

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
				X	
REGISTERED CIVIL ENGINEER			DATE	X	
PLANS APPROVAL DATE			X		
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 REGISTERED CIVIL ENGINEER FOR THE PROJECT IS RESPONSIBLE FOR THE SELECTION AND PROPER APPLICATION OF THE COMPONENT DESIGN AND ANY MODIFICATIONS SHOWN.					

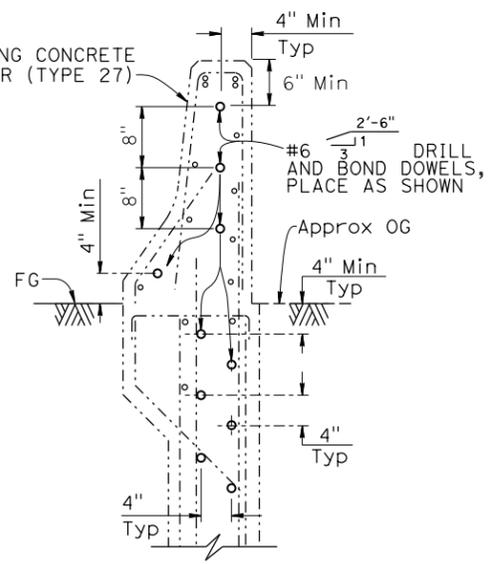
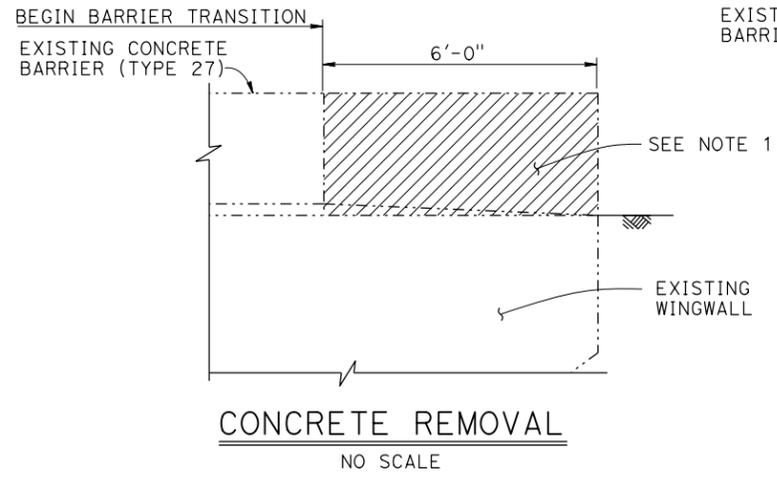
GENERAL NOTES LOAD AND RESISTANCE FACTOR DESIGN

DESIGN:
AASHTO LRFD Bridge Design Specifications, 8th Edition with California Amendments

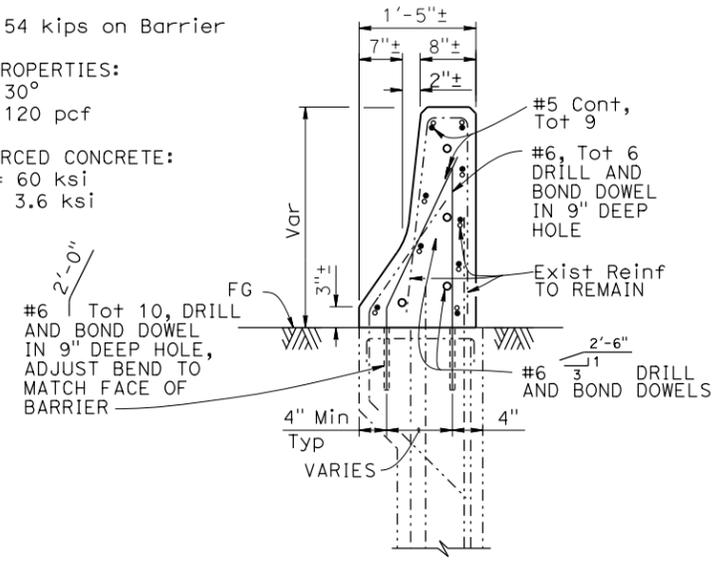
CT:
F_t = 54 kips on Barrier

SOIL PROPERTIES:
φ = 30°
γ = 120 pcf

REINFORCED CONCRETE:
F_y = 60 ksi
f'_c = 3.6 ksi



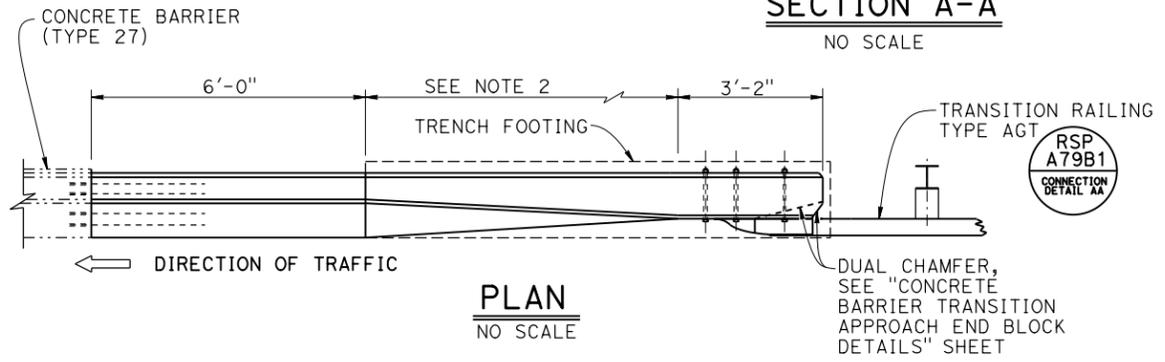
SECTION A-A
NO SCALE



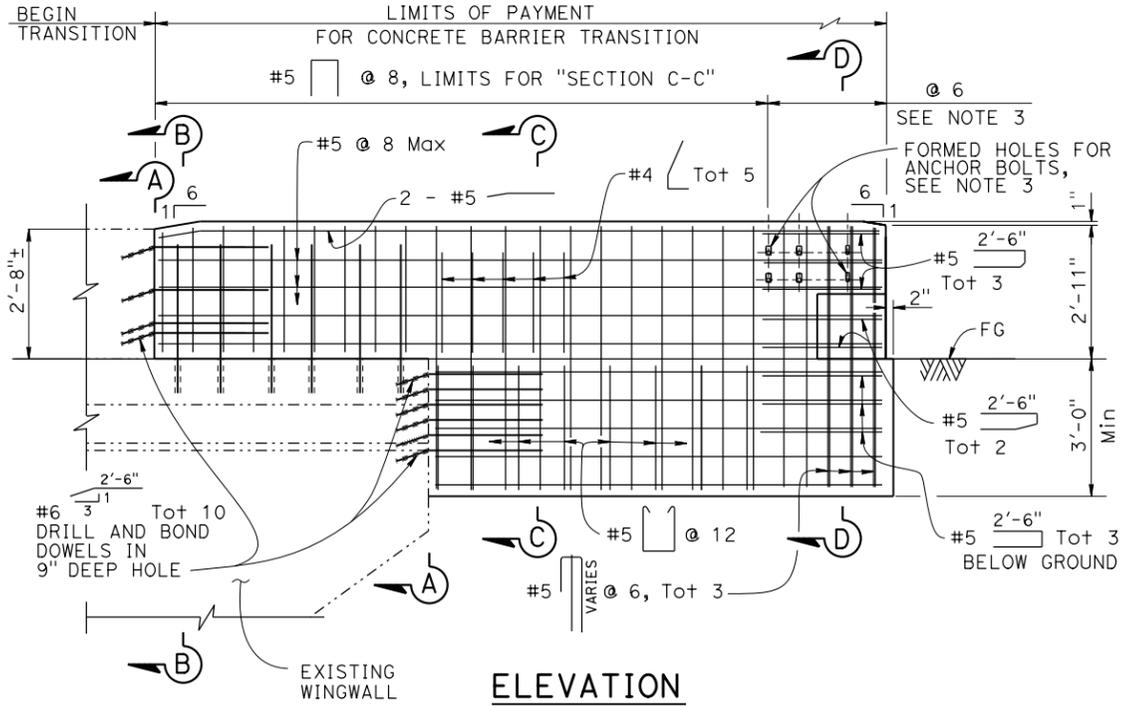
SECTION B-B
NO SCALE

- NOTES:
- Cut and remove the portion of Concrete Barrier (Type 27) as required. Existing longitudinal reinforcement to remain.
 - Length is 11'-10" if speed limit is greater than 45 MPH. Length is 6'-10" if speed limit is 45 MPH or less.
 - For additional approach end block details, see "CONCRETE BARRIER TRANSITION APPROACH END BLOCK DETAILS" sheet.

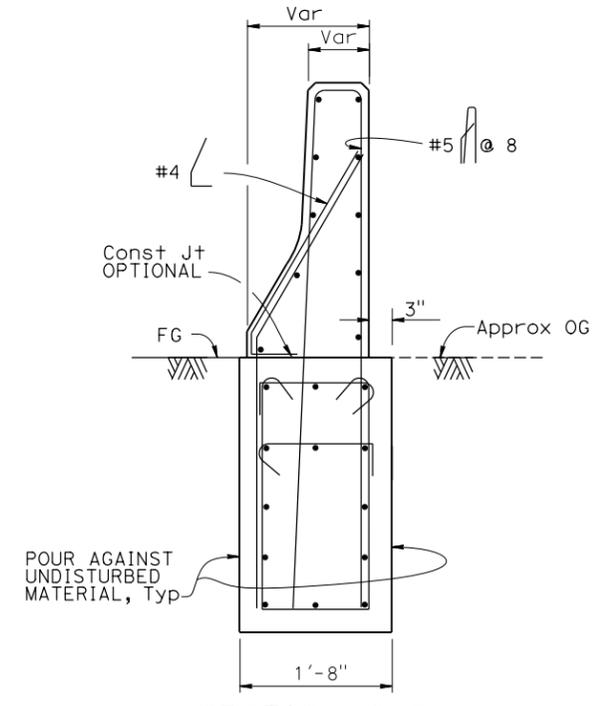
- LEGEND:
- Existing Structure
 - Concrete Removal
 - STANDARD PLAN SHEET No.
 - DETAIL No.



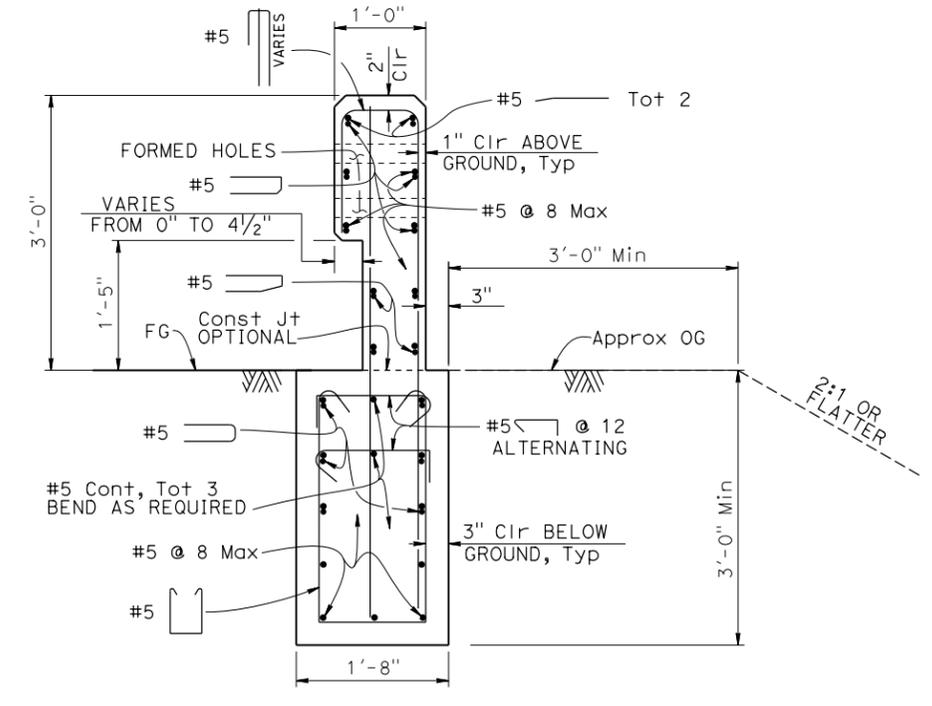
PLAN
NO SCALE



ELEVATION
NO SCALE



SECTION C-C
NO SCALE



SECTION D-D
NO SCALE

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

NOTE:
For details not shown, see "SECTION D-D"

BRIDGE STANDARD DETAILS			STATE OF CALIFORNIA		DIVISION OF ENGINEERING SERVICES		BRIDGE No. XX-XXXX		X	
xs16-020	January 2024	The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner, a registered civil engineer in the State of California.	DEPARTMENT OF TRANSPORTATION		ENGINEERING SERVICES		POST MILE X.X		CONCRETE BARRIER TRANSITION AGT CONNECTION TO TYPE 27	
Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html			DATE PLOTTED => 11-JAN-2024	TIME PLOTTED => 22:20	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT: XXXX	COUNTY/ROUTE: XXX/XXX	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET OF
			FILE => 202401-xs16-020.dgn	USERNAME => s120745	0 1 2 3	PROJECT NUMBER & PHASE: XXXXXXXXXX1	CONTRACT No.: XX-XXXXX4			X X