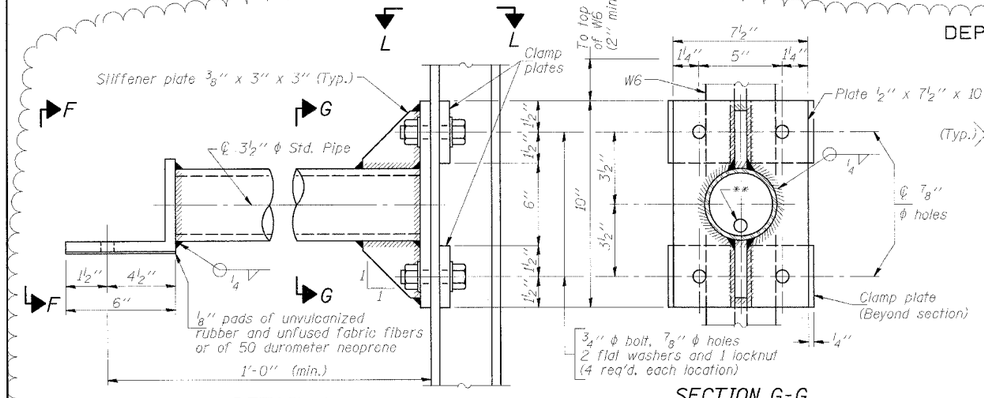
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	338C
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

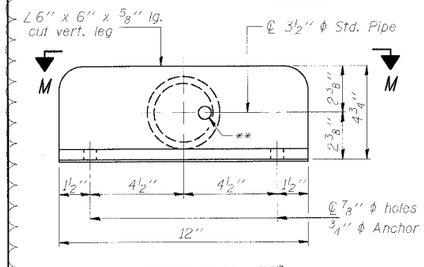
SHEET NO. - - SHEETS

62302 * (1818, ETC, 2324.6-1P)R-8

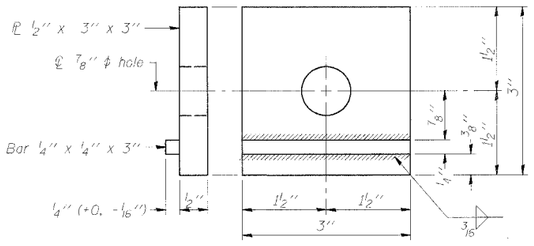


DETAIL A

SECTION G-G

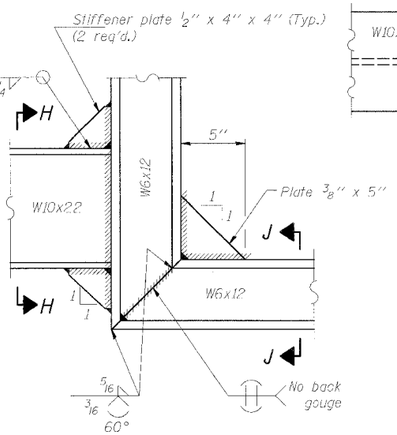


VIEW F-F

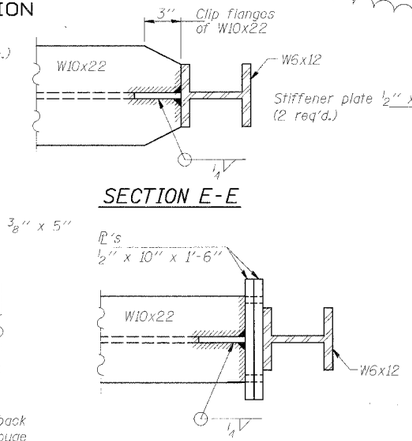


CLAMP PLATE DETAILS

**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.)

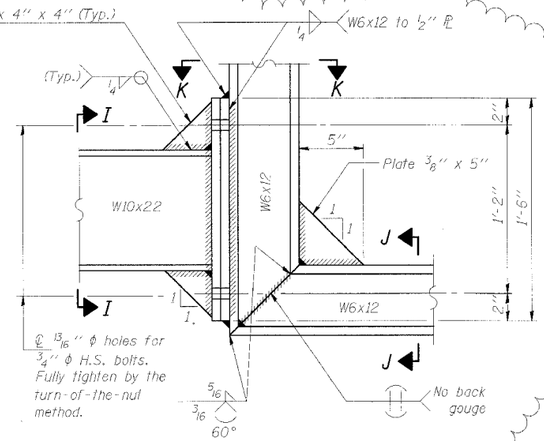


DETAIL B - WELDED
W10x22 TO W6x12 CONNECTION



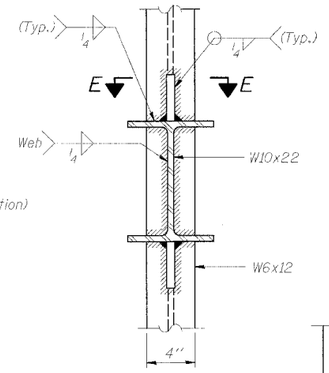
SECTION E-E

SECTION K-K

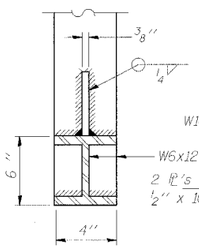


DETAIL B - ALTERNATE BOLTED
W10x22 TO W6x12 CONNECTION

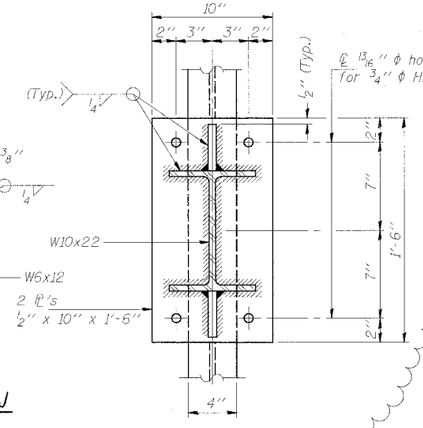
Alternate may be substituted by contractor to facilitate construction or galvanizing, especially on long struts for skewed bridges.



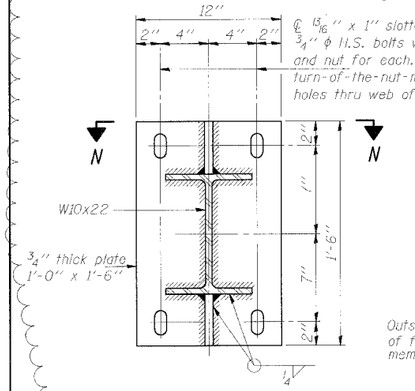
SECTION H-H



SECTION J-J

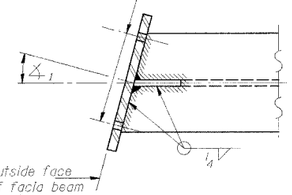


SECTION I-I



SECTION C-C

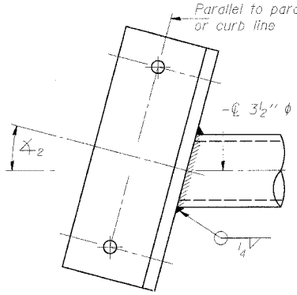
Steel beam or girder connection plate details



SECTION N-N

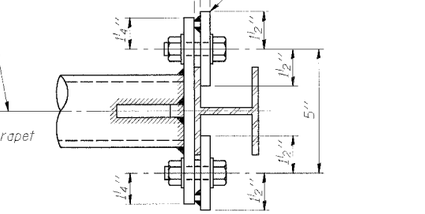
Skewed connection detail for W10x22 to facia beam.

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

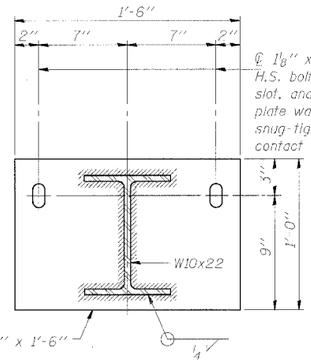


SECTION M-M

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



SECTION L-L



SECTION D-D

Concrete beam or girder connection plate details.

SGN-41C

DESIGNED	RLK
CHECKED	EL
DRAWN	ABW
CHECKED	PJM

- 20

EXAMINED

ENGINEER OF BRIDGE DESIGN

PASSED

ENGINEER OF BRIDGES AND STRUCTURES

NUMBER	REVISION	DATE
1	ADDENDUM 1	8/21/05

BM-3 Special 1/7/05

BRIDGE MOUNT SIGN STRUCTURES
CONNECTION DETAILS

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION

OVERHEAD MOUNT SIGN STRUCTURES
CONNECTION DETAILS

D:\Projects\338C\Sign Files\SGN-41C.dgn 10/5/2005 9:55:50 AM