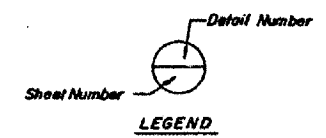


ILLINOIS APPROACH - PLATE GIRDER REPAIR SCHEDULE

| SPAN NUMBER | PIER NUMBER | GIRDER LOCATION | | | | REMARKS | SPAN NUMBER | PIER NUMBER | GIRDER LOCATION | | | | REMARKS |
|-------------|--------------|---|---|--|--|---|--------------|--------------|---|---|---|---|---|
| | | UPSTREAM | DOWNSTREAM | UPSTREAM-INSIDE | DOWNSTREAM-INSIDE | | | | UPSTREAM | DOWNSTREAM | UPSTREAM-INSIDE | DOWNSTREAM-INSIDE | |
| 16 N | 16 N TO 15 N | Sole plate and inside bott. flange angle have pack rust in between them at Pier 16 N. See Note "1", This Sheet. | Sole plate and outside bottom flange angle have pack rust in between them at Pier 16 N. See Note "1", This Sheet. | Sole plate and inside bott. flange angle have pack rust in between them at Pier 16 N. See Note "1", This Sheet. | Sole plate and outside bott. flange angle have pack rust in between them at Pier 16 N. See Note "1", This Sheet. | Upstream Girder: A = 34 1/2" for Detail "6" N = 5 | 14 N (CONT.) | 14 N TO 13 N | Outside bott. flange angle has 1/2" loss at top between stiffener #15 and the end. For repair, see detail (26) | Inside bott. flange angle has 1/2" total loss at top and bott. between stiffener #15 and the end. See above for repair. | Outside bott. flange angle has 1/2" loss at top and bottom between stiffener #1 and the end. For repair, see detail (27) | Outside bott. flange angle has 1/2" loss at top and bottom between stiffener #1 and the end. For repair, see detail (27) | Downstream Girder: A = 28 1/2" for Detail "6" N = 4 |
| | | Inside and outside bott. flange angles have 1/2" total loss top and bott. between stiffener #1 and the end. For repair, see detail (26) | The web has a hole near the bott. between stiffener #1 and the end. See Note "3", This Sheet. | The web has a hole near the bott. between stiffener #1 and the end. See Note "3", This Sheet. | The web has a hole near the bott. between stiffener #1 and the end. See Note "3", This Sheet. | | | | Outside top flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | Outside top flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | | | |
| | | Outside bott. flange angle has 3/16" loss between stiffener 1-2 and 1/2" loss between stiffener 15-End at bottom. See Note "3", This Sheet. | Outside stiffener #2 has 1/2" loss of section at bottom. See Note "3", This Sheet. | Outside top flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | Outside top flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | | | | Outside bott. flange angle has 1/2" total loss at top and bott. between stiffener #1 and the end. See Note "3", This Sheet. | Outside bott. flange angle has 1/2" total loss at top and bott. between stiffener #1 and the end. See Note "3", This Sheet. | | | |
| | | Outside bottom flange angle has 1/2" loss between stiffener 6-7, 8-9 & 11-13 at top. See Note "3", This Sheet. | Inside and outside bottom flange angles have 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | Inside bott. flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | Outside bott. flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | | | | | | | | |
| 15 N | 15 N TO 14 N | The outside bott. flange angle is thin at expansion slot at Pier 14 N. See Note "3", This Sheet. | Sole plate and outside bott. flange angle have pack rust in between them at Pier 15 N. See Note "1", This Sheet. | Inside top flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | Sole plate and outside bott. flange angle have pack rust in between them at Pier 15 N. See Note "1", This Sheet. | Downstream - Inside Girder: A = 34 1/2" for Detail "6" N = 5 Downstream Girder: A = 40 1/2" for Detail "6" N = 6 | 13 N | 13 N TO 12 N | Sole plate and inside and outside bott. flange angles have 1/2" pack rust in between them at Pier 13 N. See Note "1", This Sheet. | Sole plate and inside and outside bott. flange angles have 1/2" pack rust in between them at Pier 13 N. See Note "1", This Sheet. | Sole plate and inside and outside bott. flange angles have 1/2" pack rust in between them at Pier 13 N. See Note "1", This Sheet. | Sole plate and inside and outside bott. flange angles have 1/2" pack rust in between them at Pier 13 N. See Note "1", This Sheet. | |
| | | Outside face of the web has 1/2" loss near the bottom between stiffener #1 and the end. See Note "3", This Sheet. | Sole plate and outside bott. flange angle have pack rust in between them at Pier 14 N. See Note "1", This Sheet. | Inside bott. flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | Sole plate and outside bott. flange angle have pack rust in between them at Pier 14 N. See Note "1", This Sheet. | | | | Outside face of the web has 1/2" loss near the bottom between stiffener #1 and the end. See Note "3", This Sheet. | Outside face of the web has 1/2" loss near the bottom between stiffener #1 and the end. See Note "3", This Sheet. | | | |
| | | Outside bott. flange angle has 1/2" loss at top between stiffeners 9-10. See Note "3", This Sheet. | Outside stiffener #2 has 1/2" loss of section at bottom. See Note "3", This Sheet. | Inside and outside top flange angles have 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | Inside and outside top flange angles have 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | | | | Inside and outside top flange angles have 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | Inside and outside top flange angles have 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | | | |
| | | Inside top flange angle has 3/16" loss at bottom between stiffener #1 and the end. See Note "3", This Sheet. | The inside bottom flange angle is thin at expansion slot at Pier 14 N. See Note "3", This Sheet. | Outside bott. flange angle has 1/2" loss at top between stiffener #1 and the end. For repair, see detail (27) | Outside bott. flange angle has 1/2" loss at top between stiffener #1 and the end. For repair, see detail (27) | | | | Outside bott. flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | Outside bott. flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | | | |
| 14 N | 14 N TO 13 N | Sole plate and inside bott. flange angle have pack rust in between them at Pier 13 N. See Note "2", This Sheet. | Sole plate and outside bott. flange angle have pack rust in between them at Pier 13 N. See Note "2", This Sheet. | Sole plate and inside bott. flange angle have pack rust in between them at Pier 13 N. See Note "2", This Sheet. | Sole plate and outside bott. flange angle have pack rust in between them at Pier 13 N. See Note "2", This Sheet. | Upstream - Inside Girder: A = 28 1/2" for Detail "6" N = 4 | 12 N | 12 N TO 11 N | Sole plate and outside bott. flange angle have pack rust in between them at Pier 12 N. See Note "1", This Sheet. | Sole plate and outside bott. flange angle have pack rust in between them at Pier 12 N. See Note "1", This Sheet. | Sole plate and outside bott. flange angle have pack rust in between them at Pier 12 N. See Note "1", This Sheet. | Sole plate and outside bott. flange angle have pack rust in between them at Pier 12 N. See Note "1", This Sheet. | |
| | | Inside face of the web has 1/2" loss near the bottom between stiffener #1 and the end. See Note "3", This Sheet. | Outside top flange angle has 1/2" loss between stiffener #1 and the end. See Note "3", This Sheet. | Inside and outside top flange angles have 1/2" loss at top and bott. between stiffener #1 and the end. See Note "3", This Sheet. | Inside and outside top flange angles have 1/2" loss at top and bott. between stiffener #1 and the end. See Note "3", This Sheet. | | | | Outside top flange angle has 1/2" loss between stiffener #1 and the end. See Note "3", This Sheet. | Outside top flange angle has 1/2" loss between stiffener #1 and the end. See Note "3", This Sheet. | | | |
| | | Outside bott. flange angle has 3/16" total loss at top and bott. between stiffener #1 and the end. See Note "3", This Sheet. | Inside top flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | Outside bott. flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | Outside bott. flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | | | | Outside bott. flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | Outside bott. flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | | | |
| | | Outside bott. flange angle has 1/2" loss at top between stiffeners 1-2, 9-10 and 12-14. See Note "3", This Sheet. | Inside top flange angle has 1/2" loss at top and bottom between stiffener #1 and the end. See Note "3", This Sheet. | Outside bott. flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | Outside bott. flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | | | | Outside bott. flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | Outside bott. flange angle has 1/2" loss at top between stiffener #1 and the end. See Note "3", This Sheet. | | | |

DESIGNED *[Signature]*
CHECKED R.F.C.
DRAWN *[Signature]*
CHECKED R.F.C. - F.S.

- NOTES:
- Clean girder end and remove all rust, foreign material and old paint down to the bare metal. Seal bearing using Fixed Bearing Repair Details, Sheet 31.
 - Clean girder end and remove all rust, foreign material and old paint down to the bare metal. Expansion bearing is being replaced. See Bearing Repair Schedule, Sheets 28-30, and Expansion Bearing Replacement Details, Sheet 32.
 - Clean and remove all rust, foreign material and old paint down to the bare metal. Cost incidental to "Cleaning and Painting."



NOTE: Work This Sheet with Sheets 25 thru 32.

BRIDGE NO. 1
STRUCTURE 002-0005
FOR INFORMATION ONLY

ILLINOIS APPROACH SPANS
GIRDER REPAIR SCHEDULE
F.A.U.S. Rte 9811 (U.S. 60 & 62)
S.B.I. 150 SECTION 138D-BR
ALEXANDER CO., IL. MISSISSIPPI CO., MO.
STATION 28 + 13.08