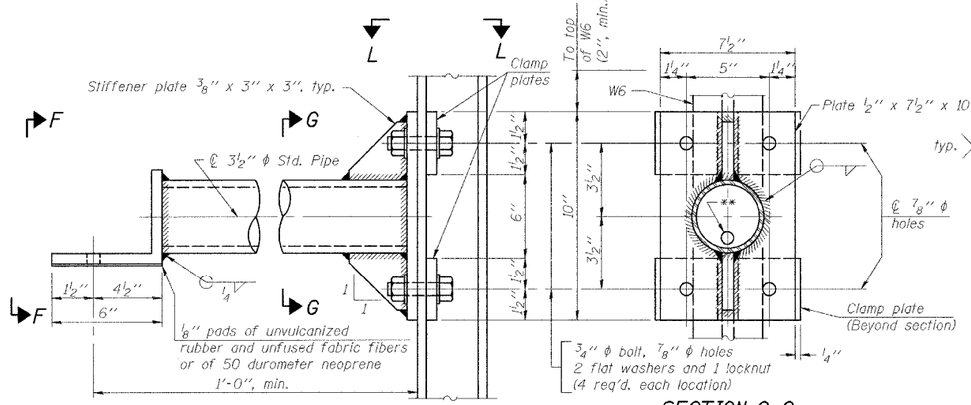
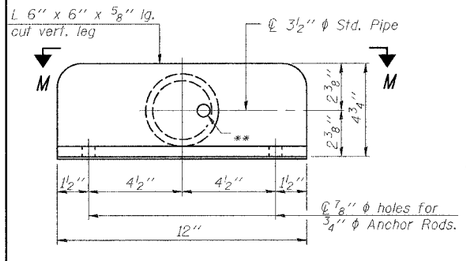
**CONTRACT No. 98994**

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 57 | (X1-6-2)HBK | WILLIAMSON | 272 | 129 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. 9 | ILLINOIS | FED. AID PROJECT | | |



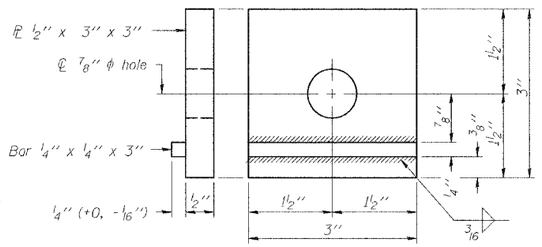

DETAIL A

SECTION G-G

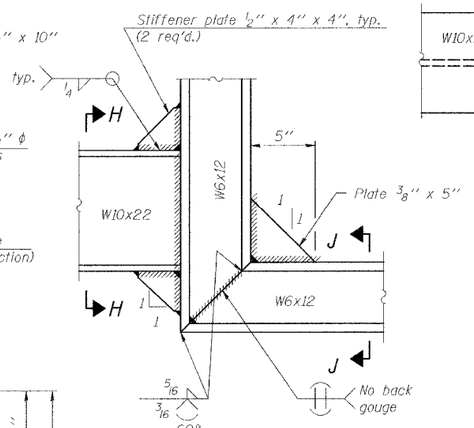



VIEW F-F

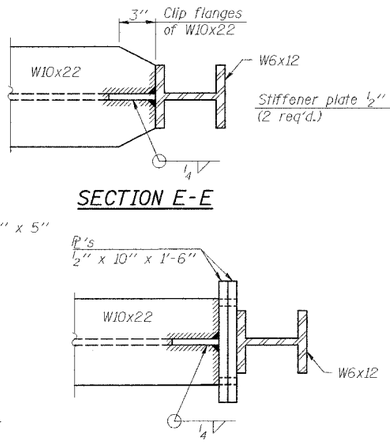
** 13/16" ϕ holes for galvanizing. After galvanizing, install 7/8" ϕ A307 hot-dip galvanized bolt to close hole in angle. (No bolt required in 1/2" plate.)




CLAMP PLATE DETAILS

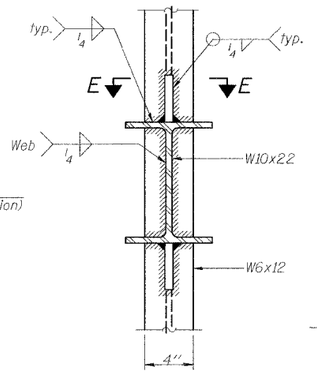



DETAIL B - WELDED W10x22 TO W6x12 CONNECTION

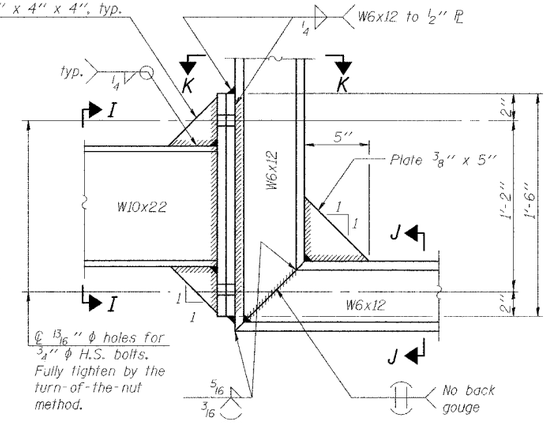



SECTION E-E

SECTION K-K

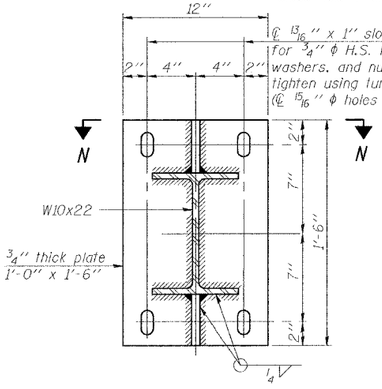



SECTION H-H



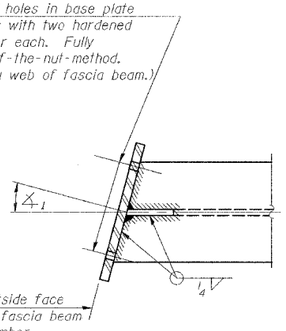

DETAIL B - ALTERNATE BOLTED W10x22 TO W6x12 CONNECTION

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




SECTION C-C

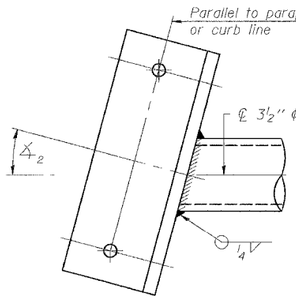
Steel beam or girder connection plate details




SECTION N-N

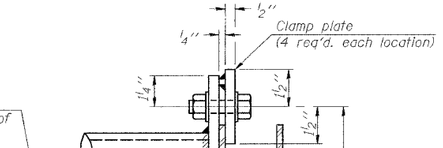
Skewed connection detail for W10x22 to fascia beam.

Note: For constant slab overhang at fascia beam, $\measuredangle_1 = \measuredangle_2$ = sign angle. For flared beams or other special cases where $\measuredangle_1 \neq \measuredangle_2$, $\measuredangle_1$ = sign angle.

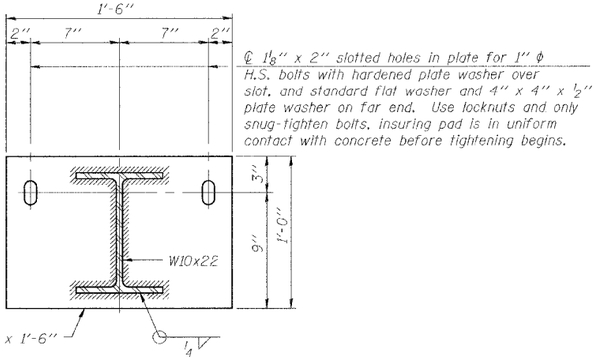



SECTION M-M

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

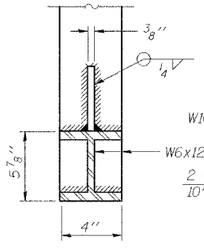



SECTION L-L

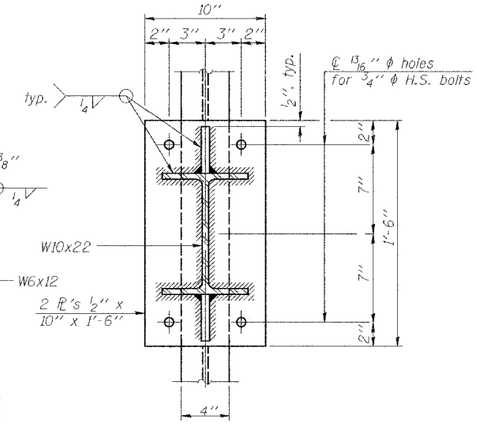



SECTION D-D

Concrete beam or girder connection plate details.




SECTION J-J




SECTION I-I

| NUMBER | REVISION | DATE |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

BRIDGE MOUNT SIGN STRUCTURES CONNECTION DETAILS

MORGAN AVENUE INTERCHANGE
FAI ROUTE 57 WITH FAU ROUTE 9718
WILLIAMSON COUNTY

SHEET 3 OF 4

SCALE: N/A

DATE: 3-19-2007

BM-3

7/01/2006

PLOT DATE = 3/18/2007
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USER NAME = dhoerner