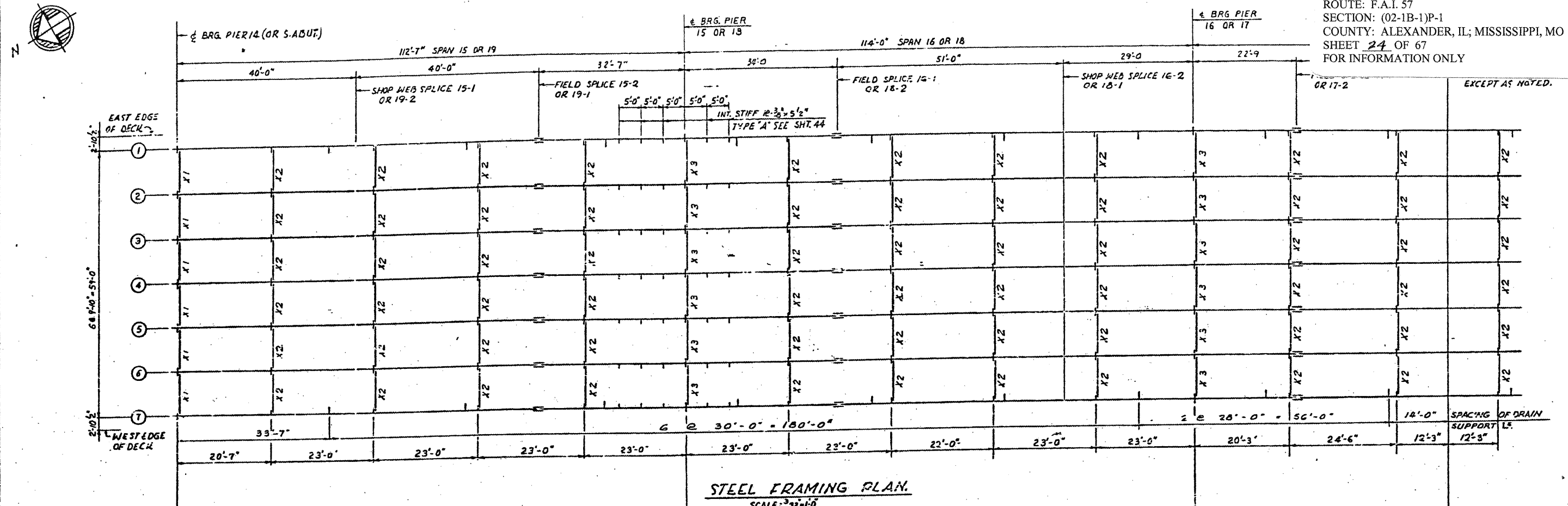
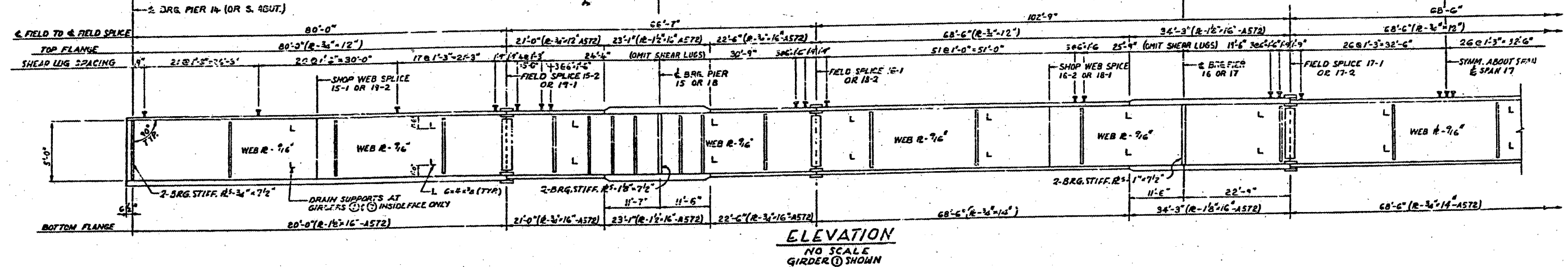


CONTRACT: 78040
 ROUTE: F.A.I. 57
 SECTION: (02-1B-1)P-1
 COUNTY: ALEXANDER, IL; MISSISSIPPI, MO
 SHEET 24 OF 67
 FOR INFORMATION ONLY



STEEL FRAMING PLAN
 SCALE: 3/32"=1'-0"



ELEVATION
 NO SCALE
 GIRDER (1) SHOWN

NOTES:
 MATERIAL - A36 - EXCEPT AS NOTED.
 ALL DIMENSIONS SHOWN ARE IN
 A HORIZONTAL PLANE.
 SHEAR LUGS ARE TO BE
 FURNISHED AND INSTALLED
 UNDER SECTION (02-1B-1) D.
 SHEAR LUGS ARE TO BE OMITTED AT
 SCUPPER LOCATIONS.

GIRDER ELEVATIONS-FOR FABRICATION ONLY

| GIRDER | LOCATION | S.W.S. = SHOP WEB SPLICE F.S. = FIELD SPLICE | | | | | | | | | | | | | | | |
|--------|----------|---|-------------|-----------|---------|-----------|-------------|---------|-----------|-----------|---------|-------------|-----------|---------|-----------|-------------|-----------------|
| | | Q. BRG. PIER 14 | S.W.S. 15-1 | F.S. 15-2 | PIER 15 | F.S. 16-1 | S.W.S. 16-2 | PIER 16 | F.S. 17-1 | F.S. 17-2 | PIER 17 | S.W.S. 18-1 | F.S. 18-2 | PIER 18 | F.S. 19-1 | S.W.S. 19-2 | Q. BRG. S.ABUT. |
| 1 | | 379.882 | 379.773 | 377.697 | 376.692 | 375.684 | 374.169 | 373.316 | 372.654 | 370.599 | 369.376 | 369.000 | 367.910 | 366.445 | 365.521 | 364.516 | 363.130 |
| 2 | | 380.036 | 379.147 | 377.851 | 376.346 | 375.798 | 374.314 | 373.470 | 372.807 | 370.752 | 370.050 | 369.154 | 367.564 | 366.599 | 365.674 | 364.669 | 363.283 |
| 3 | | 380.190 | 379.301 | 378.004 | 376.499 | 375.951 | 374.467 | 373.623 | 372.961 | 370.906 | 370.203 | 369.307 | 367.717 | 366.752 | 365.828 | 364.823 | 363.437 |
| 4 | | 380.343 | 379.454 | 378.157 | 376.652 | 376.105 | 374.621 | 373.777 | 373.115 | 371.060 | 370.357 | 369.461 | 367.871 | 366.906 | 365.982 | 364.977 | 363.591 |
| 5 | | 380.190 | 379.301 | 378.004 | 376.499 | 375.951 | 374.467 | 373.623 | 372.961 | 370.906 | 370.203 | 369.307 | 367.717 | 366.752 | 365.828 | 364.823 | 363.437 |
| 6 | | 380.036 | 379.147 | 377.851 | 376.346 | 375.798 | 374.314 | 373.470 | 372.807 | 370.752 | 370.050 | 369.154 | 367.564 | 366.599 | 365.674 | 364.669 | 363.283 |
| 7 | | 379.882 | 378.993 | 377.697 | 376.192 | 375.644 | 374.160 | 373.316 | 372.654 | 370.599 | 369.376 | 369.000 | 367.910 | 366.445 | 365.521 | 364.516 | 363.130 |

ELEVATIONS ARE GIVEN TO TOP OF GIRDER WEB PLATE.

FILLET WELD TABLE

| FLANGE R THICKNESS | WELD SIZE |
|---------------------|-----------|
| OVER 1/2" TO 3/4" | 1/4 |
| OVER 3/4" TO 1 1/2" | 5/16 |

BRIDGE NO. 1
 STRUCTURE NO. 002-0022
 FOR INFORMATION ONLY

FRAMING PLAN - SPANS 15 TO 19
 F. A. I. RTE. 57 OVER THE MISSISSIPPI RIVER
 PROJECT 1-57-9(5)D
 SECTION (02-1B-1)D
 ALEXANDER COUNTY, ILLINOIS
 MISSISSIPPI COUNTY, MISSOURI
 STA. 1141 + 84.75 TO STA. 1182 + 75.25