# STATE OF ILLINOIS
# DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
# DIVISION OF HIGHWAYS

# PLANS FOR PROPOSED
# STATE BOND ISSUE HIGHWAY

| SCALES | | | |
|---|---|---|---|
| | PLAN | 1 INCH | 100 FT. |
| | PROFILE HOR. | 1 INCH | 100 FT. |
| | PROFILE VERT. | 1 INCH | 10 FT. |
| | CROSS-SECTIONS | 1 INCH | 5 FT. |

## REGULAR FEDERAL AID PROJ. 188-F

## S.B.I. ROUTE 104 ~ SEC. 123-D, 123-E, 123-F, 123-P ~ MORGAN CO. PIKE CO.

Steel Superstructure for 2 spans @ 240'-10", 2 @ 495'-10" and 1 @ 566'-8" for Bridge at Sta. 842+14 a point across the Illinois River at Meredosia.

### INDEX TO SHEETS


Sheet No. 1 Title Page
" " 2 Standards 1673 and 1516
" " 3 to 25 Inc. Spec. Bridge Design Sta. 842+14
" " 26 Standard 1688 (With Cover)
" " 27 to 36 Inc. Struct. Plans (Shts. 2-8 Incl. of 15-B)
" " 37 Standard No. 1177.
" " 37 (a) Standards ~ 1653; 1635.
" " 37 (b) " 1649; 1650.
" " 37 (c) " 1661; 1663.


### SUMMARY of QUANTITIES

**SEC. 123-D**

| | | |
|---|---|---|
| 323190 | lbs. | Reinforcement Bars |
| 18210 | lbs. | C.I. Frames and Grates |
| 1199.5 | cu.yds | Class X Concrete |
| 15500 | lbs. | Struct. Steel (carbon) |
| 133.2 | sq.yds. | P.C.C. Pavement (10½"-10½"-16½") |
| 100 | lin.ft. | Plain Conc. Gutter, Type B. |
| 100 | cu.yds. | Borrow |
| 45 | sq.yds. | P.C.C. Pavement. |
| 2011 | bbls. | Cement. |

**SEC. 123-E**

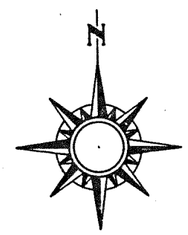
| | | |
|---|---|---|
| 2025920 | lbs. | Structural Steel (silicon) |
| 2185820 | lbs. | Structural Steel (carbon) |
| 41670 | lbs. | Cast Steel Shoes |
| 1 | each | Lighting System Complete |

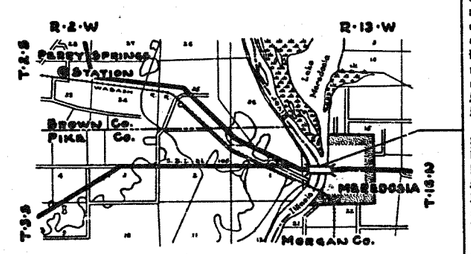
**SEC. 123-F**

| | | |
|---|---|---|
| 41670 | lbs | Cast Steel Shoes |
| 2 | each | Name Plates |
| 2025920 | lbs. | Structural Steel (silicon) |
| 2201320 | lbs. | Structural Steel (carbon) |

**SEC. 123-P**

| | | |
|---|---|---|
| 4,211,740 | Lbs. | Applying Paint for Field Coats to Structural Steel |
| 41670 | Lbs | Applying Paint for Field Coats to cast Steel Shoes |



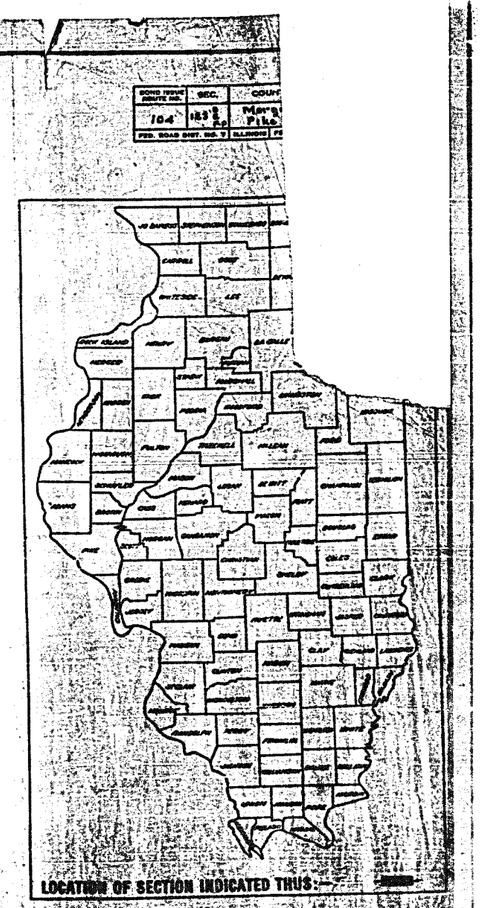

·LAYOUT·
Approx. Scale : 1 inch = 1 mile

**Section 123-D includes:** Construction of the concrete floor on the steel truss spans, the rail posts on the west abutment, the west approach pavement and gutter, the completion of the earth backfill at the west abutment, the furnishing and installation of the cast iron frames and grates, the transportation from unloading point at Meredosia and erection of fabricated roadway and curb expansion guards for the Illinois River Bridge at Meredosia.

**Section 123-E includes:** Unloading and transportation from the unloading point at Meredosia to the bridge site and erection of fabricated structural steel and cast steel and the furnishing and installation of the roadway and navigation lighting system for the Illinois River Bridge at Meredosia.

**Section 123-F includes:** Furnishing and fabrication of structural steel, cast iron shoes and name plates, the application of the shop coat of paint and delivery f.o.b. Meredosia, Ill. for the Illinois River Bridge at Meredosia.

**Section 123-P,** consists of applying the paint for spot painting of rivet heads and abrasions of the shop coat and for two field coats of paint for the entire steel structure, including cast steel shoes and the lighting system.

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DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
DIVISION OF HIGHWAYS
May 28 1949
Submitted for
L. D. Thomas
Chief Engineer
Chief Engineer
Chief Engineer

| | |
|---|---|
| STATE LINE | |
| COUNTY LINE | |
| CITY, VILLAGE OR TOWN | |
| TOWNSHIP LINE / SECTION LINE / GRANT LINE | |
| SECTION CORNER | 33 |
| FENCE LINE | |
| UNFENCED PROPERTY / RIGHT OF WAY LINE | |
| GUARD RAIL | |
| STEAM RAILROAD | |
| ELECTRIC RAILROAD | |
| RETAINING WALL | |
| BASE OR SURVEY LINE | |
| LEVEE | |
| CULVERT | |
| STORM SEWER | |
| TILE DRAIN | |
| DROP INLET | |
| TROLLEY POLE | |
| POWER POLE | |
| TELEPHONE OR TELEGRAPH POLE | |
| MARSH | |
| HEDGE | |