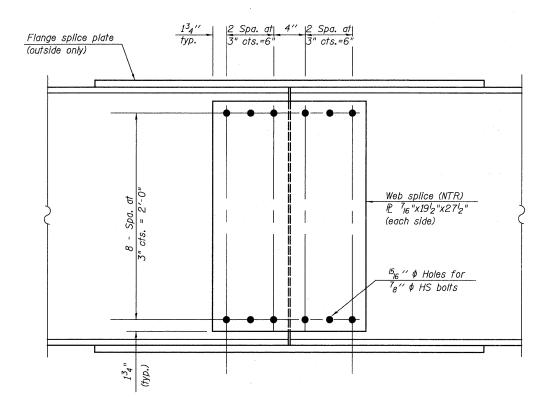
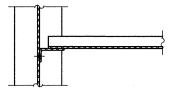


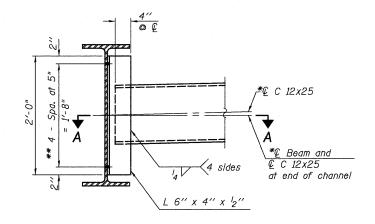
FLANGE SPLICE PLATE



WEB SPLICE PLATE (34 Required)



SECTION A-A



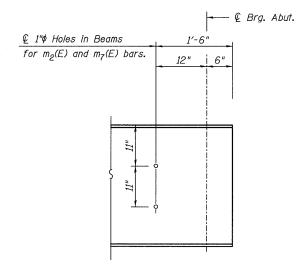
INTERIOR DIAPHRAGM

Note:

Two hardened washers required for each set of oversized holes.

*Alternate channels (C 12x30) 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. ** $^34''$ ϕ HS bolts, $^{15}_{16}''$ ϕ holes



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 rods.

Load carrying components designated "NTR" shall conform to the Supplemental

Requirements for Notch Toughness, Zone 2.

McClure	USER NAME =	DESIGNED - JTT	REVISED ~
Engineering Associates, Inc.		CHECKED - VAC	REVISED -
7282 Argus Drive Rockford, Illinols 81107-5837 (815) 398-2332 FAX (815) 398-2498	PLOT SCALE =	DRAWN - JBB	REVISED -
	PLOT DATE =	CHECKED - JTT	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	FRAM	ING	DET	AILS		
STRUCTU	RE NO	. 101	019	3 &	101-0	194
BRIDGE	SHEET	NO. 3	32 OF	48 S	HEETS	

 F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(X2-1)R	WINNEBAGO	510	377
		CONTRACT	NO. 6	4C29
	ILLINOIS FED. A	ID PROJECT		

TYP. END OF BEAM ELEVATION