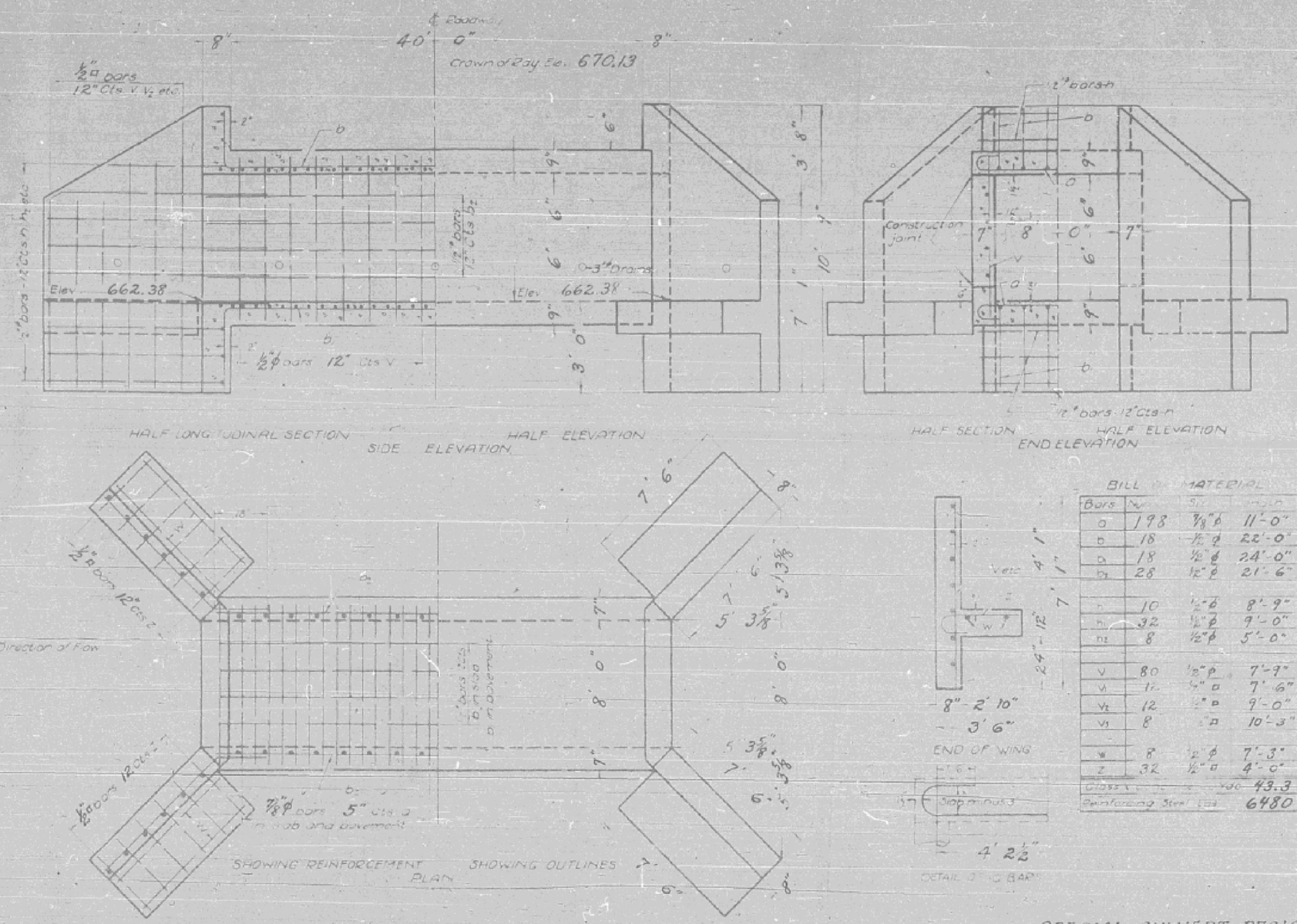
FOR INFORMATION ONLY

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

SHEET NO. 1 / SHEETS




BILL OF MATERIAL

| Bars | No. | Size | Length |
|---|---|---|---|
| a | 198 | 7/8"φ | 11'-0" |
| b | 18 | ½"φ | 22'-0" |
| a | 18 | ½"φ | 24'-0" |
| b₂ | 28 | ½"φ | 21'-6" |
| h | 10 | ½"φ | 8'-9" |
| h₁ | 32 | ½"φ | 9'-0" |
| h₂ | 8 | ½"φ | 5'-0" |
| V | 80 | ½"φ | 7'-9" |
| V₁ | 12 | ½"□ | 7'-6" |
| V₂ | 12 | ½"□ | 9'-0" |
| V₃ | 8 | ½"□ | 10'-3" |
| W | 8 | ½"φ | 7'-3" |
| Z | 32 | ½"□ | 4'-0" |
| Class X Concrete | | | Cu. Yds. 43.3 |
| Reinforcing Steel | | | Lbs. 6480 |

Notes:
Class X concrete shall be used throughout.
All reinforcing steel shall be wired securely in place before the concrete is poured.

STANDARD: COMPUTED – CHECKED – DRAWN – H. L. Ekin
SPECIAL: CHECKED J. A. Taylor; ASSEMBLED D. H. F.; CHECKED M. E. L.

EXAMINED ____ 19
PASSED ____ BRIDGE ENGINEER
APPROVED ____ ENGINEER OF DESIGN
CHIEF HIGHWAY ENGINEER

SPECIAL CULVERT DESIGN
S.B.I. ROUTE 119 CONST. SEC. 116
VERMILION COUNTY
STA. 627+33

Standard 1350

SHEET 5 OF 7

FOR INFORMATION ONLY

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| FILE NAME = c:\pw_work\pwidot\bowerml\d0186764\70801 - sht-BoxCulverts.dgn | USER NAME = bowerml | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | AS-BUILTS FOR SN 092-8033 | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS / SHEET NO. |
| | | DRAWN - | REVISED - | | | 711 | 116CR | VERMILION | 50 / 16 |
| | PLOT SCALE = 40.0000 ' / IN. | CHECKED - | REVISED - | | | CONTRACT NO. 70801 | | | |
| | PLOT DATE = 11/30/2010 | DATE - | REVISED - | | SCALE: SHEET NO. OF SHEETS STA. TO STA. | ILLINOIS FED. AID PROJECT | | | |