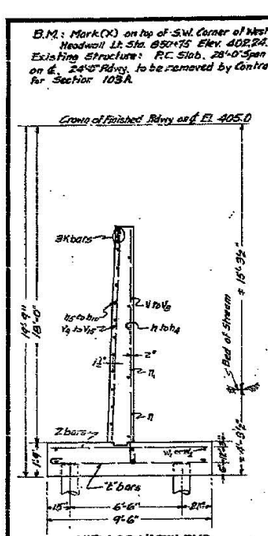
| ROUTE | SEC. | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 138 | 103B | Wabash | 6 | 6 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT | | |

SHEET NO. 4
4 SHEETS

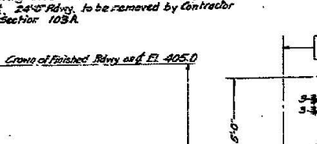
B.M.: Mark(X) on top of S.W. corner of West Headwall Lt. Sta. 850+75 Elev. 402.24.
Existing Structure: P.C. Slab, 28'-0" Span on ℄ 24°-5" Rdwy. to be removed by Contractor for Section 103A.

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

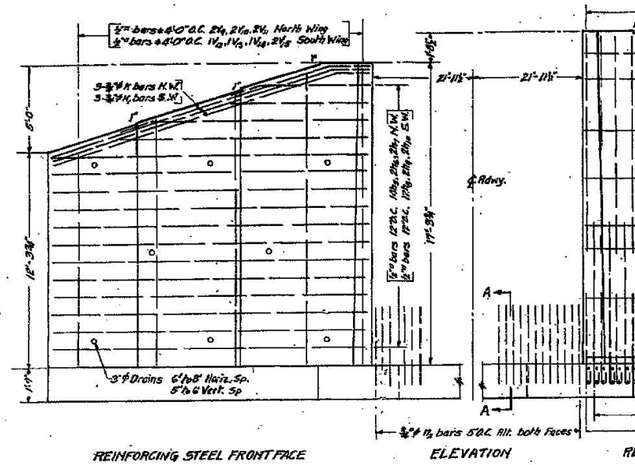



VIEW OF NORTH END
VIEW OF SOUTH END OPP. HAND

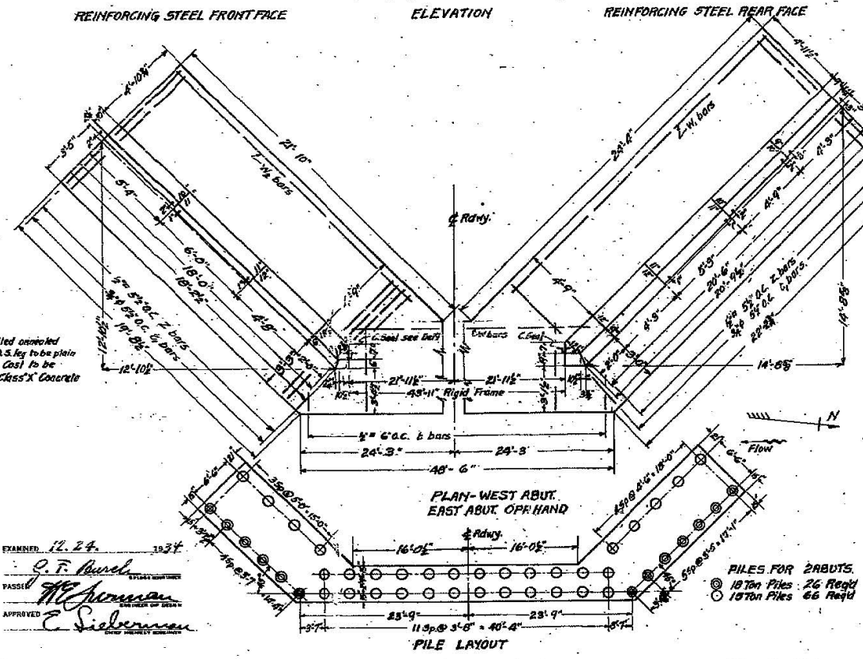


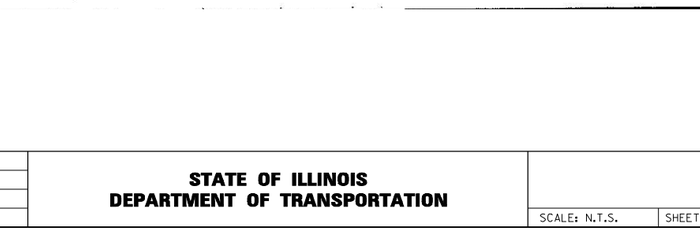

DETAIL OF COPPER SEAL




REINFORCING STEEL FRONT FACE
ELEVATION
REINFORCING STEEL REAR FACE




PLAN - WEST ABUT.
EAST ABUT. OPP. HAND




PILE LAYOUT

PILES FOR 2 ABUTS.
18 Ton Piles 26 Reqd
18 Ton Piles 66 Reqd

BILL OF MATERIAL - 2 ABUTS.

| BAR | No | SIZE | LENGTH |
|---|---|---|---|
| V | 12 | ½" ø | 7'-3" |
| $V_1$ | 12 | " | 8'-9" |
| $V_2$ | 10 | " | 10'-3" |
| $V_3$ | 6 | " | 11'-9" |
| $V_4$ | 8 | " | 13'-3" |
| $V_5$ | 10 | " | 6'-0" |
| $V_6$ | 10 | " | 7'-6" |
| $V_7$ | 12 | " | 9'-0" |
| $V_8$ | 6 | " | 10'-9" |
| $V_9$ | 8 | " | 14'-6" |
| $V_{10}$ | 4 | " | 16'-6" |
| $V_{11}$ | 4 | " | 18'-9" |
| $V_{12}$ | 2 | " | 12'-3" |
| $V_{13}$ | 2 | " | 14'-3" |
| $V_{14}$ | 2 | " | 15'-9" |
| $V_{15}$ | 4 | " | 15'-3" |
| $n_1$ | 18 | " | 20'-6" |
| $n_1$ | 2 | " | 18'-0" |
| $n_2$ | 2 | " | 6'-6" |
| $n_3$ | 16 | " | 17'-6" |
| $n_4$ | 2 | " | 21'-0" |
| $n_5$ | 28 | " | 21'-0" |
| $n_6$ | 4 | " | 13'-6" |
| $n_7$ | 11 | " | 6'-9" |
| $n_8$ | 24 | " | 19'-6" |
| $n_9$ | 2 | " | 14'-0" |
| $n_{10}$ | 4 | ½" ø | 7'-6" |
| K | 6 | ⅝" ø | 20'-6" |
| $K_1$ | 6 | ⅝" ø | 10'-9" |
| $l_1$ | 86 | ¾" ø | 6'-6" |
| $l_1$ | 82 | ¾" ø | 10'-6" |
| $l_2$ | 218 | ¾" ø | 7'-6" |
| E | 100 | ⅝" ø | 6'-6" |
| $b_1$ | 180 | ⅝" ø | 10'-6" |
| Z | 180 | ½" ø | 9'-3" |
| W | 8 | " | 22'-9" |
| $W_1$ | 12 | " | 23'-3" |
| $W_2$ | 12 | ⅜" ø | 10'-6" |
| Class "X" Concrete | | Cu. Yds. | 136.5 |
| Reinforcing Steel | | lbs. | 18420 |
| Unfr. Piling Up to 20 Ft. Ln. Ft. | | | 1840 |

Note:
Class "X" Concrete shall be used throughout.
Reinforcing Steel shall be wired securely in place before Concrete is poured.

| | | |
|---|---|---|
| STANDARD | COMPUTED | J.N. DuVernet |
| | CHECKED | S. Barnovitz |
| | DRAWN | J.N.DuV. |
| | CHECKED | S. Barnovitz |
| SPECIAL | ASSEMBLED | |
| | CHECKED | |

EXAMINED 12.24. 1934
C. T. Purcell
PASSED
APPROVED E. Siebenmann

S.B.I. ROUTE 138 SECTION 103-B
WABASH COUNTY
STA. 850+32

| FILE NAME = | USER NAME = RJT | DESIGNED - MTM | REVISED - |
|---|---|---|---|
| Y:\IDOT\933-12.74220\CLIENT\Final (111215)\CADD\Highway\CADD Sheets\D774220-sht-existing-brdg.dgn | | DRAWN - JJS | REVISED - |
| | PLOT SCALE = 100.0000 ' / IN. | CHECKED - MTM | REVISED - |
| | PLOT DATE = 12/15/2011 | DATE - SEPTEMBER 2011 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EXISTING BRIDGE PLANS**

SCALE: N.T.S. | SHEET NO. 4 OF 4 SHEETS | STA. | TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 332 | (103B)B-1 | WABASH | 53 | 40 |
| | | CONTRACT NO. 74220 | | |
| | ILLINOIS | FED. AID PROJECT | | |