STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

## GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

2. Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.

3. The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.

4. Concrete piles at abutments shall be driven in holes precored through the embankment according to Article 512.09(c) of the Standard Specifications (Cost included in Driving Piles).

5. The contractor shall drive 1-12"ϕ Metal Shell Pile test pile in a permanent location at both the north and south abutments as directed by the Engineer before ordering the remainder of the piles.

6. All construction joints shall be bonded.

7. The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR 3704 Floodway Construction permit number allowing permanent construction as shown in the contract plans.

8. Slip forming of parapets is not allowed.

## TOTAL BILL OF MATERIAL

| DESCRIPTION | UNIT | SUB-STRUCTURE | SUPER STRUCTURE | TOTAL QUANTITIES |
|---|---|---|---|---|
| Porous Granular Embankment, Special | CU YD | 500 | | 500 |
| Stone Riprap, Class A5 | SQ YD | 2075 | | 2075 |
| Filter Fabric | SQ YD | 2075 | | 2075 |
| Structure Excavation | CU YD | 632 | | 632 |
| Concrete Structures | CU YD | 80.0 | | 80.0 |
| Concrete Superstructure | CU YD | | 401.4 | 401.4 |
| Bridge Deck Grooving | SQ YD | | 954 | 954 |
| Protective Coat | SQ YD | | 1194 | 1194 |
| Furnishing and Erecting Precast Prestressed Concrete Bulb-T Beams, 63" | FOOT | | 1559 | 1559 |
| Reinforcement Bars, Epoxy Coated | POUND | 11380 | 66520 | 77900 |
| Furnishing Metal Shell Piles, 12" x 0.250" | FOOT | 2046 | | 2046 |
| Driving Piles | FOOT | 2046 | | 2046 |
| Test Pile Metal Shells | EACH | 4 | | 4 |
| Name Plates | EACH | | 2 | 2 |
| Bar Splicers | EACH | | 156 | 156 |
| Pipe Underdrains for Structures 4" | FOOT | 261 | | 261 |
| Geocomposite Wall Drain | SQ YD | 244 | | 244 |

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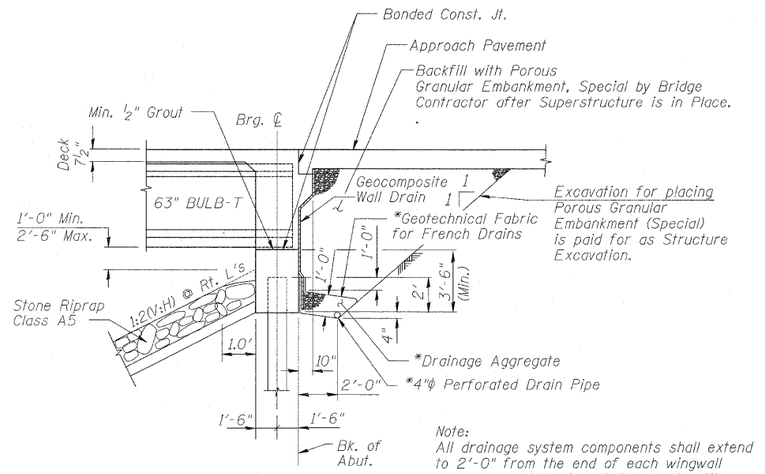


* Included in the cost of Pipe Underdrains for Structures.

Note:
All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with side slopes. The pipes shall drain into concrete head walls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

## SECTION THRU INTEGRAL ABUTMENT

| | |
|---|---|
| DESIGNED - | BTO |
| CHECKED - | JAN |
| DRAWN - | BTO |
| CHECKED - | JAN |

## GENERAL NOTES, B.O.M., & INDEX OF SHEETS
## STRUCTURE NO. 101-0177 & 101-0178

| SHEET NO. 2 | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|---|
| 30 SHEETS | 734 | 77-2B-1, 77-2-2 | WINNEBAGO | 530 | 274 |
| | | | CONTRACT NO. 64813 | | |
| | FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |