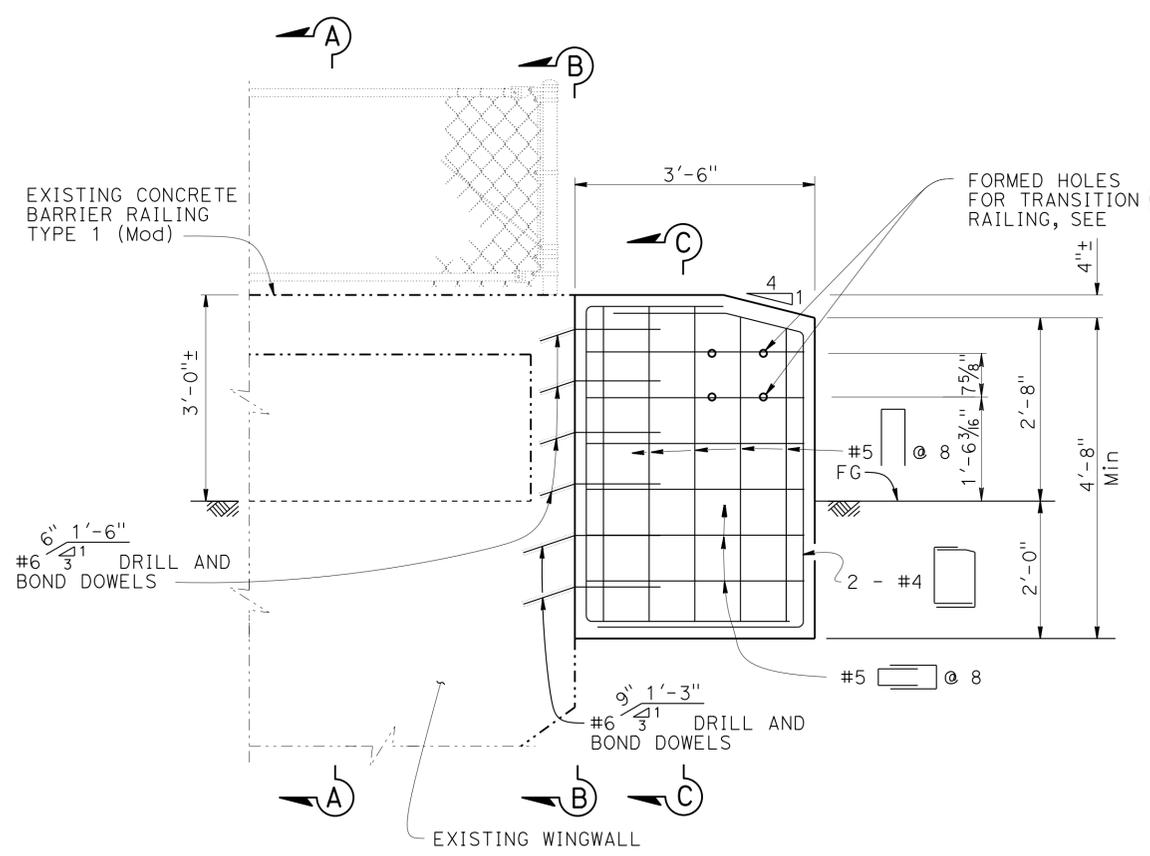
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04	Ala	24,80,84, 92,880, etc.	Var	106	126
				1-30-15	
REGISTERED CIVIL ENGINEER				DATE	
				4-27-15	
PLANS APPROVAL DATE					
				No. C61500	
				Exp. 6/30/17	
				CIVIL	
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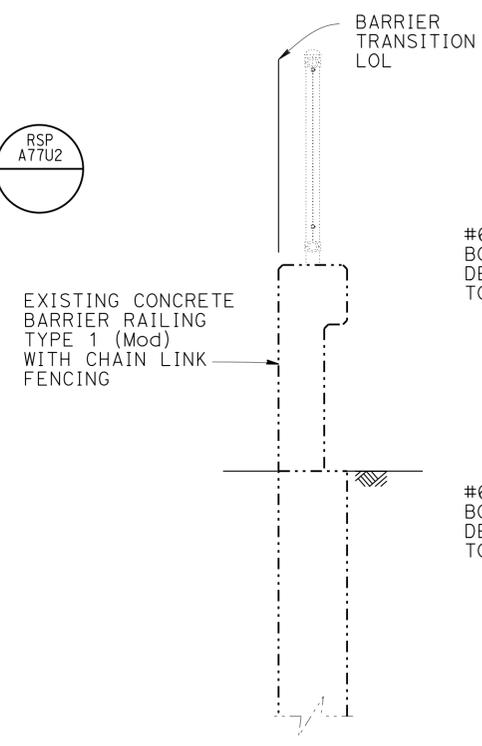
PLAN
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NOTES:

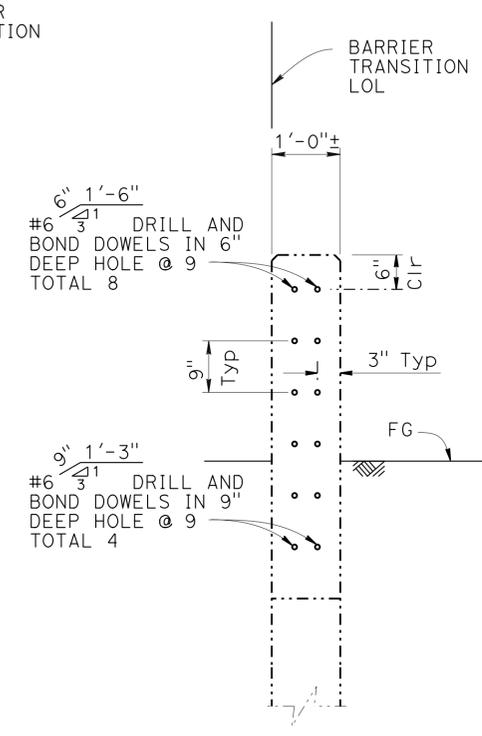
1. See "Location Table" sheets and "Roadway Plans" for work locations.
2. Holes used for fastening existing MBGR must be mortar filled, unless holes were cast using pipe sleeves.
3. Existing barrier heights vary. Where existing barrier height is more than 2'-8", transition barrier height to 2'-8" @ 4:1 slope.



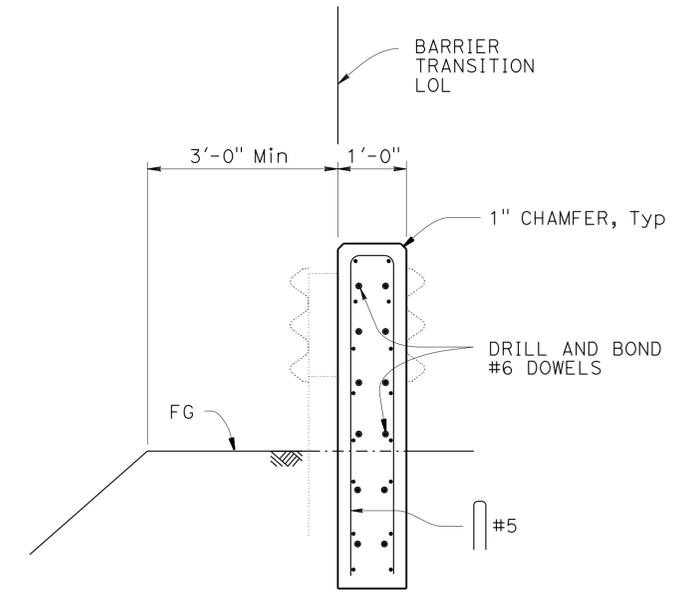
ELEVATION
NO SCALE



SECTION A-A
NO SCALE



SECTION B-B
NO SCALE



SECTION C-C
NO SCALE

LEGEND:

- INDICATES EXISTING STRUCTURE
- INDICATES NEW STRUCTURE

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

BRANCH CHIEF DAVID NEUMANN	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ
	DETAILS	BY B EDWARDS	CHECKED JOEL MAGANA
	QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ

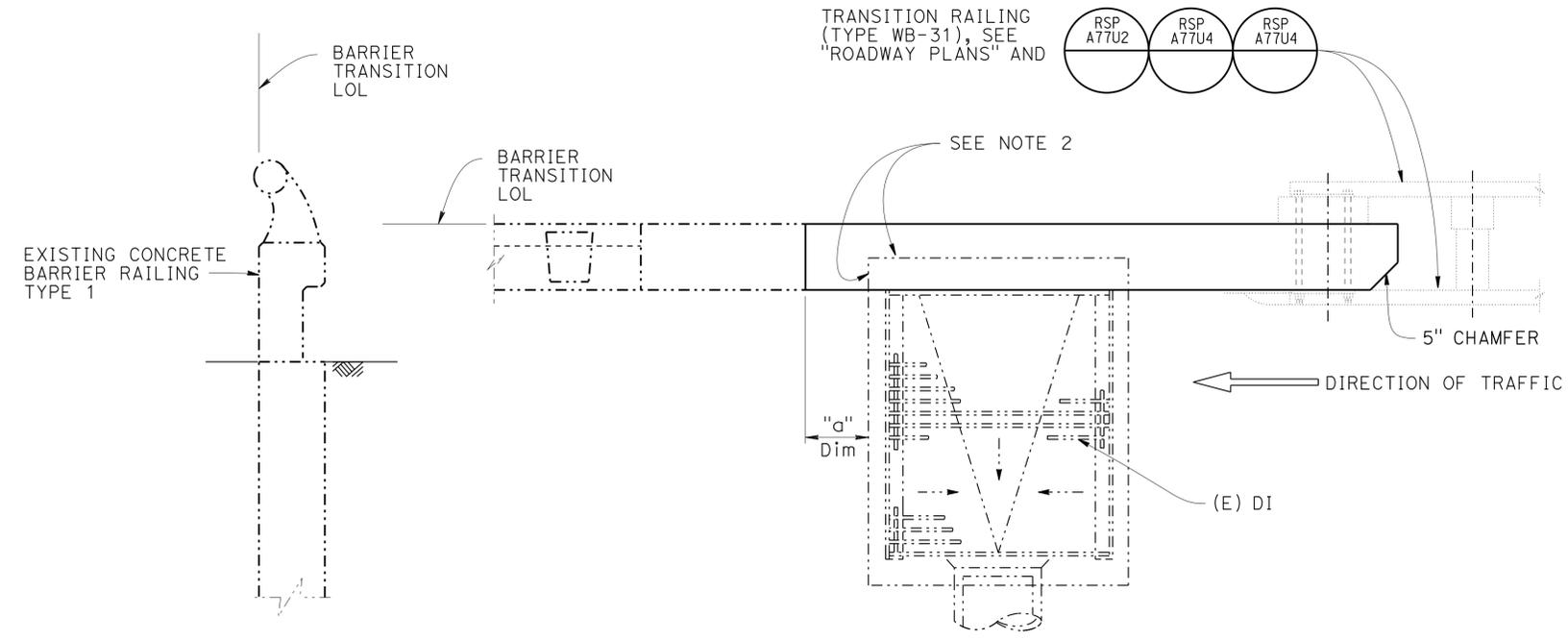
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
DESIGN AND TECHNICAL SERVICES
SPECIAL DESIGNS BRANCH B

BRIDGE NO.	33-0421R
POST MILE	1.33

27TH STREET UC (LEFT APPROACH)
CONCRETE BARRIER TRANSITIONS
CONCRETE BARRIER TYPE 1 (MOD) - CASE 2

USERNAME => s129144 DATE PLOTTED => 16-JUL-2015 TIME PLOTTED => 11:10



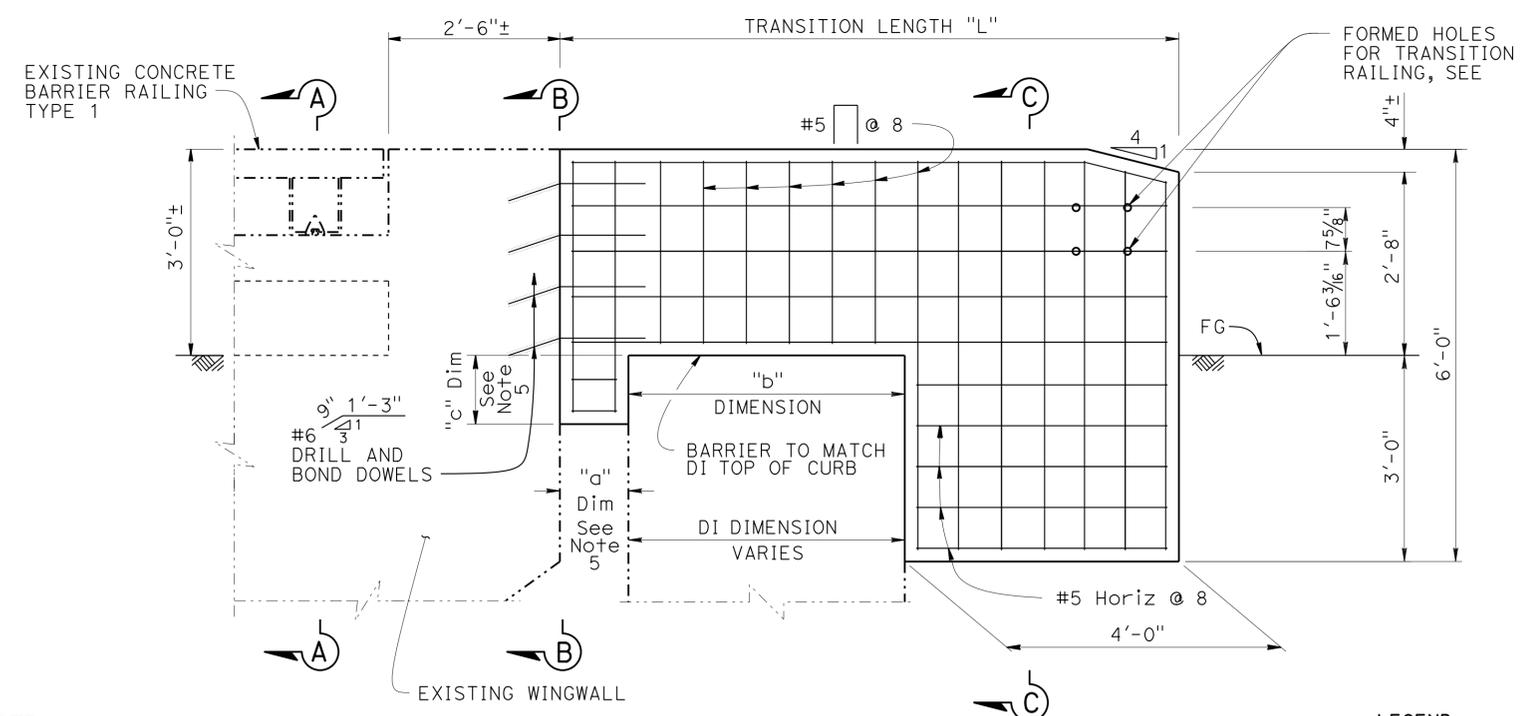
SECTION A-A
NO SCALE

PLAN
NO SCALE

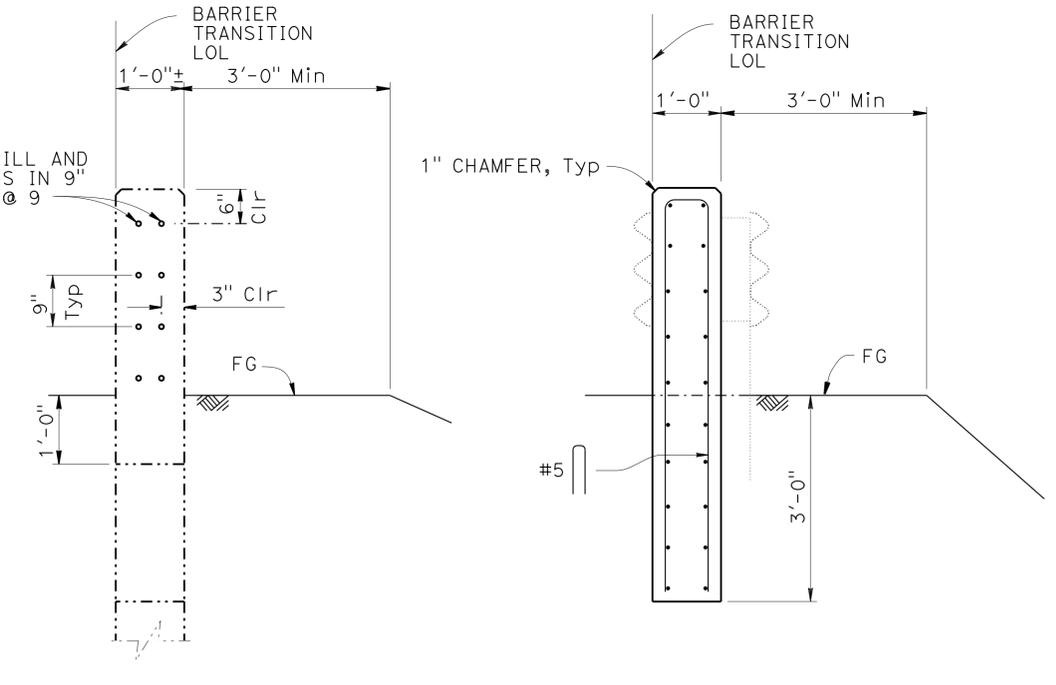
NOTES:

- See "Location Table" sheets and "Roadway Plans" for work locations.
- Apply 3/8" thick expansion board to all sides of DI in contact with newly formed Concrete Barrier Transition.
- Holes used for fastening existing MBGR must be mortar filled, unless holes were cast using pipe sleeves.
- Existing barrier heights vary. Where existing barrier height is more than 2'-8", transition barrier height to 2'-8" @ 4:1 slope.
- Elevation detail shows new structure along the DI offset (dimension "a") placed below FG in a trench. Referring to the Drainage Inlet (DI) Table, for a < 1' then c = 6", similarly for 1' < a < 2' then c = 1', otherwise c = 2'-0".

DRAINAGE INLET (DI) TABLE					
BRIDGE No. OR ERS No.	ROUTE	POST MILE	DI OFFSET dimension "a" See Note 5	DI SIZE dimension "b" See Note 5	TRANSITION LENGTH, "L" a + b + 4' = L
33-0305F	24	2.2	1'-8"±	3'-5"±	9'-1"
33-0359L	24	2.2	1'-5"±	3'-5"±	8'-10"
NOT A BRIDGE	24	3.27	1'-0"±	3'-5"±	8'-5"



ELEVATION
NO SCALE



SECTION B-B
NO SCALE

SECTION C-C
NO SCALE

NOTE:
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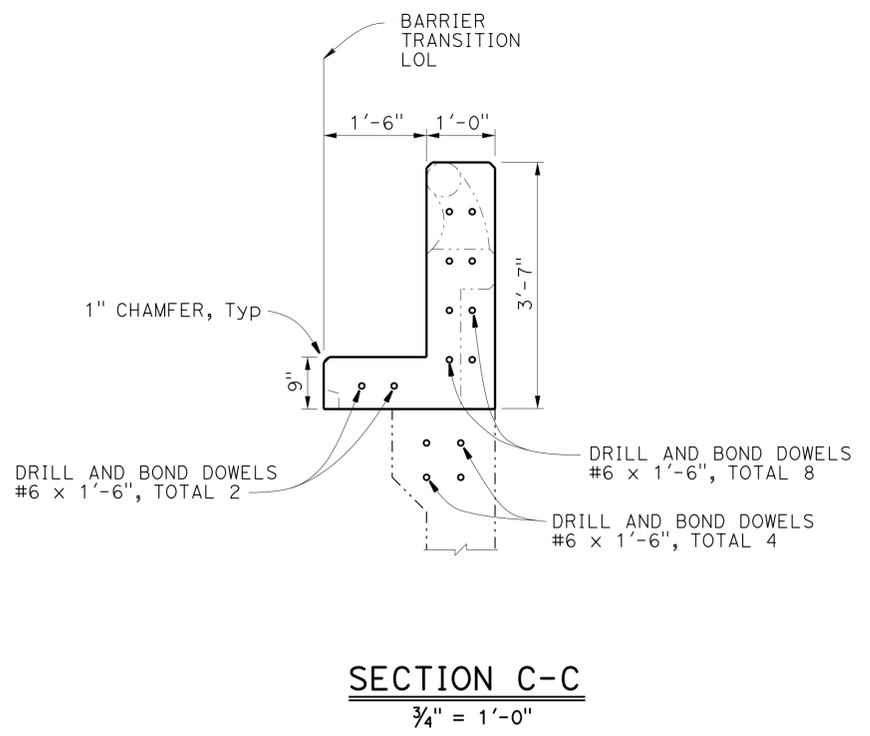
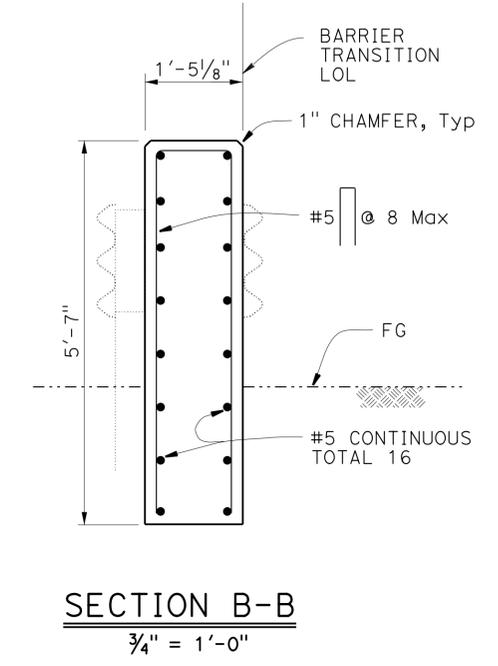
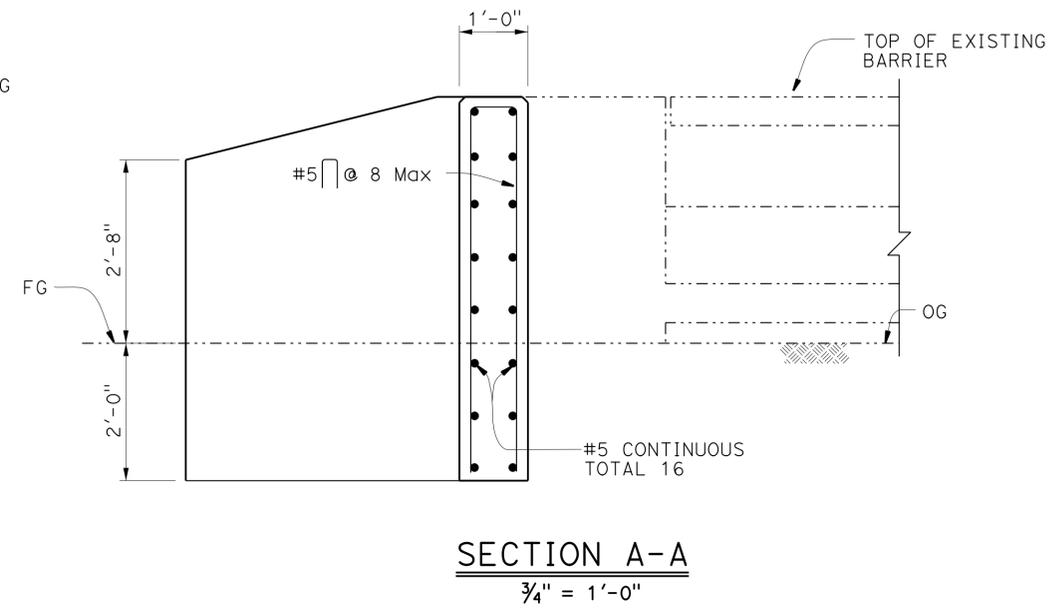
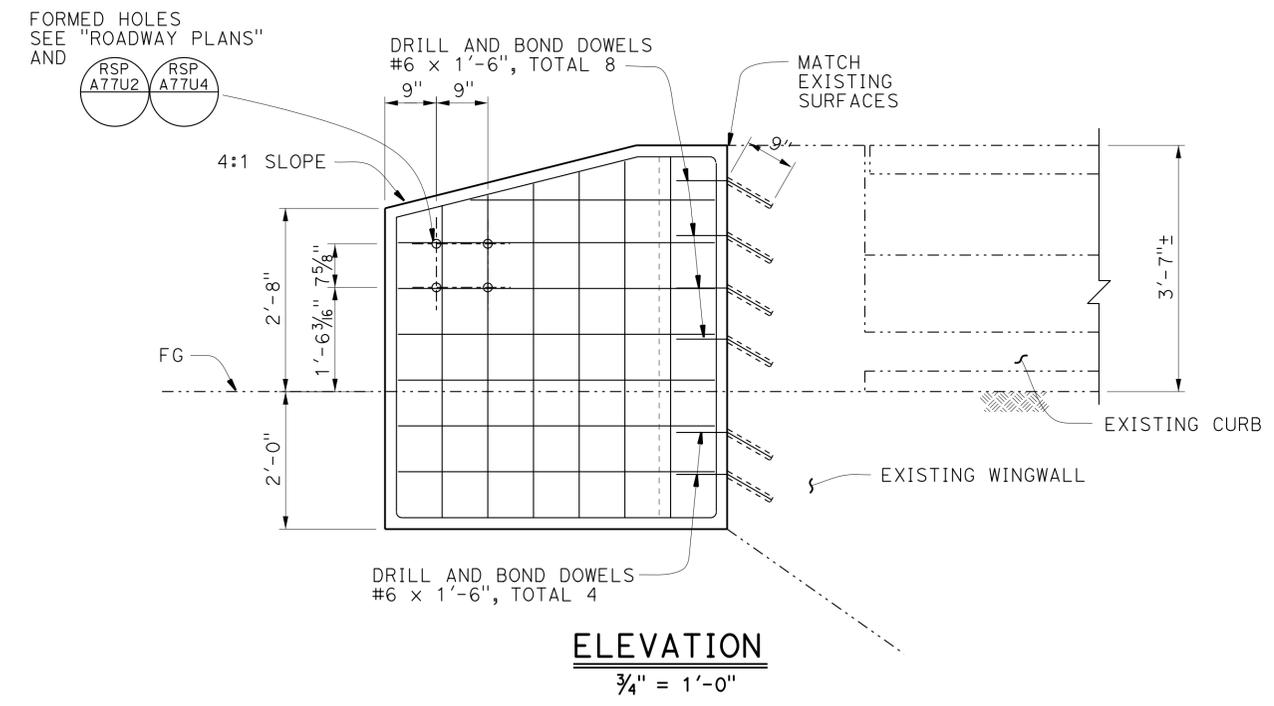
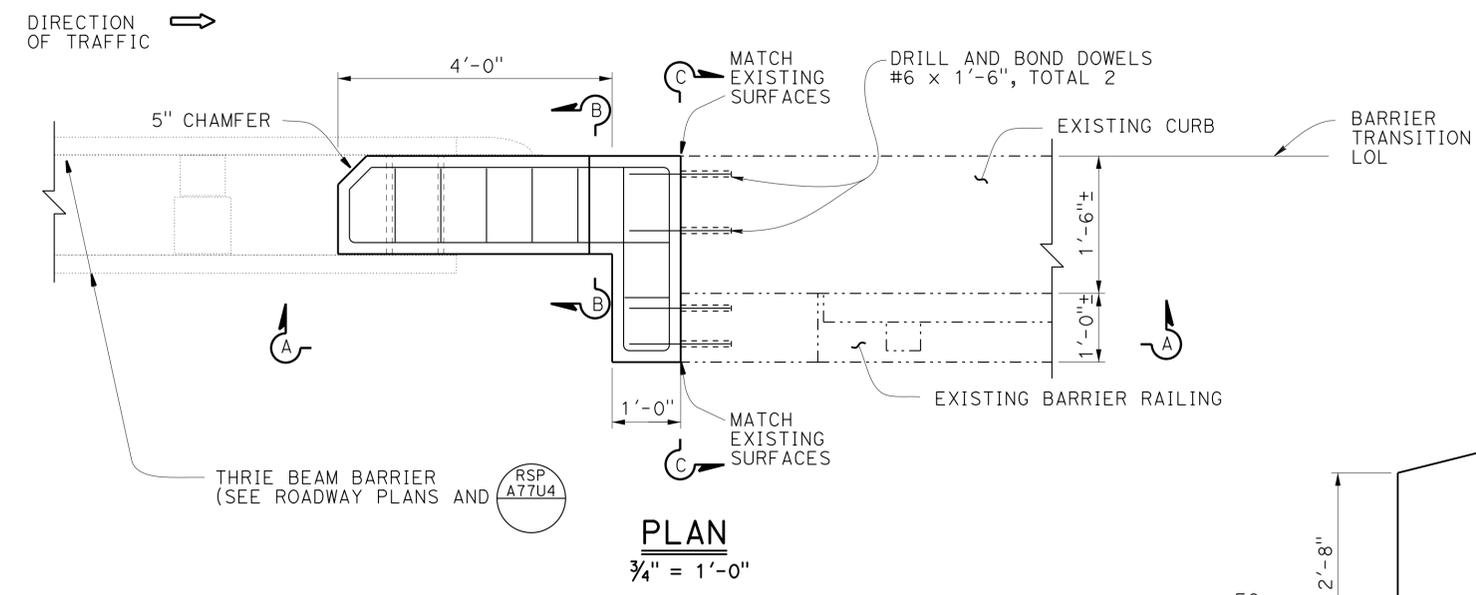
LEGEND:
 - - - - - Indicates existing structure
 _____ Indicates new structure

BRANCH CHIEF DAVID NEUMANN	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES DESIGN AND TECHNICAL SERVICES SPECIAL DESIGNS BRANCH B	BRIDGE NO.	VARIABLES	CONCRETE BARRIER TRANSITIONS CONCRETE BARRIER TYPE 1 OVER DI - CASE 3
	DETAILS	BY B EDWARDS	CHECKED JOEL MAGANA			POST MILE	VARIABLES	
	QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ			VARIES	VARIABLES	

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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1-30-15
 REGISTERED CIVIL ENGINEER DATE
 4-27-15
 PLANS APPROVAL DATE
 No. C61500
 Exp. 6/30/17
 CIVIL
 STATE OF CALIFORNIA

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- NOTES:**
- See "Location Table" sheets and "Roadway Plans" for work locations.
 - Holes used for fastening existing MBGR must be mortar filled, unless holes were cast using pipe sleeves.
 - Existing barrier heights vary. Where existing barrier height is more than 2'-8", transition barrier height to 2'-8" @ 4:1 slope.
 - Minimum 2" cover, typical.

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

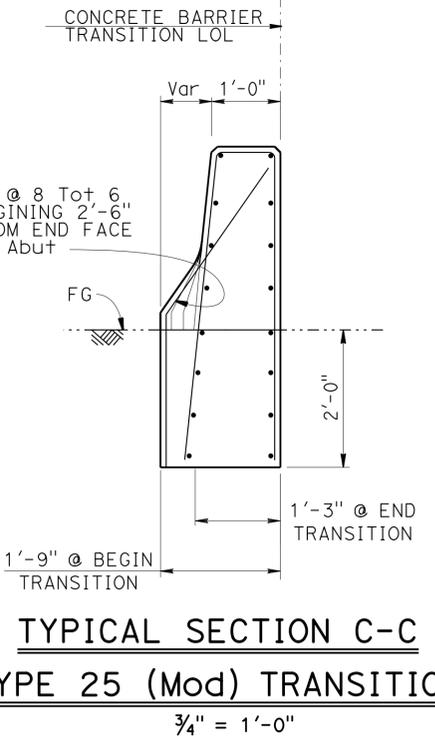
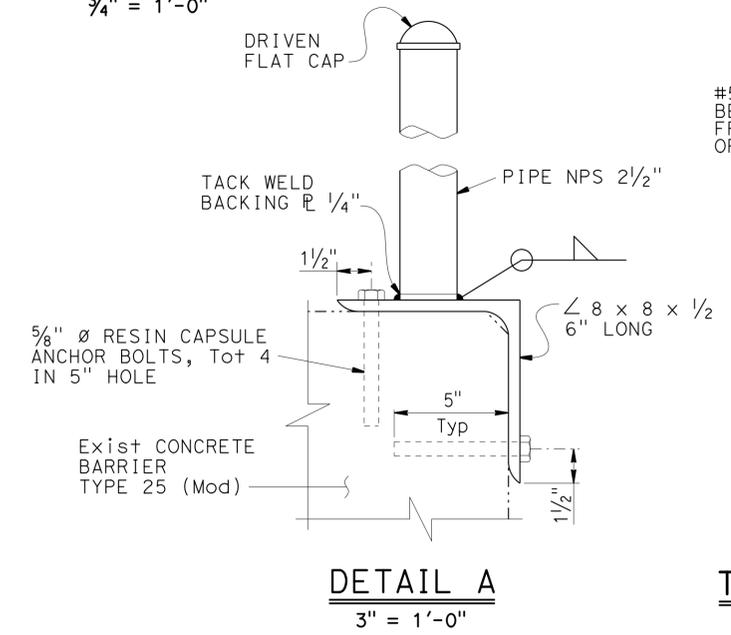
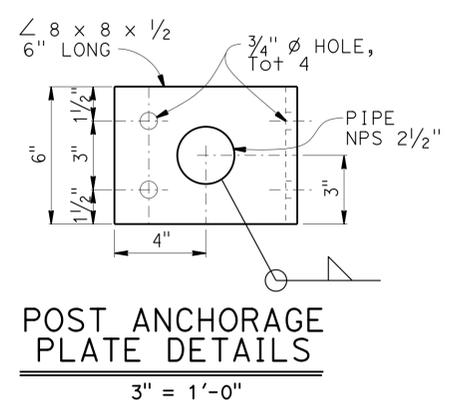
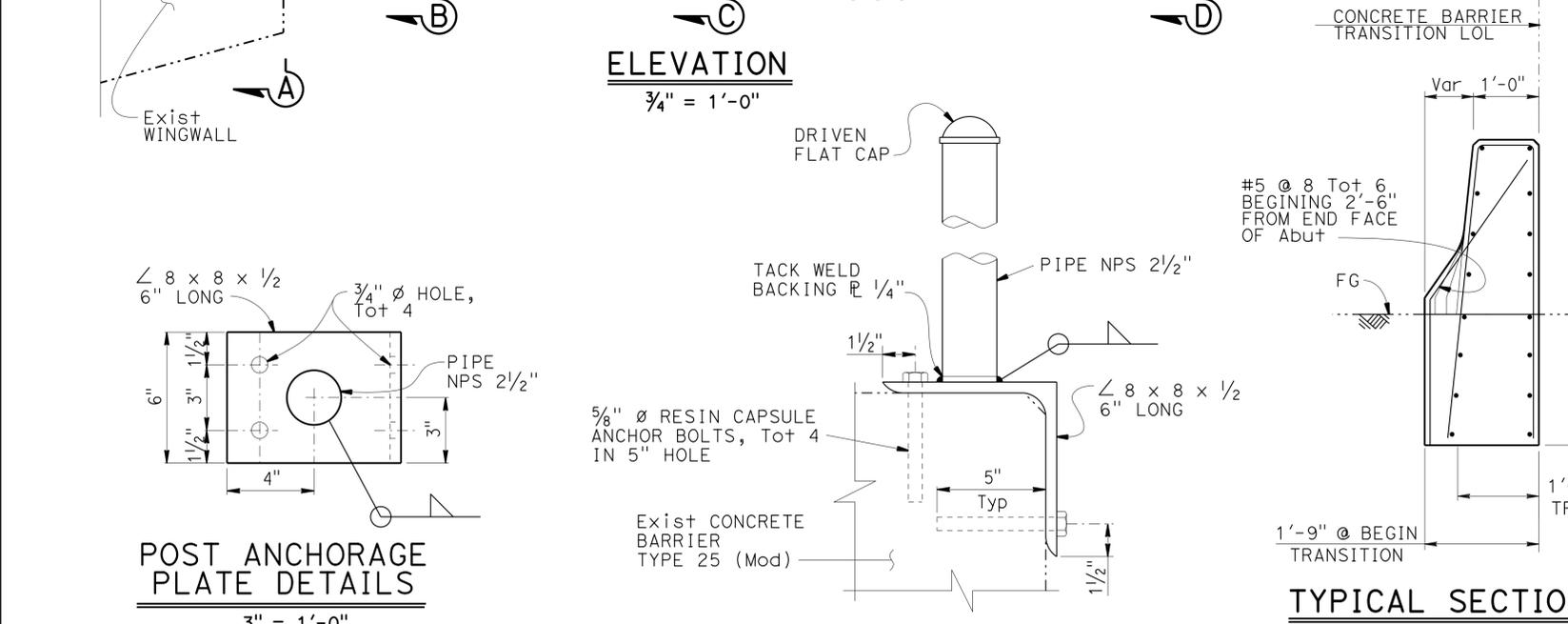
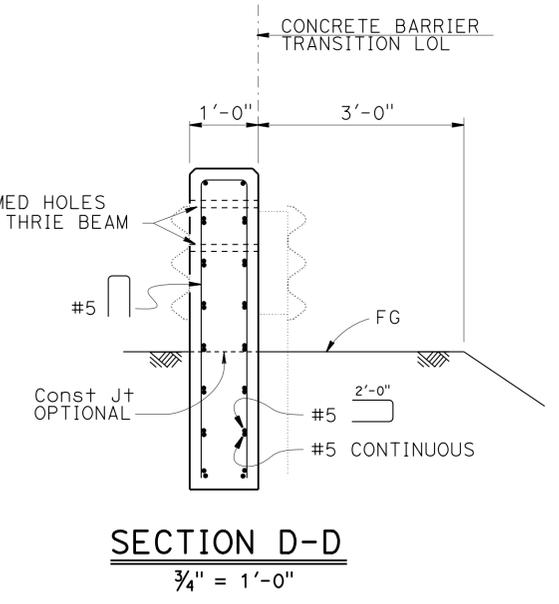
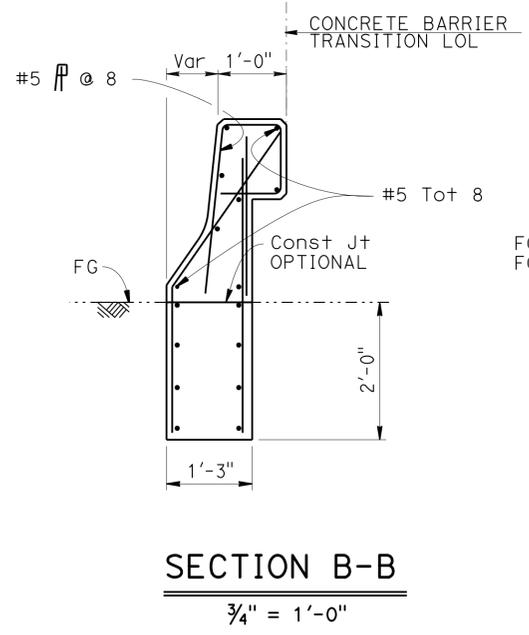
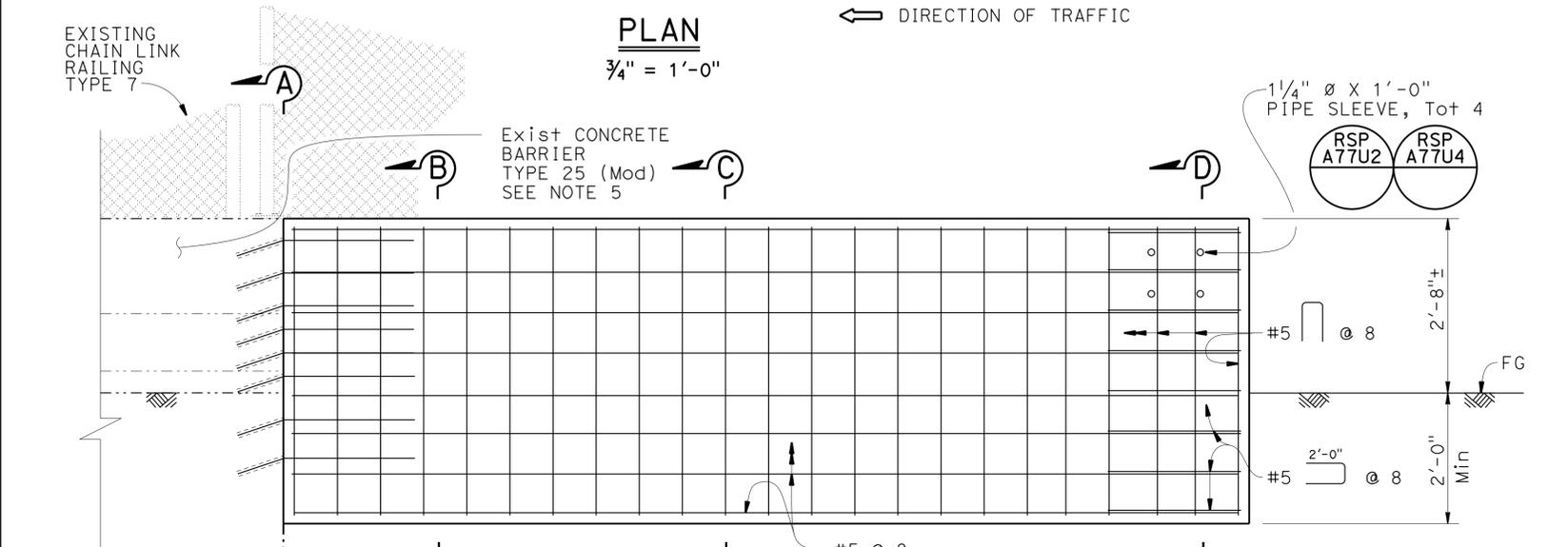
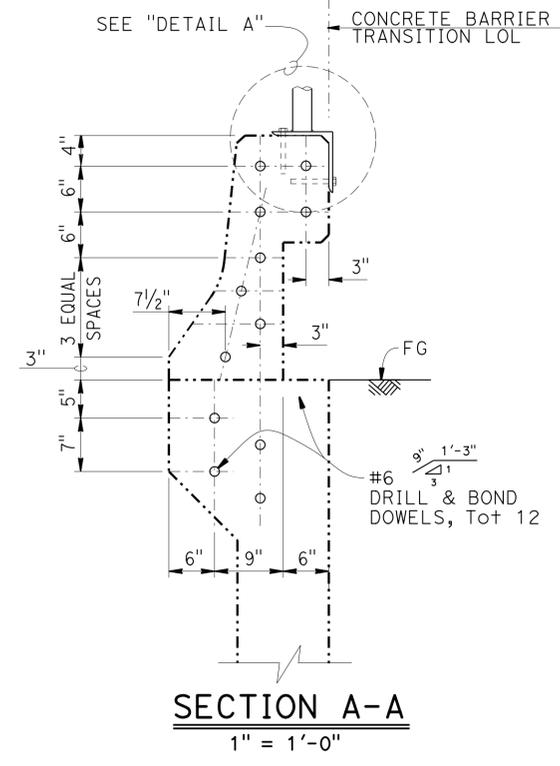
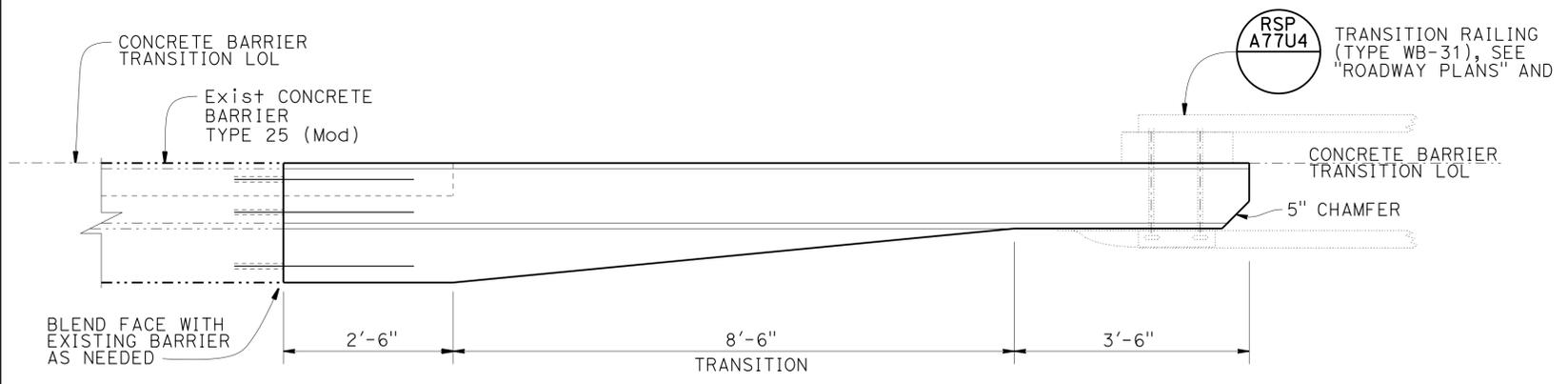
BRANCH CHIEF DAVID NEUMANN	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES DESIGN AND TECHNICAL SERVICES SPECIAL DESIGNS BRANCH B	BRIDGE NO.	CONCRETE BARRIER TRANSITIONS CONCRETE BARRIER TYPE 2 (Mod)
	DETAILS	BY B EDWARDS	CHECKED JOEL MAGANA			VARIABLES	
	QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ			VARIABLES	
(ENGLISH) SPECIAL DESIGNS BRANCH BORDER SHEET (REV. 7-1-09)		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		0 1 2 3	UNIT: 3619 PROJECT NUMBER & PHASE: 0414000051	CONTRACT NO.: 04-265014	DISREGARD PRINTS BEARING EARLIER REVISION DATES
						REVISION DATES	SHEET 7 OF 25

FILE => 04-2g5014-un-misc-df05.dgn

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	109	126

1-30-15
 REGISTERED CIVIL ENGINEER DATE
 4-27-15
 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
 JOEL MAGANA
 No. C61500
 Exp. 6/30/17
 CIVIL
 STATE OF CALIFORNIA



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

- NOTES:
- See "Location Table" sheets and "Roadway Plans" for work locations.
 - Holes used for fastening existing MBGR must be mortar filled, unless holes were cast using pipe sleeves.
 - Existing barrier heights vary. Where existing barrier height is more than 2'-8", transition barrier height to 2'-8" @ 4:1 slope.
 - Minimum 2" cover
 - Remove chain link fence end post anchored to existing end face of barrier. Restore chain link fence with new anchored post as shown in "Detail A".

DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ
DETAILS	BY B EDWARDS / B HUDDLESTON	CHECKED JOEL MAGANA
QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ

BRANCH CHIEF DAVID NEUMANN

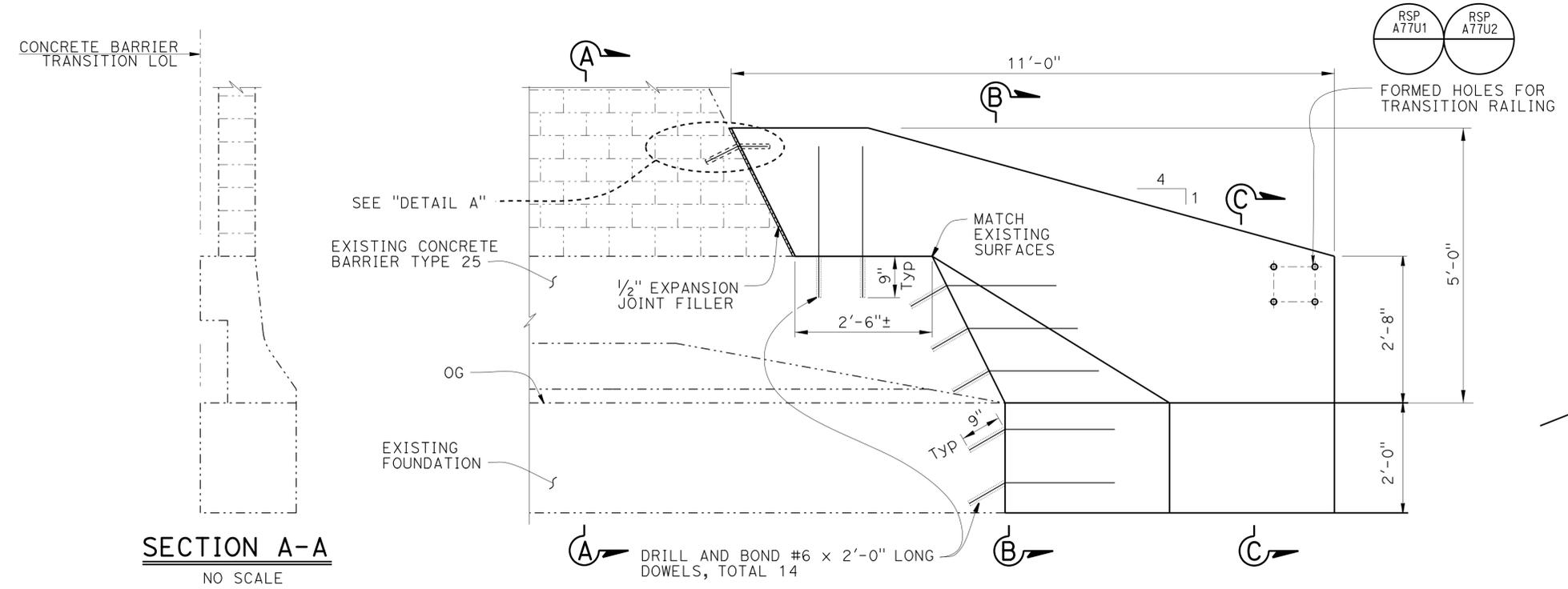
STATE OF CALIFORNIA	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. 33-0239
DEPARTMENT OF TRANSPORTATION	DESIGN AND TECHNICAL SERVICES	POST MILE 20.95

CONCRETE BARRIER TRANSITIONS
CONCRETE BARRIER TYPE 25 (Mod)

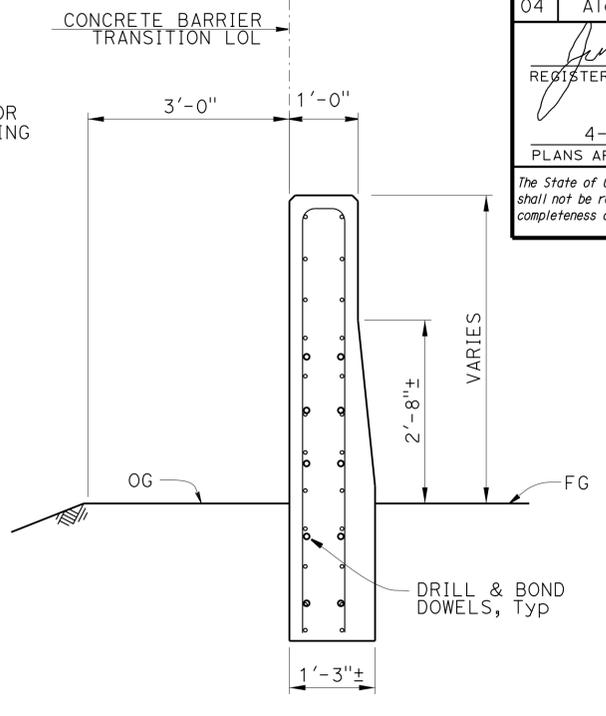
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	110	126

1-30-15
 REGISTERED CIVIL ENGINEER DATE
 4-27-15
 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.

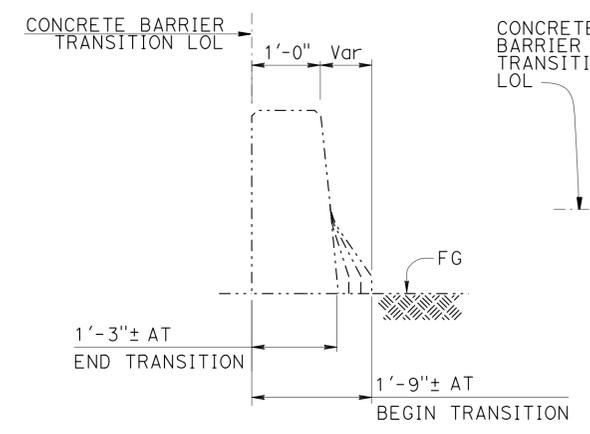
JOEL MAGANA
 REGISTERED PROFESSIONAL ENGINEER
 No. C61500
 Exp. 6/30/17
 CIVIL
 STATE OF CALIFORNIA



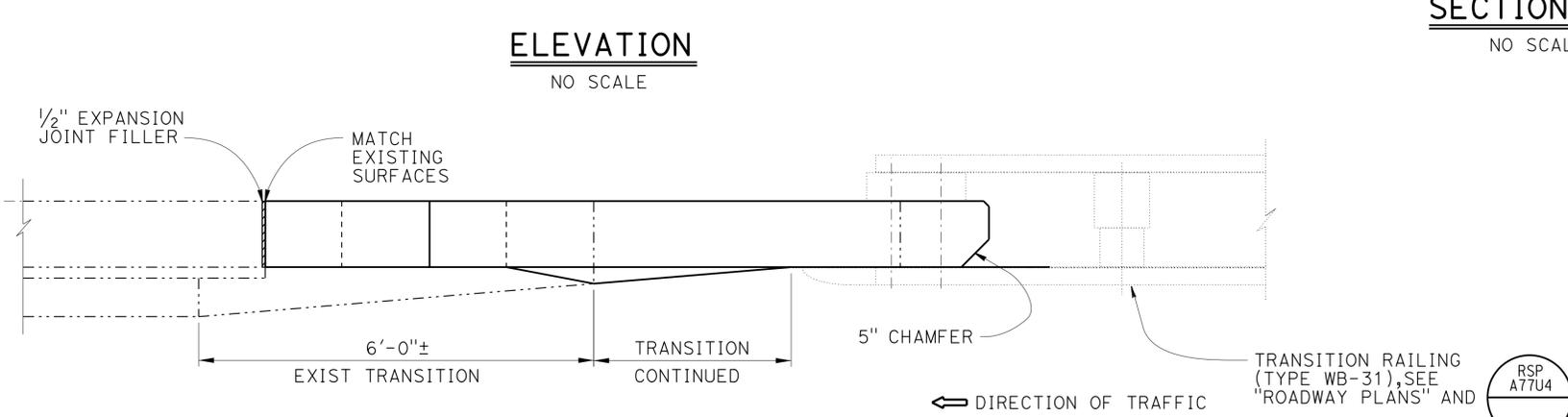
SECTION A-A
NO SCALE



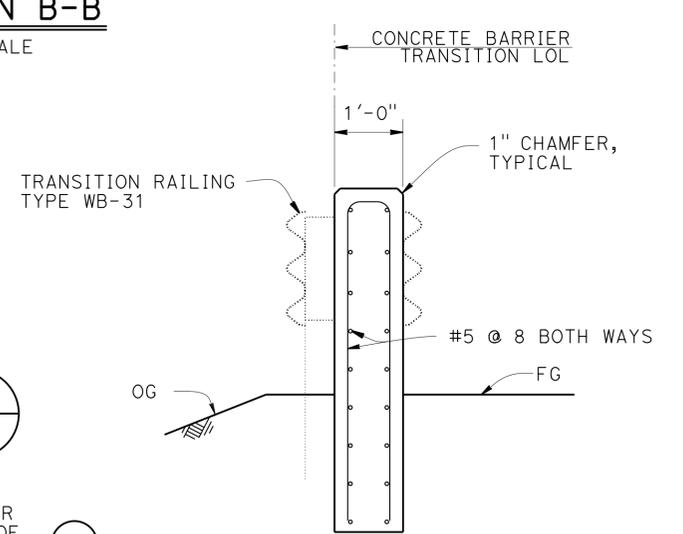
SECTION B-B
NO SCALE



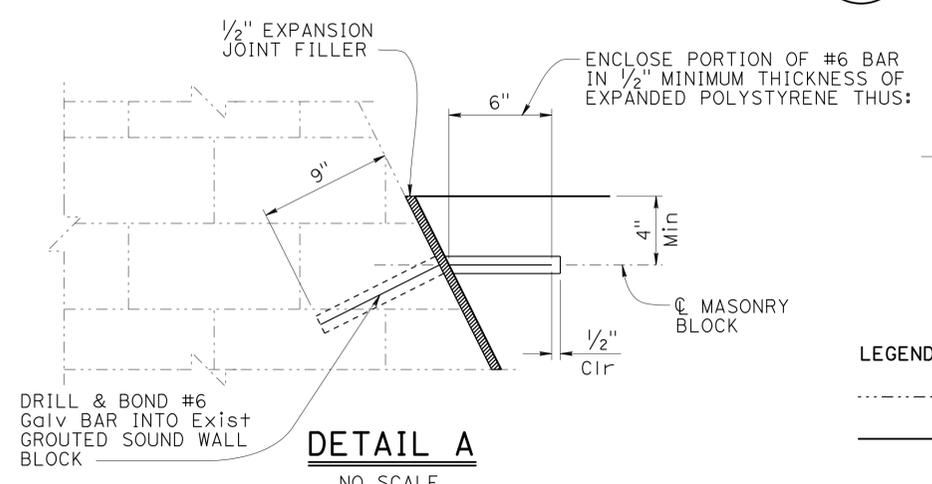
TYPICAL SECTION (E) TYPE 25 TRANSITION
NO SCALE



ELEVATION
NO SCALE



SECTION C-C
NO SCALE



DETAIL A
NO SCALE

NOTES:

1. See "Location Table" sheets and "Roadway Plans" for work locations.
2. Holes used for fastening existing MBGR must be mortar filled, unless holes were cast using pipe sleeves.
3. Existing barrier heights vary. Where existing barrier height is more than 2'-8", transition barrier height to 2'-8" @ 4:1 slope.

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

LEGEND:

- - - - - Indicates existing structure
- Indicates new construction

BRANCH CHIEF DAVID NEUMANN	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ
	DETAILS	BY B EDWARDS/H NGUYEN	CHECKED JOEL MAGANA
	QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

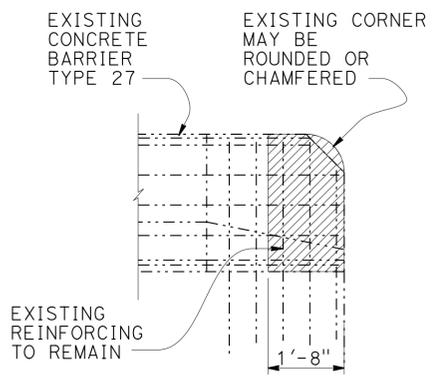
DIVISION OF ENGINEERING SERVICES
DESIGN AND TECHNICAL SERVICES
SPECIAL DESIGNS BRANCH B

BRIDGE NO.	VARIABLES
POST MILE	VARIABLES

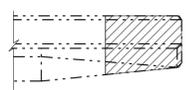
CONCRETE BARRIER TRANSITIONS
CONCRETE BARRIER TYPE 25 WITH SOUNDWALL

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	111	126

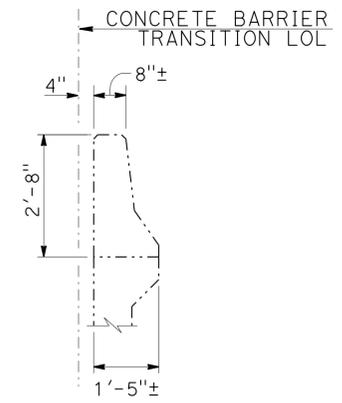
1-30-15
 REGISTERED CIVIL ENGINEER DATE
 4-27-15
 PLANS APPROVAL DATE
 No. C61500
 Exp. 6/30/17
 CIVIL
 STATE OF CALIFORNIA



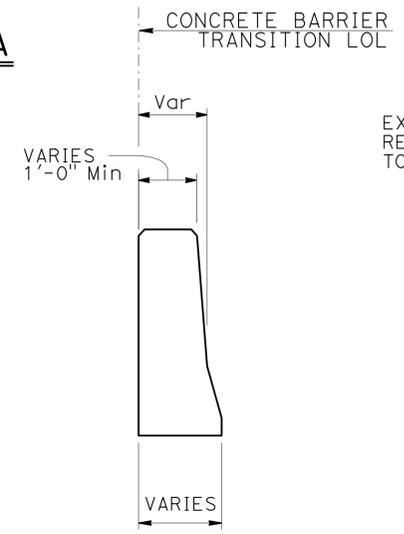
ELEVATION



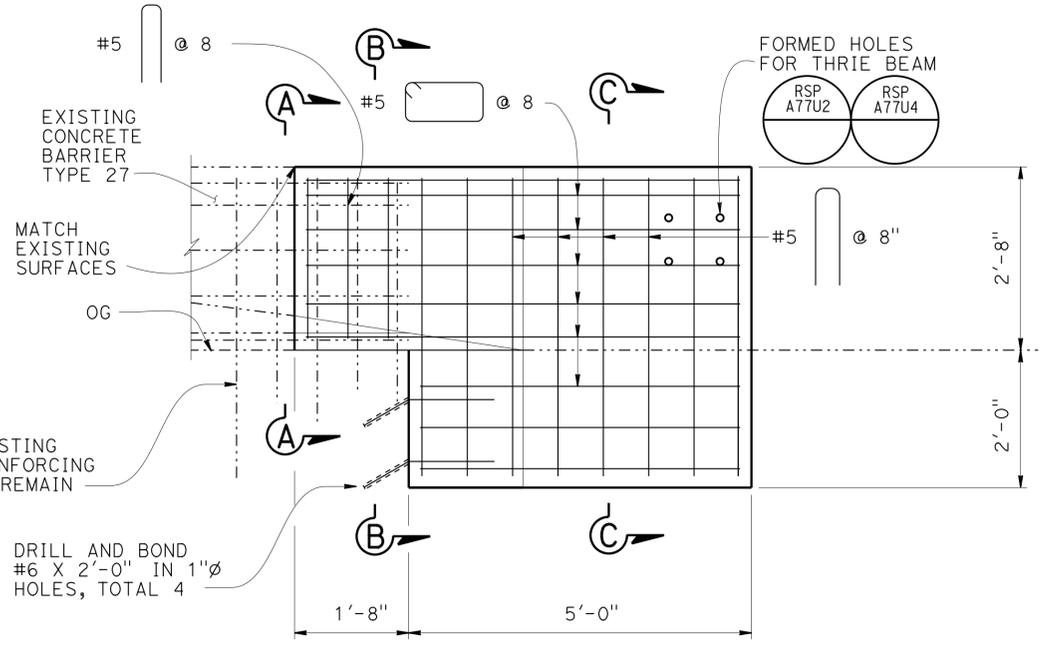
PLAN DEMOLITION
1/2" = 1'-0"



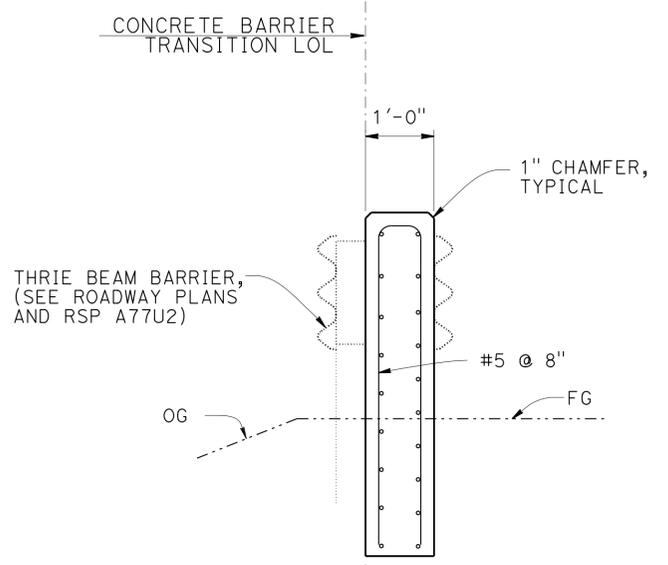
SECTION A-A
1/2" = 1'-0"



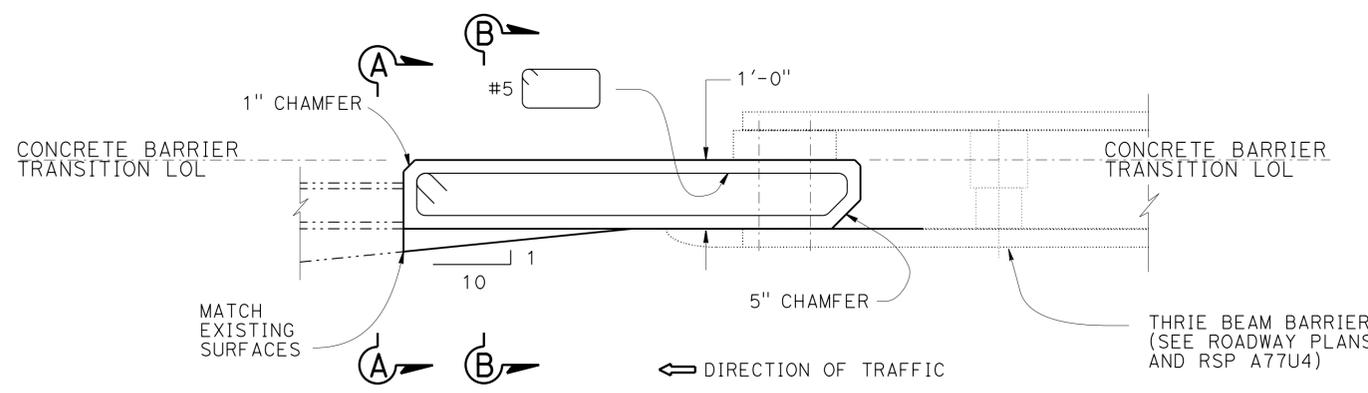
SECTION B-B
NO SCALE



ELEVATION
3/4" = 1'-0"



SECTION C-C
3/4" = 1'-0"



PLAN
3/4" = 1'-0"

NOTES:

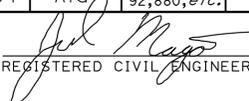
1. See "Location Table" sheets and "Roadway Plans" for work locations.
2. Holes used for fastening existing MBGR must be mortar filled, unless holes were cast using pipe sleeves.
3. Existing barrier heights vary. Where existing barrier height is more than 2'-8", transition barrier height to 2'-8" @ 4:1 slope.
4. Minimum 1" cover, typical.

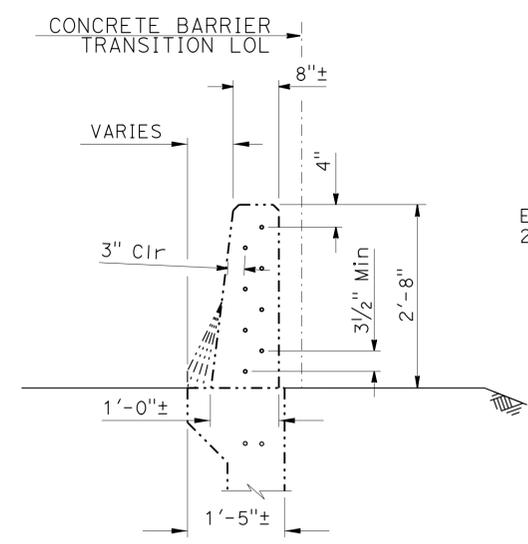
NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

LEGEND:

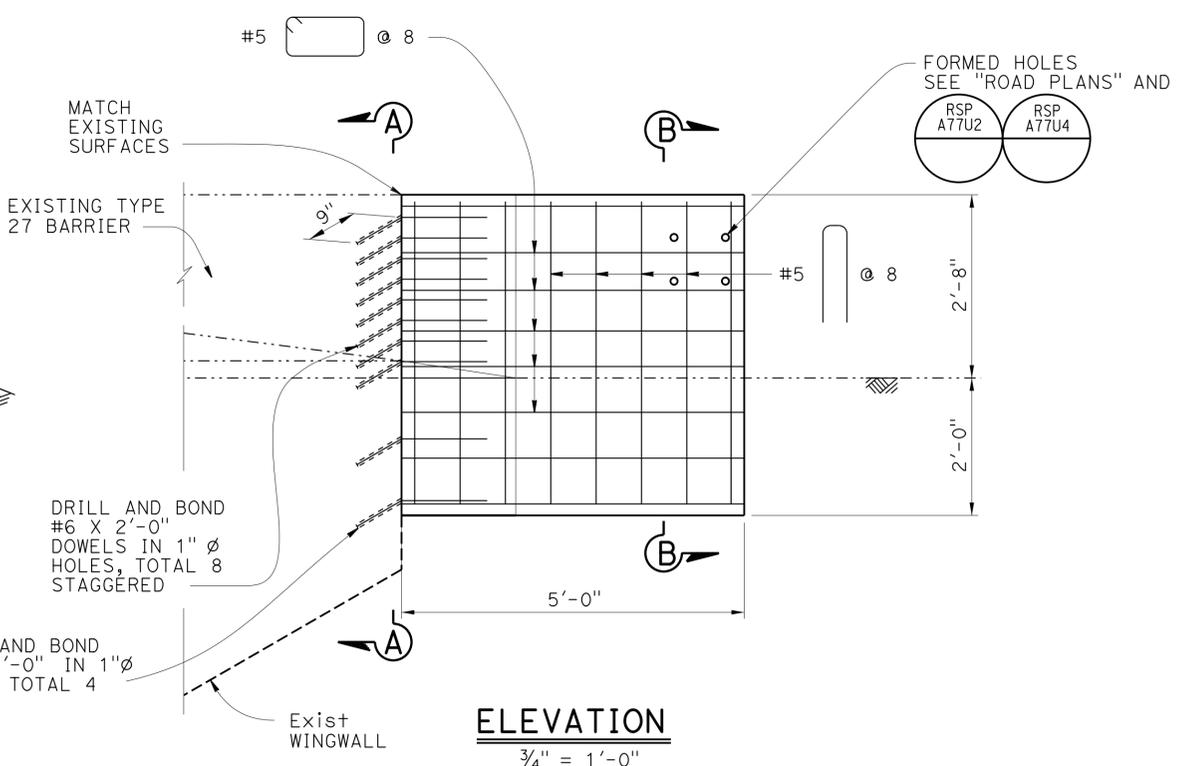
- Indicates existing structure
- Indicates new construction
- /// Concrete Removal

BRANCH CHIEF DAVID NEUMANN	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES DESIGN AND TECHNICAL SERVICES SPECIAL DESIGNS BRANCH B	BRIDGE NO.	CONCRETE BARRIER TRANSITIONS
	DETAILS	BY B EDWARDS	CHECKED JOEL MAGANA			VARIES	
	QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ			VARIES	

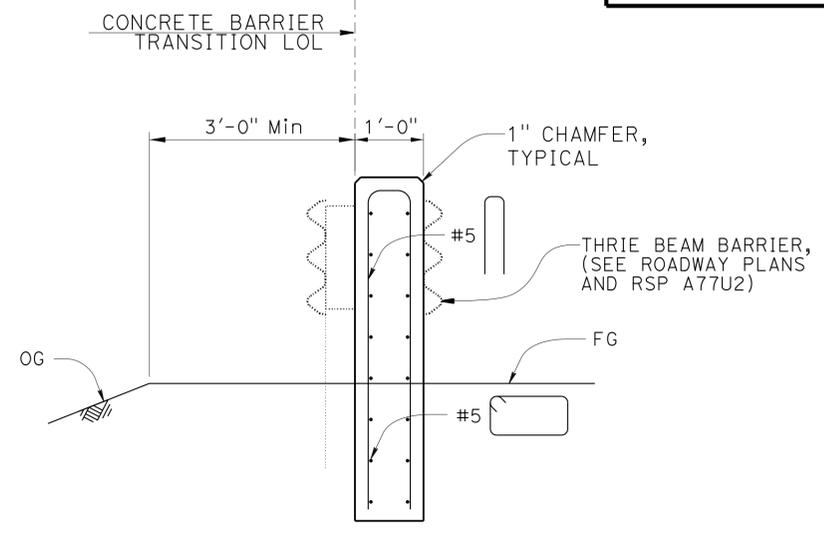
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	112	126
 REGISTERED CIVIL ENGINEER DATE 1-30-15					
PLANS APPROVAL DATE 4-27-15					
<i>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.</i>					



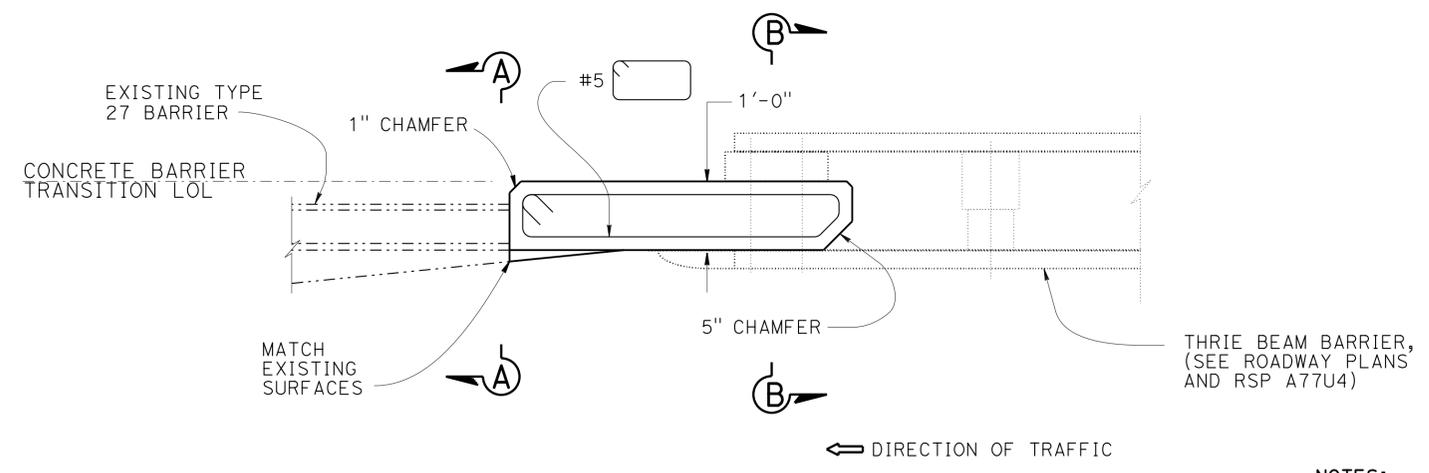
SECTION A-A
3/4" = 1'-0"



ELEVATION
3/4" = 1'-0"



SECTION B-B
3/4" = 1'-0"



PLAN
3/4" = 1'-0"

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

- NOTES:**
- See "Location Table" sheets and "Roadway Plans" for work locations.
 - Holes used for fastening existing MBGR must be mortar filled, unless holes were cast using pipe sleeves.
 - Existing barrier heights vary. Where existing barrier height is more than 2'-8", transition barrier height to 2'-8" @ 4:1 slope.
 - Minimum 1" cover, typical.

LEGEND:

----- Indicates existing structure

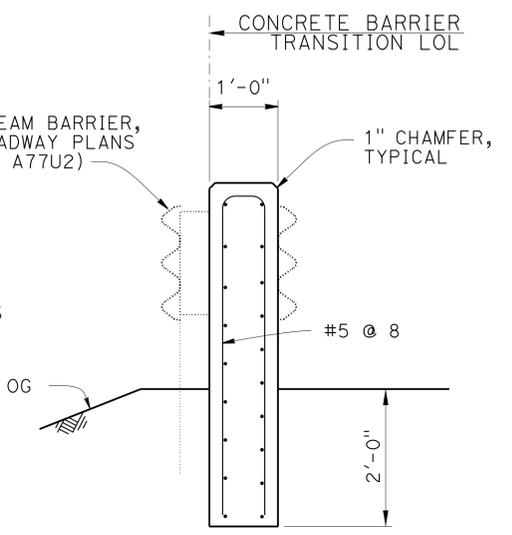
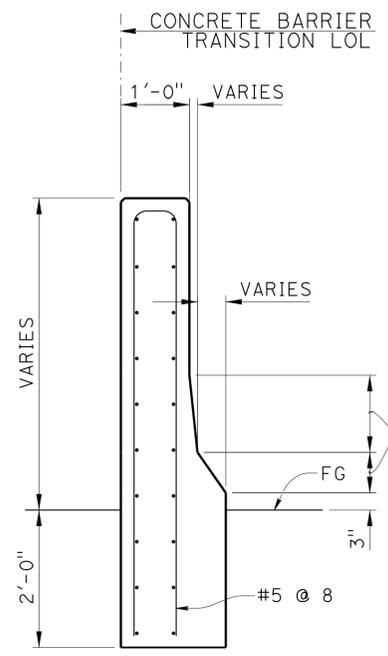
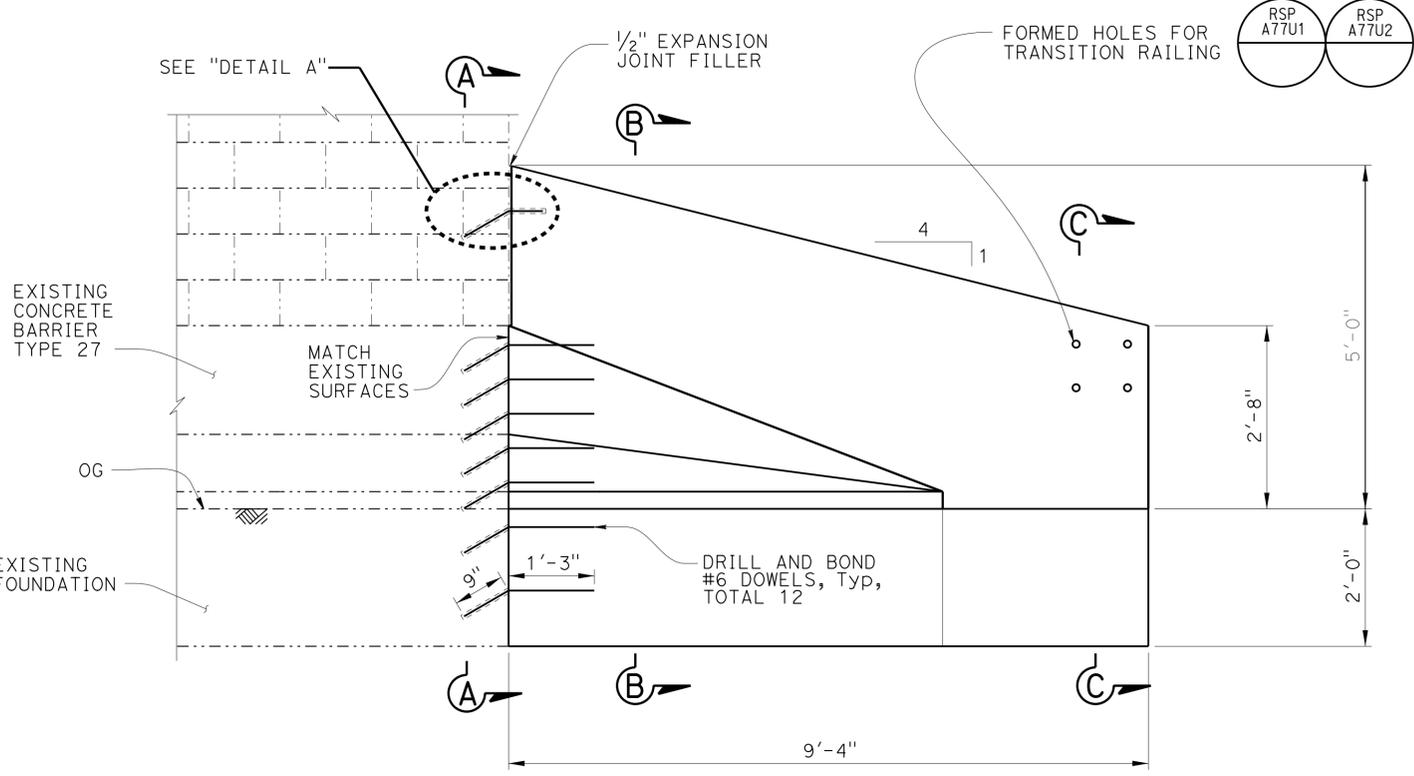
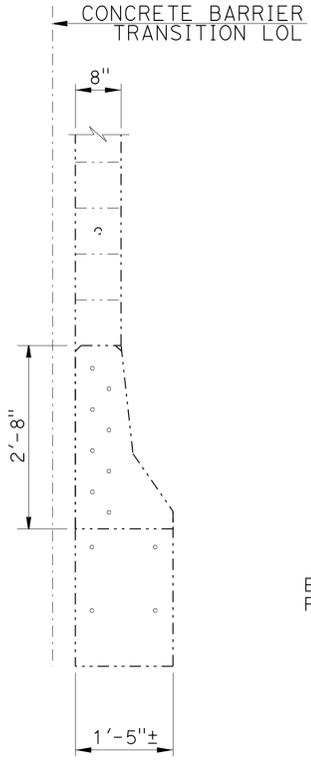
————— Indicates new construction

BRANCH CHIEF DAVID NEUMANN	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES DESIGN AND TECHNICAL SERVICES SPECIAL DESIGNS BRANCH B	BRIDGE NO.	CONCRETE BARRIER TRANSITIONS CONCRETE BARRIER TYPE 27 (Mod) - CASE 2
	DETAILS	BY B EDWARDS	CHECKED JOEL MAGANA			VARIABLES	
	QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ			VARIABLES	

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	113	126

1-30-15
 REGISTERED CIVIL ENGINEER DATE
 4-27-15
 PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER
 JOEL MAGANA
 No. C61500
 Exp. 6/30/17
 CIVIL
 STATE OF CALIFORNIA

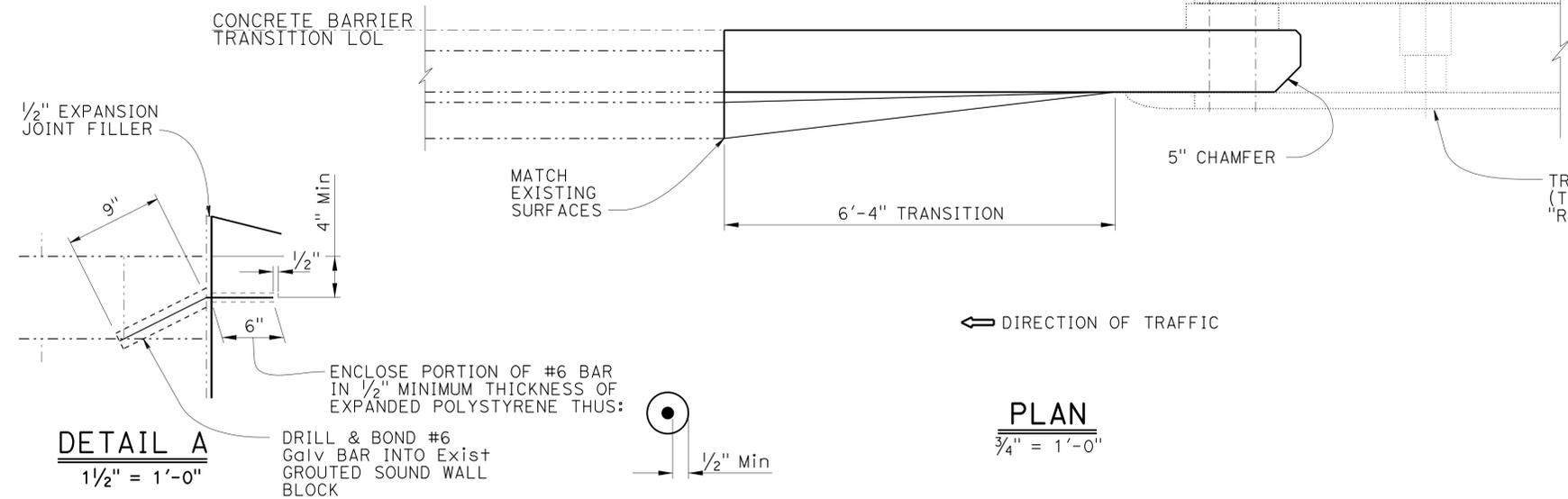


SECTION A-A
NO SCALE

ELEVATION
NO SCALE

SECTION B-B
NO SCALE

SECTION C-C
NO SCALE



DETAIL A
1/2" = 1'-0"

PLAN
3/4" = 1'-0"

NOTES:

- See "Location Table" sheets and "Roadway Plans" for work locations.
- Holes used for fastening existing MBGR must be mortar filled, unless holes were cast using pipe sleeves.

LEGEND:

- Indicates existing structure
- Indicates new construction

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

DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ
DETAILS	BY B EDWARDS/P C WELLS	CHECKED JOEL MAGANA
QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
DESIGN AND TECHNICAL SERVICES
SPECIAL DESIGNS BRANCH **B**

BRIDGE NO.	VARIES
POST MILE	VARIES

CONCRETE BARRIER TRANSITIONS
CONCRETE BARRIER TYPE 27 WITH SOUNDWALL

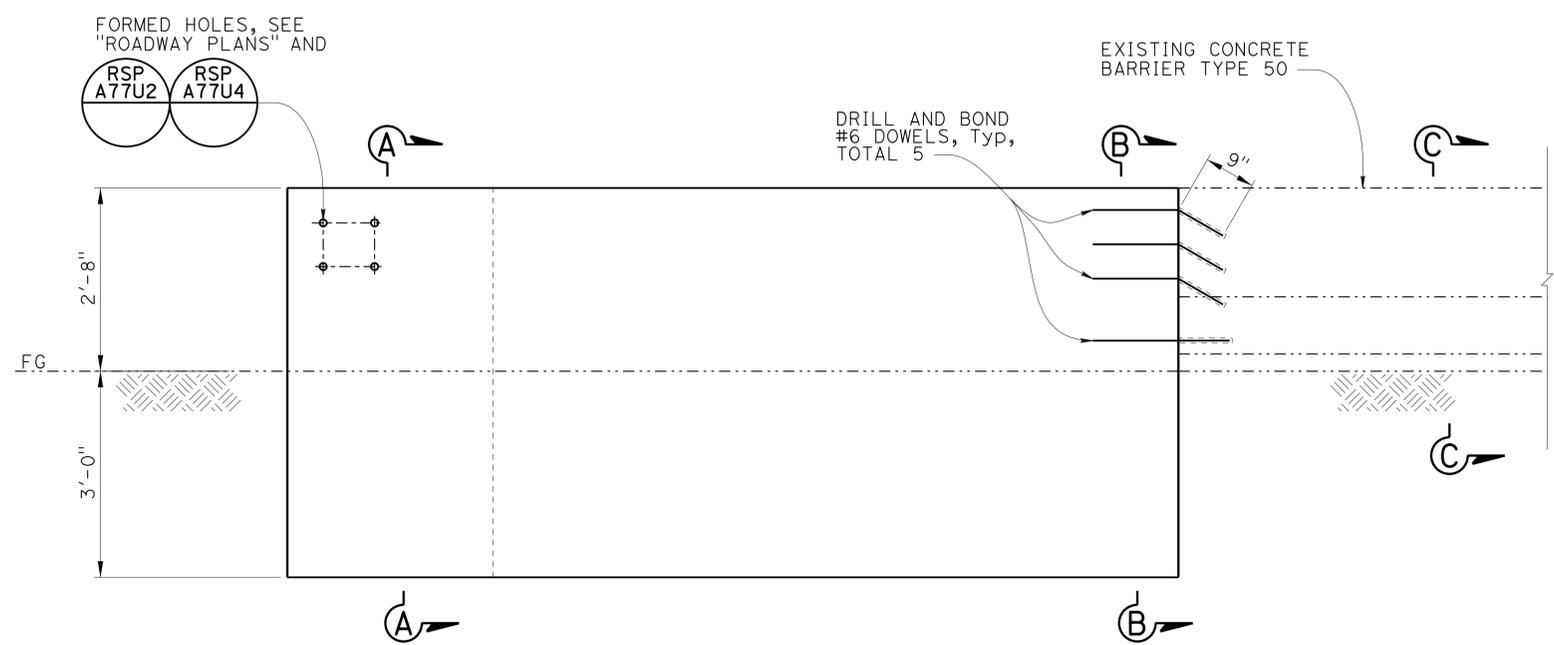
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	114	126

1-30-15
 REGISTERED CIVIL ENGINEER DATE
 4-27-15
 PLANS APPROVAL DATE
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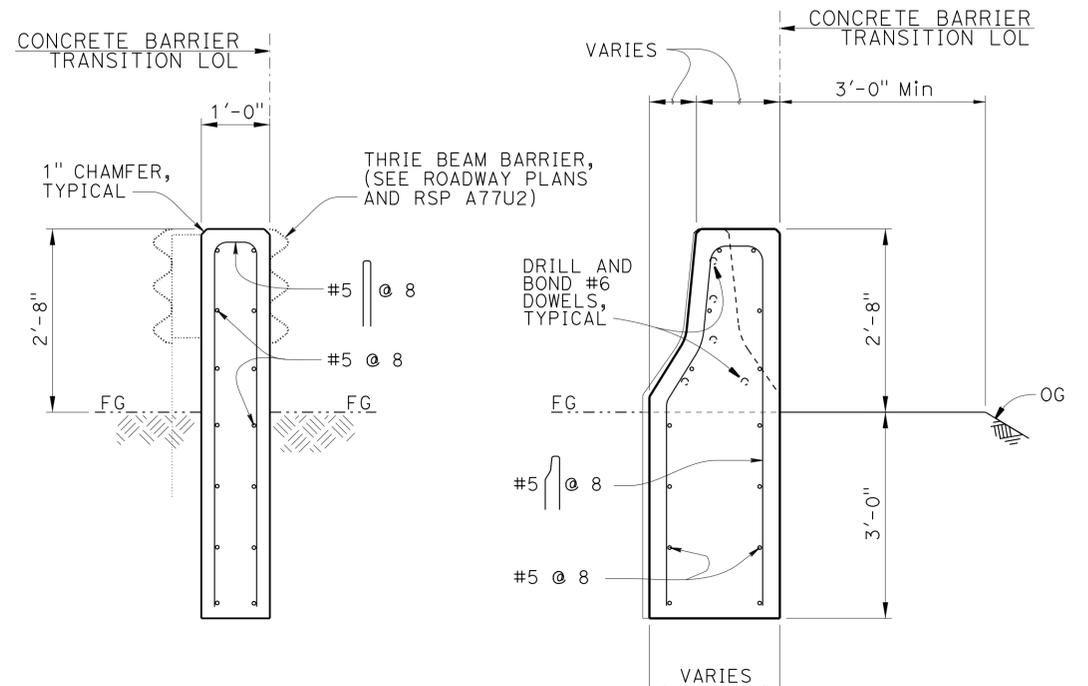
REGISTERED PROFESSIONAL ENGINEER
 JOEL MAGANA
 No. C61500
 Exp. 6/30/17
 CIVIL
 STATE OF CALIFORNIA

- NOTES:**
- See "Location Table" sheets and "Roadway Plans" for work locations.
 - Holes used for fastening existing MBGR must be mortar filled, unless holes were cast using pipe sleeves.
 - Barrier to follow the curvature of the roadway.

- LEGEND:**
- Indicates existing structure
 - Indicates new construction

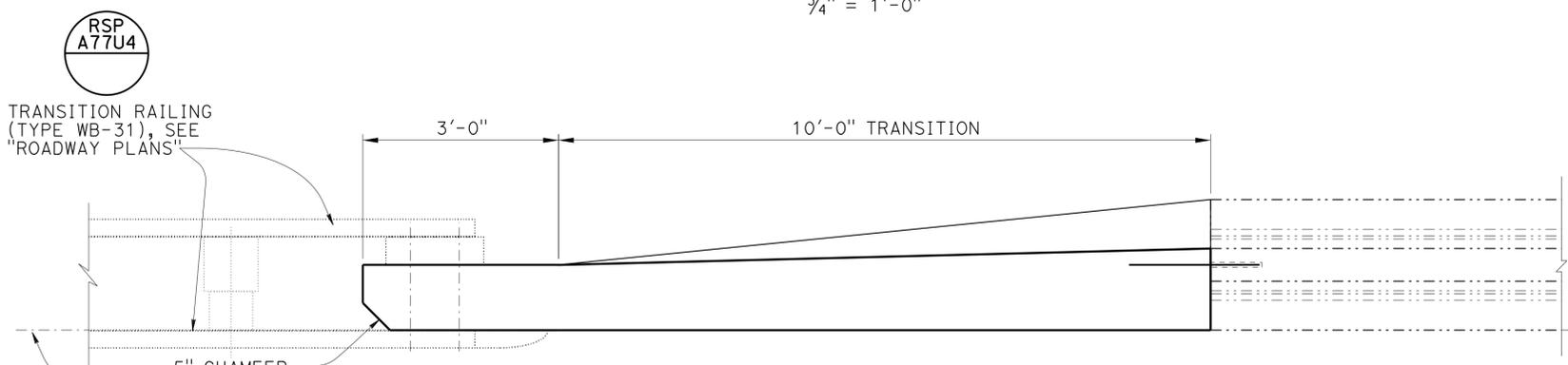


ELEVATION
 $\frac{3}{4}'' = 1'-0''$

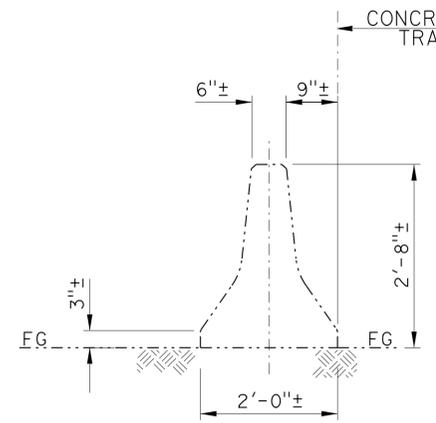


SECTION A-A
 $\frac{3}{4}'' = 1'-0''$

SECTION B-B
 $\frac{3}{4}'' = 1'-0''$



PLAN
 $\frac{3}{4}'' = 1'-0''$

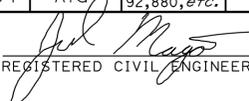


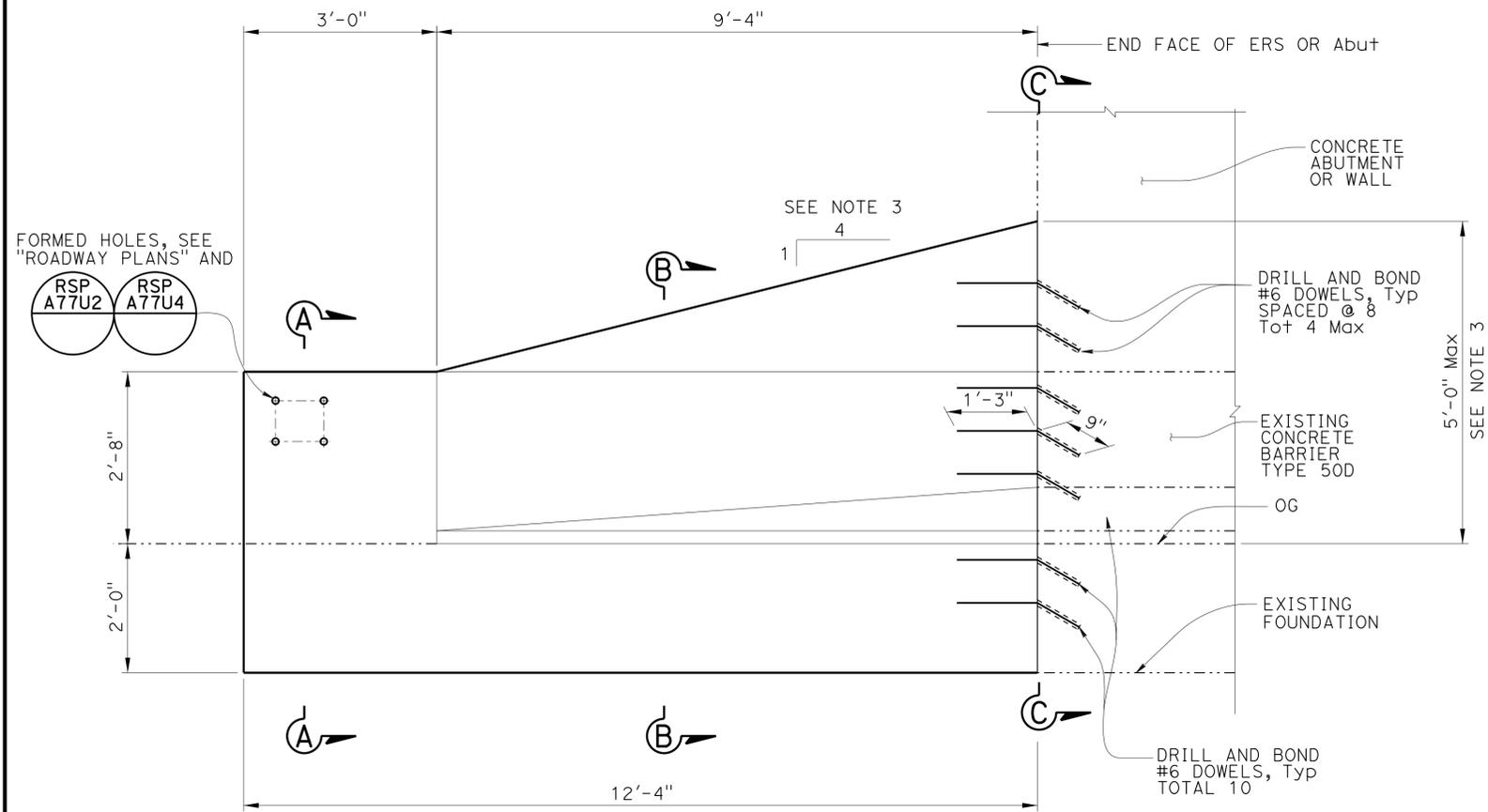
SECTION C-C
 $\frac{3}{4}'' = 1'-0''$

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

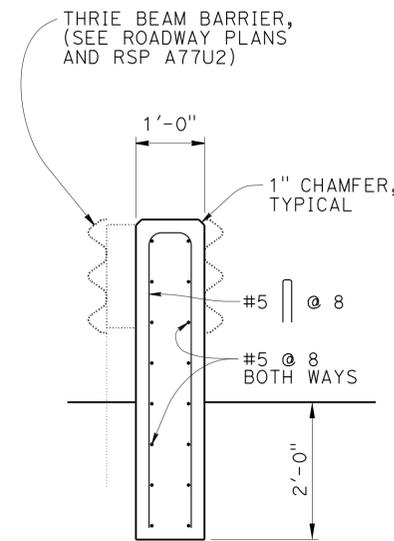
BRANCH CHIEF DAVID NEUMANN	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES DESIGN AND TECHNICAL SERVICES SPECIAL DESIGNS BRANCH B	BRIDGE NO.	CONCRETE BARRIER TRANSITIONS CONCRETE BARRIER TYPE 50 (Mod)
	DETAILS	BY P C WELLS	CHECKED JOEL MAGANA			VARIABLES	
	QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ			VARIABLES	
(ENGLISH) SPECIAL DESIGNS BRANCH BORDER SHEET (REV. 7-1-09)				ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT: 3619 PROJECT NUMBER & PHASE: 0414000051	CONTRACT NO.: 04-265014	DISREGARD PRINTS BEARING EARLIER REVISION DATES
						REVISION DATES	SHEET 13 OF 25

DATE PLOTTED => 16-JUL-2015 USERNAME => s129144 FILE => 04-2g5014-un-misc-df11.dgn

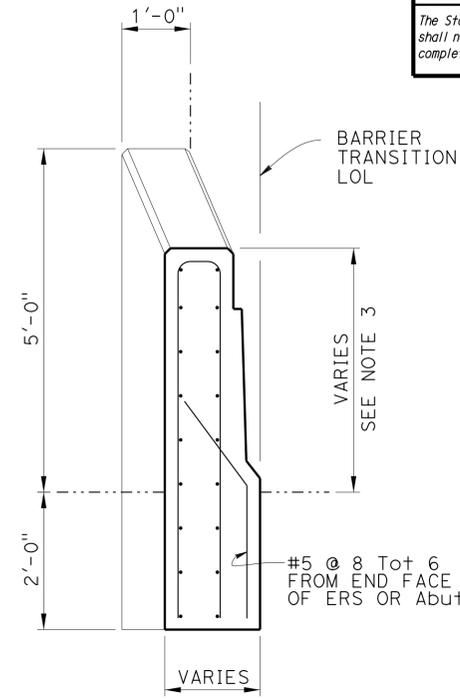
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	115	126
 REGISTERED CIVIL ENGINEER DATE 1-30-15					
PLANS APPROVAL DATE 4-27-15 <i>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.</i>					



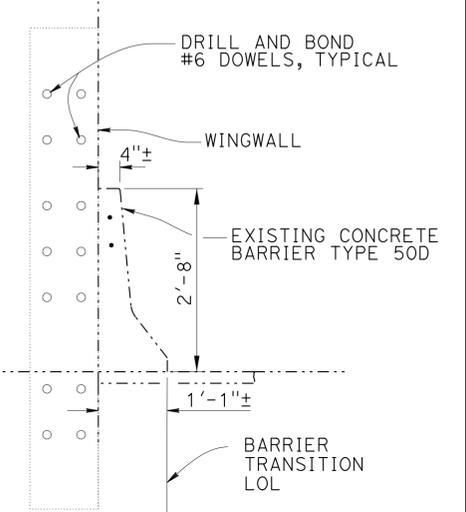
ELEVATION
NO SCALE



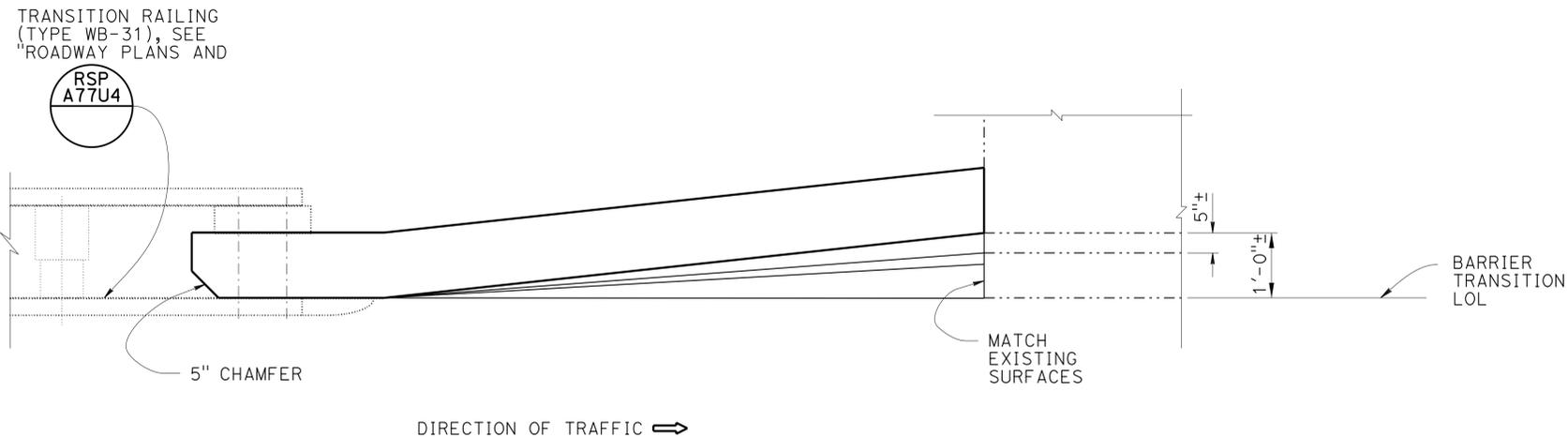
SECTION A-A
NO SCALE



SECTION B-B
NO SCALE



SECTION C-C
NO SCALE



PLAN
NO SCALE

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

NOTES:

1. See "Location Table" sheets and "Roadway Plans" for work locations.
2. Holes used for fastening existing MBGR must be mortar filled, unless holes were cast using pipe sleeves.
3. Limit height of transition to the maximum of 5'-0" or the height of Earth Retaining Structure (ERS), at the end face. Some conditions may not require a 4:1 slope where the ERS at the end face is limited to 2'-8".

LEGEND:

- Indicates existing structure
- Indicates new construction

BRANCH CHIEF DAVID NEUMANN

DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ
DETAILS	BY P C WELLS	CHECKED JOEL MAGANA
QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
DESIGN AND TECHNICAL SERVICES
SPECIAL DESIGNS BRANCH

BRIDGE NO.	VARIES
POST MILE	VARIES

CONCRETE BARRIER TRANSITIONS
CONCRETE BARRIER TYPE 50D

(ENGLISH) SPECIAL DESIGNS BRANCH BORDER SHEET (REV. 7-1-09)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: 3619 PROJECT NUMBER & PHASE: 04140000051 CONTRACT NO.: 04-265014

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES	SHEET	OF
6/26/14 1/17/15 7/24/14	14	25

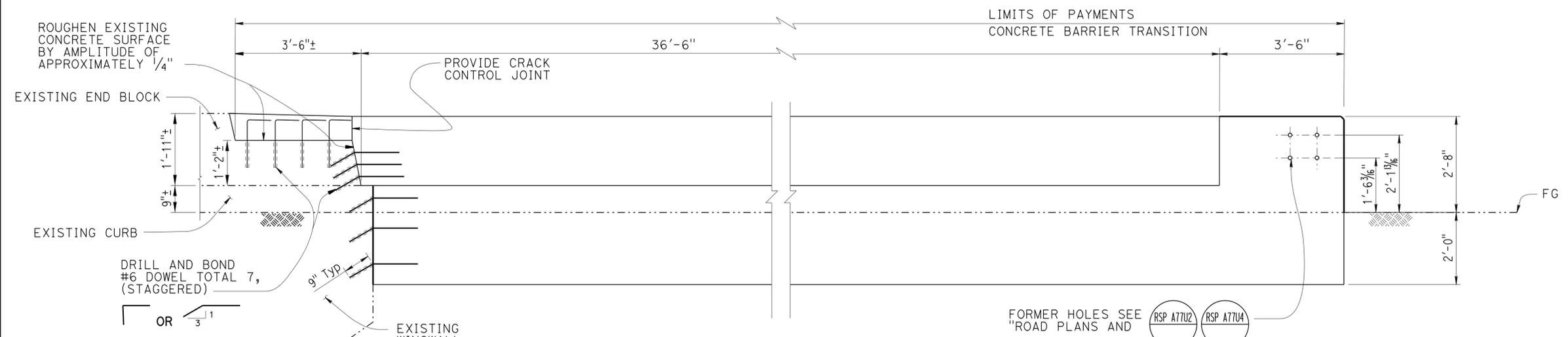
FILE => 04-2g5014-un-misc-dt12.dgn

USERNAME => s129144 DATE PLOTTED => 16-JUL-2015 TIME PLOTTED => 11:10

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	116	126

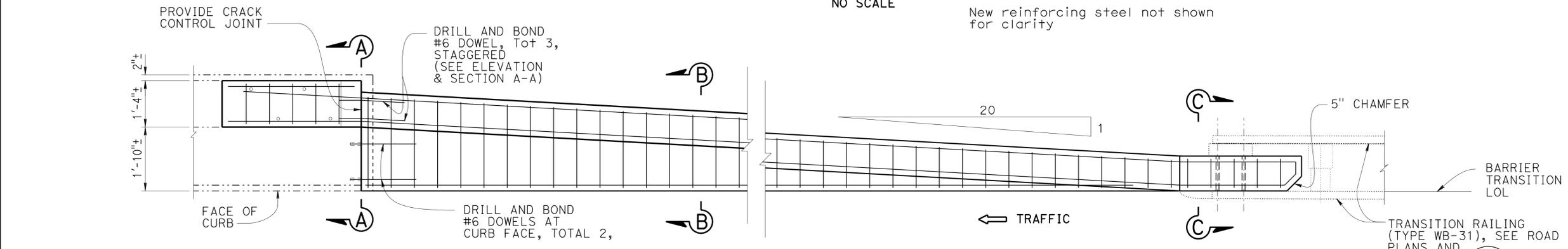
1-30-15
 REGISTERED CIVIL ENGINEER DATE
 4-27-15
 PLANS APPROVAL DATE
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JOEL MAGANA
 REGISTERED PROFESSIONAL ENGINEER
 No. C61500
 Exp. 6/30/17
 CIVIL
 STATE OF CALIFORNIA



ELEVATION
NO SCALE

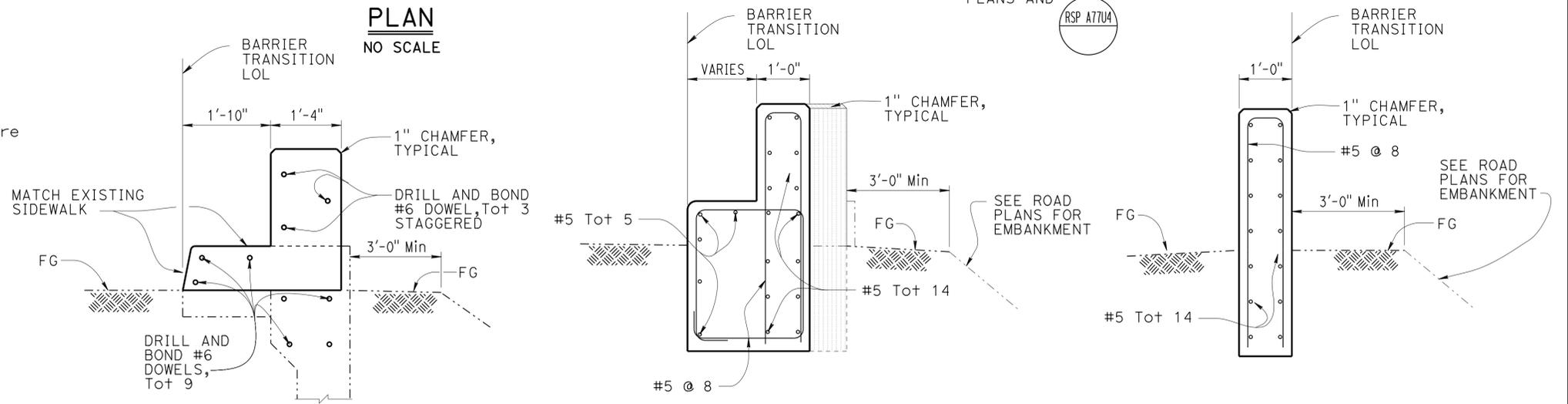
NOTE:
New reinforcing steel not shown for clarity



PLAN
NO SCALE

- NOTES:
- See "Location Table" sheets and "Roadway Plans" for work locations.
 - Holes used for fastening existing MBGR must be mortar filled, unless holes were cast using pipe sleeves.
 - Existing barrier heights vary. Where existing barrier height is more than 2'-8", transition barrier height to 2'-8" @ 4:1 slope.
 - Minimum 2" cover, typical.
 - All reinforcing steel to be epoxy coated.

LEGEND:
 - - - - - Indicates existing structure
 _____ Indicates new construction



SECTION A-A
NO SCALE

SECTION B-B
NO SCALE

SECTION C-C
NO SCALE

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

BRANCH CHIEF	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ
	DETAILS	BY B EDWARDS	CHECKED JOEL MAGANA
	QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ

DAVID NEUMANN

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
DESIGN AND TECHNICAL SERVICES
SPECIAL DESIGNS BRANCH **B**

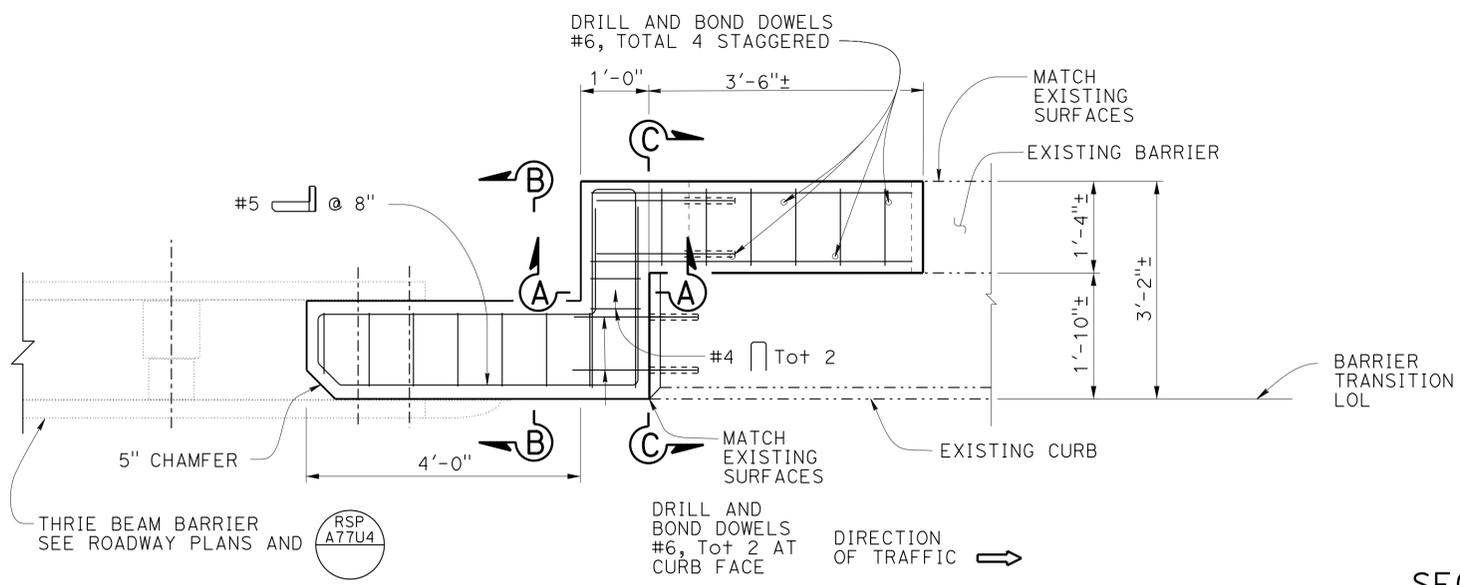
BRIDGE NO.	33-0190F
POST MILE	4.45

W80 - S13 CONNECTOR OC
CONCRETE BARRIER TRANSITIONS
CONCRETE BALUSTER BARRIER (RIGHT APPROACH)

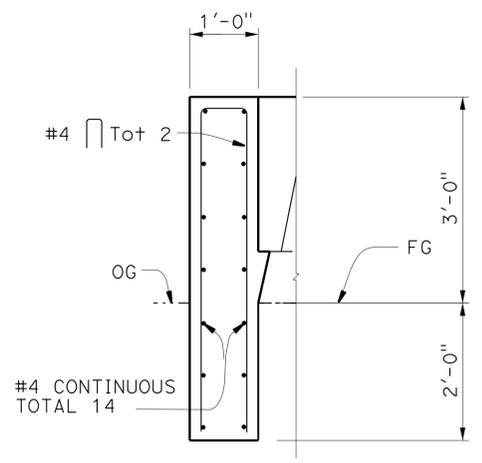
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	117	126

1-30-15
 REGISTERED CIVIL ENGINEER DATE
 4-27-15
 PLANS APPROVAL DATE
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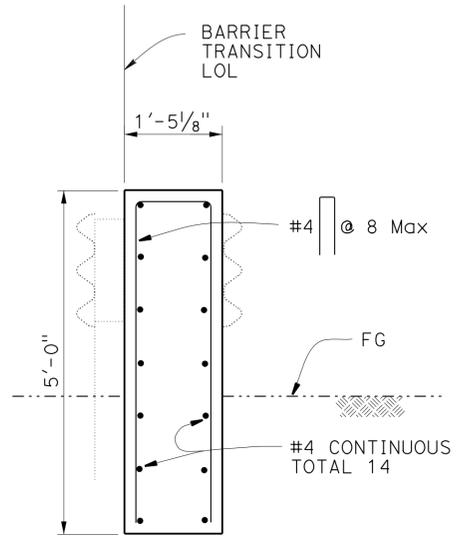
JOEL MAGANA
 REGISTERED PROFESSIONAL ENGINEER
 No. C61500
 Exp. 6/30/17
 CIVIL
 STATE OF CALIFORNIA



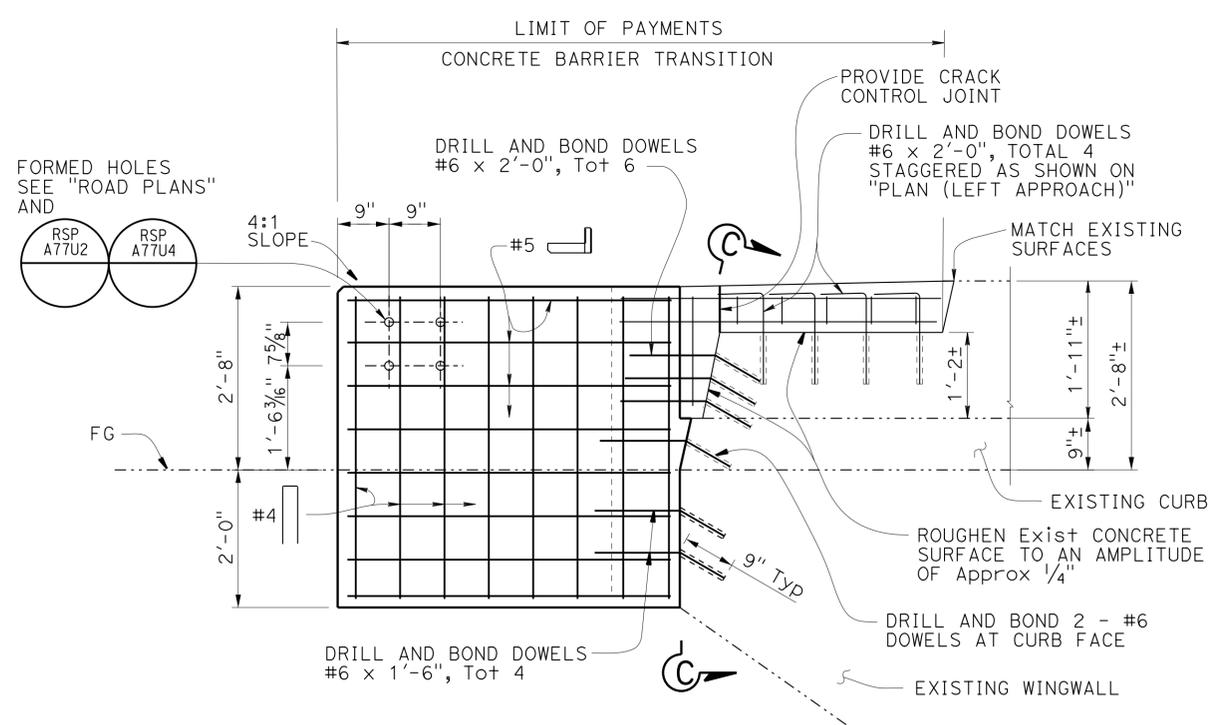
PLAN (LEFT APPROACH)
NO SCALE



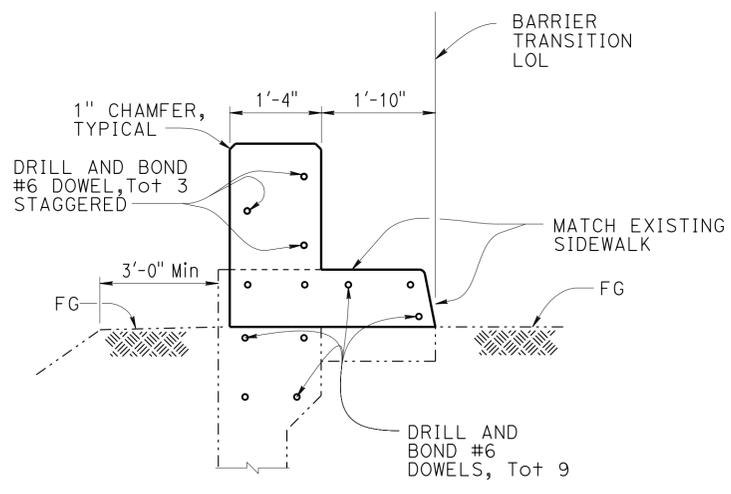
SECTION A-A (LEFT APPROACH)
NO SCALE



SECTION B-B
3/4" = 1'-0"



ELEVATION
NO SCALE



SECTION C-C
NO SCALE

NOTES:

1. See "Location Table" sheets and "Roadway Plans" for work locations.
2. Holes used for fastening existing MBGR must be mortar filled, unless holes were cast using pipe sleeves.
3. Existing barrier heights vary. Where existing barrier height is more than 2'-8", transition barrier height to 2'-8" @ 4:1 slope.
5. Minimum 2" cover, typical.
6. All reinforcing steel to be epoxy coated.

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

NOTE:
Right approach is mirrored.

BRANCH CHIEF DAVID NEUMANN

DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ
DETAILS	BY B EDWARDS	CHECKED JOEL MAGANA
QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
DESIGN AND TECHNICAL SERVICES
SPECIAL DESIGNS BRANCH B

BRIDGE NO.	33-0190F
POST MILE	4.45

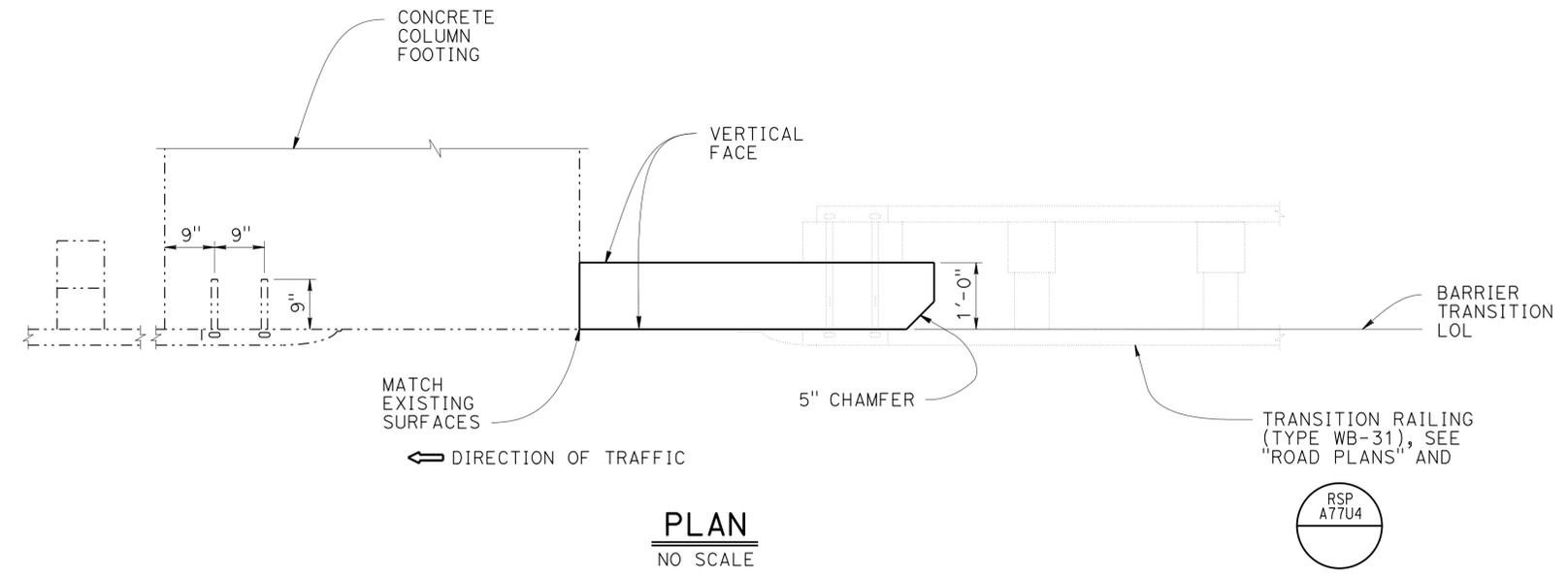
W80-S13 CONNECTOR OC
CONCRETE BARRIER TRANSITIONS
CONCRETE BALUSTER BARRIER (LEFT APPROACH)

USERNAME => s129144 DATE PLOTTED => 16-JUL-2015 TIME PLOTTED => 11:10

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	118	126

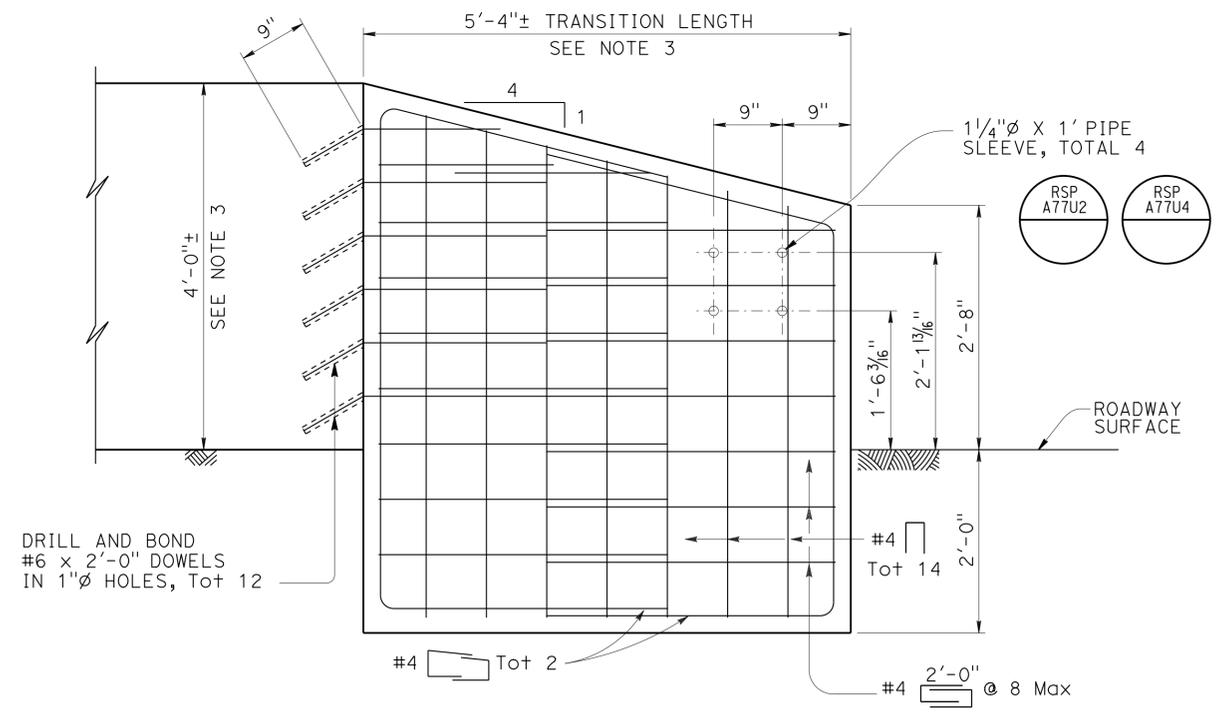
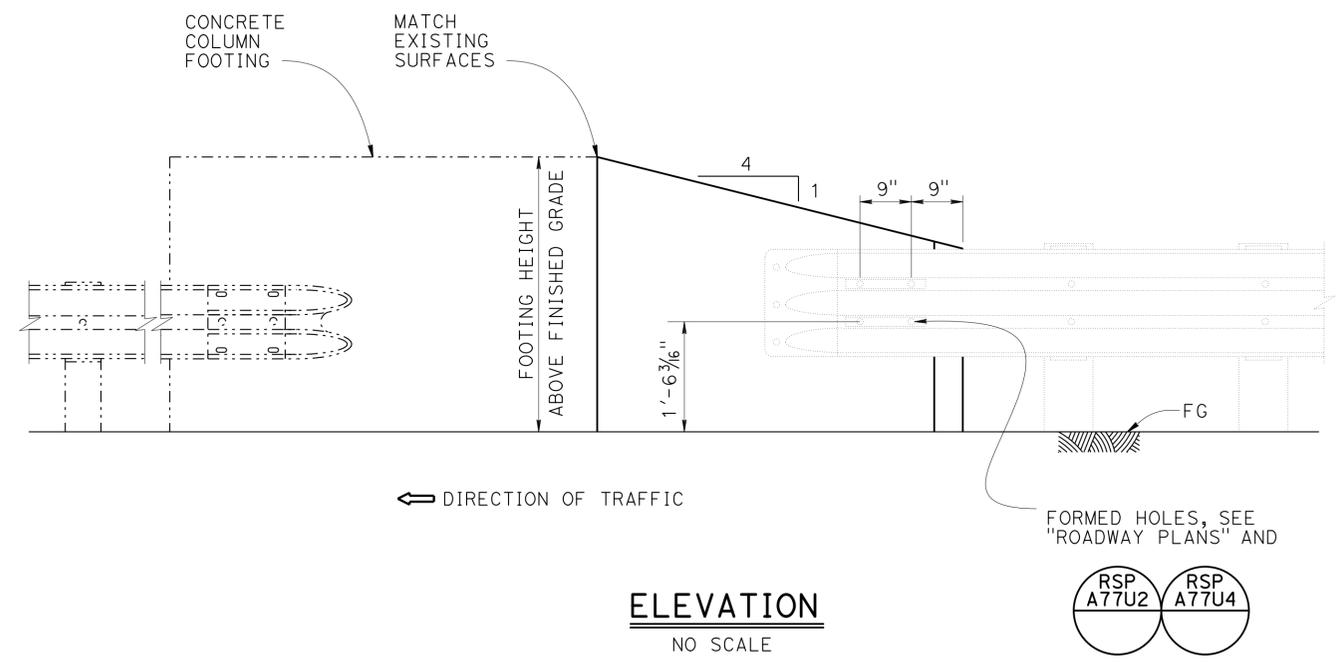
1-30-15
 REGISTERED CIVIL ENGINEER DATE
 4-27-15
 PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER
 JOEL MAGANA
 No. C61500
 Exp. 6/30/17
 CIVIL
 STATE OF CALIFORNIA



NOTES:

1. See "Location Table" sheets and "Roadway Plans" for work locations.
2. Holes used for fastening existing MBGR must be mortar filled, unless holes were cast using pipe sleeves.
3. Existing footing heights above finished grade vary. Where existing height is more than 2'-8", transition barrier height to 2'-8" @ 4:1 slope. Transition length is dependent on the footing height above finished grade which needs to be field verified.
4. Refer to RSP A77U3 for details not shown.



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

BRANCH CHIEF DAVID NEUMANN	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES DESIGN AND TECHNICAL SERVICES SPECIAL DESIGNS BRANCH B	BRIDGE NO.	CONCRETE BARRIER TRANSITIONS COLUMN FOOTING (FIXED OBJECT)	
	DETAILS	BY B EDWARDS	CHECKED JOEL MAGANA			VARIABLES		
	QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ			VARIABLES		
(ENGLISH) SPECIAL DESIGNS BRANCH BORDER SHEET (REV. 7-1-09)		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		0 1 2 3	UNIT: 3619 PROJECT NUMBER & PHASE: 0414000051	CONTRACT NO.: 04-265014	DISREGARD PRINTS BEARING EARLIER REVISION DATES	
							REVISION DATES	SHEET 17 OF 25

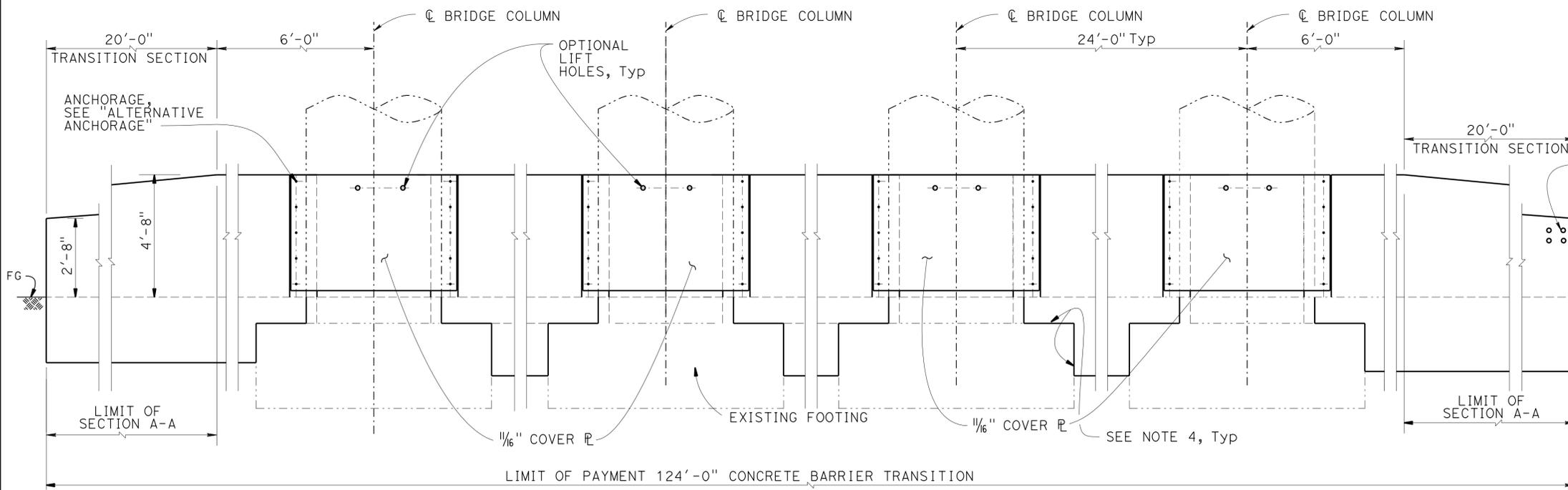
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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	119	126

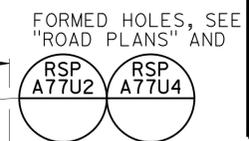
1-30-15
REGISTERED CIVIL ENGINEER DATE
4-27-15
PLANS APPROVAL DATE

JOEL MAGANA
REGISTERED PROFESSIONAL ENGINEER
No. C61500
Exp. 6/30/17
CIVIL
STATE OF CALIFORNIA

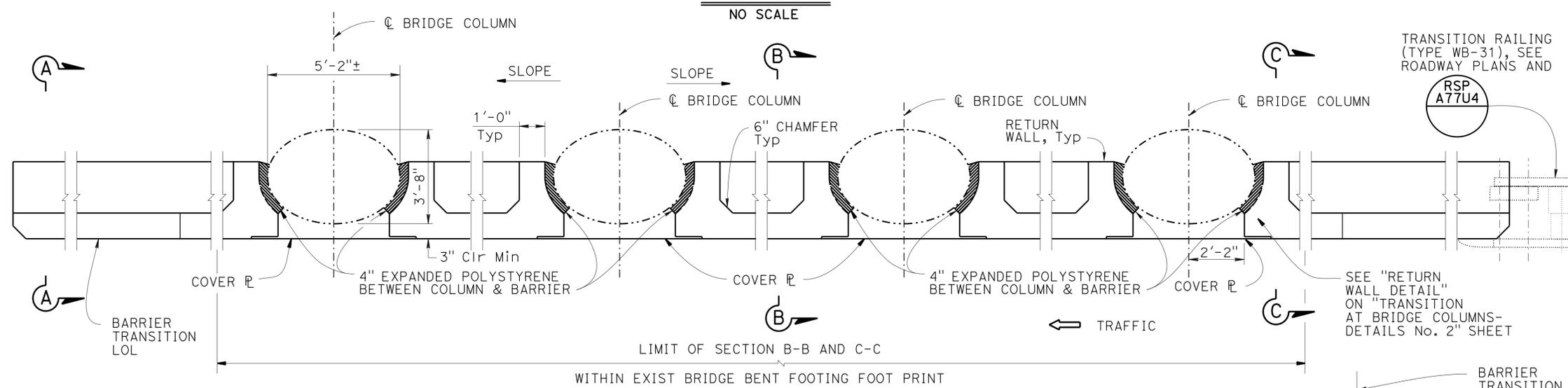
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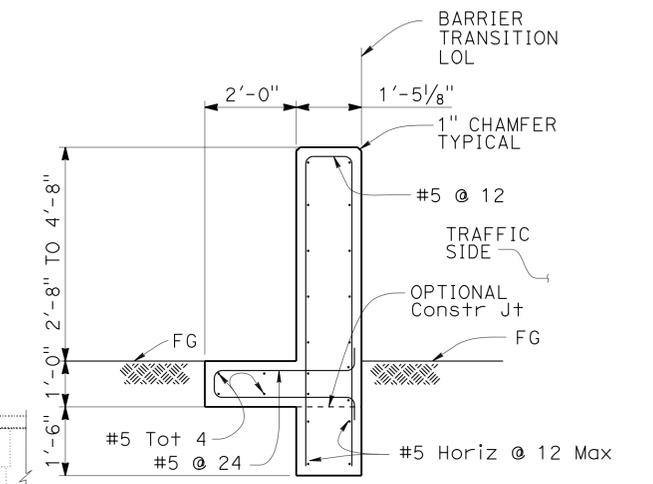
ELEVATION
NO SCALE



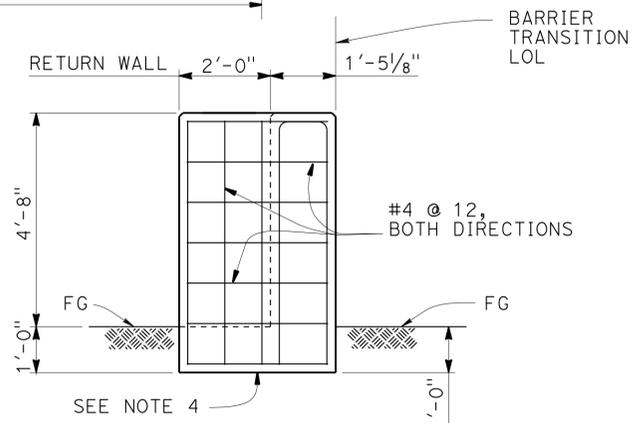
- NOTES:**
1. Install transitions only at NB direction right shoulder, unless otherwise noted on Location Table on "GENERAL PLAN No. 2" sheet.
 2. See "Roadway Plans" for exact alignment of barrier.
 3. All plates & connections shall be galvanized.
 4. Where existing bridge footing is encountered, apply bond breaker between bridge footing and new structure. Use 1/8" thick hardboard for bond breaker.
 5. Grade backfill slope behind concrete barrier transition to drain.



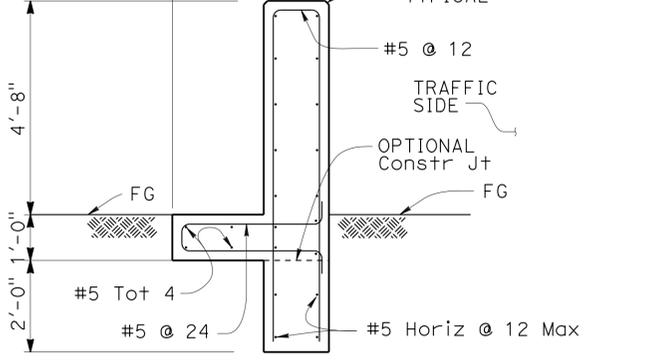
PLAN
NO SCALE



SECTION A-A
NO SCALE



SECTION C-C
NO SCALE



SECTION B-B
NO SCALE

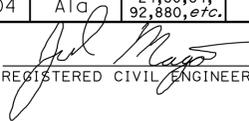
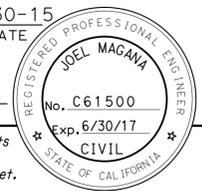
BRIDGE DATA TABLE

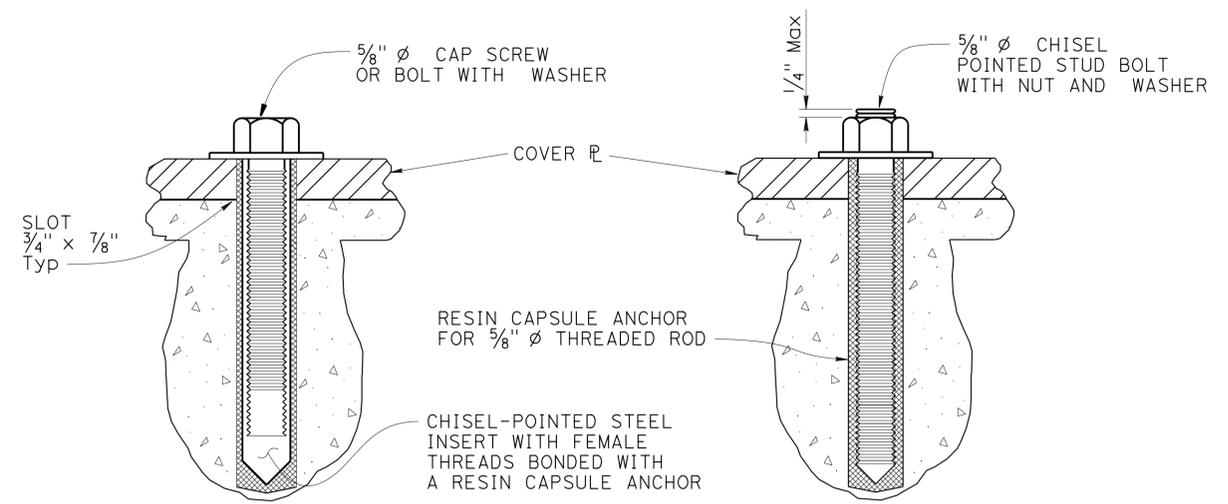
CONCRETE INFILL WALL AND CONCRETE BARRIER TRANSITION APPLICATIONS					
LOCATIONS BRIDGE No.	BRIDGE NAME	COLUMNS PER BENT	COLUMN WIDTH	CLEAR Dist Btwn Col. +/-	Ftg Dim Bynd Col. +/-
33-0398	INDUSTRIAL PARKWAY OC	4	3'-8"±	19'-0"	2'-0"

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

BRANCH CHIEF DAVID NEUMANN	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES DESIGN AND TECHNICAL SERVICES SPECIAL DESIGNS BRANCH B	BRIDGE NO.	33-0398	BRIDGE COLUMN PROTECTION CONCRETE BARRIER TRANSITIONS TRANSITION AT BRIDGE COLUMNS-DETAILS No. 1							
	DETAILS	BY B EDWARDS	CHECKED JOEL MAGANA			POST MILE	14.5								
(ENGLISH) SPECIAL DESIGNS BRANCH BORDER SHEET (REV. 7-1-09)		QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	UNIT: 3619	PROJECT NUMBER & PHASE: 04140000051	CONTRACT NO.: 04-265014	DISREGARD PRINTS BEARING EARLIER REVISION DATES	<table border="1"> <tr> <th>REVISION DATES</th> <th>SHEET</th> <th>OF</th> </tr> <tr> <td>3/8/14 1/17/15 1/14/14 1/23/15</td> <td>18</td> <td>25</td> </tr> </table>	REVISION DATES	SHEET	OF	3/8/14 1/17/15 1/14/14 1/23/15	18	25
REVISION DATES	SHEET	OF													
3/8/14 1/17/15 1/14/14 1/23/15	18	25													

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS: 0 1 2 3
UNIT: 3619
PROJECT NUMBER & PHASE: 04140000051
CONTRACT NO.: 04-265014
DISREGARD PRINTS BEARING EARLIER REVISION DATES

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	120	126
 REGISTERED CIVIL ENGINEER DATE 1-30-15					
PLANS APPROVAL DATE 4-27-15					
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ALTERNATIVE A

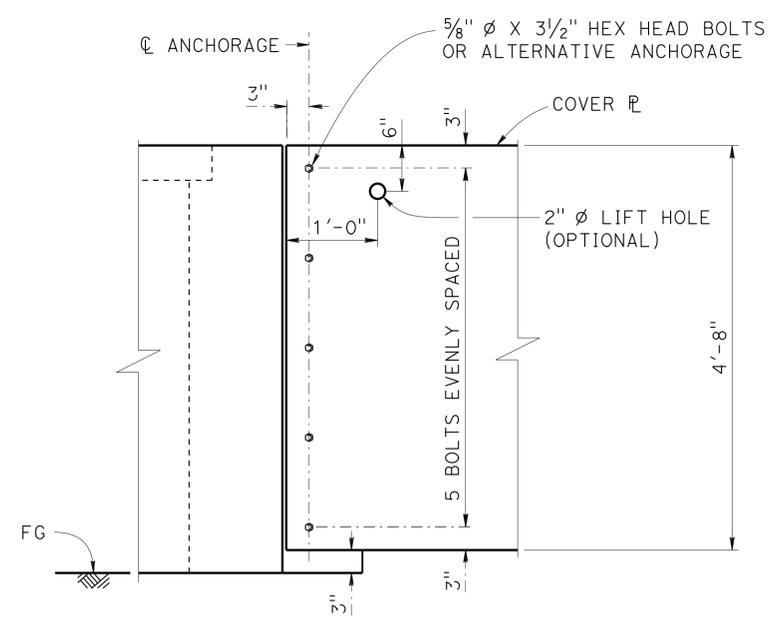
ALTERNATIVE B

ALTERNATIVE ANCHORAGE

NO SCALE

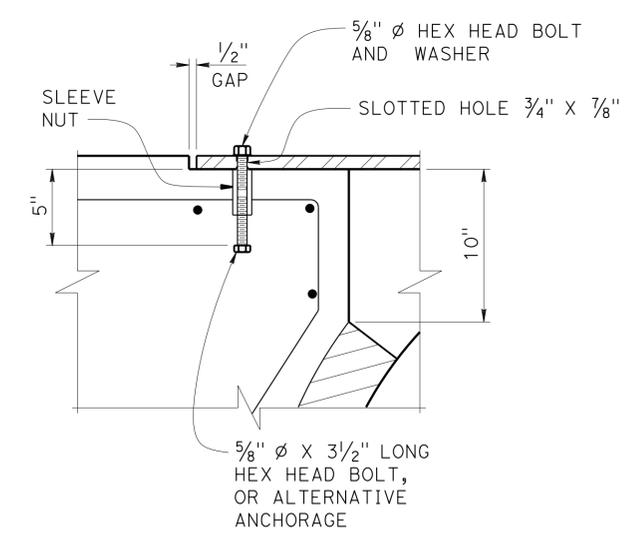
NOTES:

- STRUCTURAL STEEL:
fy = 50,000 psi unless otherwise noted.
- All plates and connections must be galvanized.



DETAIL A

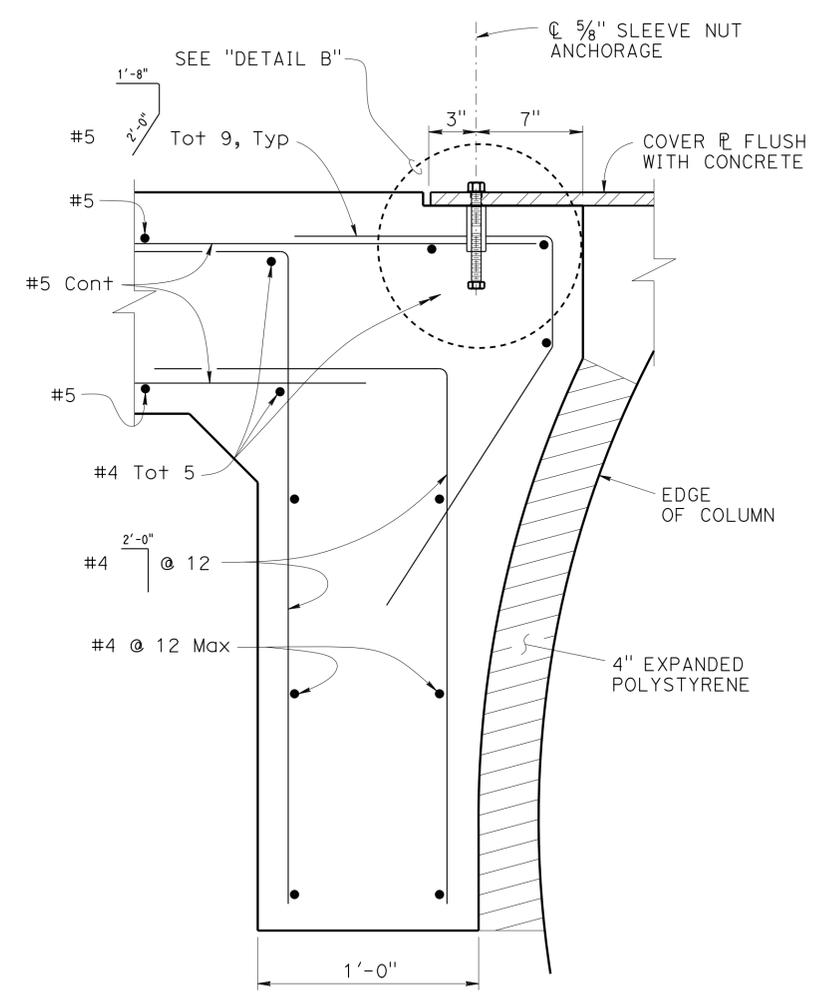
1" = 1'-0"



DETAIL B

NO SCALE

ANCHORAGE AT PLATE DETAILS



RETURN WALL DETAIL

NO SCALE

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

BRANCH CHIEF DAVID NEUMANN

DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ
DETAILS	BY BOB HUDDLESTON	CHECKED JOEL MAGANA
QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
DESIGN AND TECHNICAL SERVICES
SPECIAL DESIGNS BRANCH B

BRIDGE NO.	33-0398
POST MILE	14.5

BRIDGE COLUMN PROTECTION
CONCRETE BARRIER TRANSITIONS
TRANSITION AT BRIDGE COLUMNS-DETAILS No. 2

(ENGLISH) SPECIAL DESIGNS BRANCH BORDER SHEET (REV. 7-1-09)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: 3619
PROJECT NUMBER & PHASE: 04140000051
CONTRACT NO.: 04-265014

DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET	OF
	5/28/14 1/7/15 7/7/14 1/7/15	19	25

FILE => 04-2g5014-un-misc-df17.dgn

USERNAME => s129144 DATE PLOTTED => 16-JUL-2015 TIME PLOTTED => 11:11

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Alameda	24,80,84, 92,880, etc.	Var	121	126

1-30-15
REGISTERED CIVIL ENGINEER DATE
4-27-15
PLANS APPROVAL DATE

JOEL MAGANA
No. C61500
Exp. 6/30/17
CIVIL
STATE OF CALIFORNIA

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COLUMN FOOTING (FIXED OBJECT) (ALAMEDA ROUTE 24)										
BRIDGE No. OR ERS No.	BRIDGE NAME	ROUTE	POST MILE	DIRECTION	No. OF CONNECTIONS (WB-31)		GENERAL PLAN TYPE	CASE (SEE NOTE)	TRANSITION LENGTH EA (LF)	CONCRETE BARRIER TRANSITION TOTAL LENGTH (LF)
					APPROACH END	DEPARTURE END				
33-0302H	EN-CONNECTION-RAMP (E&W580-E24)	24	1.94	EB LEFT EB RIGHT	1		A		5'-4"	5.3

CONCRETE BARRIERS TYPE 1 & TYPE 1 OVER DI (ALAMEDA ROUTE 24)										
BRIDGE No. OR ERS No.	BRIDGE NAME	ROUTE	POST MILE	DIRECTION	No. OF CONNECTIONS (WB-31)		GENERAL PLAN TYPE	CASE (SEE NOTE)	TRANSITION LENGTH EA (LF)	CONCRETE BARRIER TRANSITION TOTAL LENGTH (LF)
					APPROACH END	DEPARTURE END				
33-0358R	MACARTHUR BOULEVARD UC	24	2.02	EB LEFT EB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0359S	40TH STREET UC	24	2.2	EB LEFT EB RIGHT	1		A	CASE 1	3'-6"	7.0
33-0359K	40TH STREET UC	24	2.2	WB LEFT WB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0359R	40TH STREET UC	24	2.2	EB LEFT EB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0305F	RTE 24/580/980 INTERCHANGE OVER 40TH STREET UC	24	2.2	WB LEFT WB RIGHT	1		A	CASE 1 CASE 3	3'-6" 9'-1'	3.5 9.1
33-0359L	40TH STREET UC	24	2.2	WB LEFT WB RIGHT	1		A	CASE 3	8'-10"	8.83
33-0363K	42ND STREET UC	24	2.33	WB LEFT WB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0363L	42ND STREET UC	24	2.33	WB LEFT WB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0363R	42ND STREET UC	24	2.33	EB LEFT EB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0363S	42ND STREET UC	24	2.33	EB LEFT EB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0364L	45TH STREET UC	24	2.47	WB LEFT WB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0364R	45TH STREET UC	24	2.47	EB LEFT EB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0364S	45TH STREET UC	24	2.47	WB LEFT EB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0364K	45TH STREET UC	24	2.47	EB LEFT WB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0365R	MARTIN LUTHER KING JR DRIVE UC	24	2.59	EB LEFT EB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0365L	MARTIN LUTHER KING JR DRIVE UC	24	2.59	WB LEFT WB RIGHT	1		A	CASE 1	3'-6"	3.5

CONCRETE BARRIERS TYPE 1, & TYPE 1 OVER DI (ALAMEDA ROUTE 24)										
BRIDGE No. OR ERS No.	BRIDGE NAME	ROUTE	POST MILE	DIRECTION	No. OF CONNECTIONS (WB-31)		GENERAL PLAN TYPE	CASE (SEE NOTE)	TRANSITION LENGTH EA (LF)	CONCRETE BARRIER TRANSITION TOTAL LENGTH (LF)
					APPROACH END	DEPARTURE END				
33-0365K	MARTIN LUTHER KING JR DRIVE UC	24	2.59	WB LEFT WB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0416L	52ND STREET UC	24	2.77	WB LEFT WB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0416R	52ND STREET UC	24	2.77	EB LEFT EB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0411R	SHATLUCK AVENUE UC	24	2.9	EB LEFT EB RIGHT	1		A	CASE 1	3'-6"	3.5
NOT A BRIDGE	N/A-LIKELY THE TYPE 1 BARRIER IS IN A TRENCH FOOTING	24	3.27	WB LEFT WB RIGHT	1		-	CASE 3	8'-5"	8.4
33-0414R	CLAREMONT AVENUE UC	24	3.3	EB LEFT EB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0414L	CLAREMONT AVENUE UC	24	3.3	WB LEFT WB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0414K	CLAREMONT AVENUE UC	24	3.38	WB LEFT WB RIGHT	1		A	CASE 1	3'-6"	7.0
33-0417R	COLLEGE AVENUE UC	24	3.54	EB LEFT EB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0418L	PRESLEY WAY UC	24	3.97	WB LEFT WB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0419R	PATTON STREET UC	24	4.15	EB LEFT EB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0419L	PATTON STREET UC	24	4.15	WB LEFT WB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0419K	PATTON STREET UC	24	4.21	WB LEFT WB RIGHT	1		A	CASE 1	3'-6"	7.0
33-0420R	GOLDEN GATE AVENUE UC	24	4.44	EB LEFT EB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0420L	GOLDEN GATE AVENUE UC	24	4.44	WB LEFT WB RIGHT	1		A	CASE 1	3'-6"	7.0

NOTE:
For construction details of barrier transitions lengths identified in these location tables, refer to the specific barrier type sheet in each table description.

BRANCH CHIEF <u>DAVID NEUMANN</u>	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES DESIGN AND TECHNICAL SERVICES SPECIAL DESIGNS BRANCH B	BRIDGE NO.	CONCRETE BARRIER TRANSITIONS LOCATION TABLE-ROUTE 24
	DETAILS	BY B EDWARDS	CHECKED JOEL MAGANA			VARIES	
	QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ			POST MILE	

(ENGLISH) SPECIAL DESIGNS BRANCH BORDER SHEET (REV. 7-1-09)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS: 0 1 2 3

UNIT: 3619
PROJECT NUMBER & PHASE: 04140000051 CONTRACT NO.: 04-265014

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES	SHEET	OF
8/26/14 1/7/15 7/7/14 9/23/14	20	25

FILE => 04-2g5014-un-misc-df18.dgn

USERNAME => s129144 DATE PLOTTED => 16-JUL-2015 TIME PLOTTED => 11:11

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	122	126

1-30-15
 REGISTERED CIVIL ENGINEER DATE
 4-27-15
 PLANS APPROVAL DATE

No. C61500
 Exp. 6/30/17
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 STATE OF CALIFORNIA

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CONCRETE BALUSTER BARRIER (ALAMEDA ROUTE 80)										
BRIDGE No. OR ERS No.	BRIDGE NAME	ROUTE	POST MILE	DIRECTION	No. OF CONNECTIONS (WB-31)		GENERAL PLAN TYPE (SEE NOTE)	CASE (SEE NOTE)	TRANSITION LENGTH EA (LF)	CONCRETE BARRIER TRANSITION TOTAL LENGTH (LF)
					APPROACH END	DEPARTURE END				
33-0190F	W80-S13 CONNECTOR OC	80	4.45	WB LEFT	1		A	-	8'-6"	8.5
33-0190F	W80-S13 CONNECTOR OC	80	4.45	WB RIGHT	1		A	-	43'-6"	43.5

CONCRETE BARRIER TYPE 50D (ALAMEDA ROUTE 80)										
BRIDGE No. OR ERS No.	BRIDGE NAME	ROUTE	POST MILE	DIRECTION	No. OF CONNECTIONS (WB-31)		GENERAL PLAN TYPE (SEE NOTE)	CASE (SEE NOTE)	TRANSITION LENGTH EA (LF)	CONCRETE BARRIER TRANSITION TOTAL LENGTH (LF)
					APPROACH END	DEPARTURE END				
33-0023	UNIVERSITY AVENUE OC ABUTMENT No. 1B OFF-RAMP WALL	80	5.82	EB RIGHT	1		-	-	12'-4"	12.3

NOTE:
 For construction details of barrier transition lengths identified in these location tables, refer to the specific barrier type sheet in each table description.

BRANCH CHIEF <u>DAVID NEUMANN</u>	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES DESIGN AND TECHNICAL SERVICES SPECIAL DESIGNS BRANCH	BRIDGE NO.	CONCRETE BARRIER TRANSITIONS LOCATION TABLES ROUTE 80
	DETAILS	BY B EDWARDS	CHECKED JOEL MAGANA			VARIES	
	QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ			VARIES	

(ENGLISH) SPECIAL DESIGNS BRANCH BORDER SHEET (REV. 7-1-09) ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3 UNIT: 3619 PROJECT NUMBER & PHASE: 04140000051 CONTRACT NO.: 04-265014 DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES	SHEET	OF
3/8/14 1/7/15 1/7/15 1/7/15	21	25

FILE => 04-2g5014-un-misc-dt19.dgn

USERNAME => s129144 DATE PLOTTED => 16-JUL-2015 TIME PLOTTED => 11:11

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	123	126

1-30-15
 REGISTERED CIVIL ENGINEER DATE
 4-27-15
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No. C61500
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CONCRETE BARRIER TYPE 27 (Mod) (ALAMEDA ROUTE 84)										
BRIDGE No. OR ERS No.	BRIDGE NAME	ROUTE	POST MILE	DIRECTION	No. OF CONNECTIONS (WB-31)		GENERAL PLAN TYPE (SEE NOTE)	CASE (SEE NOTE)	TRANSITION LENGTH EA (LF)	CONCRETE BARRIER TRANSITION TOTAL LENGTH (LF)
					APPROACH END	DEPARTURE END				
33-0512M	NEWARK SEAL SLAB	84	5.33	WB RIGHT	1		-	CASE 2	5'-0"	10.0
				EB RIGHT	1					

NOTE:

For construction details of barrier transitions lengths identified in these location tables, refer to the specific barrier type sheet in each table description.

BRANCH CHIEF <u>DAVID NEUMANN</u>	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES DESIGN AND TECHNICAL SERVICES SPECIAL DESIGNS BRANCH	BRIDGE NO.	VARIES	CONCRETE BARRIER TRANSITIONS LOCATION TABLE-ROUTE 84
	DETAILS	BY B EDWARDS	CHECKED JOEL MAGANA			POST MILE	VARIES	
	QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ			VARIES		

(ENGLISH) SPECIAL DESIGNS BRANCH BORDER SHEET (REV. 7-1-09)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS: 0 1 2 3

UNIT: 3619
 PROJECT NUMBER & PHASE: 0414000051
 CONTRACT NO.: 04-265014

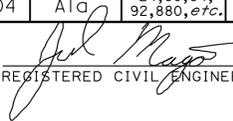
DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES	SHEET	OF
6/25/14 1/17/15 7/24/14 7/24/14	22	25

FILE => 04-2g5014-un-misc-df20.dgn

USERNAME => s129144 DATE PLOTTED => 16-JUL-2015

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	124	126

 1-30-15
 REGISTERED CIVIL ENGINEER DATE

4-27-15
 PLANS APPROVAL DATE

No. C61500
 Exp. 6/30/17
 CIVIL
 STATE OF CALIFORNIA

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CONCRETE BARRIER TYPE 27 WITH SOUNDWALL (ALAMEDA ROUTE 92)										
BRIDGE No. OR ERS No.	BRIDGE NAME	ROUTE	POST MILE	DIRECTION	No. OF CONNECTIONS (WB-31)		GENERAL PLAN TYPE (SEE NOTE)	CASE (SEE NOTE)	TRANSITION LENGTH EA (LF)	CONCRETE BARRIER TRANSITION TOTAL LENGTH (LF)
					APPROACH END	DEPARTURE END				
NOT A BRIDGE	92 WB APPROACHING INDUSTRIAL BLVD AT SOUNDWALL	92	5.25	WB RIGHT	1		-	-	9'-4"	9.3

NOTE:

For construction details of barrier transitions lengths identified in these location tables, refer to the specific barrier type sheet in each table description.

BRANCH CHIEF <u>DAVID NEUMANN</u>	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES DESIGN AND TECHNICAL SERVICES SPECIAL DESIGNS BRANCH B	BRIDGE NO.	VARIES	CONCRETE BARRIER TRANSITIONS LOCATION TABLE - ROUTE 92
	DETAILS	BY B EDWARDS	CHECKED JOEL MAGANA			POST MILE	VARIES	
	QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ					

(ENGLISH) SPECIAL DESIGNS BRANCH BORDER SHEET (REV. 7-1-09)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS: 0 1 2 3

UNIT: 3619
 PROJECT NUMBER & PHASE: 04140000051
 CONTRACT NO.: 04-265014

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES				SHEET	OF
6/26/14	1/7/15	7/7/14	9/8/14	23	25

FILE => 04-2g5014-un-misc-df21.dgn

USERNAME => s129144 DATE PLOTTED => 16-JUL-2015 TIME PLOTTED => 11:11

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	125	126

1-30-15
 REGISTERED CIVIL ENGINEER DATE
 4-27-15
 PLANS APPROVAL DATE

No. C61500
 Exp. 6/30/17
 CIVIL
 STATE OF CALIFORNIA

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CONCRETE BARRIER TYPE 2 (Mod) (ALAMEDA ROUTE 880)										
BRIDGE No. OR ERS No.	BRIDGE NAME	ROUTE	POST MILE	DIRECTION	No. OF CONNECTIONS (WB-31)		GENERAL PLAN TYPE (SEE NOTE)	CASE (SEE NOTE)	TRANSITION LENGTH EA (LF)	CONCRETE BARRIER TRANSITION ANCHOR BLOCK (LF)
					APPROACH END	DEPARTURE END				
33-0200	5TH & 6TH ST VIADUCT ON-RAMP AT BROADWAY	880	31.35	NB RIGHT	1		B	-	5'-0"	5.0

CONCRETE BARRIER TYPE 25 (Mod) (ALAMEDA ROUTE 880)										
BRIDGE No. OR ERS No.	BRIDGE NAME	ROUTE	POST MILE	DIRECTION	No. OF CONNECTIONS (WB-31)		GENERAL PLAN TYPE (SEE NOTE)	CASE (SEE NOTE)	TRANSITION LENGTH EA (LF)	CONCRETE BARRIER TRANSITION ANCHOR BLOCK (LF)
					APPROACH END	DEPARTURE END				
33-0239	ORA LOMA DITCH	880	20.95	NB RIGHT	1		B	-	14'-6"	14.5

CONCRETE BARRIER TYPE 25 WITH SOUNDWALL (ALAMEDA ROUTE 880)										
BRIDGE No. OR ERS No.	BRIDGE NAME	ROUTE	POST MILE	DIRECTION	No. OF CONNECTIONS (WB-31)		GENERAL PLAN TYPE (SEE NOTE)	CASE (SEE NOTE)	TRANSITION LENGTH EA (LF)	CONCRETE BARRIER TRANSITION ANCHOR BLOCK (LF)
					APPROACH END	DEPARTURE END				
NOT A BRIDGE	NB BEGINNING CONNECTOR TO EB 80	880	34.1	NB RIGHT	1		-	-	11'-0"	11.0

CONCRETE BARRIER TYPE 27 (Mod) (ALAMEDA ROUTE 880)										
BRIDGE No. OR ERS No.	BRIDGE NAME	ROUTE	POST MILE	DIRECTION	No. OF CONNECTIONS (WB-31)		GENERAL PLAN TYPE (SEE NOTE)	CASE (SEE NOTE)	TRANSITION LENGTH EA (LF)	CONCRETE BARRIER TRANSITION ANCHOR BLOCK (LF)
					APPROACH END	DEPARTURE END				
NOT A BRIDGE	SB TO WB 84 AT DECOTO RD EXIT RAMP	880	10.44	SB RIGHT	1		-	CASE 2	5'-0"	5.0
NOT A BRIDGE	SB AT UNDERSIDE OF PASEO PADRE PKWY BRIDGE	880	10.93	SB RIGHT	1		-	CASE 2	5'-0"	5.0
NOT A BRIDGE	NB AT ALVARADO BLVD & FREMONT BLVD EXIT RAMP	880	11.31	NB RIGHT	1		-	CASE 1	6'-8"	6.7
NOT A BRIDGE	NB AT 7TH ST OFF-RAMP (RIGHT SIDE)	880	33.27	NB RIGHT	1		-	CASE 2	5'-0"	5.0

CONCRETE BARRIER TYPE 27 WITH SOUNDWALL (ALAMEDA ROUTE 880)										
BRIDGE No. OR ERS No.	BRIDGE NAME	ROUTE	POST MILE	DIRECTION	No. OF CONNECTIONS (WB-31)		GENERAL PLAN TYPE (SEE NOTE)	CASE (SEE NOTE)	TRANSITION LENGTH EA (LF)	CONCRETE BARRIER TRANSITION ANCHOR BLOCK (LF)
					APPROACH END	DEPARTURE END				
NOT A BRIDGE	ON-RAMP FROM EB ALVARADO BLVD TO SB 880	880	11.31	SB RIGHT	1		-	-	9'-4"	9.3

CONCRETE BARRIER TYPE 50 (Mod) (ALAMEDA ROUTE 880)										
BRIDGE No. OR ERS No.	BRIDGE NAME	ROUTE	POST MILE	DIRECTION	No. OF CONNECTIONS (WB-31)		GENERAL PLAN TYPE (SEE NOTE)	CASE (SEE NOTE)	TRANSITION LENGTH EA (LF)	CONCRETE BARRIER TRANSITION ANCHOR BLOCK (LF)
					APPROACH END	DEPARTURE END				
NOT A BRIDGE	NB @ 98TH AVENUE OC ON-RAMP FROM EB 98TH AVENUE	880	24.74	NB LEFT	1		-	-	13'-0"	13.0

CONCRETE BARRIER TYPE 50D (ALAMEDA ROUTE 880)										
BRIDGE No. OR ERS No.	BRIDGE NAME	ROUTE	POST MILE	DIRECTION	No. OF CONNECTIONS (WB-31)		GENERAL PLAN TYPE (SEE NOTE)	CASE (SEE NOTE)	TRANSITION LENGTH EA (LF)	CONCRETE BARRIER TRANSITION ANCHOR BLOCK (LF)
					APPROACH END	DEPARTURE END				
NEAR 33-0398	SB ON-RAMP FROM WB INDUSTRIAL PARKWAY BEFORE BRIDGE	880	14.5	SB RIGHT	1		-	-	12'-4"	12.3

BRIDGE COLUMN PROTECTION (ALAMEDA ROUTE 880)										
BRIDGE No. OR ERS No.	BRIDGE NAME	ROUTE	POST MILE	DIRECTION	No. OF CONNECTIONS (WB-31)		GENERAL PLAN TYPE (SEE NOTE)	CASE (SEE NOTE)	TRANSITION LENGTH EA (LF)	CONCRETE BARRIER TRANSITION ANCHOR BLOCK (LF)
					APPROACH END	DEPARTURE END				
33-0398	INDUSTRIAL PARKWAY OC	880	14.5	NB RIGHT	1		-	-	124'-0"	124.0

NOTE:
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BRANCH CHIEF <u>DAVID NEUMANN</u>	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES DESIGN AND TECHNICAL SERVICES SPECIAL DESIGNS BRANCH	BRIDGE NO.	CONCRETE BARRIER TRANSITIONS LOCATION TABLES-ROUTE 880
	DETAILS	BY B EDWARDS	CHECKED JOEL MAGANA			VARIES	
	QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ			VARIES	

(ENGLISH) SPECIAL DESIGNS BRANCH BORDER SHEET (REV. 7-1-09) ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3 UNIT: 3619 PROJECT NUMBER & PHASE: 0414000051 CONTRACT NO.: 04-265014 DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES SHEET OF 24 25

FILE => 04-2g5014-un-misc-df22.dgn

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	24,80,84, 92,880, etc.	Var	126	126

1-30-15
 REGISTERED CIVIL ENGINEER DATE
 4-27-15
 PLANS APPROVAL DATE

No. C61500
 Exp. 6/30/17
 CIVIL
 STATE OF CALIFORNIA

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CONCRETE BARRIER TYPE 1 & TYPE 1 (Mod) (ALAMEDA ROUTE 980)										
BRIDGE NO. OR ERS NO.	BRIDGE NAME	ROUTE	POST MILE	DIRECTION	No. OF CONNECTIONS (WB-31)		GENERAL PLAN TYPE (SEE NOTE)	CASE (SEE NOTE)	TRANSITION LENGTH EA (LF)	CONCRETE BARRIER TRANSITION TOTAL LENGTH (LF)
					APPROACH END	DEPARTURE END				
33-0421R	27TH STREET UC	980	1.33	EB LEFT	1		A	CASE 2	3'-6"	7.0
				EB RIGHT	1			CASE 1		
33-0421L	27TH STREET UC	980	1.33	WB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0350R	30TH STREET UC	980	1.68	EB RIGHT	1		A	CASE 1	3'-6"	3.5
				EB LEFT	1			CASE 1		
33-0350G	30TH STREET UC	980	1.68	EB LEFT	1		A	CASE 1	3'-6"	3.5
33-0350L	30TH STREET UC	980	1.68	WB RIGHT	1		A	CASE 1	3'-6"	3.5
33-0134J	30TH STREET UC	980	1.68	WB LEFT	1		A	CASE 1	3'-6"	3.5

COLUMN FOOTING (FIXED OBJECT) (ALAMEDA ROUTE 980)										
BRIDGE No. OR ERS No.	BRIDGE NAME	ROUTE	POST MILE	DIRECTION	No. OF CONNECTIONS (WB-31)		GENERAL PLAN TYPE (SEE NOTE)	CASE (SEE NOTE)	TRANSITION LENGTH EA (LF)	CONCRETE BARRIER TRANSITION TOTAL LENGTH (LF)
					APPROACH END	DEPARTURE END				
33-0303H	WS-CONN-RAMP	980	1.96	WB RIGHT	1		-	-	5'-4"	5.3

NOTE:
 For construction details of barrier transitions lengths identified in these location tables, refer to the specific barrier type sheet in each table description.

BRANCH CHIEF DAVID NEUMANN	DESIGN	BY JOEL MAGANA	CHECKED VICTOR LOPEZ	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES DESIGN AND TECHNICAL SERVICES SPECIAL DESIGNS BRANCH	BRIDGE NO.	VARIABLES	CONCRETE BARRIER TRANSITIONS LOCATION TABLES-ROUTE 980
	DETAILS	BY B EDWARDS	CHECKED JOEL MAGANA			POST MILE	VARIABLES	
	QUANTITIES	BY JOEL MAGANA	CHECKED VICTOR LOPEZ			VARIES		

(ENGLISH) SPECIAL DESIGNS BRANCH BORDER SHEET (REV. 7-1-09)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS: 0 1 2 3

UNIT: 3619
 PROJECT NUMBER & PHASE: 04140000051 CONTRACT NO.: 04-265014

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES	SHEET	OF
6/26/14 1/7/15 7/7/14 3/7/14	25	25

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