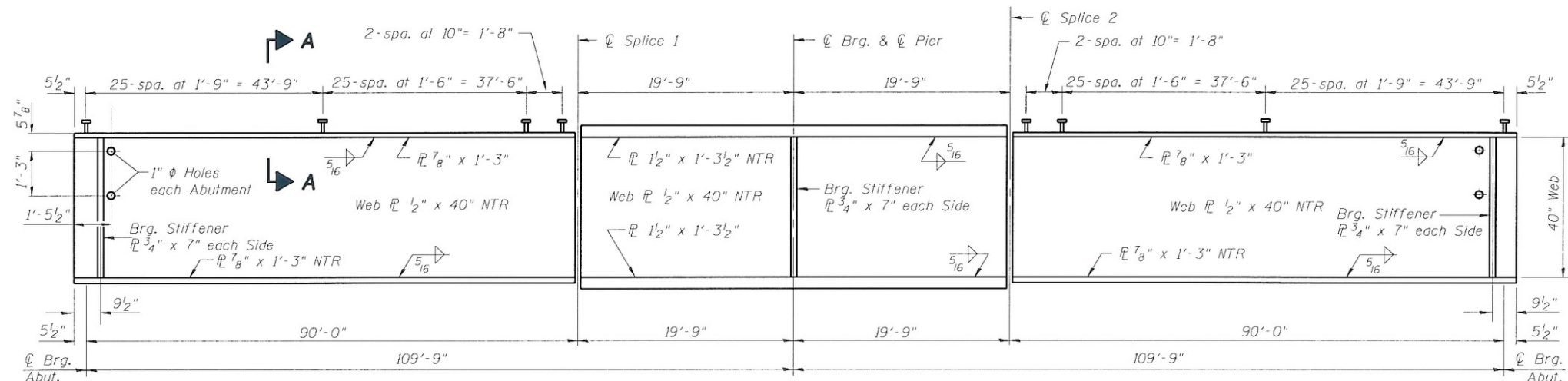


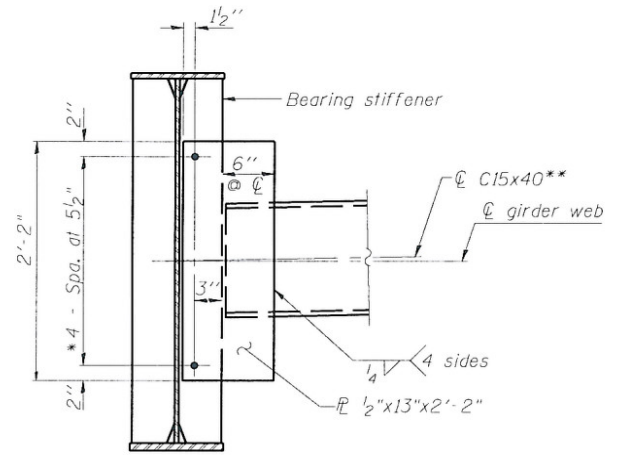
**FRAMING PLAN**

All girders and bearing stiffener plates shall be AASHTO M270 Grade 50.

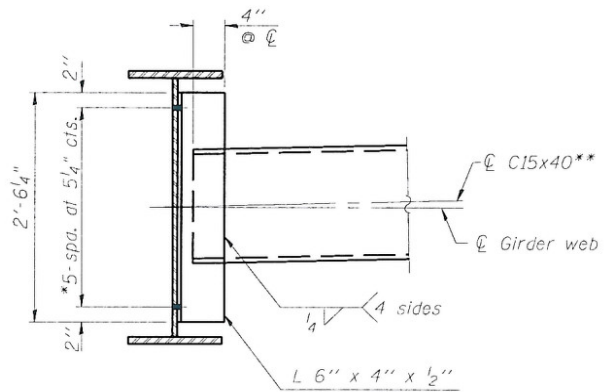


**GIRDER ELEVATION**

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



**INTERIOR DIAPHRAGM D1**



**INTERIOR DIAPHRAGM D**

Notes:  
 Two hardened washers required for each set of oversized holes.  
 \* 3/4" φ HS bolts, 5/16" φ holes.  
 \*\* C15x50 is 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.

Notes:  
 All diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual diaphragms at supports may be temporarily disconnected to install bearing anchor bolts.  
 See sheet 13 of 20 for Section A-A, Section at Pier, and Section at Abutment.

DESIGNED	MEB
CHECKED	JSP
DRAWN	UJ
CHECKED	MEB



**FRAMING PLAN  
 STRUCTURE NO. 010-0288**

SHEET NO. 12 20 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	74	(10-6)HBR-5	CHAMPAIGN	63	31
	SN 010-0288			CONTRACT NO. 70750	
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT					