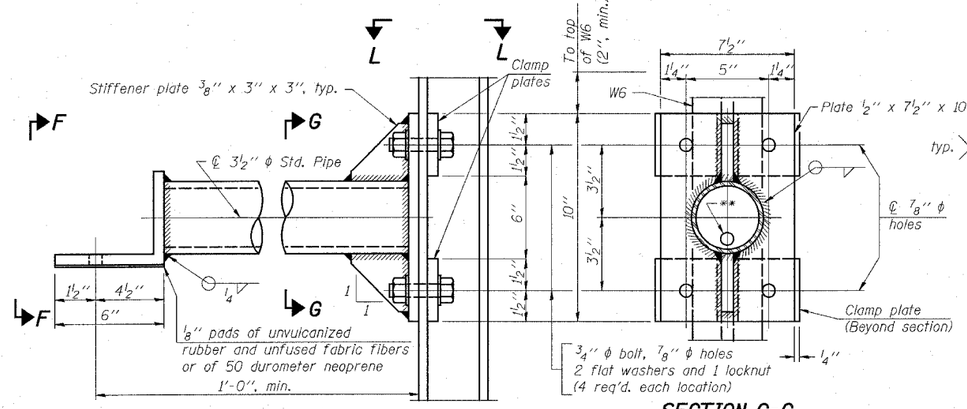
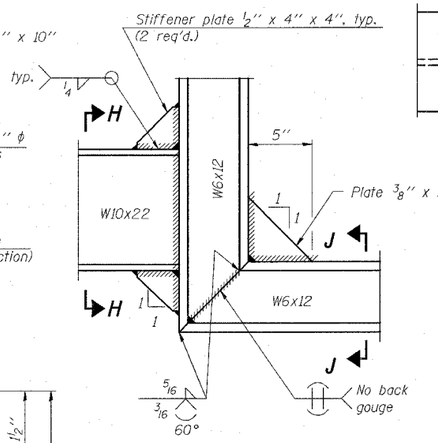
• SECTION 60-14-2
SECTION 60-14-2B CONTRACT NO. 76986

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	•	MADISON	418	109
STA. 1047+00		TO STA. 1048+75		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

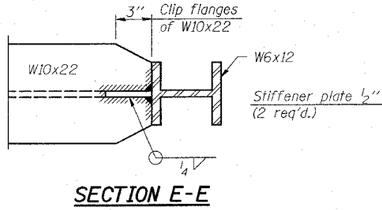


DETAIL A

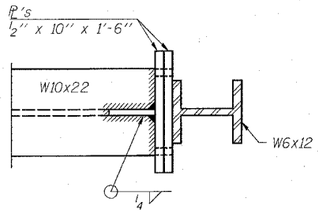
SECTION G-G



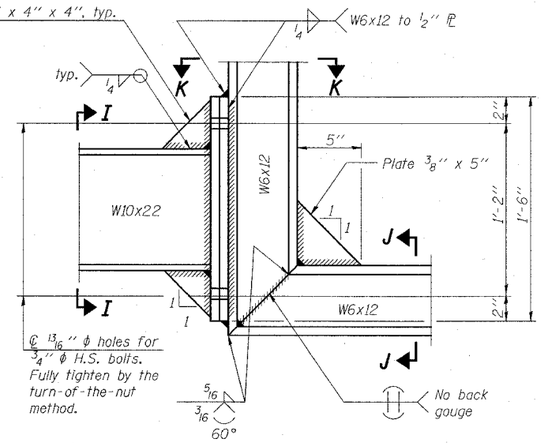
DETAIL B - WELDED W10x22 TO W6x12 CONNECTION



SECTION E-E

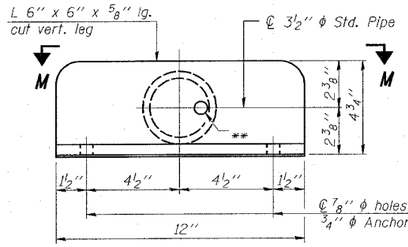


SECTION K-K



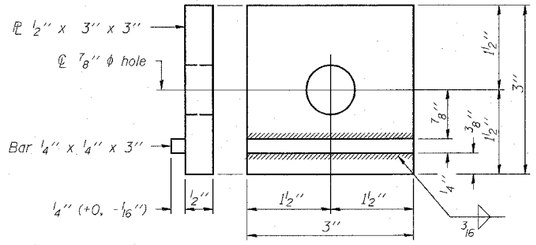
DETAIL B - ALTERNATE BOLTED W10x22 TO W6x12 CONNECTION

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

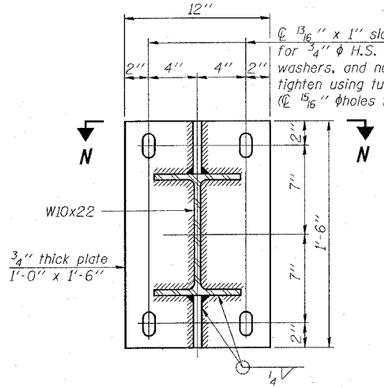


VIEW F-F

** 13/16" ϕ holes for galvanizing. After galvanizing, install 7/8" ϕ A307 hot-dip galvanized bolt to close hole in angle. (No bolt required in 1/2" plate.)

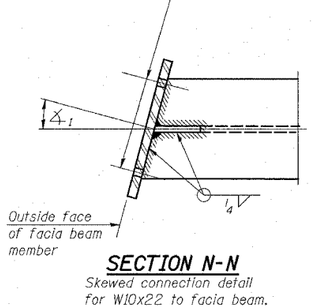


CLAMP PLATE DETAILS



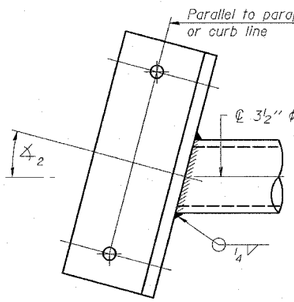
SECTION C-C

Steel beam or girder connection plate details



SECTION N-N

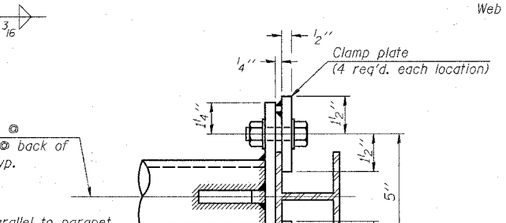
Skewed connection detail for W10x22 to facia beam.



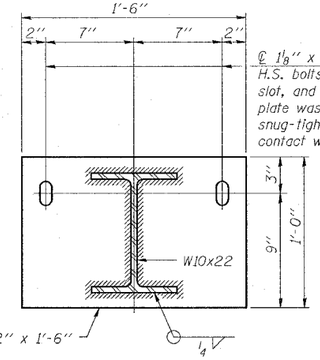
SECTION M-M

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

Note: For constant slab overhang at facia beam, 4 1 = 4 2 = sign angle. For flared beams or other special cases where 4 1 ≠ 4 2, 4 1 = sign angle.

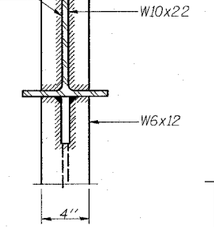


SECTION L-L

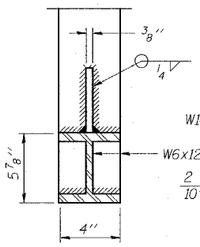


SECTION D-D

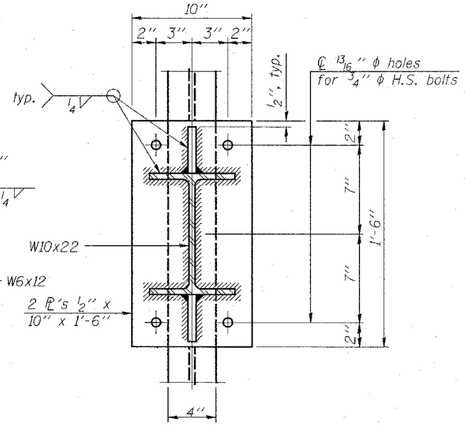
Concrete beam or girder connection plate details.



SECTION H-H



SECTION J-J



SECTION I-I

NUMBER	REVISION	DATE

BRIDGE MOUNT SIGN STRUCTURES
CONNECTION DETAILS

FAP 310
SECTIONS 60-14-2 & 60-14-2B
MADISON COUNTY

(Sheet 3 of 4)

PLOT DATE = #DATE#
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #USER#

BM-3

11/01/2006