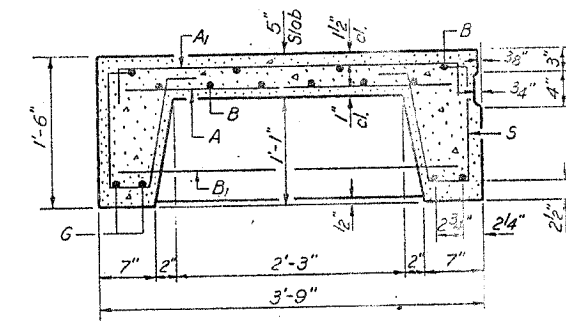
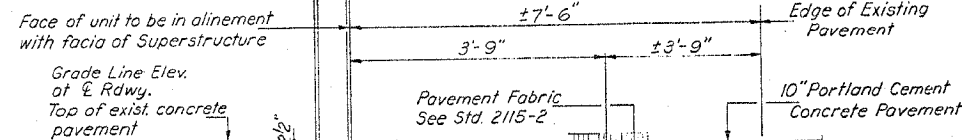
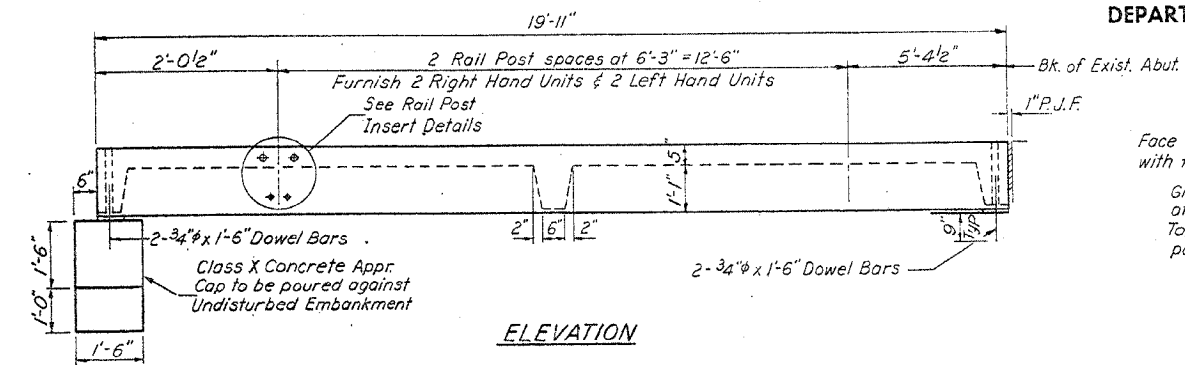


| | | | | |
|---------------------|---------------------------|------------|--------------|-----------|
| F.A.P. RT. 1 | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 301 | 22BR-1 | STEPHENSON | 32 | 17 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |

SHEET NO. 2
5 SHEETS

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

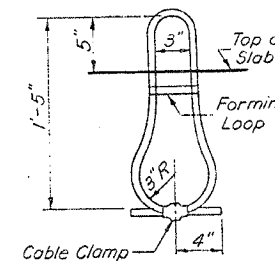
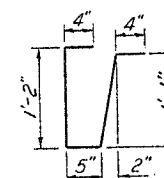
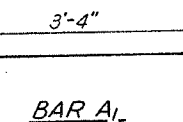
FOR INFORMATION PURPOSES ONLY



BAR LIST - ONE UNIT

Reinforcement to be cast into slab

| Bar | No | Size | Length | Shape |
|-----|----|------|--------|-------|
| A | 52 | #4 | 3'-3" | |
| A1 | 27 | #4 | 4'-0" | |
| B | 10 | #4 | 19'-6" | |
| B1 | 6 | #4 | 3'-6" | |
| G | 4 | #10 | 19'-6" | |
| S | 42 | #3 | 3'-4" | [|



GENERAL NOTES
Unless otherwise approved by the Engineer, lifting loops shall be 1/2", 6x19 class wire rope with fiber core and shall have a minimum ultimate strength of 18,700 lbs. Loops shall be burned off after slab has been erected. Holes shall be drilled and anchor dowels grouted in place. Cost of reinforcement and accessories cast into the slab unit, bearing pads, furnishing, drilling for, placing and grouting anchor dowels and 3/4" hooked bolts is included in Unit bid price for "Precast Concrete Bridge Slab".

BILL OF MATERIAL

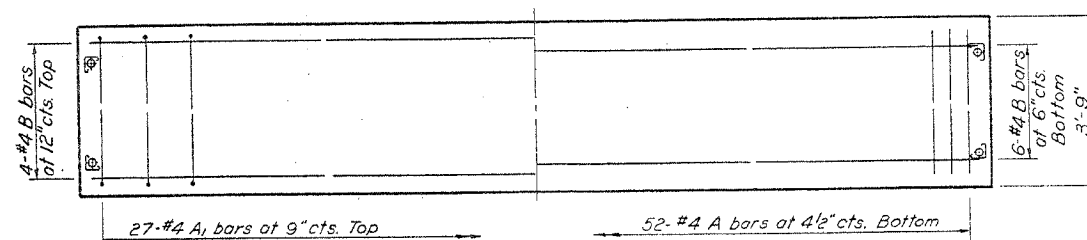
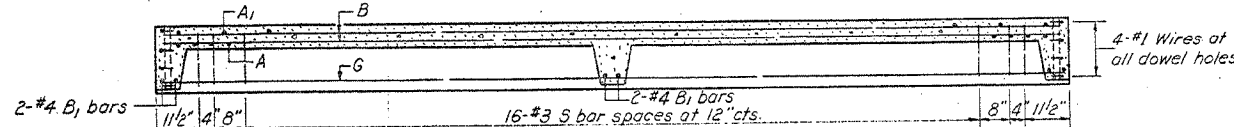
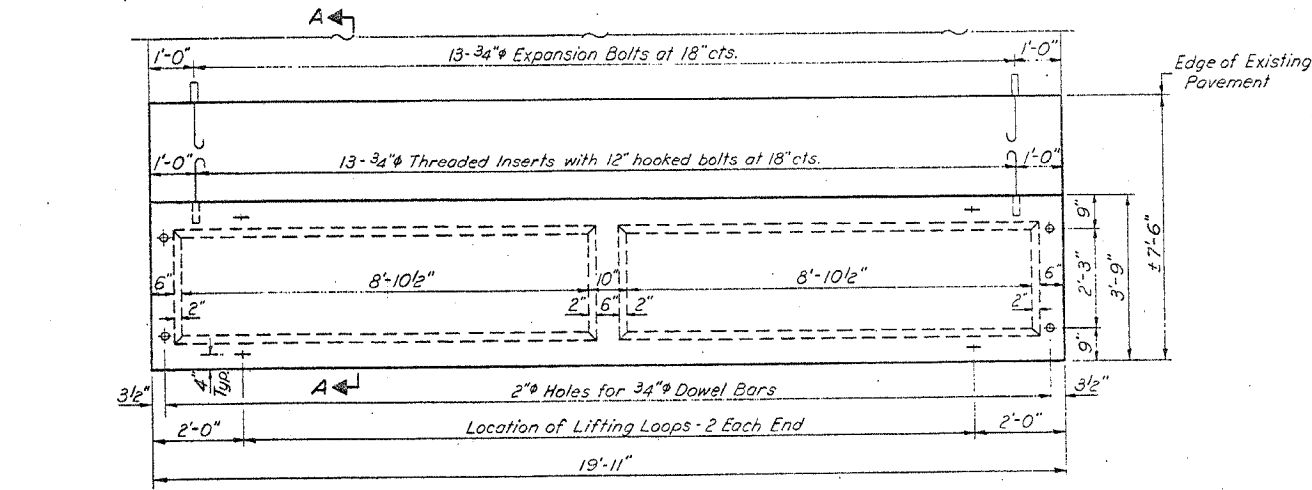
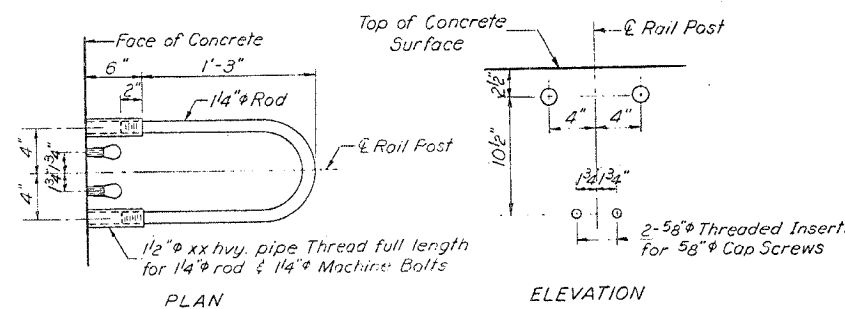
| Item | Unit | Quantity |
|--|----------|----------|
| Precast Concrete Bridge Slab | Sq. Ft. | 299 |
| Portland Cement Concrete Pavement (10) | Sq. Yds. | 33 |
| Pavement Fabric | Sq. Yds. | 33 |
| Expansion Bolts 3/4" | Each | 52 |
| Class X Concrete | Cu. Yds. | 1.5 |

STRESSES

fc = 4,500 psi
fc = 1,800 psi
fs = 20,000 psi
n = 8

LOADING HS-20

APPROACH DETAILS
S.B.I. RT. 5 SEC. 22 BR
STEPHENSON COUNTY
STA. 391+45



| | |
|----------|----------------|
| DESIGNED | James Pence |
| CHECKED | Jack Armstrong |
| DRAWN | J.L. Armstrong |
| CHECKED | JP |

| | |
|----------|---------------------|
| EXAMINED | Aug. 8 1969 |
| PASSED | H.G. Beumann |
| APPROVED | Richard H. Peterson |