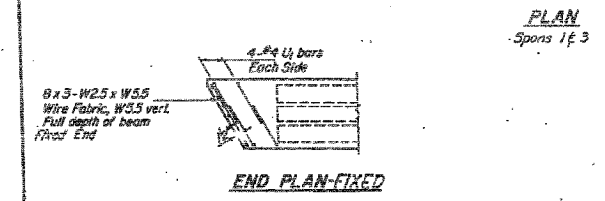
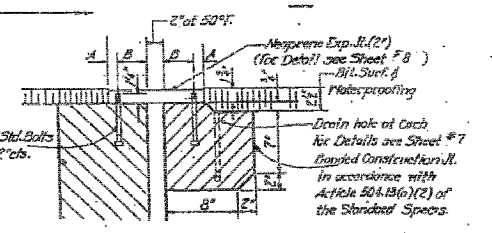
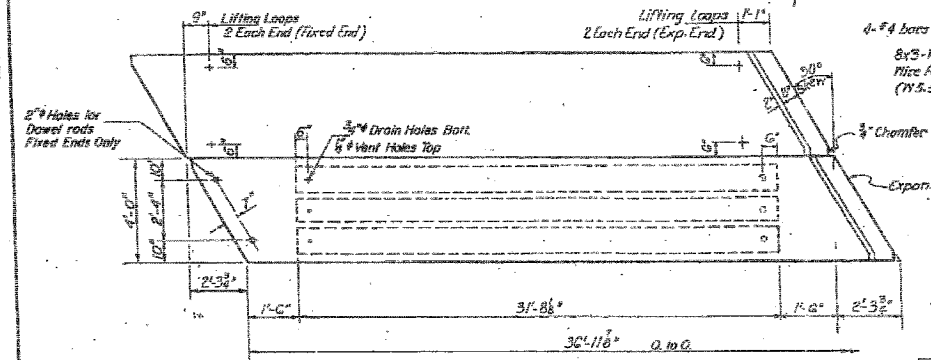
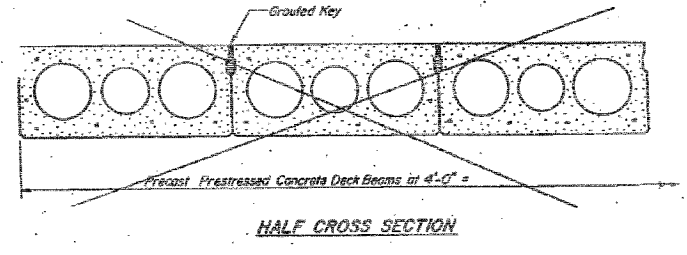
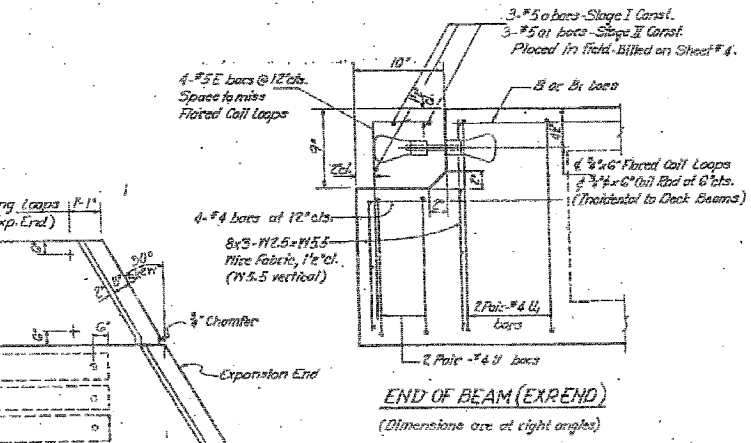
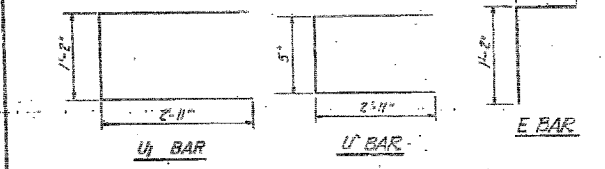
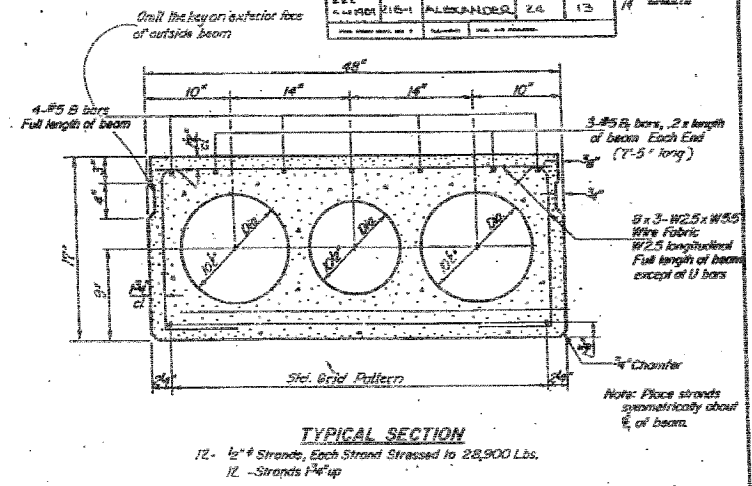
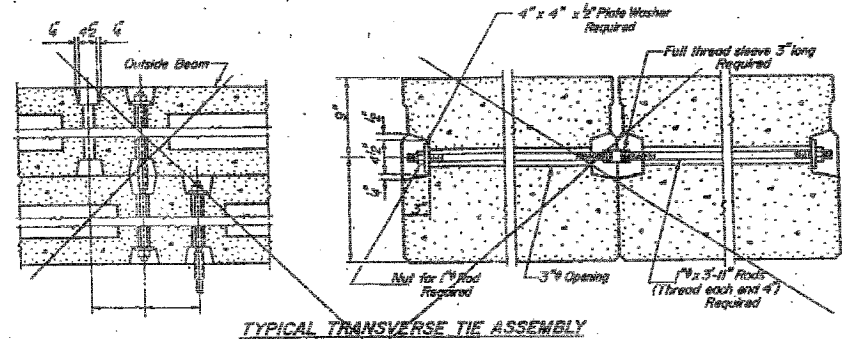
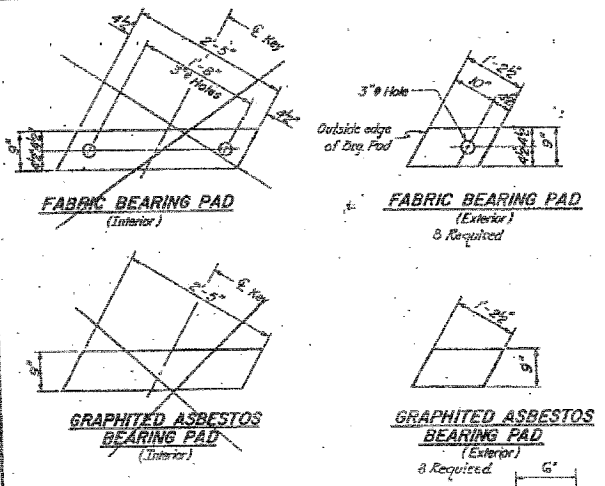


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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|-----------|------|----|-----|-----------|
| DESIGNED | DATE | BY | NO. | SHEET NO. |
| ALEXANDER | 2.6 | 13 | 11 | 82 |



DESIGNED: Patrick M. Pina
CHECKED: Amy J. Brown
DRAWN: S.V.H.
CHECKED: A.L.B.

EXAMINED: James J. Reardon
DATE: July 9, 1982
APPROVED: [Signature]

NOTES

Reinforcing steel shall be non-galvanized high strength, stress-relieved 7-wire strand Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in. Lifting loops shall be 1/2" diameter, 6x25 class wire rope with fiber core and shall have a minimum ultimate tensile strength of 2,000 lbs. or 2 1/2" or 2 3/4" 270 ksi strands as shown on Sheet #6. The #4 rods in the transverse tie assembly shall be tightened to a snug fit and the beams set. Pockets that receive transverse tie bars on outside shall be filled with grout after transverse tie assembly is in place.

Reinforcement bars shall conform to AASHTO M-31 or M-53, Grade 60. The bearing seal surfaces shall be adjusted by shimming to assure firm and even bearing. Two 1/8" fabric adjusting shims of the dimensions of the Exterior Bearing Pad shall be provided for each bearing.

Railway cutouts shall be cleaned to remove from oil or other bond breaking material prior to shipment of the beams. Cleaning shall be done by sandblasting the railway areas between top of the beam and the bottom edge of key.

BILL OF MATERIAL

| Bar | No. | Size | Length | Shape |
|---|-----|---------|--------|-------|
| Precast Prestressed Concrete Deck Beams (17'x48") | | Sq. Ft. | 572 | |

SUPERSTRUCTURE SPANS 163
F.A.S.R.T. SEC. 21B-1
ALEXANDER COUNTY
STA. 261+60.00

FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS



| | | | | | | | | | | | |
|----------------------|--------------------|----------------|-----------|---|--------------------------|-----------------|----------------------------------|---|--------------------|--------------|--|
| FILE NAME = #FILE# | USER NAME = #USER# | DESIGNED - JMH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | EXISTING STRUCTURE PLANS | F.A.S.R.T. 1907 | SECTION 21BR-1 | COUNTY ALEXANDER | TOTAL SHEETS 82 | SHEET NO. 31 | |
| PLOT SCALE = #SCALE# | DRAWN - JMH | CHECKED - JMH | REVISED - | | | SCALE: NONE | SHEET NO. OF SHEETS STA. TO STA. | FED. ROAD DIST. NO. 7 (ILLINOIS) FED. AID PROJECT | CONTRACT NO. 78032 | | |
| PLOT DATE = #DATE# | DATE - 03/04/08 | REVISOR - | REVISED - | | | | | | | | |
| | | | | | | | | | | | |