

Notes:
 All new bent PL's and diaphragms to be paid for as Furnishing & Erecting Structural Steel.
 All new bolts and beam end repairs to be paid for as Structural Steel Repair.
 Removal of bent PL's and diaphragms to be paid for as Structural Steel Removal.

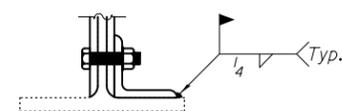
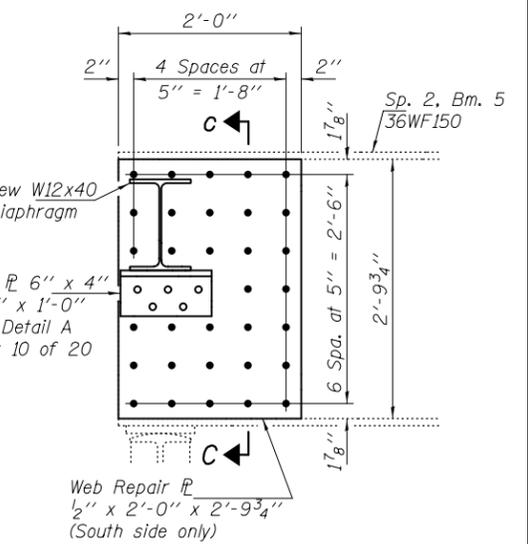
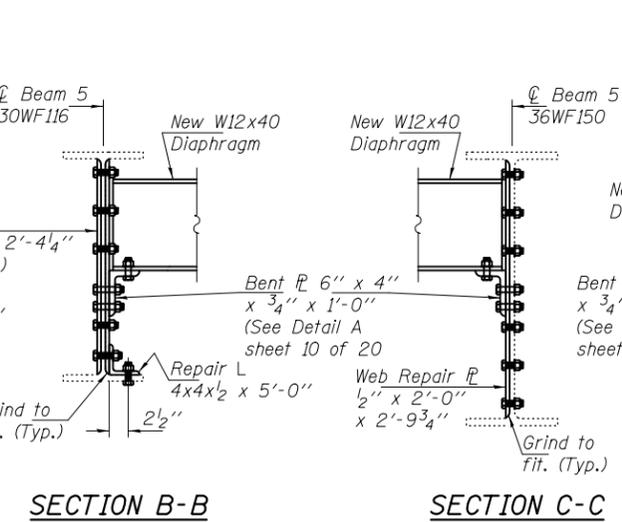
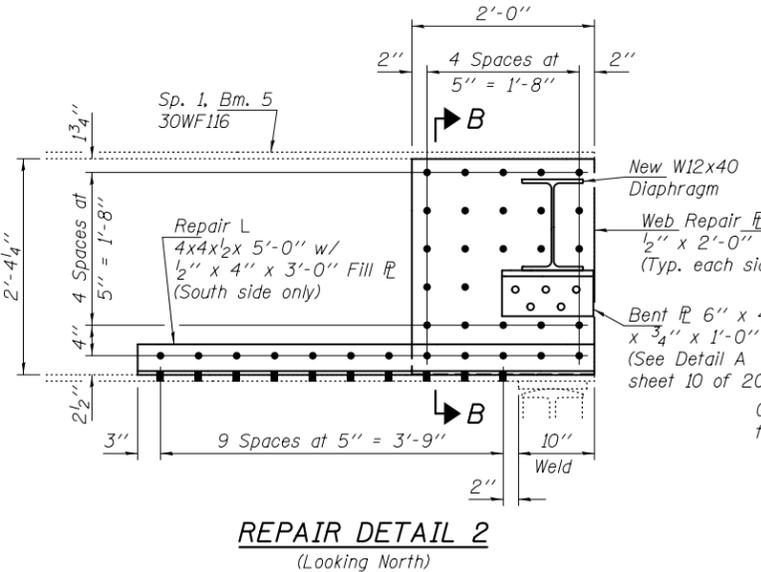
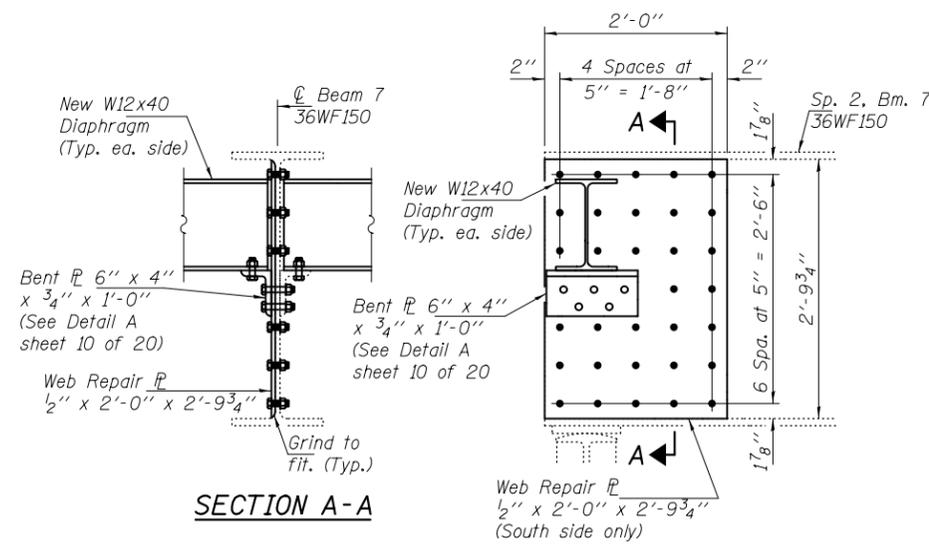
FRAMING PLAN

Dx - Diaphragm replacement
 ◻ - Beam end repair



BOLT HOLE LEGEND

● - Holes to be shop drilled.
 ○ - Holes to be field drilled.



TYPICAL WELD DETAIL

Cost of weld included with Structural Steel Repair

DESIGNED <i>TLC</i>	EXAMINED <i>Timothy A. [Signature]</i>	DATE <i>OCTOBER 16, 2014</i>
CHECKED <i>ATH</i>	PASSED <i>[Signature]</i>	REVISED
DRAWN <i>Steffen</i>	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED
CHECKED <i>TLC ATH</i>		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BEAM END REPAIRS
 SN 025-0042**

SHEET NO. 8 OF 20 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(25-6,7)RS-2	EFFINGHAM	63	57
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74638	