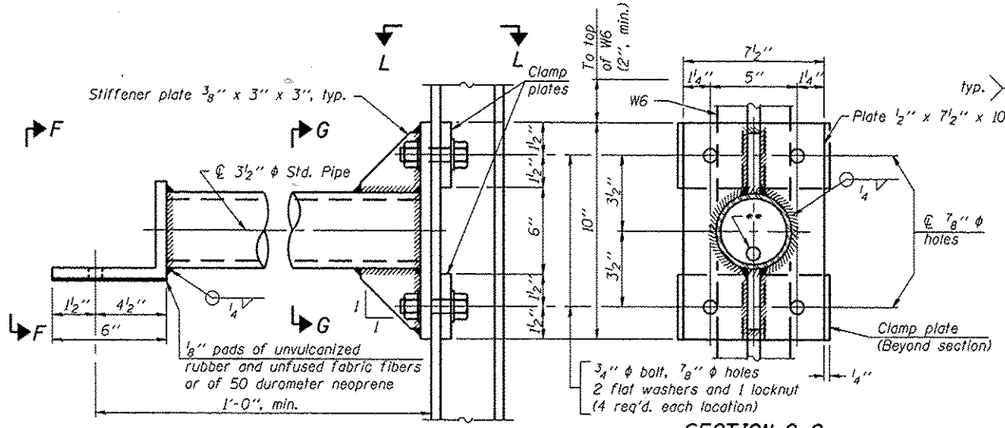
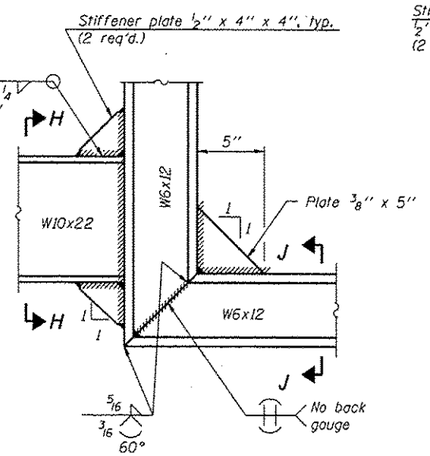
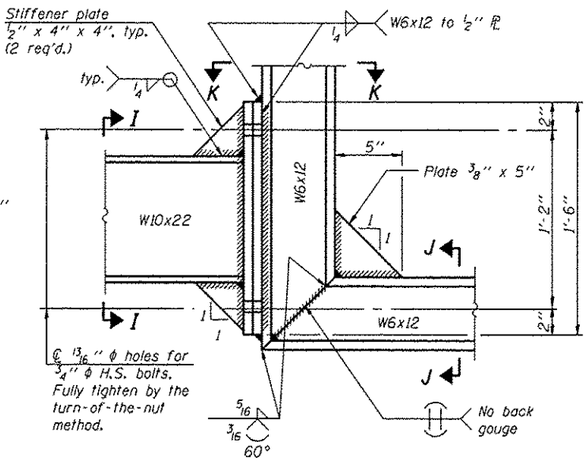


DETAIL A

SECTION G-G

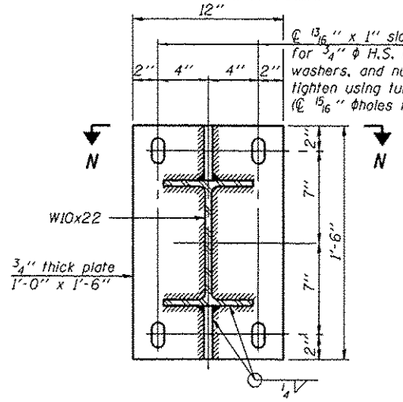


DETAIL B - WELDED W10x22 TO W6x12 CONNECTION



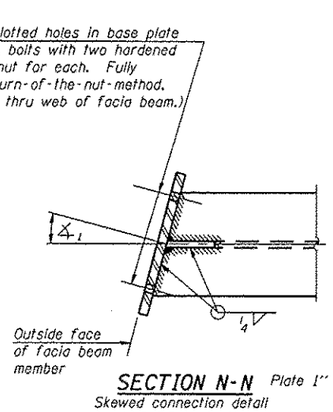
DETAIL B - ALTERNATE BOLTED W10x22 TO W6x12 CONNECTION

Alternate may be substituted by contractor to facilitate construction or galvanizing, especially on long struts for skewed bridges.



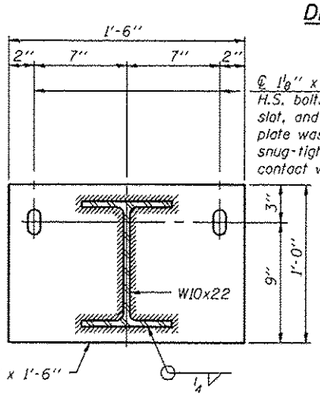
SECTION C-C

Steel beam or girder connection plate details



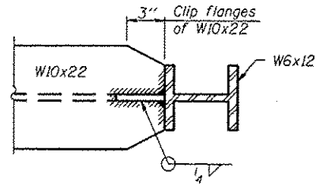
SECTION N-N

Skewed connection detail for W10x22 to facia beam.

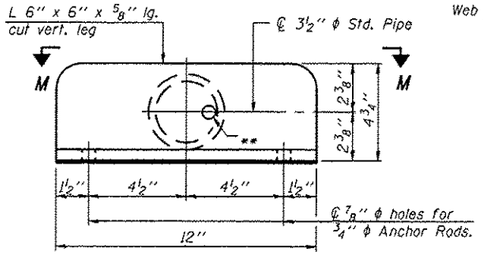


SECTION D-D

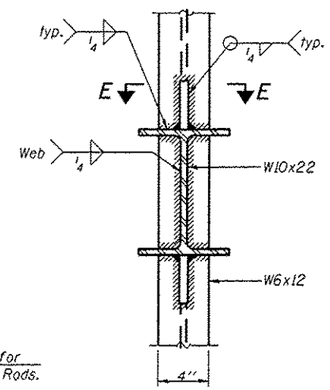
Concrete beam or girder connection plate details.



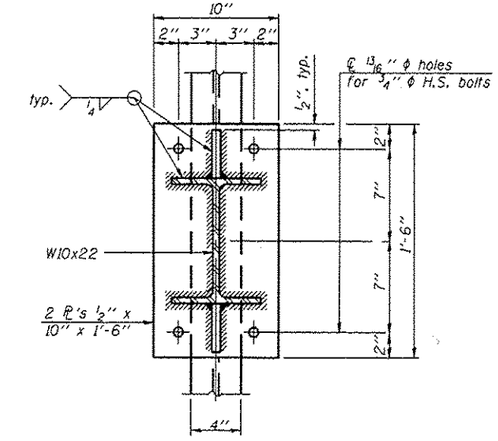
SECTION E-E



VIEW F-F

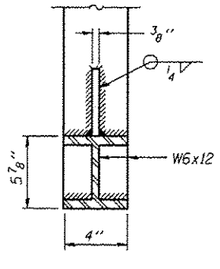


SECTION H-H

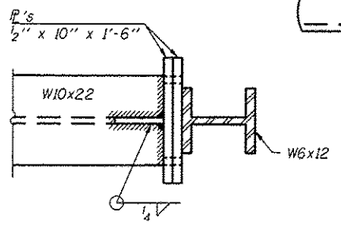


SECTION I-I

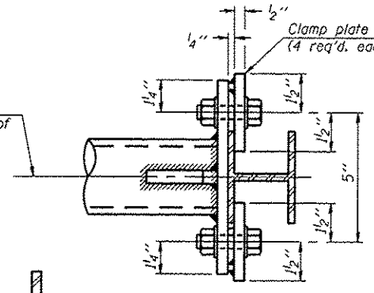
Note: For constant slab overhang at facia beam, $\Delta_1 = \Delta_2$ = skew angle. For flared beams or other special cases where $\Delta_1 \neq \Delta_2$, Δ_1 = skew angle.



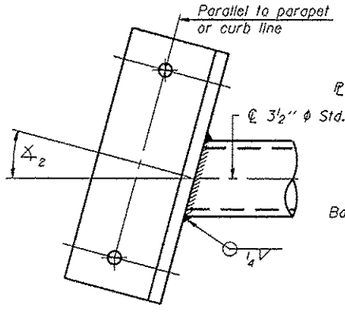
SECTION J-J



SECTION K-K

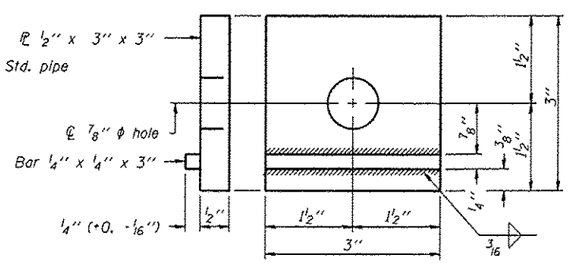


SECTION L-L



SECTION M-M

Skewed connection detail for 3 1/2" ϕ pipe to parapet.



CLAMP PLATE DETAILS

BM-3

6-1-12

FILE NAME = c:\pw_work\pwidot\patelyj\d0336977\D346276-sht-details.dgn	USER NAME = patelyj	DESIGNED - YOGESH PATEL	REVISED -
		DRAWN - YOGESH PATEL	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RON WOODSHANK	REVISED -
	PLOT DATE = 7/2/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE MOUNT SIGN STRUCTURES
CONNECTION DETAILS

SCALE: | SHEET 7 OF 8 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80 & 39	03 OVD SIN STR REPL 14-15	LASALLE	14	13
		CONTRACT NO. 46276		
		ILLINOIS FED. AID PROJECT		