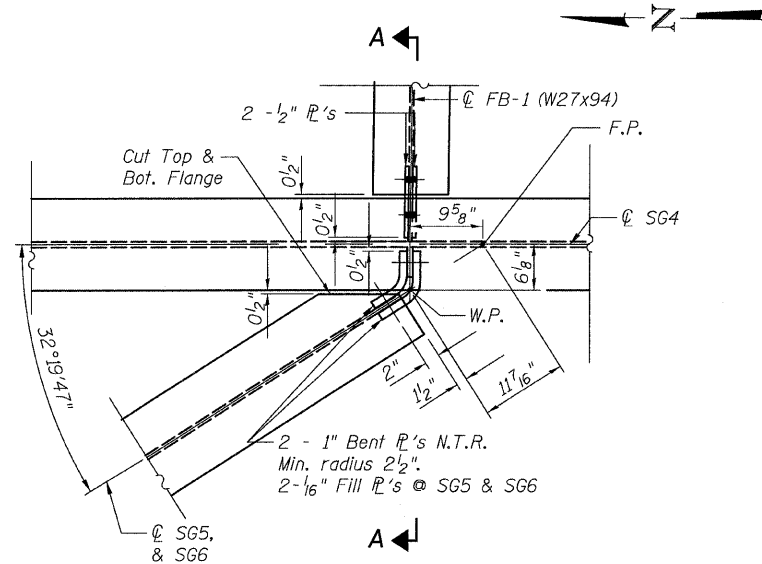
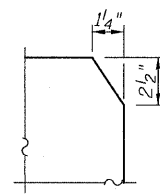


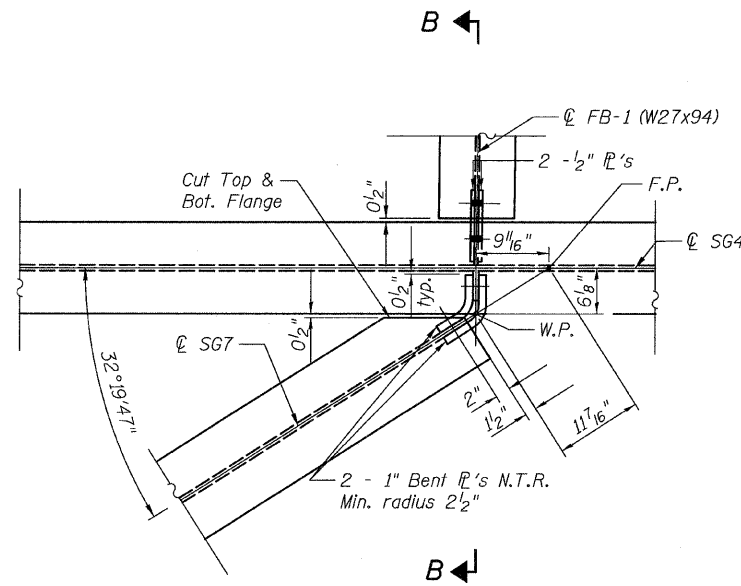
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



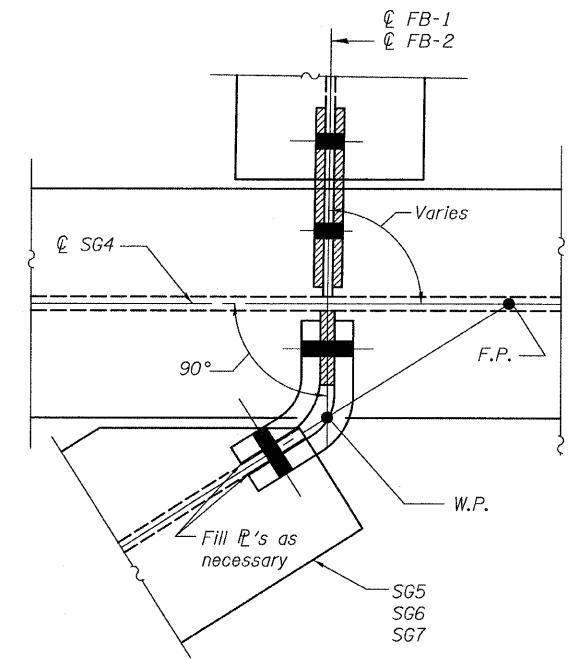
DETAIL 3



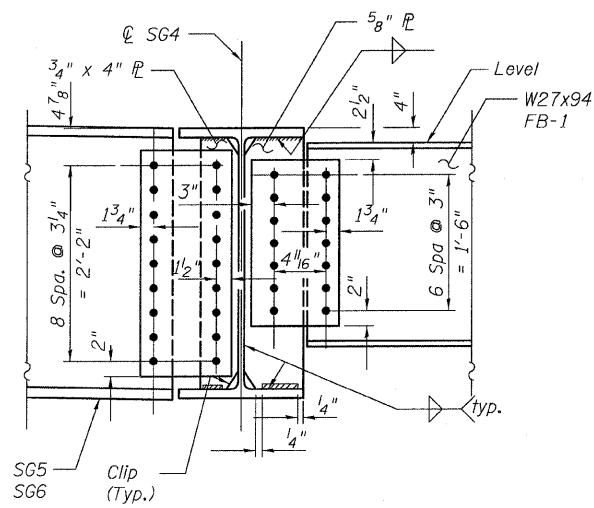
TYPICAL CLIPPING
DETAIL



DETAIL 4

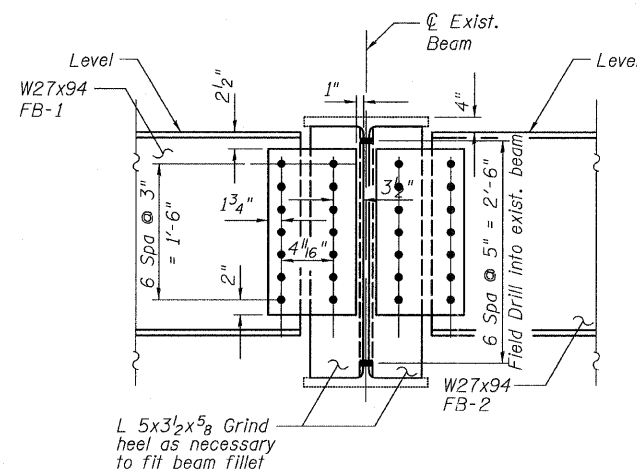


PLAN-FRAMED CONNECTION



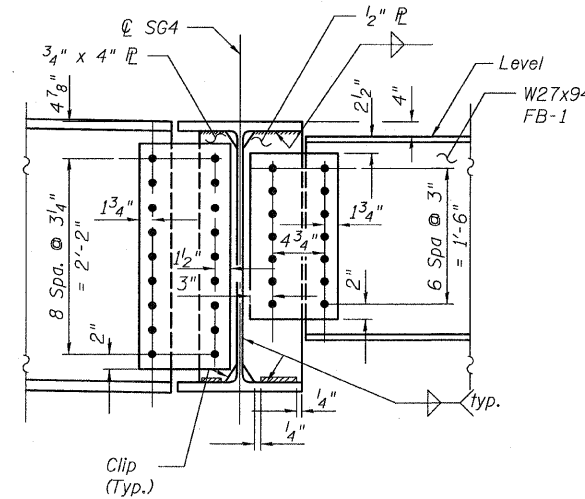
SECTION A-A

All bolts shall be 7/8" ϕ . Holes shall be 15/16" ϕ



AT EXISTING BEAM

(G1 shown, G2 similar with exception of W27x94 on 1 side only)



SECTION B-B

All bolts shall be 7/8" ϕ . Holes shall be 15/16" ϕ

NOTES:

1. Structural Steel shall conform to the requirement of AASHTO M270 Grade 50.
2. F.P. denotes Framing Point
3. Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2.
4. All Fillet Welds shall be 5/16".
5. Steel grain is to run horizontally in bent plates.

FRAMING DETAILS 3
CONNECTIONS - WEST
STRUCTURE NO. 016-3241

TYLIN INTERNATIONAL	DESIGNED - JMA	REVISIONS		SHEET NO. 40	F.A.I. RTE. 55	SECTION 0711.2R & 1011.1BR	COUNTY COOK	TOTAL SHEETS 741	SHEET NO. 293
	CHECKED - AMD,	NAME	DATE						
	DRAWN - JMA								
	CHECKED - AMD,								
	DATE - 03/25/2011								
				71 SHEETS	CONTRACT NO. 60999				
				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

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