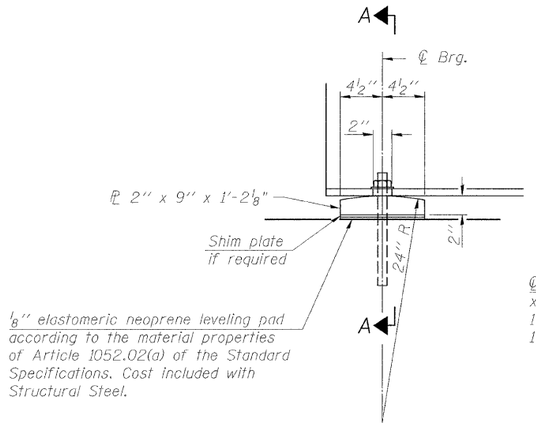
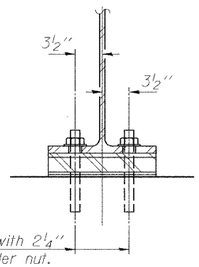
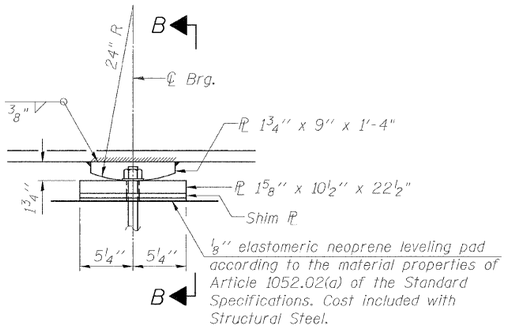


ELEVATION AT ABUTMENT

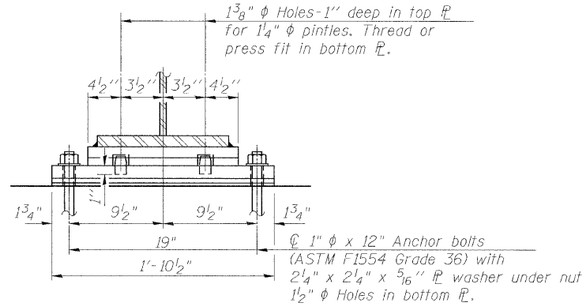


SECTION A-A

FIXED BEARING

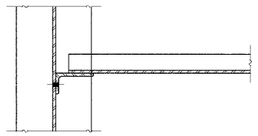


ELEVATION AT PIER

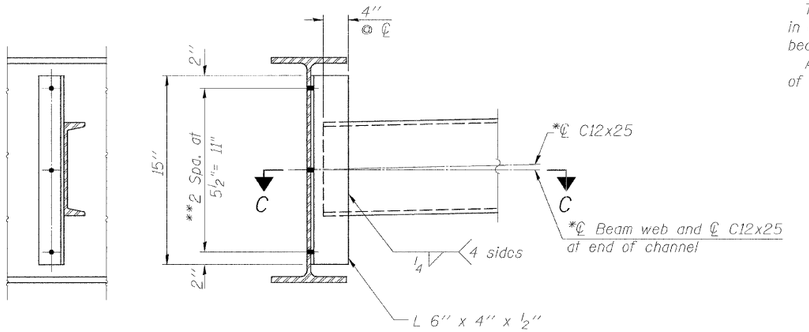


SECTION B-B

FIXED BEARING



SECTION C-C



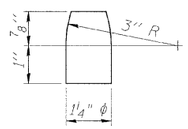
INTERIOR DIAPHRAGM

Note:
Two hardened washers required for each set of oversized holes.
*Alternate channels (C12x30) are permitted to facilitate material acquisition. Calculated weight of structural steel is based on the lighter section.
The alternate, if utilized, shall be provided at no additional cost to the Department.
**¾" ϕ HS bolts, 15/16" ϕ holes

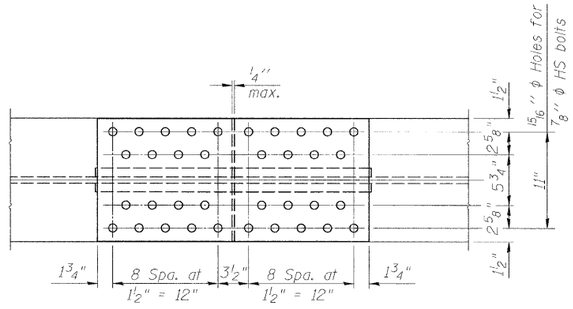
Notes:
Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used in 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.
Two ⅛ in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.
All bearing plates and pintles shall conform to the requirements of AASHTO M 270 Grade 50W.

BILL OF MATERIAL

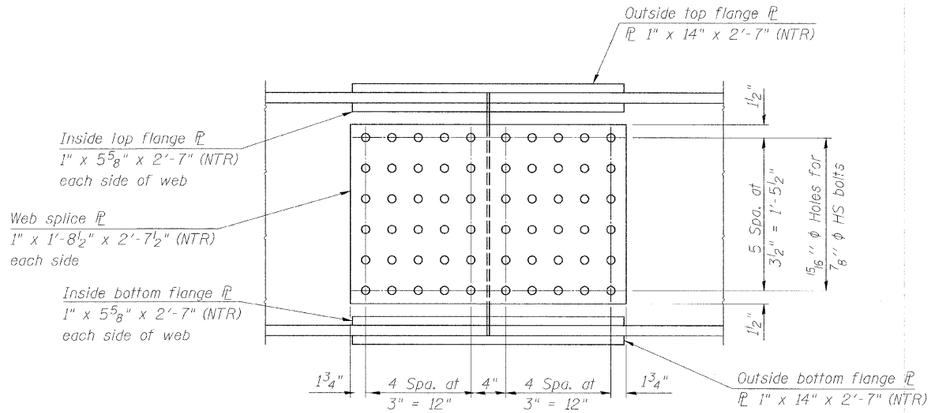
Item	Unit	Total
Anchor Bolts, 1"	Each	42



PINTLE



TOP & BOTTOM VIEW



ELEVATION

SPLICE DETAIL
(7 Required)

Notes:
Splice plates shall conform to the requirements of AASHTO M 270 Grade 50W.
Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2.

URS
345 EAST ASH AVENUE, SUITE B
DECATUR, ILLINOIS 62526
PH. 217-875-4800

FILE NAME =	USER NAME = Brian K. Nicholson	DESIGNED - MJP	REVISED -
		CHECKED - KWB	REVISED -
	PLOT SCALE =	DRAWN - BKN	REVISED -
	PLOT DATE =	CHECKED - KWB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURAL STEEL DETAILS
STRUCTURE NO. 058-6026
SHEET NO. 12 OF 22 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7398	09-00905-00-BR	MACON	63	42
		CONTRACT NO. 95687		
		ILLINOIS FED. AID PROJECT		