

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

TABLE OF REINFORCING STEEL DIMENSIONS AND DATA

DESIGN H	6'	8'	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'
W	6'-9"	7'-4"	8'-1"	8'-9"	9'-7"	10'-5"	11'-2"	12'-3"	13'-3"	14'-3"	15'-3"	16'-4"	17'-6"	18'-6"
C	2'-8"	2'-11"	3'-0"	3'-2"	3'-3"	3'-4"	3'-8"	3'-11"	4'-4"	4'-7"	4'-10"	5'-0"	5'-5"	5'-8"
B	4'-1"	4'-5"	5'-1"	5'-7"	6'-4"	7'-1"	7'-6"	8'-4"	8'-11"	9'-8"	10'-5"	11'-4"	12'-1"	12'-10"
F SPREAD FOOTING	1'-3"	1'-6"	1'-6"	1'-6"	1'-8"	1'-9"	2'-0"	2'-3"	2'-6"	2'-9"	3'-2"	3'-3"	3'-6"	4'-0"
BATTER	1/2:12	1/2:12	1/2:12	1/2:12	1/2:12	1/2:12	5/8:12	5/8:12	5/8:12	3/4:12	3/4:12	7/8:12	1:12	1:12
Ⓐ BARS	-	-	-	#5 @ 6	#5 @ 6	#5 @ 6	#5 @ 6	#5 @ 6	#6 @ 8	#6 @ 8	#6 @ 8	#6 @ 8	#6 @ 8	#6 @ 8
Ⓑ BARS	#5 @ 6	#5 @ 5	#7 @ 7	#7 @ 6	#8 @ 6	#8 @ 6	#9 @ 6	#9 @ 6	#8 @ 8	#9 @ 8	#9 @ 8	#9 @ 8	#10 @ 8	#10 @ 8
ha	-	-	-	-	-	-	-	-	12'-0"	12'-0"	14'-0"	14'-6"	14'-0"	16'-0"
hb	-	-	-	6'-0"	8'-0"	10'-0"	11'-0"	13'-0"	16'-6"	18'-6"	20'-0"	20'-6"	22'-0"	24'-0"
Ⓒ BARS	#5 @ 12	#5 @ 10	#5 @ 7	#5 @ 6	#5 @ 6	#6 @ 6	#7 @ 6	#7 @ 6	#9 @ 8	#10 @ 8	#10 @ 8	#9 @ 8	#9 @ 8	#9 @ 8
SER: B'(ft), q ₀ (ksf)	5.7, 1.5	5.9, 1.8	6.3, 2.0	6.6, 2.2	7.1, 2.5	7.6, 2.8	8.0, 3.1	8.8, 3.4	9.5, 3.6	10.2, 4.0	10.7, 4.4	11.5, 4.7	12.5, 4.9	13.0, 5.3
STR: B'(ft), q ₀ (ksf)	5.6, 2.0	5.7, 2.3	6.1, 2.7	6.4, 3.0	6.8, 3.5	7.3, 3.9	7.6, 4.3	8.3, 4.7	8.9, 5.2	9.5, 5.7	10.0, 6.4	10.8, 6.8	11.7, 7.1	12.1, 7.9
EXT: B'(ft), q ₀ (ksf)	4.1, 1.9	4.5, 2.3	4.9, 2.7	5.2, 3.2	5.5, 3.8	5.7, 4.5	5.9, 5.2	6.5, 5.8	7.0, 6.3	7.4, 7.0	7.7, 7.9	8.2, 8.5	8.9, 8.9	9.1, 9.9

LEGEND:

SER: service limit state

STR: strength limit state

EXT: extreme event limit state

B' : effective footing width (ft)

q₀ : net bearing stress (ksf)

q₀ : gross uniform bearing stress (ksf)

⌀ : 2 bar bundle

BRIDGE STANDARD DETAILS			STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION			DIVISION OF ENGINEERING SERVICES			BRIDGE No. XX-XXXX			RETAINING WALL TYPE 1SW-DETAILS No.2		
xs14-210-2 <small>FILE NO.</small>	April 2022 <small>APPROVAL DATE</small>	<small>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</small>							POST MILE X.X					
<small>Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html</small>			<small>DATE PLOTTED => 8-MAR-2022 TIME PLOTTED => 10:37 ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3</small>			<small>UNIT: XXXX PROJECT NUMBER & PHASE: XXXXXXXXXX1</small>			<small>COUNTY/ROUTE: XXX/XXX CONTRACT No.: XX-XXXXX4</small>			<small>DISREGARD PRINTS BEARING EARLIER REVISION DATES</small>		
									<small>REVISION DATES</small>			<small>SHEET OF</small>		
									<small>01/10/22 02/24/22 03/08/22</small>			<small>X X</small>		