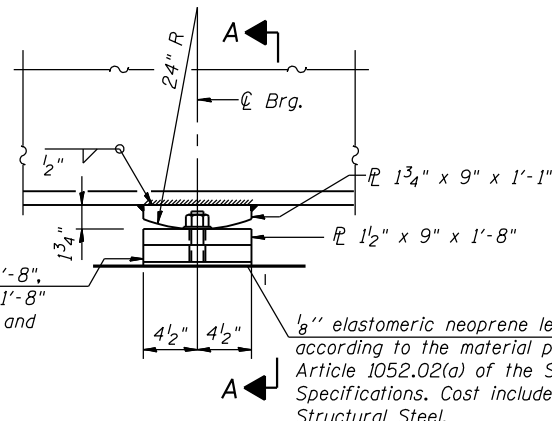
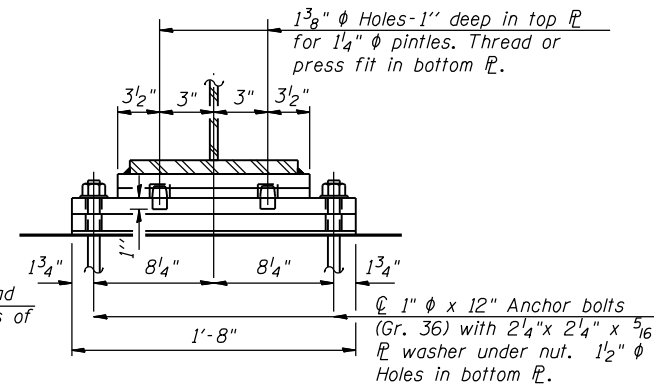


Fill $1\frac{1}{2}'' \times 9'' \times 1'-8''$,
except $1\frac{3}{4}'' \times 9'' \times 1'-8''$
at beams 11, 12, 13 and
14 & Shim $1\frac{1}{2}''$

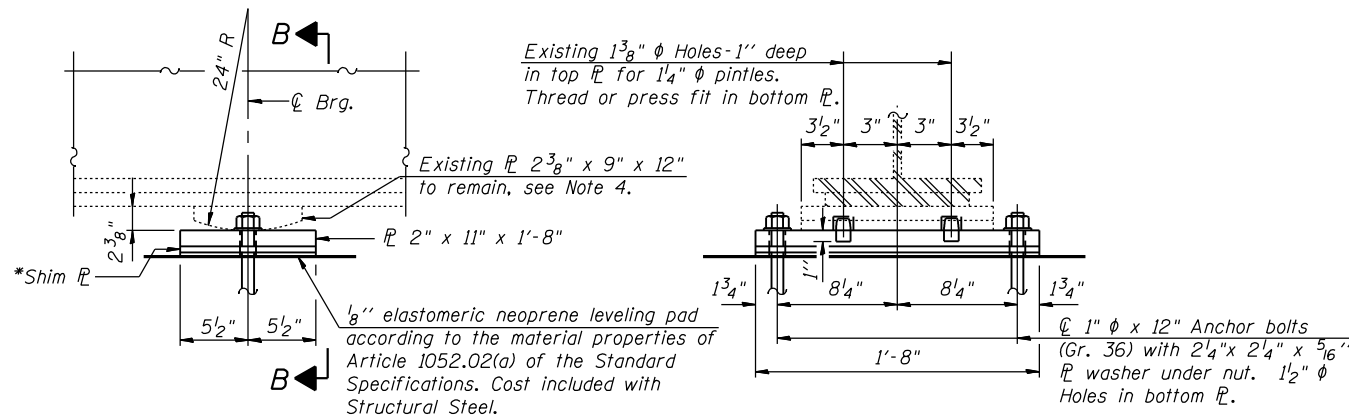


ELEVATION



SECTION A-A

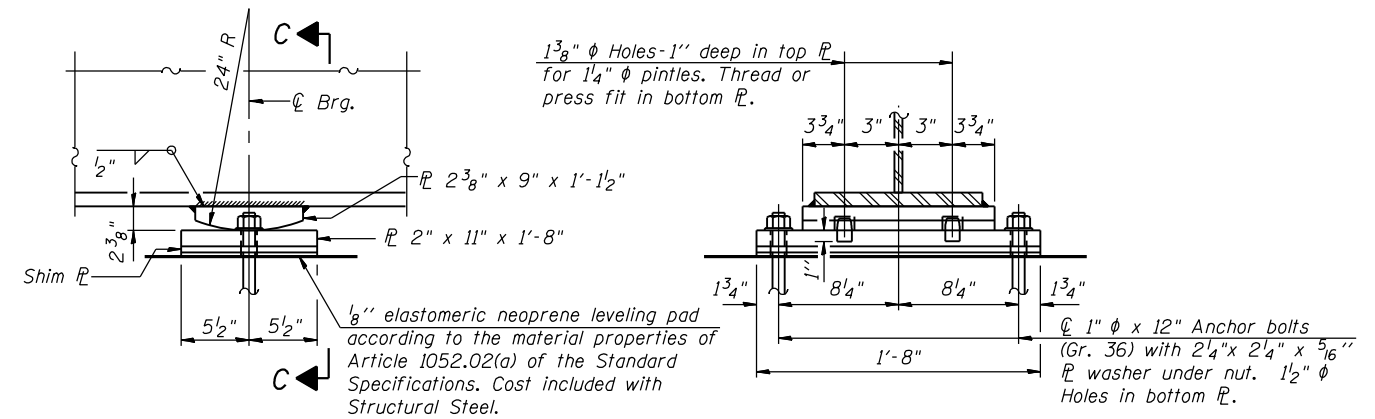
TYPE 'D-N' BEARING AT NEW BEAMS 1 THRU 14
(LOW PROFILE FIXED BEARING)
(14 Required)



ELEVATION

SECTION B-B

TYPE 'E-X' BEARING AT EXISTING BEAMS 1 & 10
(LOW PROFILE FIXED BEARING)
(4 Required)



ELEVATION

SECTION C-C

TYPE 'E-N' BEARING AT NEW BEAMS 11 THRU 14
(LOW PROFILE FIXED BEARING)
(8 Required)

BILL OF MATERIAL

Item	Unit	Total
Anchor Bolts, 1"	Each	52

NOTES

- Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.
- Anchor bolts at fixed bearings may be either cast in place or installed in holes drilled after the supported member is in place.
- Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.
- Replace the existing low profile fixed bearings at existing Beam 1 & 10 except for the existing top plates of the existing fixed bearings at Units 1 & 3.
- The structural steel plates of the bearing assembly shall conform to the requirements of AASHTO M 270 Grade 50.
- Two 1/8 in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.
- Type '-X' refers to fixed bearings at existing beams, while Type '-N' refers to fixed bearings at new beams. See Key Bridge Bearing Types on Sheet S51 for locations of Bearing Types 'D' and 'E'.
- *One additional 1/2" fill plate required at Pier 2, Beam 1.

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USER NAME =	DESIGNED - J.Z. 6/15/2012	REVISED -
CHECKED - E.E.J. 6/15/2012	REVISED -	
PLOT SCALE =	DRAWN - E.U.B. 6/15/2012	REVISED -
PLOT DATE =	CHECKED - J.Z. 6/15/2012	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(10 & 11VB) R-3	KANE	507	274
CONTRACT NO. 60133				