

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 2
FA 773 IL 121	(109B) B-1	CUMBERLAND	96	59	25 SHEETS
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			

Contract # 74237

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.

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

The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.

All embedded and separate bearing plates, side retainers, anchor bolts, nuts, washers and pintles shall be galvanized according to AASHTO M111 or M232 (as applicable).

The Contractor is advised that the existing PPC deck beams are in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the beams when developing construction procedures for removal and replacement of the structure. An Existing Structure Information Package is available upon request as noted in the Special Provisions.

The Contractor shall submit Structural Assessment Report(s) as required for the Contractor's means and methods of construction. See Special Provisions.

The Contractor shall retain the services of an engineering firm, prequalified in the IDOT consultant selection category of Highway Bridges-Typical for preparation of the Structural Assessment Report(s). Contractor's pre-approval shall not be applicable for this project. See Special Provision.

Current Ratings on file for Existing Structure

Inventory: HS 23.8

Operating: HS 39.8

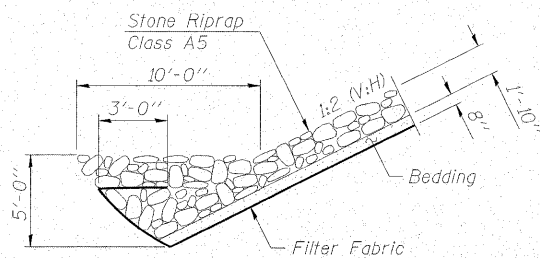
Live Load Restrictions: No

Inventory and Operating Ratings and Live Load Restrictions are provided for information only. Inventory and Operating Ratings are based on HS loading and configuration. Live Load Restrictions are based on Illinois legal loads and configurations. The Ratings and Live Load Restrictions are not necessarily representative of capacities to support the Contractor's equipment.

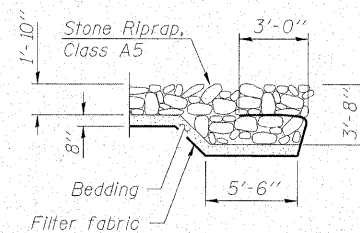
Slipforming of parapets shall not be permitted.

TOTAL BILL OF MATERIAL

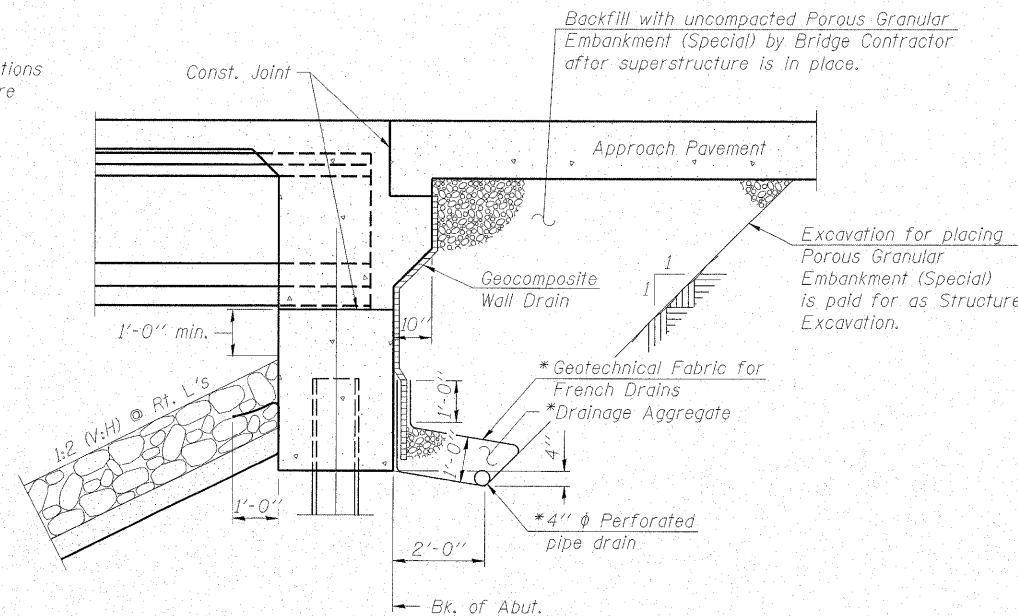
ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment (Special)	Cu. Yd.		116	116
Stone Riprap, Class A5	Sq. Yd.		1722	1722
Filter Fabric	Sq. Yd.		1722	1722
Removal of Existing Structures No. 2	Each			1
Structure Excavation	Cu. Yd.		340	340
Concrete Structures	Cu. Yd.		179.0	179.0
Concrete Superstructure	Cu. Yd.	258.2		258.2
Bridge Deck Grooving	Sq. Yd.	840		840
Concrete Encasement	Cu. Yd.		5.6	5.6
Protective Coat	Sq. Yd.	843		843
Furnishing and Erecting Precast Prestressed Concrete I Beams, 42"	Foot	1137		1137
Reinforcement Bars, Epoxy Coated	Pound	58420	14080	72500
Bar Splicers	Each	614	106	720
Furnishing Steel Piles HP12x63	Foot		731	731
Driving Piles	Foot		235	235
Test Pile Steel HP12x63	Each		2	2
Name Plates	Each	1		1
Geocomposite Wall Drain	Sq. Yd.		81	81
Pipe Underdrains for Structures, 4"	Foot		157	157
Drainage Scupper, DS-11	Each	2		2
Temporary Soil Retention System	Sq. Ft.		966	966
Underwater Structure Excavation Protection, Location 2	Each		1	1
Underwater Structure Excavation Protection, Location 3	Each		1	1
Asbestos Bearing Pad Removal	Each		44	44
Setting Piles in Rock	Each		16	16



SECTION A-A



SECTION B-B



SECTION THRU INTEGRAL ABUTMENT
(Horiz. dim. @ Rt. L's)

* Included in the cost of Pipe Underdrains for Structures, 4".

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).



DESIGNED - BAS
CHECKED - KEF
DRAWN - LAD
CHECKED - RJA

GENERAL NOTES,
TOTAL BILL OF MATERIAL
IL ROUTE 121 OVER BIG MUDDY CREEK
F.A.P. RTE. 773 - SECTION (109B)B-1
CUMBERLAND COUNTY
STATION 574+84.00
STRUCTURE NO. 018-0063