TABLE OF REINFORCING STEEL DIMENSIONS AND DATA											
DESIGN H	6′	8′	10′	12′	14′	16′	18′	20′	22′	24'	
W	9'-0"	9'-0"	9'-6"	10'-3"	11'-3"	12'-9"	14'-0"	15'-9"	17'-3"	18'-9"	
F SPREAD FOOTING	1'-3"	1'-3"	1'-3"	1'-3"	1'-6"	1′-9"	1'-9"	2'-3"	2'-6"	2'-6"	
BATTER	0	1/2:12	1/2:12	√2 <b>:</b> 12	1/2:12	1/2:12	5%:12	5%:12	5%:12	3⁄4 <b>:</b> 12	
@BARS						#7 <b>@</b> 15	#7 @ 12	#7 @ 12	#8 @ 12	#6 @ 6	
©BARS	#8 @ 12	#8 @ 12	#7 @ 6	#7 @ 6	#7 @ 6	#9 @ 7.5	#9 @ 6	#10 @ 6	#10 @ 6	#8 @ 68	
ha			5'-0"	6'-0"	7'-0"	7'-0"	6'-0"	7'-0"	6'-9"	7′-6"	
hb						11'-6"	12'-0"	13'-3"	16'-0"	15′-6"	
© BARS	#7 @ 12	#8 @ 12	#7 @ 6	#9 @ 6	#9 @ 6	#11@ 7.5	#8 @ 68	#9 @ 6 g	#9 @ 6 X	#10 @ 68	
hz			3′-6"	4'-0"	4'-9"	7'-0"	5'-9"	6'-9"	7′-6"	9'-0"	
SER I: B'(f+), $q'_0(ksf)$	7.5, 1.5	7.1, 1.9	7.2, 2.2	7.6, 2.5	8.3, 2.8	9.6, 3.0	10.6, 3.3	12.1, 3.6	13.3, 3.9	14.6, 4.1	
STR, Ia: B'(f+), q <sub>o</sub> (ksf)	7.9, 2.9	7.4, 3.3	7.4, 3.7	7.8, 4.1	8.3, 4.5	9.5, 4.8	10.5, 5.0	11.9, 5.6	13.1, 6.0	14.3, 6.4	
STR, Ib: $B'(f+)$ , $q_0(ksf)$	6.0, 2.0	5.5, 2.5	5.6, 2.9	5.9, 3.3	6.4, 3.7	7.6, 3.9	8.7, 4.1	9.9, 4.5	11.0, 4.9	12.1, 5.2	
STR, IIIa: B'(f+), q <sub>o</sub> (ksf)	6.0, 2.7	6.0, 3.0	6.4, 3.4	7.0, 3.7	7.8, 4.1	9.1, 4.4	10.2, 4.6	11.7, 5.1	12.9, 5.4	14.2, 5.7	
STR, IIIb: B'(ft), q <sub>o</sub> (ksf)	5.3, 2.5	5.2, 2.8	5.5, 3.1	6.0, 3.3	6.7, 3.7	8.0, 3.9	8.9, 4.0	10.4, 4.4	11.5, 4.7	12.7, 5.0	
STR, Va: B'(ft), q <sub>o</sub> (ksf)	7.5, 2.8	7.1, 3.2	7.2, 3.5	7.6, 3.9	8.2, 4.3	9.4, 4.6	10.4, 4.9	11.8, 5.3	13.0, 5.8	14.3, 6.1	
STR, Vb: B'(ft), q <sub>o</sub> (ksf)	5.7, 2.2	5.3, 2.6	5.4, 3.0	5.8, 3.4	6.4, 3.8	7.7, 3.9	8.7, 4.0	10.0, 4.5	11.1, 4.9	12.2, 5.1	
Ext I: B'(ft), q <sub>o</sub> (ksf)	4.0, 3.4	3.0, 4.7	2.5, 6.5	2.1, 9.2	1.8, 13.3	2.1, 14.4	2.3, 16.9	2.6, 17.2	2.9, 18.4	3.3, 19.3	

## LEGEND:

SER: service limit state
STR: strength limit state
EXT: extreme event limit state
B': effective footing width (ft)
q': net bearing stress (ksf)
qo: gross uniform bearing stress (ksf)

8: 2 bar bundle

BR	IDGE STANDAF	D DETAILS					STATE (	0F		BRIDGE NO.				
xs14-340-2	July 2014	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					CALIFOI DEPARTMENT OF TRA	RNIA	DIVISION OF ENGINEERING SERVICES	POST MILE	RETAINING	WALL TYPE	5SW-DETAIL	S NO. 2
Refer to: http://www.dot.ca. sheets/index.html	.gov/hq/esc/techpubs/manu	nl/bridgemanuals/bridge-standard-detail-	FILE => xs14-340-2.dgn USERNAME => s136236	ME PLOTTED => 10:45	DATE PLOTTED => 18-JUL-2016	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2	3	UNIT: PROJECT NUMBER & PHASE:	CONTRAC		DISREGARD PRINTS BEARING EARLIER REVISION DATES	6-19-14 7-14-16	SHEET OF

ROUTE POST MILES SHEET TOTAL TOTAL PROJECT No. SHEETS

STATE OF CALIFOR

DIST COUNTY

PLANS APPROVAL DATE

REGISTERED CIVIL ENGINEER 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 Registered Civil Engineer for the project is responsible for the selection and proper application of the component design and any modifications shown.