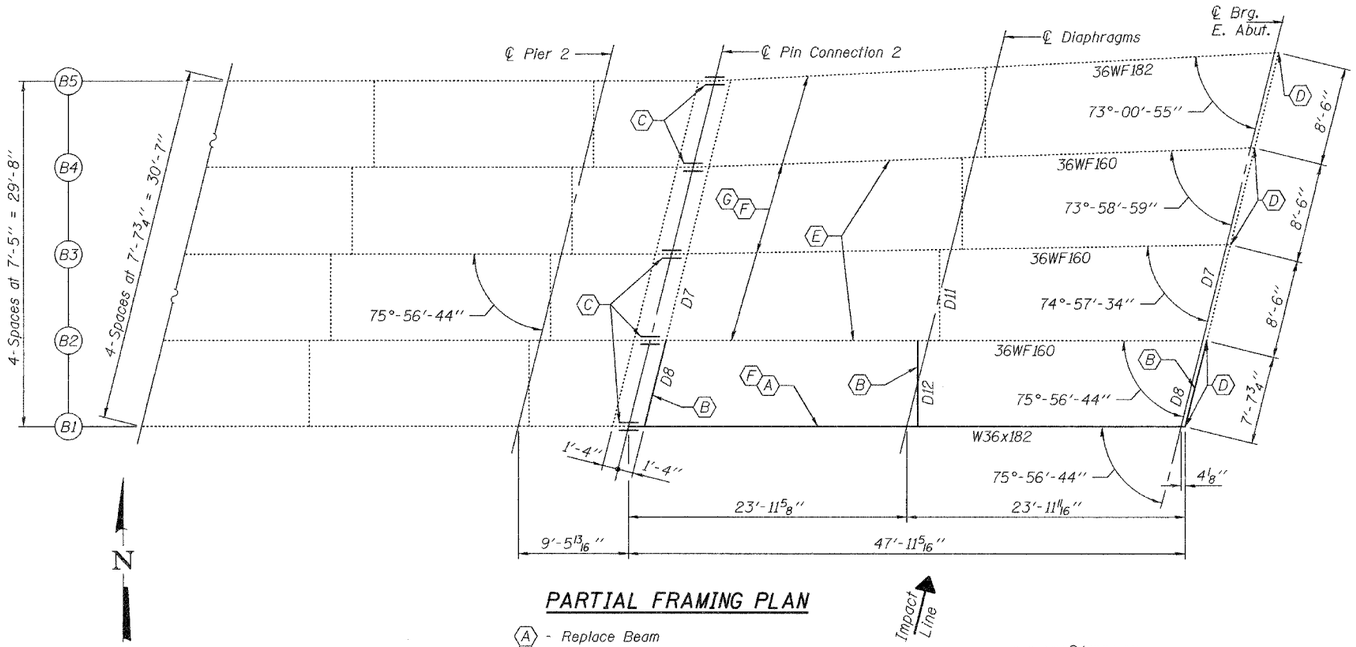
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 94	*	COOK	30	9
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 6
15 SHEETS

Contract Number: 60E12
* 1111-700 HB-BR

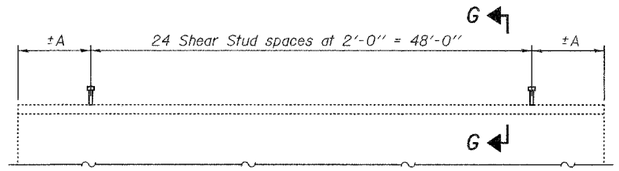


PARTIAL FRAMING PLAN

Impact Line

- (A) - Replace Beam
- (B) - * Remove & Replace Diaphragms
- (C) - Remove & Replace Pin and Link Plates
- (D) - Remove & Replace Type I Elastomeric Bearings
- (E) - Existing Beam to be Straightened
- (F) - Install Shear Studs at 2'-0" cts.
- (G) - Reposition Beams

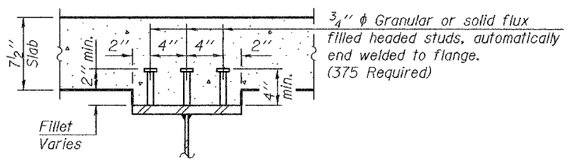
* Existing welded clip angles at B2 shall be removed by Air-Arc Method.



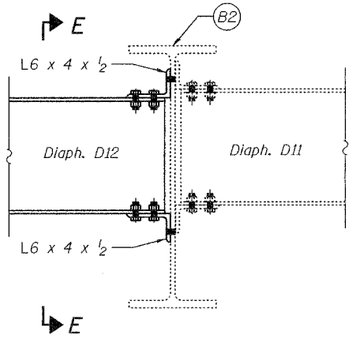
SHEAR STUD SPACING

TABLE OF DIMENSIONS

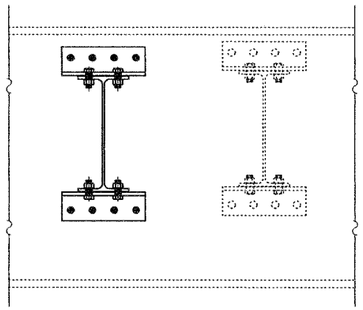
Location	Beam 1	Beam 2	Beam 3	Beam 4	Beam 5
A	4 1/16"	4 1/16"	5 5/16"	6¾"	8⅛"



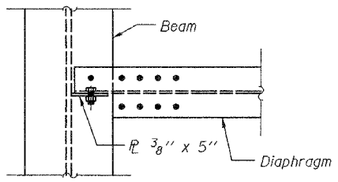
SECTION G-G



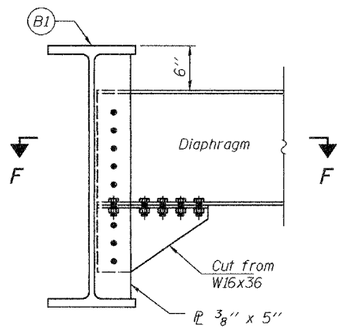
INTERIOR CONNECTION FOR DIAPHRAGMS D11 & D12



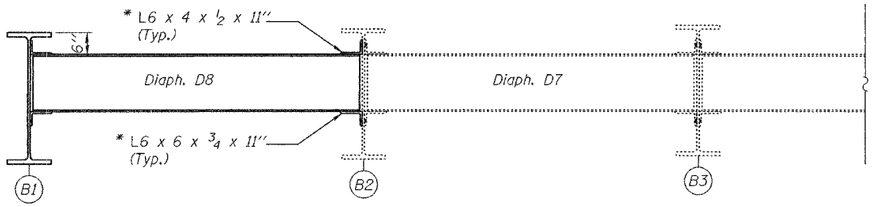
SECTION E-E



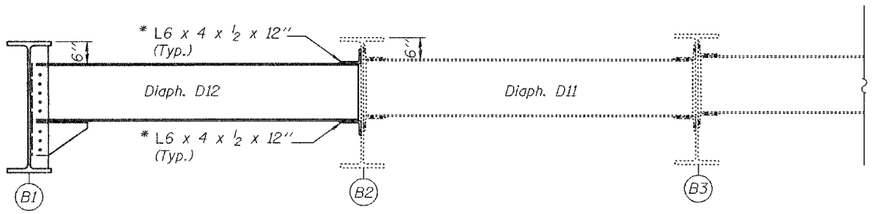
SECTION F-F



EXTERIOR CONNECTION FOR DIAPHRAGM D12



TYPICAL ELEVATION FOR DIAPHRAGMS D7 & D8



TYPICAL ELEVATION FOR DIAPHRAGMS D11 & D12

DESIGNED	ATH
CHECKED	VHV
DRAWN	Steffen
CHECKED	ATH VHV

MAY 16, 2008
EXAMINED [signature] ENGINEER OF STRUCTURAL SERVICES
PASSED [signature] ENGINEER OF BRIDGES AND STRUCTURES

STEEL FRAMING DETAILS
115th ST. OVER FAI RT. 94
COOK COUNTY
SN 016-2042

c:\projects\kms\0162042.dgn 16-May-08 09:09:31