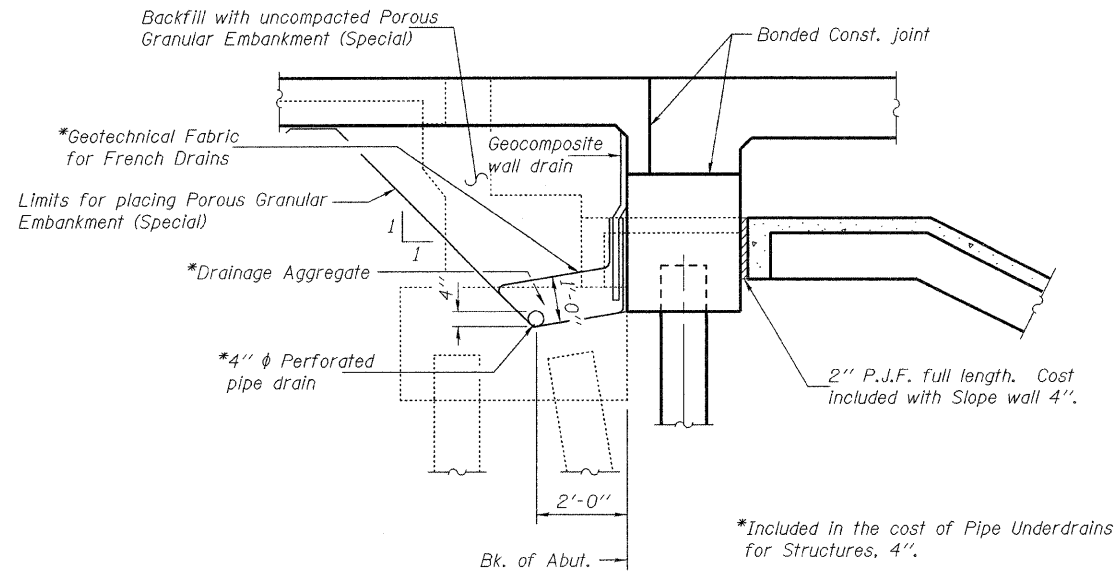
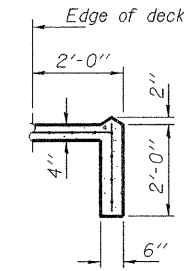


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SECTION THRU ABUTMENT

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).



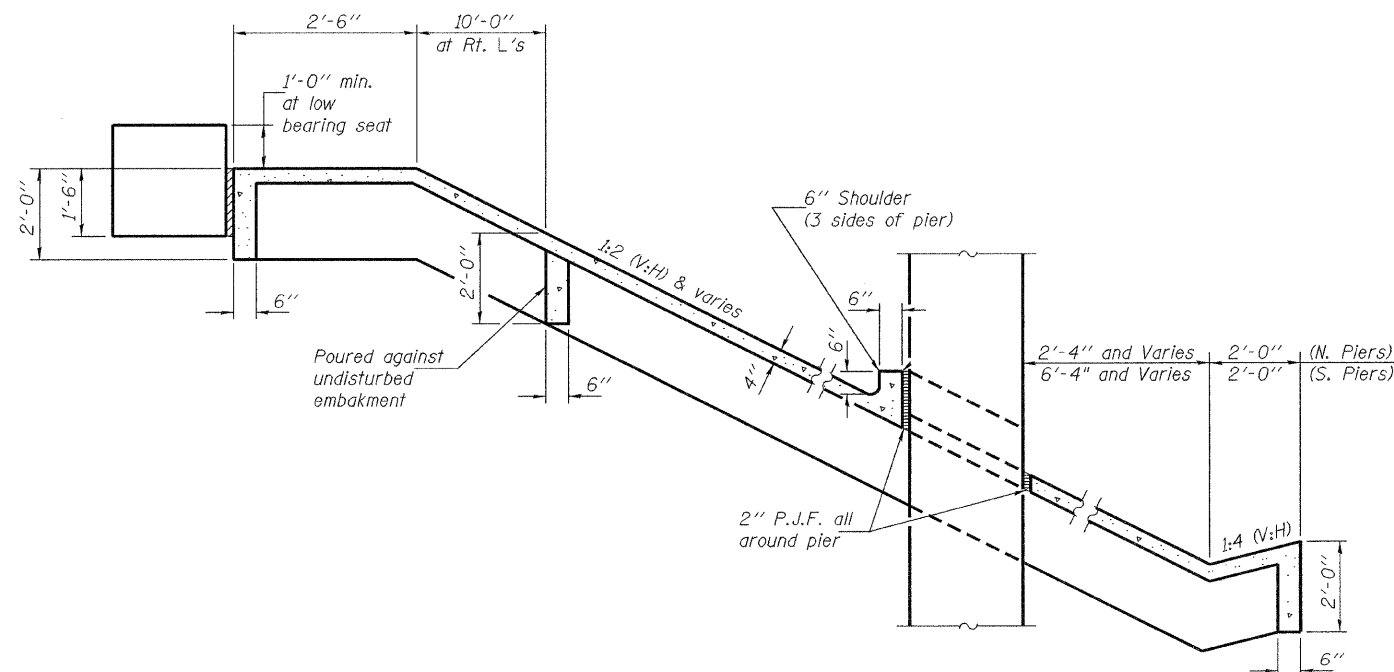
SECTION A-A

GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
Reinforcement bars designated (E) shall be epoxy coated.
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
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 pavement.
Slope wall shall be reinforced with welded wire fabric, 6" x 6" - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.
The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
The Contractor is advised that the existing concrete superstructure is a continuous structure and removal must be done in a proper sequence, possibly with falsework support. See special provisions.
Slip-forming of the parapets is not allowed.
Existing abutments shall be removed to bottom of footing elevation.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment (Special)	Cu. Yd.		116	116
Removal of Existing Superstructures	Each	2		2
Structure Excavation	Cu. Yd.		170	170
Concrete Superstructure	Cu. Yd.	915.8		915.8
Concrete Structures	Cu. Yd.		106.5	106.5
Bridge Deck Grooving	Sq. Yd.	1429		1429
Concrete Encasement	Cu. Yd.		8.4	8.4
Protective Coat	Sq. Yd.	1746		1746
Furnishing and Erecting Structural Steel	Pound		6060	6060
Reinforcement Bars, Epoxy Coated	Pound	200650	8740	209390
Bar Splicers	Each	662	208	870
Slope wall 4"	Sq. Yd.		800	800
Furnishing Steel Piles HP10x42	Foot		1200	1200
Driving Piles	Foot		1200	1200
Temporary Sheet Piling	Sq. Ft.		518	518
Name Plates	Each	2		2
Elastomeric Bearing Assembly, Type I	Each		18	18
Anchor Bolt 1" ϕ	Each		72	72
Geocomposite Wall Drain	Sq. Yd.		68	68
Pipe Underdrains for Structures, 4"	Foot		263	263
Slope wall Removal	Sq. Yd.		980	980
Structural Repair of Concrete (Depth greater than 5")	Sq. Ft.		9	9
Protective Shield	Sq. Yd.	456		456



SLOPE WALL DETAIL

Note: Layout of the slope wall may be varied to suit ground conditions in the field as directed by the Engineer.
Removal of existing abutments is included with the cost of the Removal of Existing Superstructure.

DESIGNED	Nicholas R. Barnett
CHECKED	Michael D. Rolape
DRAWN	h.t. duong
CHECKED	NRB/MDR/GRA

EXAMINED	September 29, 2009	Thomas J. Domagala
PASSED		Ralph E. Anderson

GENERAL DATA
STRUCTURE NO. 037-0015 (S.B.)
STRUCTURE NO. 037-0016 (N.B.)

SHEET NO. 2	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	74	37-4HB	HENRY	148	38
30 SHEETS	CONTRACT NO. 64264				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					