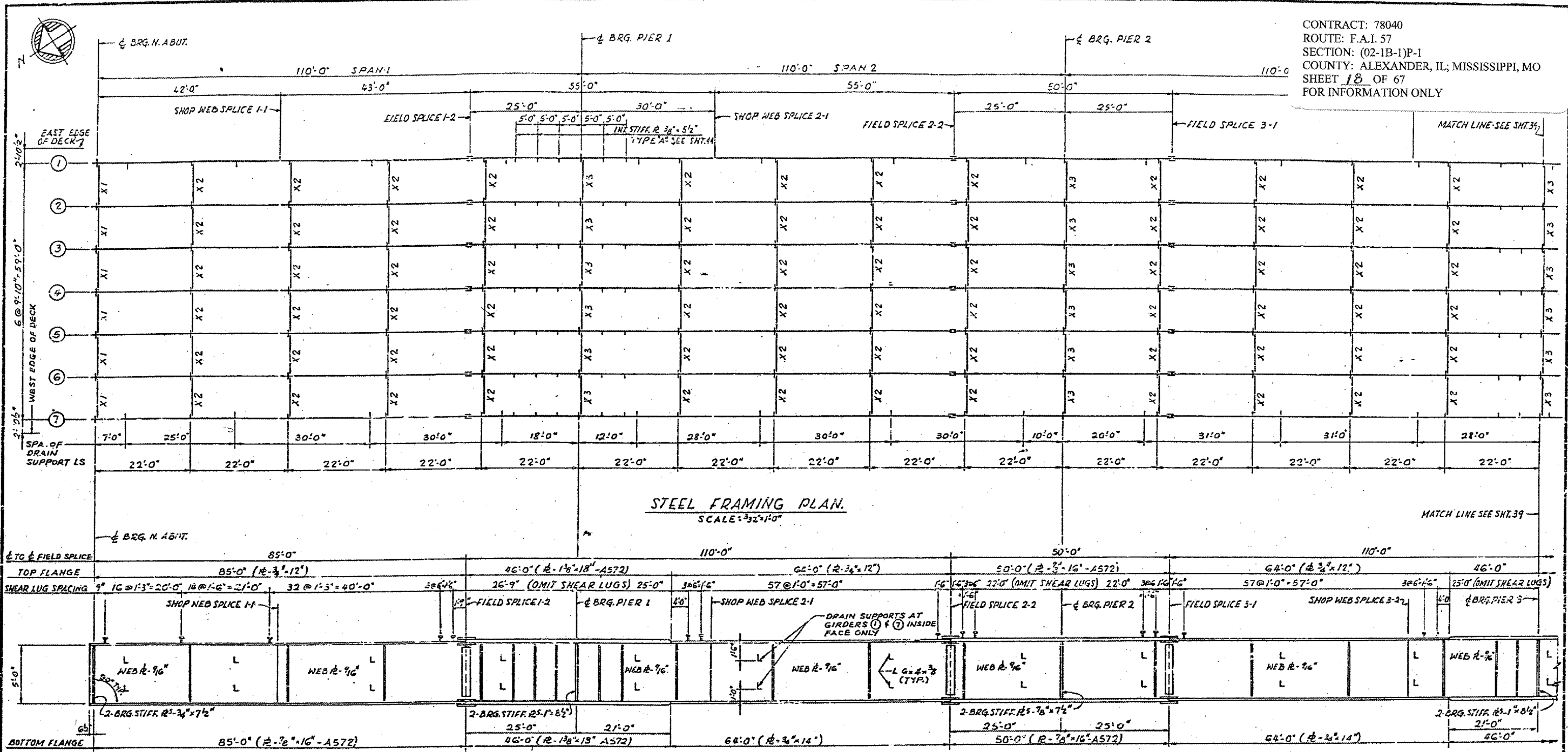


CONTRACT: 78040  
 ROUTE: F.A.I. 57  
 SECTION: (02-1B-1)P-1  
 COUNTY: ALEXANDER, IL; MISSISSIPPI, MO  
 SHEET 18 OF 67  
 FOR INFORMATION ONLY



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

ELEVATION  
 NO SCALE  
 GIRDER @ 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.

FILLET WELD TABLE

| FLANGE R THICKNESS | WELD SIZE |
|--------------------|-----------|
| 6/16 TO 3/4        | 1/2       |
| OVER 3/4 TO 1 1/2  | 5/16      |

GIRDER ELEVATIONS-FOR FABRICATION ONLY

| GIRDER | LOCATION | BRG. N. ABUT. | S.W.S. 1-1 | F.S. 1-2 | PIER 1  | S.W.S. 2-1 | F.S. 2-2 | PIER 2  | F.S. 3-1 | S.W.S. 3-2 | F.S. 4-1 | S.W.S. 4-2 | CHK SPAN 4 |
|--------|----------|---------------|------------|----------|---------|------------|----------|---------|----------|------------|----------|------------|------------|
| 1      |          | 343.026       | 343.597    | 343.890  | 344.197 | 344.565    | 345.534  | 345.996 | 346.457  | 347.518    | 348.258  | 348.858    | 350.877    |
| 2      |          | 343.180       | 343.751    | 344.044  | 344.350 | 344.719    | 345.688  | 346.150 | 346.611  | 347.672    | 348.411  | 349.012    | 350.279    |
| 3      |          | 343.334       | 343.904    | 344.198  | 344.504 | 344.872    | 345.841  | 346.304 | 346.764  | 347.826    | 348.565  | 349.165    | 350.432    |
| 4      |          | 343.487       | 344.058    | 344.351  | 344.658 | 345.026    | 345.995  | 346.457 | 346.918  | 347.979    | 348.718  | 349.319    | 350.586    |
| 5      |          | 343.334       | 343.904    | 344.198  | 344.504 | 344.872    | 345.841  | 346.304 | 346.764  | 347.826    | 348.565  | 349.165    | 350.432    |
| 6      |          | 343.180       | 343.751    | 344.044  | 344.350 | 344.719    | 345.688  | 346.150 | 346.611  | 347.672    | 348.411  | 349.012    | 350.279    |
| 7      |          | 343.026       | 343.597    | 343.890  | 344.197 | 344.565    | 345.534  | 345.996 | 346.457  | 347.518    | 348.258  | 348.858    | 350.877    |

ELEVATIONS ARE GIVEN TO TOP OF GIRDER WEB PLATE.

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

FRAMING PLAN - SPANS 1, 2, 3 & 4  
 F. A. I. RTE. 57 OVER THE MISSISSIPPI RIVER  
 PROJECT 1-57-9 (510)  
 SECTION (02-1B-1)D  
 ALEXANDER COUNTY, ILLINOIS  
 MISSISSIPPI COUNTY, MISSOURI  
 STA. 1141 + 84.75 TO STA. 1182 + 75.25