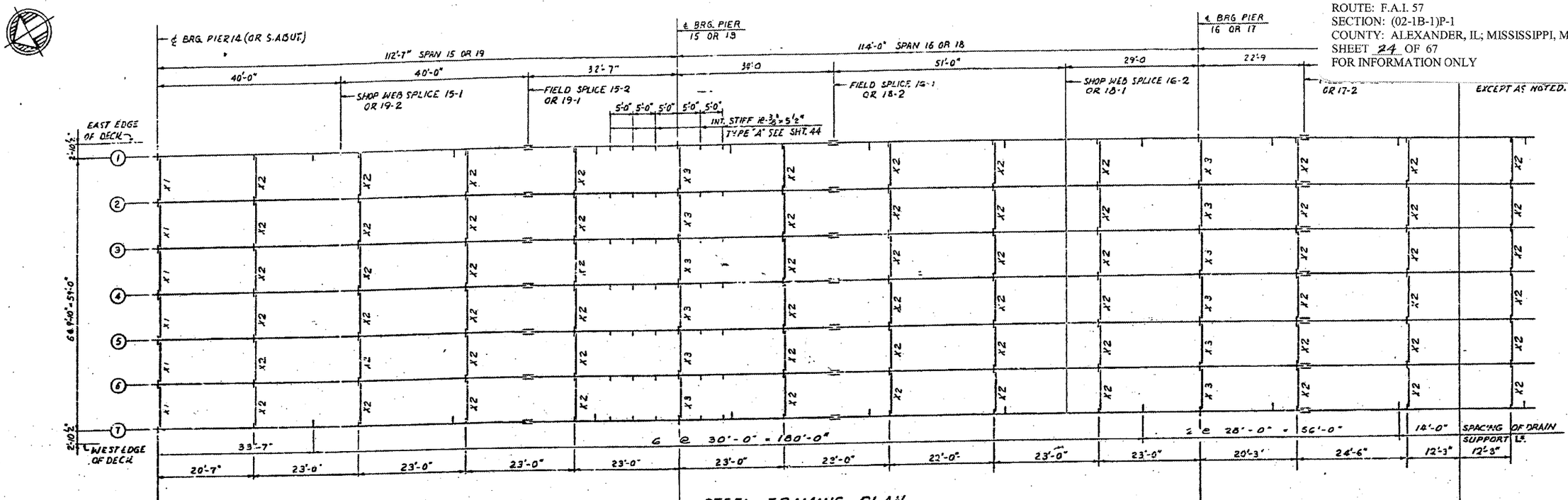
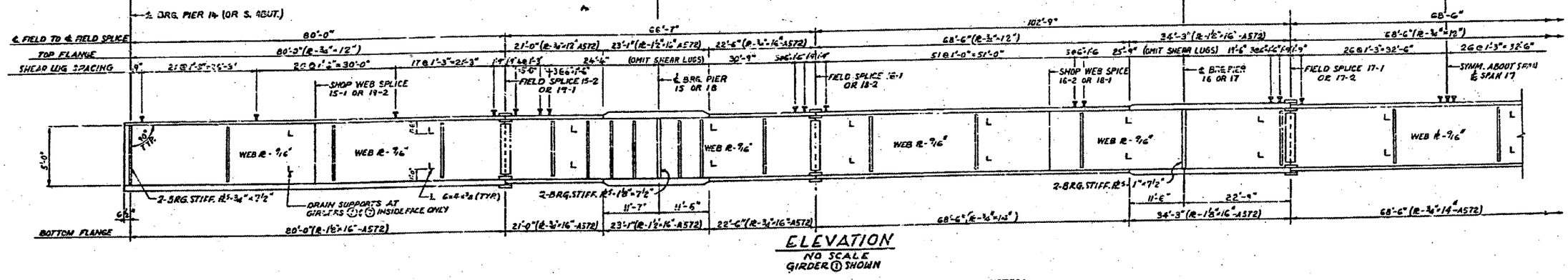
CONTRACT: 78040
ROUTE: F.A.I. 57
SECTION: (02-1B-1)P-1
COUNTY: ALEXANDER, IL; MISSISSIPPI, MO
SHEET 24 OF 67
FOR INFORMATION ONLY




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




## ELEVATION
NO SCALE
GIRDER 1 SHOWN

## GIRDER ELEVATIONS-FOR FABRICATION ONLY

S.W.S. = SHOP WEB SPLICE
F. S. = FIELD SPLICE

| GIRDER \ LOCATION | ℄ 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 | ℄ BRG. S. ABUT. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 379.992 | 379.993 | 377.697 | 376.692 | 375.644 | 374.169 | 373.316 | 372.654 | 370.599 | 369.896 | 369.000 | 367.410 | 366.445 | 365.521 | 364.516 | 363.130 |
| 2 | 380.036 | 379.147 | 377.851 | 376.846 | 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 | 376.999 | 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 | 378.158 | 377.153 | 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 | 376.999 | 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 | 376.846 | 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 | 376.692 | 375.644 | 374.160 | 373.316 | 372.654 | 370.599 | 369.896 | 369.000 | 367.410 | 366.445 | 365.521 | 364.516 | 363.130 |

ELEVATIONS ARE GIVEN TO TOP OF GIRDER WEB PLATE.

## FILLET WELD TABLE

| FLANGE & THICKNESS | WELD SIZE |
|---|---|
| OVER ½" TO ¾" | ¼ |
| OVER ¾" TO 1½" | 5/16 |

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.

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 I-57-9(510)
SECTION (02-1B-1)10
ALEXANDER COUNTY, ILLINOIS
MISSISSIPPI COUNTY, MISSOURI
STA. 1141 + 84.75 TO STA. 1182 + 75.25