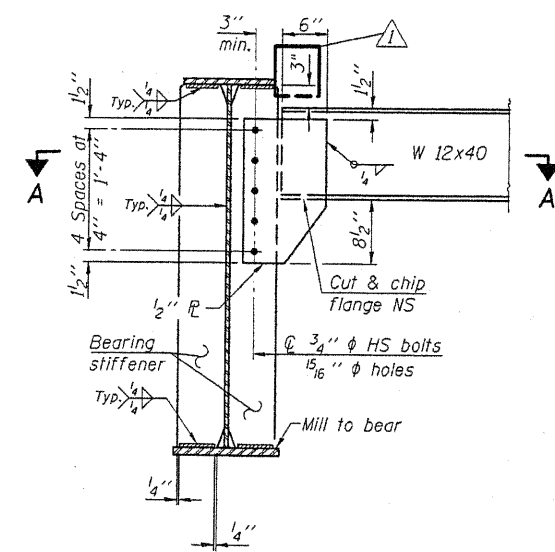


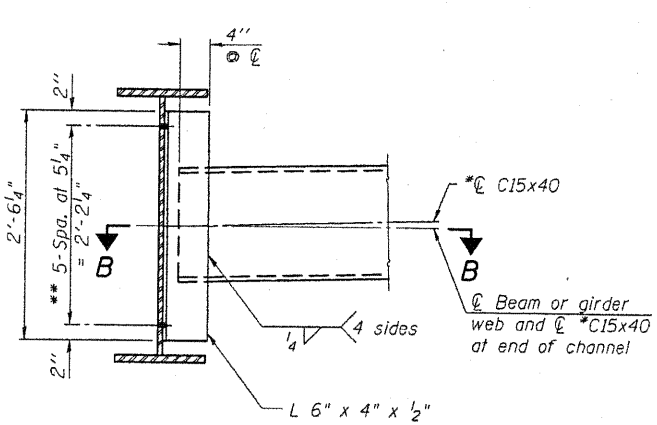
10/18/2010 5:30:29 PM

P:\06files\060245\021.W010.IL101.Lemoine\BRIDGE PLANS\GIRDER DETAILS.dgn



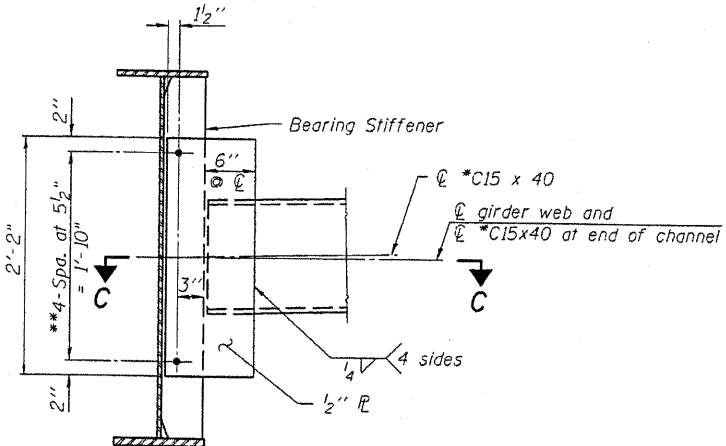
END DIAPHRAGM, D
(8 Required)

Note: Two hardened washers required for each set of oversized holes.



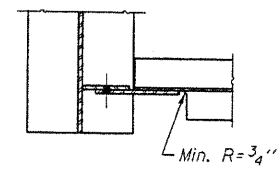
INTERIOR DIAPHRAGM, D1
(90 Required)

Note: Two hardened washers required for each set of oversized holes.

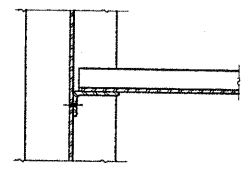


INTERIOR DIAPHRAGM, D2
(25 Required)

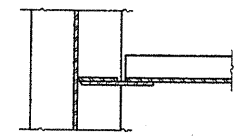
Note: Two hardened washers required for each set of oversized holes.



SECTION A-A



SECTION B-B

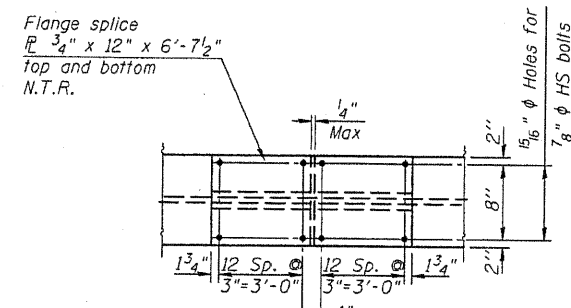


SECTION C-C

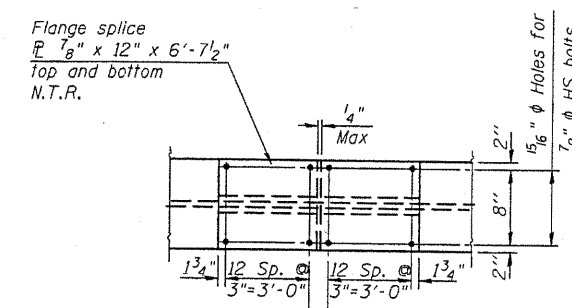
Notes:
Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2.

* Alternate channels C15x50 are permitted to facilitate material acquisition. The alternate, if utilized, shall be provided at no additional cost to the Department. Calculated weight of structural steel is based on the lighter section.

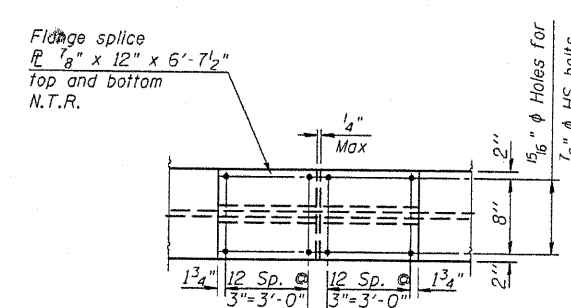
** 3/4" ϕ HS bolts, 15/16" ϕ holes



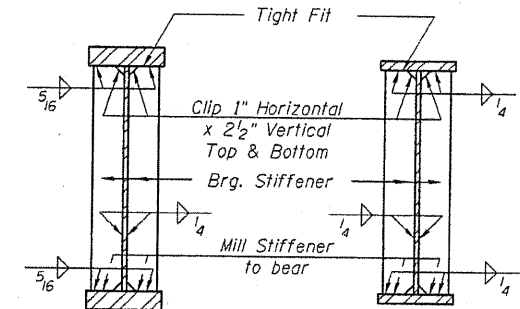
PLAN



PLAN

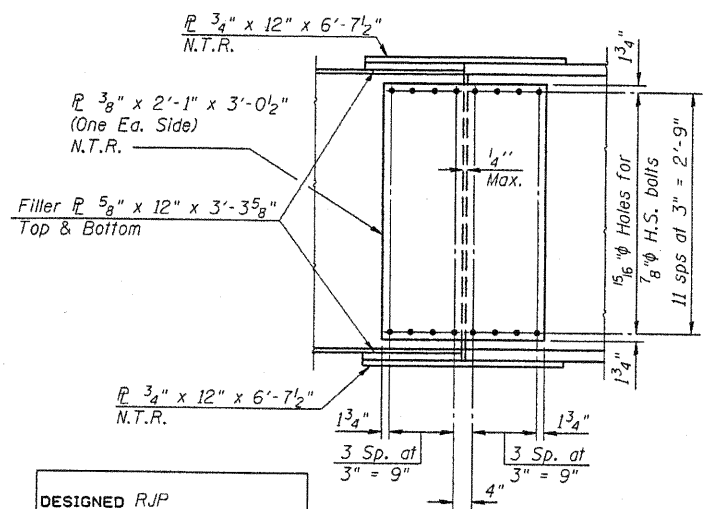


PLAN



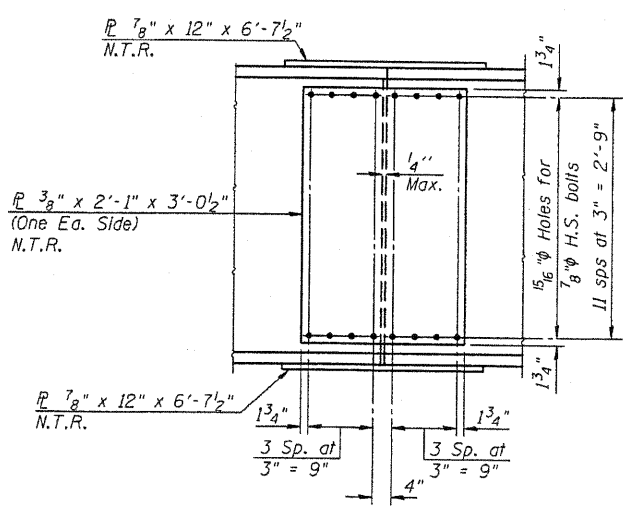
SECTION AT PIER

SECTION AT ABUTMENT



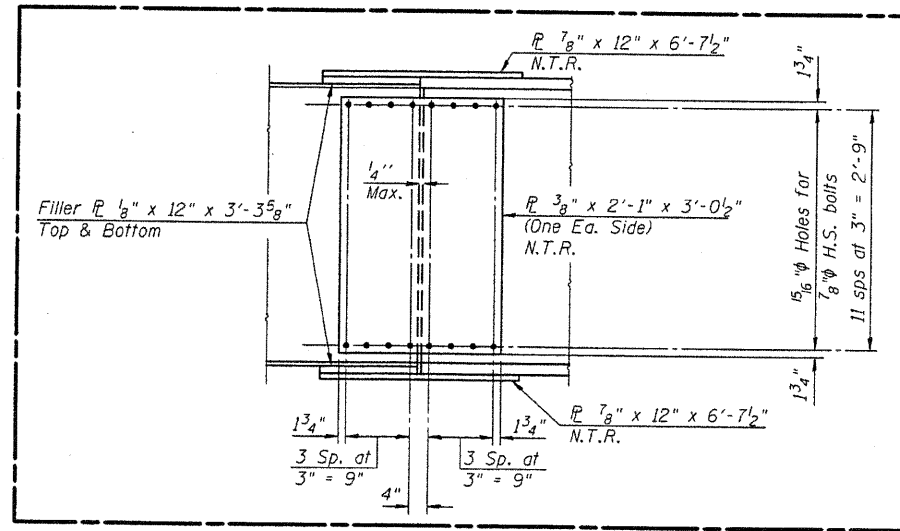
ELEVATION

SPLICE #1 DETAIL



ELEVATION

SPLICE #2, #3, & #4 DETAIL



ELEVATION

SPLICE #5 DETAIL

DESIGNED RJP
CHECKED ADL
DRAWN RJP
CHECKED ADL

SHEET NO.23 45 SHEETS	F.A.P. RTE. 713	SECTION 120B-3	COUNTY SCHUYLER	TOTAL SHEETS 75	SHEET NO. 43
	CONTRACT NO. 72A03				
	FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				