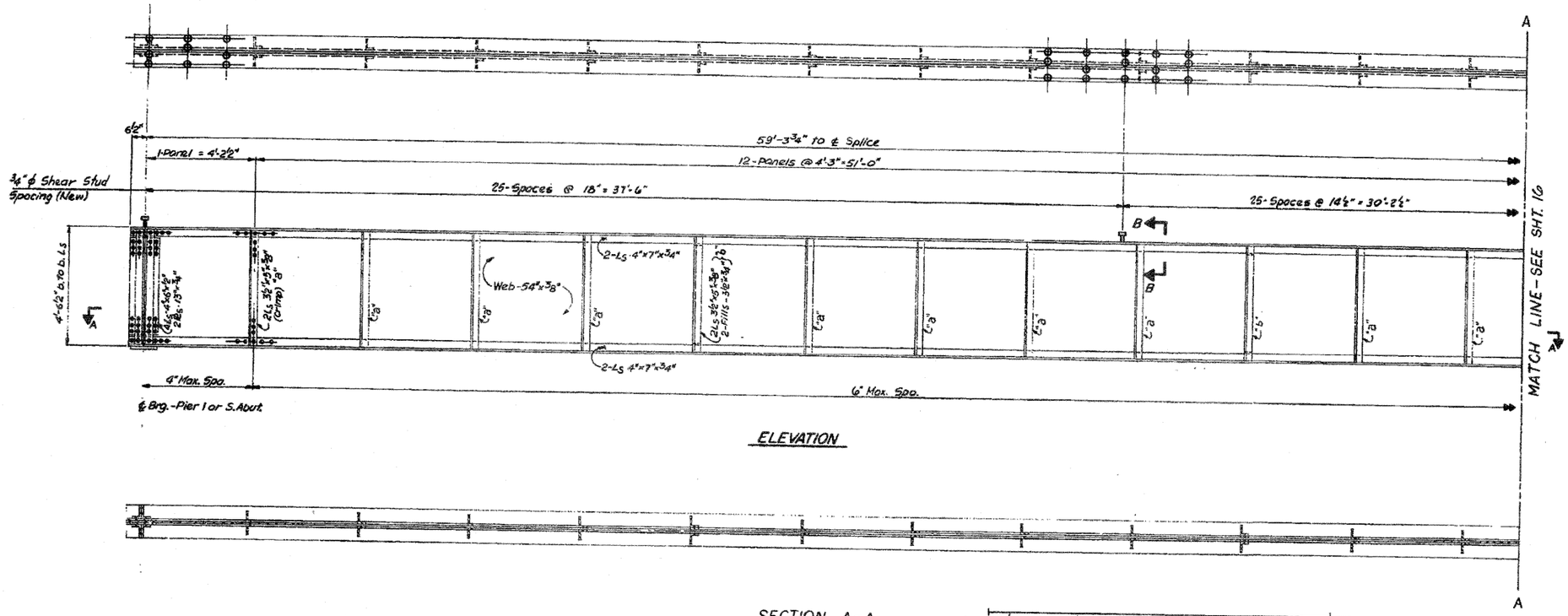
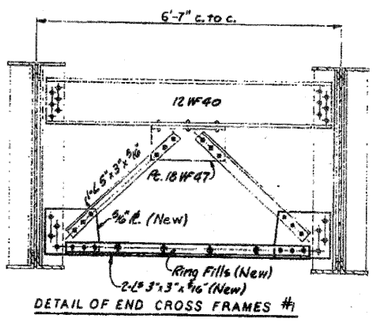
Sht. 15 of 25

| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| F.A. RTE. 599 | 17(D)BR | ROCK ISLAND | 80 | 29 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | PROJ. BR-F-599(3) | | |



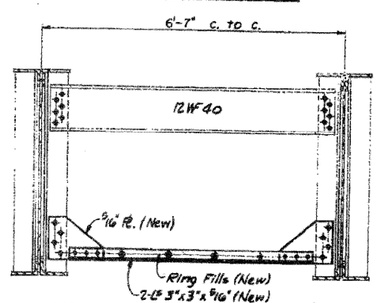

ELEVATION

SECTION A-A



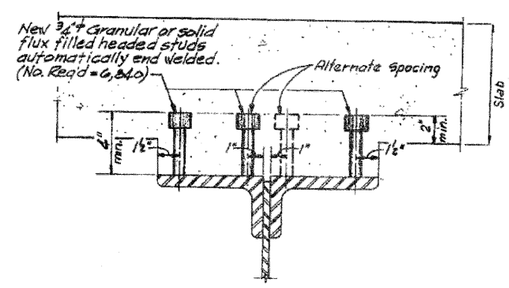

DETAIL OF END CROSS FRAMES #1

Remove bottom chord and connection ℙ's of all existing end crossframes #1 and replace with new angles and ℙ's, as shown. All connections to be made with ⅞"φ H.S. Bolts. Also remove existing rivets which connect existing Ls 5"x3"x5/16" to existing Pc. 18 WF 47 and replace with ⅞"φ H.S. Bolts.




DETAIL OF END CROSS FRAMES #1A

Remove bottom chord and connection ℙ's of all existing end crossframes #1A and replace with new angles and ℙ's, as shown. All connections to be made with ⅞"φ H.S. Bolts.




SECTION B-B
(Shear Connector Detail)

All structural steel shown on this sheet is existing, unless otherwise noted.

See note 'B' on sheet 13.
Work this sheet with sheets 12 & 13.

Estimated fasteners for all girder (10) & Cross bracing = 11720-⅞"φ H.S. Bolts

Sta. 24+38.25

ILLINOIS DIVISION OF HIGHWAYS

F.A. ROUTE 599

PROJECT BR-F-599(3) SECTION 17 (D) BR

ROCK ISLAND COUNTY

TYPICAL GIRDER & DETAILS-NORTH CHANNEL

| Designed By: SK | Drawn By: JC | Quantities By: RB |
|---|---|---|
| Checked By: DK | Checked By: SK | Checked By: SK |

Revised July 19, 1984 RWS

TORNROSE, CAMPBELL & ASSOCIATES

| FILE NAME = | USER NAME = linkdj | DESIGNED - | REVISED - |
|---|---|---|---|
| 0:\BR\Bridge Painting\Contracts\PAINTING\2012-1\PLANeng.dgn | | DRAWN - | REVISED - |
| | PLOT SCALE = 50.0138 ' / in. | CHECKED - | REVISED - |
| | PLOT DATE = Wed Jan 25 14:15:59 2012 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: ____ SHEET ____ OF ____ SHEETS STA. ____ TO STA. ____

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| var | D2 Bridge Painting 2012-1 | var | 24 | 14 |
| | | CONTRACT NO. 64H86 | | |
| | | ILLINOIS FED. AID PROJECT | | |