GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.

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

Seal coat thickness design is based on the Estimated Water Surface Elevation (EWSE). Cofferdam design details and proposed changes in seal coat thickness shall be submitted to the Engineer for approval with the cofferdam design.

The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection. Forms for deck slab shall be removed prior to placement of bridge approach slab.

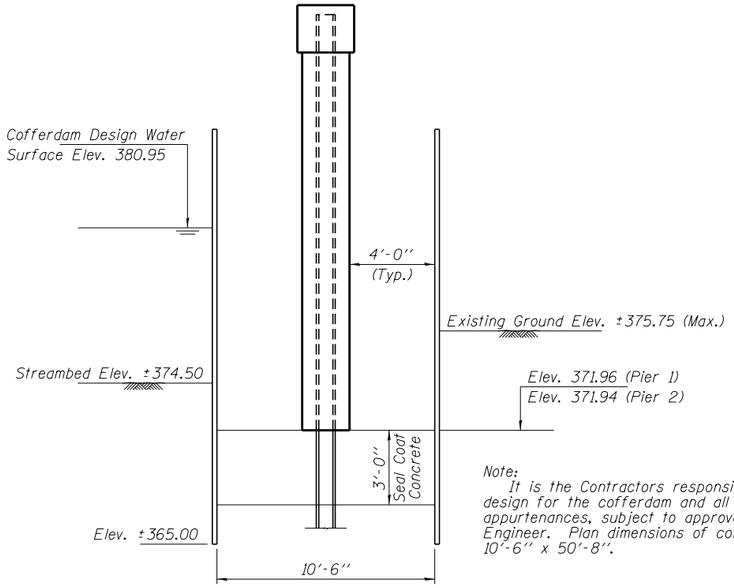
Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure. The Contractor shall sawcut the upper portion of the existing abutment at the stage removal line before Stage I removal to ensure the remaining portion will not be prematurely damaged.

Slip-Forming of the parapets is not allowed.

STATION 336+25.25
BUILT 201_ BY
STATE OF ILLINOIS
F.A.P. RTE. 332 SEC. 5B-1
LOADING HL-93
STR. NO. 097-0079

NAME PLATE

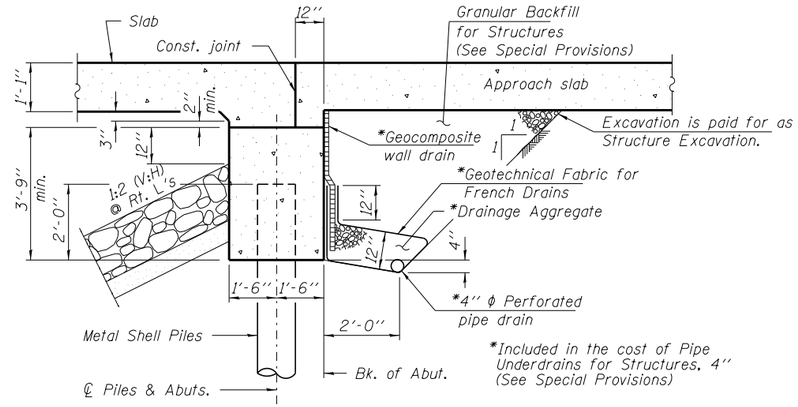
See Std. 515001



COFFERDAM DETAIL

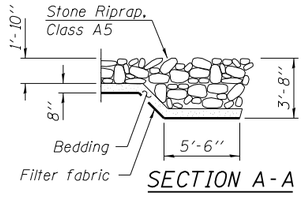
(Piers 1 & 2 End View)

Note:
It is the Contractors responsibility to provide a design for the cofferdam and all other required appurtenances, subject to approval of the Engineer. Plan dimensions of cofferdam are 10'-6" x 50'-8".



SECTION THRU INTEGRAL ABUTMENT

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 the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).



SECTION A-A

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A5	Sq. Yd.			538
Filter Fabric	Sq. Yd.			538
Removal of Existing Structures	Each			1
Structure Excavation	Cu. Yd.			176
Cofferdam Excavation	Cu. Yd.			268
Cofferdam (Type 2) (Location - 1)	Each			1
Cofferdam (Type 2) (Location - 2)	Each			1
Concrete Structures	Cu. Yd.		166.4	166.4
Concrete Superstructure	Cu. Yd.	267.7		267.7
Bridge Deck Grooving	Sq. Yd.	521		521
Seal Coat Concrete	Cu. Yd.			118
Protective Coat	Sq. Yd.	632	0	632
Reinforcement Bars, Epoxy Coated	Pound	67,910	17,260	85,170
Bar Splicers	Each	257	188	445
Furnishing Metal Shell Piles 14"x0.312"	Foot		1,879	1,879
Driving Piles	Foot		1,879	1,879
Test Pile Metal Shells	Each		1	1
Name Plates	Each			1
Geocomposite Wall Drain	Sq. Yd.			46
Asbestos Bearing Pad Removal	Each			36
Pipe Underdrains for Structures, 4"	Foot			136
Temporary Soil Retention System	Sq. Ft.			416
Granular Backfill for Structures	Cu. Yd.			71