

SECTION A-A





SECTION B-B



DIAPHRAGM D

*Alternate channel C 15 x 50 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 extra cost to the Department.

Stop fillet weld from connection plate to flange ${}^{l}_{4}{}^{\prime\prime}$ from end of connection plate.



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



					· · · · · · · · · · · · · · · · · · ·	·		E A T	
FILE NAME =		USER NAME =	DESIGNED	BB	REVISED -		STRUCTURAL STEEL STRUCTURE NUMBER 025-6010	RTE. SECTION	COUNTY SHEETS NO.
		Illinois Design Firm Number 184.001670	CHECKED	- ACS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		57/70 (25-3)PB	EFFINGHAM 1098 389
		PLOT SCALE =	DRAWN	- WJS	REVISED -			SN 025-6010	CONTRACT NO. 74299
		PLOT DATE = 7:43:58 AM 5/6/2011	CHECKED	- CJF	REVISED -		SHEET NO. 20 OF 46 SHEETS	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	



SECTION AT PIER

¥

С

1 "

DETAIL A

Notes:

See sheet 19 of 46 for diaphragm layout and spacing. 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.