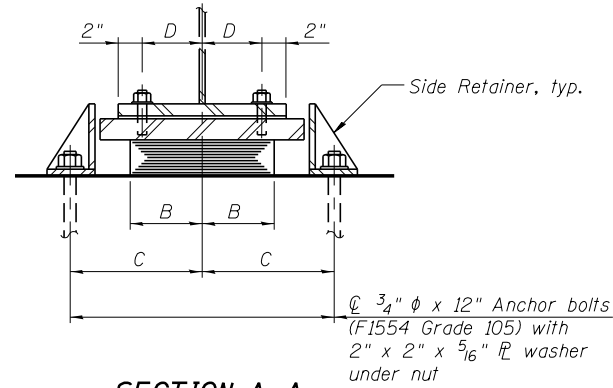
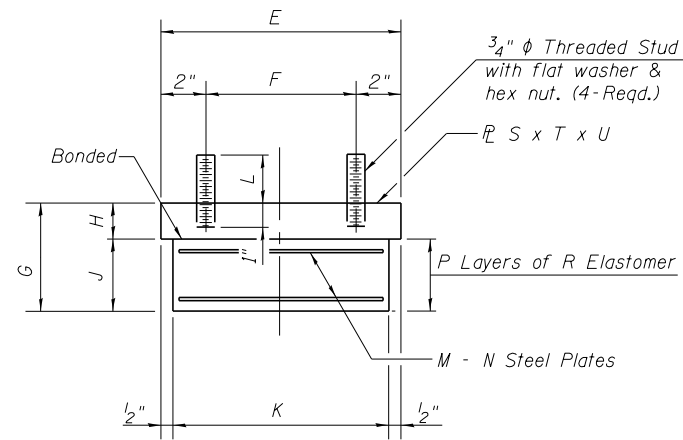


ELEVATION



SECTION A-A

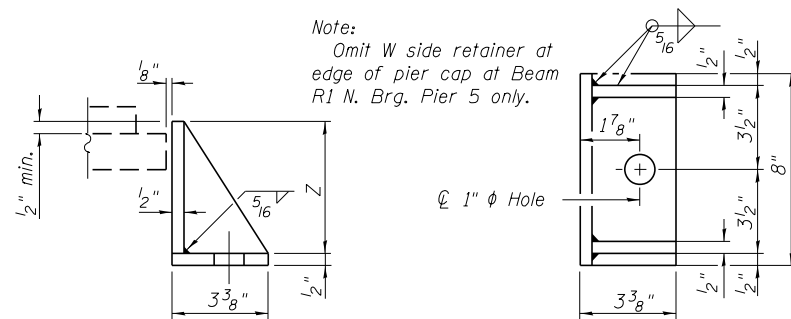
TYPE I ELASTOMERIC EXP. BRG.
(11 required, see table)



BEARING ASSEMBLY

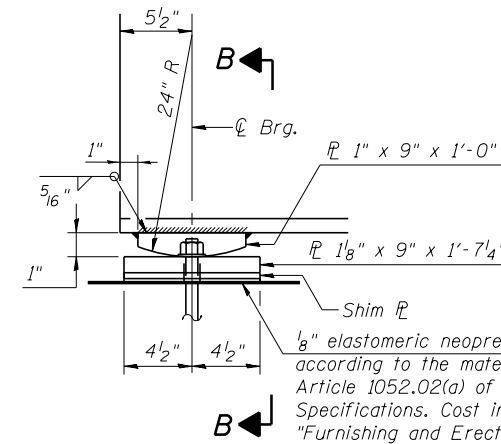
Note:
Shim plates shall not be placed under Bearing Assembly.

Note:
Omit W side retainer at edge of pier cap at Beam R1 N. Brg. Pier 5 only.



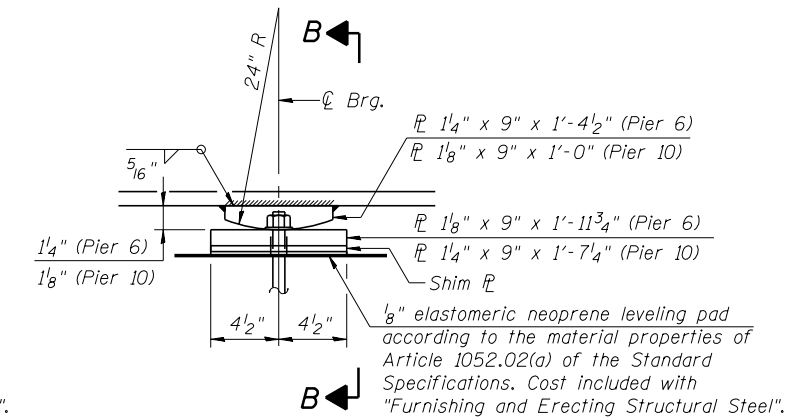
SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.



ELEVATION - END SUPPORT

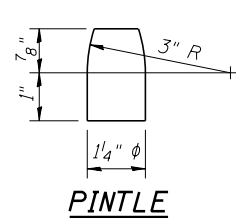
(1 required at Ramp F Beam R1, S Brg. Pier 6, Span 6)
(1 required at Ramp F Beam R4, S Brg. Pier 6, Span 6)
(1 required at Ramp F Beam R5, S Brg. Pier 6, Span 6)
(1 required at Ramp F Beam R1, N Brg. Pier 6, Span 7)



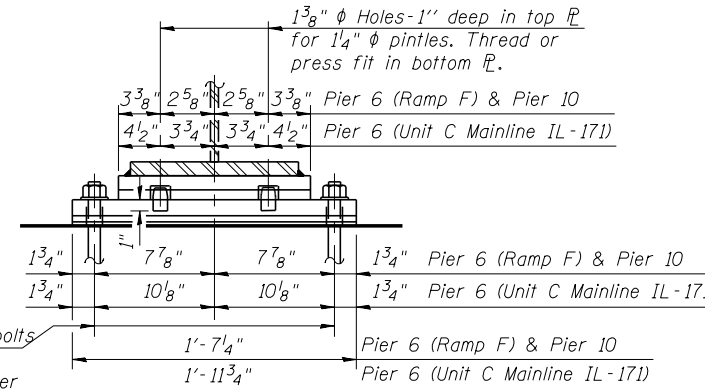
ELEVATION - CONTINUOUS SUPPORT

(1 required at Pier 6, Beam C1)
(1 required at Pier 10, Beam D1)
(1 required at Pier 10, Beam D2)

FIXED BEARING



PINTLE



SECTION B-B

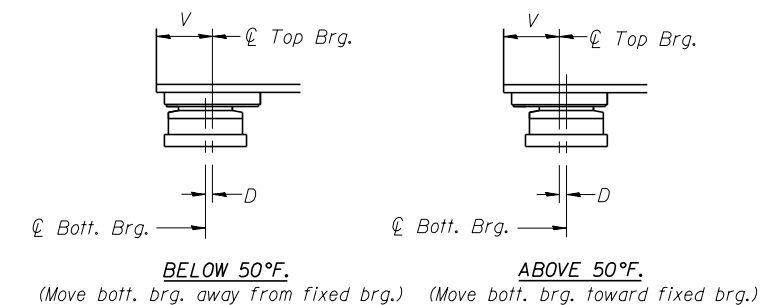
3/4" ϕ x 12" Anchor bolts (F1554 Grade 105) with 2" x 2" x 5/16" plate washer under nut. 1/4" ϕ Holes in bottom plate.

TYPE I ELASTOMERIC EXPANSION BEARINGS

Location	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	Z
Beams D1 & D2 Pier 8	5"	7"	10"	3 1/4"	11"	7"	5 1/16"	17 7/8"	3 3/16"	10"	2 3/4"	6"	1 1/8"	7"	7 1/16"	17 7/8"	11"	1'-4"	--	6"
Beams D1 & D2 Piers 9 & 11	5 1/2"	8"	11"	3 1/4"	12"	8"	4 1/4"	17 7/8"	2 3/8"	11"	2 3/4"	3"	1 1/8"	4"	1/2"	17 7/8"	12"	1'-6"	--	4 1/2"
Beam C1 N. Brg. Pier 5	3 1/2"	6"	9 1/2"	5 1/2"	8"	4"	3 3/4"	1 1/2"	1 3/4"	7"	2 7/8"	3"	3/32"	4"	3/8"	1 1/2"	8"	1'-3"	5"	3 1/2"
Beam C1 S. Brg. Pier 7	3 1/2"	6"	9 1/2"	5 1/2"	8"	4"	3 3/4"	1 1/2"	2 1/4"	7"	2 7/8"	4"	3/32"	5"	3/8"	1 1/2"	8"	1'-3"	5"	4"
Beam R1 N. Brg. Pier 5 & Ramp F Abut.	4 1/2"	6"	9"	3 1/4"	10"	6"	3 3/4"	1 1/2"	2 1/4"	9"	2 3/4"	4"	3/32"	5"	3/8"	1 1/2"	10"	1'-2"	6"	4"
Beam R5 N. Brg. Pier 5	5"	7"	10"	3 1/4"	11"	7"	4 5/16"	15 7/8"	2 1/16"	10"	2 3/4"	4"	1 1/8"	5"	7 1/16"	15 7/8"	11"	1'-4"	6 1/2"	4 5/8"

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	11
Anchor Bolts, 3/4"	Each	35



SETTING ANCHOR BOLTS AT EXP. BRG.

D=1/8" per each 100' of expansion for every 15° temp. change from the normal temp. of 50°F.