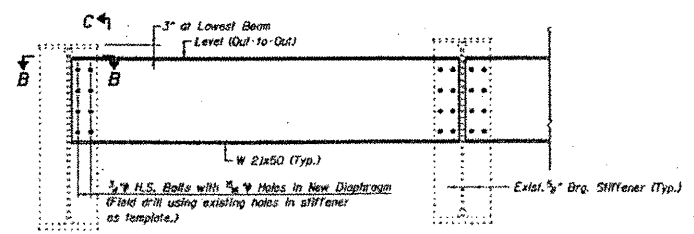


FRAMING PLAN

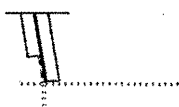
Diaphragm connection holes shall be $\frac{5}{8}$ " for $\frac{3}{4}$ " bolts. Two hardened washers shall be required at each diaphragm connection.

BILL OF MATERIAL

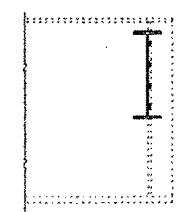
Item	Unit	Total
Furnishing and Erecting Structural Steel	Found	4770
Structural Steel Removal	Found	4770



SECTION A-A
(Diaphragm "D" - 12 Required)



SECTION B-B



SECTION C-C

STRUCTURAL STEEL DETAILS
IL. ROUTE 160 OVER U.S. ROUTE 90
SN. 014-0065

Allen Henderson & Associates, Inc.
Civil and Structural Engineers Springfield, IL.
62703 Phone: (217) 944-8033 IL. Design Firm No. 184-091907

SHEET NO. 18	F.A.P. RTE. 690	SECTION 14-12BR-1	COUNTY CLINTON	TOTAL SHEETS 72	SHEET NO. 30
14 SHEETS					
CONTRACT NO. 76B27					
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					

LOCATION 2
SN 014-0065
NO SCALE

FILE NAME * at\pwwork\pwwork\challengedsk\08287812	USER NAME * challengedsk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING STRUCTURE PLANS - SN 014-0065	F.A.P. RTE. 327/690	SECTION 14-14HB-P, 14-12BR-P	COUNTY CLINTON	TOTAL SHEETS 12	SHEET NO. 10
PLOT SCALE * 100.0000' / in.	DRAWN -	REVISED -	CONTRACT NO. 76F43							
PLOT DATE * 12/28/2011	CHECKED -	REVISED -	SCALE: NONE			SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	
	DATE -	REVISED -								