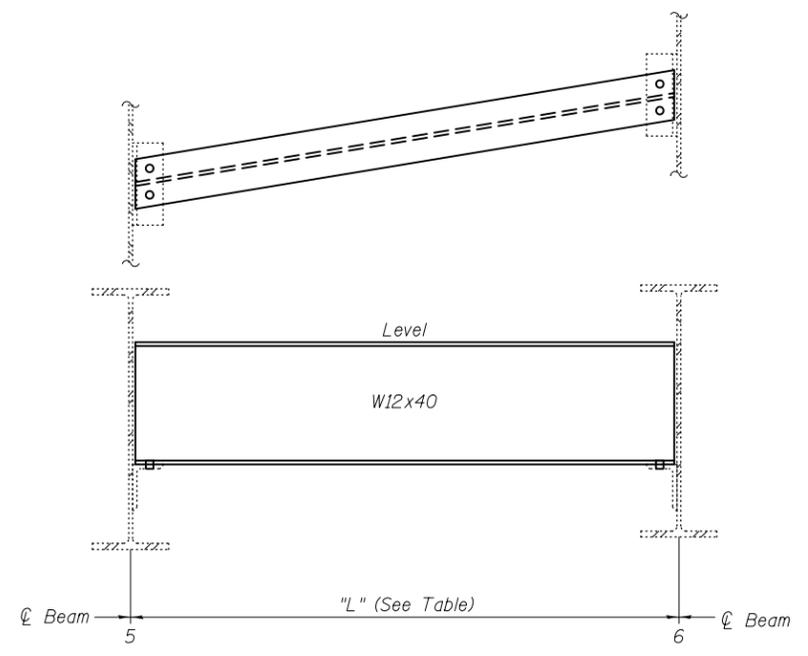
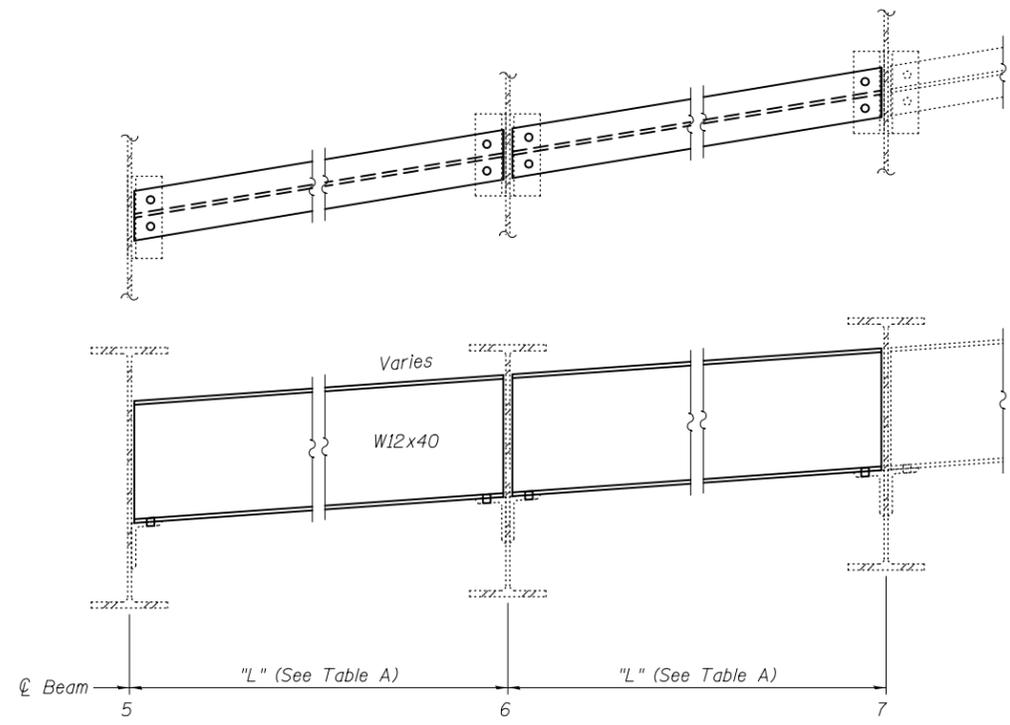


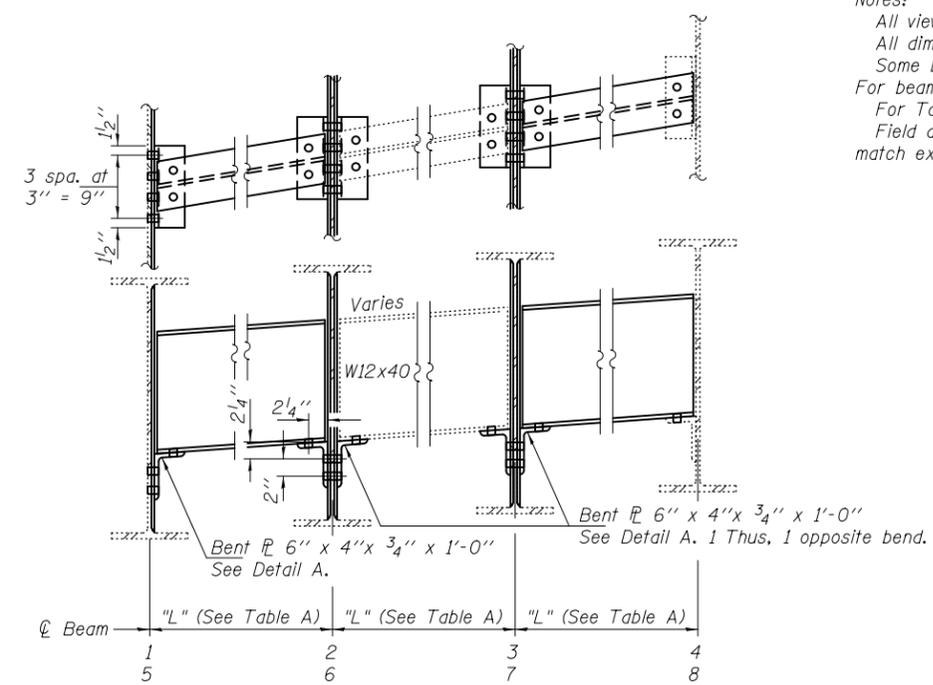
DIAPHRAGM REPLACEMENT DETAIL
Pier 3, Span 2 (D11 Beams 1 thru 4) (D12 Beams 5 thru 8)



DIAPHRAGM REPLACEMENT DETAIL
Pier 2 (D8 Span 2) (D9 Span 3)



DIAPHRAGM REPLACEMENT DETAIL
Pier 3, Span 3 (D13)



DIAPHRAGM REPLACEMENT DETAIL
East Abutment (D16 Beams 1 thru 4) (D15 Beams 5 thru 8)

Notes:
All views are looking East.
All dimensions are typical except as noted.
Some beam end repairs not shown for clarity.
For beam end repairs, see sheets 8 & 9 of 20.
For Table A & Detail A, see sheet 10 of 20.
Field drill all holes for diaphragm locations to match existing.

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIAPHRAGM REPLACEMENT DETAILS
SN 025-0042

SHEET NO. 11 OF 20 SHEETS

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|--------------|-----------|---------------------------|-----------|
| 57 | (25-6,7)RS-2 | EFFINGHAM | 63 | 58B |
| CONTRACT NO. 74638 | | | ILLINOIS FED. AID PROJECT | |