| ROUTE NO. | SEC. | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| F.A. 194 | 3 B1 3 F1 | WINNEBAGO | 25 / 17 | 13 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. 7 | ILLINOIS | | | |

14'-0"
20"x 3/4" x 133'-6" Cover Plate
20"x 3/4" x 49'-0 Cover Plate
1½" Min. Typ.
1½" Min. Typ.
℄ Girder 1
10½ x ½" Strap
℄ Brg. Abut. No 1
Floor Beams
Stiffener Spacing
Max Rivet Pitch
Match Line A This Sheet
6'-6½" B. to B. of ø
19 Eq. Spcs. = 58½"
78 x 7/16" Web
2 ø 4 x 7 x 7/16" a1 (Crimp)
2 ø 4 x 7 x 7/16" Fill a3
2 ø 4 x 7 x 7/16" Fill a2
4 ø 4 x 7 x ½" With 5/8" Fill
2 ø 8 x 8 x 7/8" Full Length
D
D
2 - 19" x 1/2" x 5'-2" Splice Pls. - 1 Each Side
78 x 7/16" Web
℄ Girder 2

— PART ONE —
# GIRDER ELEVATION
Scale : ½" = 1'-0"

Bottom Flange Cover Plates Same As Shown For Top Flange
20"x 3/4" x 41'-0" Cover Plate
20"x 3/4" x 30'-0" Cover Plate
2-20"x 3/4" x 22'-0" Cover Plates
20 x 3/4" Splice Pl.
℄ Web Splice & Cover Plate Splice
℄ Girder 1

Match Line A
Floor Beams
Stiffenar Spacing
Max. Rivet Pitch
Match Line B Sheet 14
℄ Brg. Pier No 1 or No 2
2 ø 8 x 8 x 7/8" Full Length
2 Splice ø 7x7x 7/8" From 8x8x 7/8" ∠ (1 Ea. Side)
1 Pl 5/8" Fill
1 Pl 5/8" Fill
78 x 7/16" Web
19 Eq. Spcs. = 58½"
2 - 19" x 1/2" x 6'-2" Splice Pls. - 1 Each Side
2 Splice ø 7x7x 7/8" From 8x8x 7/8" ∠ (1 Each Side)
Mill & Grind To Fit Fillet For Bearing
2 ø 4 x 7 x 7/16" (Crimp) a1
2 ø 4 x 7 x 7/16" Fill a3
2 ø 4 x 7 x 7/16" Fill a2
C
C
Bottom Flange Cover Plates Same As Shown For Top Flange

NOTE:
For Notes See Sheet 12.

℄ Brg. Pier No 1 or No 2
℄ Girder 1
℄ Girder 2

## SECTION C-C
Scale : 1½" = 1'-0"

3½"
⅜" Pl.
2 ø - 4 x 3½ x ⅜
1 ∠ 6 x 3½ x ⅜"
1 ∠ 6 x 3½ x ⅜"
3½"

Note:
Detail Occurs At Cross Frames Only
For Cross Frame Location See Drwg. No 11.

## SECTION D-D
Scale : 1½" = 1'-0"

3½"
6 x 3½ x ⅜"
½"
⅜" Pl.

## DETAIL X
Scale : 1½" = 1'-0"

| | |
|---|---|
| ILLINOIS DIVISION OF HIGHWAYS<br>ROCKFORD BYPASS | |
| F. A. ROUTE 194 | |
| PROJECT _____ | SECTION 3 B 1 |
| WINNEBAGO COUNTY | |
| GIRDER DETAILS PART I | |
| MADDEN, CAMPBELL & ASSOCIATES CONSULTING ENGINEERS<br>WESTERN SPRINGS, ILLINOIS — CHICAGO, ILLINOIS | |
| Designed By: E. S. — Drawn By: G. W. G. — Checked By: | |

FOR INFORMATION ONLY