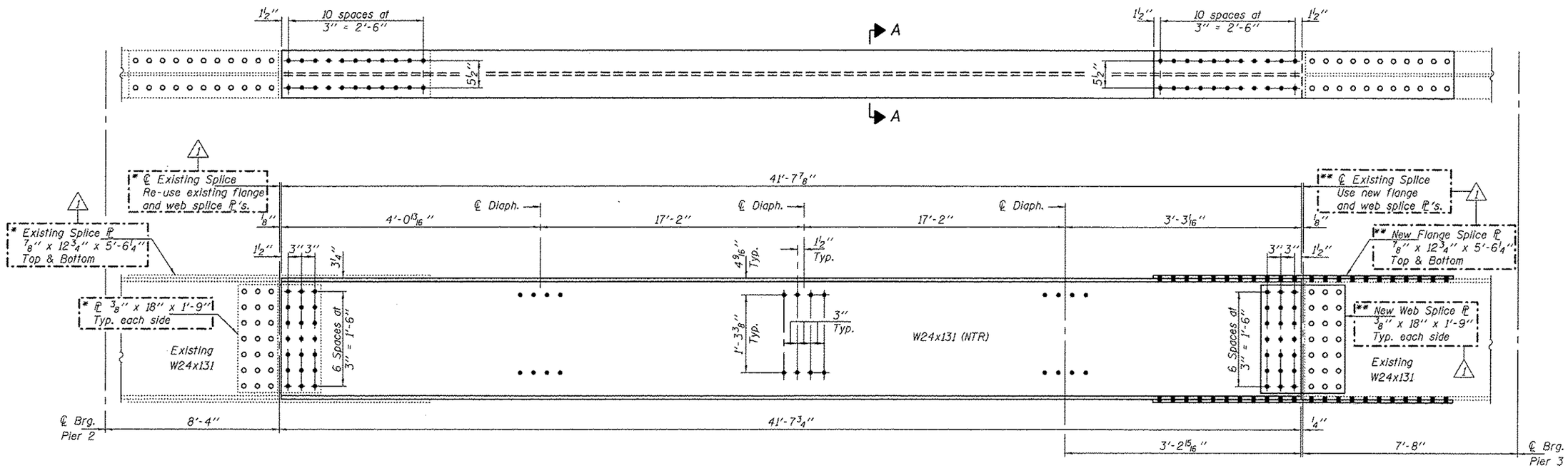


* Use existing splice PL's as template to field drill holes in new beam.

** Use existing beam as template to field drill holes in new splice PL's

ELEVATION BEAM 12

(Looking West)

Notes:

Field drill diaphragm holes in new beams using holes in existing clip L's as a template.

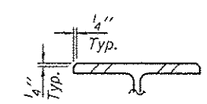
Natural camber of new beam shall be placed upward for fabrication.

Diaphragm connection holes shall be 15/16"ϕ for ¾"ϕ bolts. Two hardened washers shall be required at diaphragm connections.

The cost of all field drilling required for installation of the steel members is included with Furnishing and Erecting Structural Steel.

Removal of existing beam to be paid for as "Structural Steel Removal".

New Beam & Splice PL's to be paid for as "Furnishing & Erecting Structural Steel".



SECTION A-A

DESIGNED DAB	EXAMINED	ACTING ENGINEER OF STRUCTURAL SERVICES	DATE JUNE 26, 2012	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BEAM 12 REPLACEMENT DETAILS SN 090-0091
CHECKED GGE					
DRAWN Kyle M. Steffen	PASSED	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED 1 7/18/2012 DAB		
CHECKED DAB GGE			REVISED		SHEET NO. 4 OF 6 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14H8-1(BRI)3)-1	TAZEWELL	16	13
		CONTRACT NO. 68B19		
		ILLINOIS FED. AID PROJECT		