

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	DISTRICT	SHEET NO.	SHEET NO.
FAP 769	110B-2	MACOUPIN	98	42	38 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract #72813

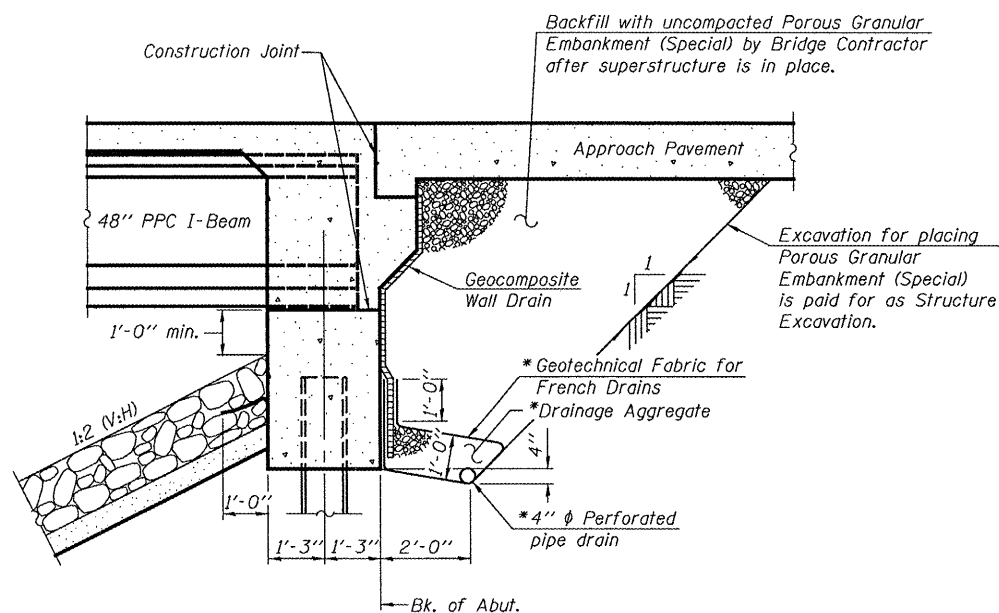
GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
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.
Reinforcement bars designated (E) shall be epoxy coated.
Slipforming of the parapet is not allowed.
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 superstructure.

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TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Structure Excavation	Cu. Yd.		494.1	494.1
Floor Drains	Each	20		20
Concrete Structures	Cu. Yd.		193.9	193.9
Concrete Superstructure	Cu. Yd.	450.8		450.8
Bridge Deck Grooving	Sq. Yd.	1207.6		1207.6
Porous Granular Embankment (Special)	Cu. Yd.		178.0	178.0
Protective Coat	Sq. Yd.	1548.1		1548.1
Furnishing and Erecting Precast Prestressed Concrete I Beams, 48"	Foot	1906		1906
Stone Riprap, Class A4	Sq. Yd.		753.8	753.8
Reinforcement Bars	Pound		22,930	22,930
Reinforcement Bars, Epoxy Coated	Pound	115,070	34,020	149,090
Bar Splicers	Each	1039	392	1431
Filter Fabric	Sq. Yd.		753.8	753.8
Furnishing Steel Piles HP12x63	Foot		532	532
Driving Piles	Foot		532	532
Test Pile Steel HP12x63	Each		2	2
Pile Shoes	Each		8	8
Temporary Sheet Piling	Sq. Ft.		323	323
Name Plates	Each	1		1
Removal of Existing Structures	Each			1
Drilled Shaft in Soil	Cu. Yd.		74	74
Drilled Shaft in Rock	Cu. Yd.		61	61
Elastomeric Bearing Assembly, Type 1	Each	24		24
Pipe Underdrains for Structures, 4"	Foot		133	133
Underwater Structure Excavation Protection, Location 1	Each			1
Underwater Structure Excavation Protection, Location 2	Each			1
Underwater Structure Excavation Protection, Location 3	Each			1
Geocomposite Wall Drain	Sq. Yd.		84.8	84.8
Temporary Soil Retention System	Sq. Ft.		141.7	141.7
Concrete Encasement	Cu. Yd.		4.2	4.2
Anchor Bolts 1" φ	Each		48	48
Anchor Bolts 1/2" φ	Each		4	4
Asbestos Bearing Pad Removal	Each		44	44
Instrumented Piles	L.Sum			1



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

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

DESIGNED	Tom Kurtenbach
CHECKED	Jay Edwards
DRAWN	BECKY M. LEACH
CHECKED	TK/JE

June 17 2008
EXAMINED *Thomas J. Romagnolo*
PASSED *Robert C. Anderson*
ENGINEER OF BRIDGE DESIGN
ENGINEER OF BRIDGES AND STRUCTURES

GENERAL DATA
F.A.P. ROUTE 769 - SEC. 110B-2
MACOUPIN COUNTY
STATION 104+41.00
STRUCTURE NO. 059-0509