

## TOTAL BRIDGE BILL OF MATERIALS

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment, Special	Ton		250	250
Stone Riprap, Class A4	Ton		970	970
Filter Fabric	Sq. Yd.		1065	1065
Removal of Existing Structures	Each	1		1
Structure Excavation	Cu. Yd.		820	820
Concrete Structures	Cu. Yd.		71.9	71.9
Concrete Superstructure	Cu. Yd.	122.6		122.6
Bridge Deck Grooving	Sq. Yd.	436		436
Protective Coat	Sq. Yd.	436		436
Furnishing and Erecting Structural Steel	L Sum	1		· 1
Stud Shear Connectors	Each	1812		1812
Reinforcement Bars, Epoxy Coated	Pound	31150	5530	36680
Steel Ralling, Type S1	Foot	328		328
Furnishing Metal Shell Piles 12"x0.250"	Foot		1031	1031
Driving Piles	Foot		1031	1031
Test Pile Metal Shells	Each		2	2
Name Plates	Each	1		- 1
Geocomposite Wall Drain	Sq. Yd.		68	68
Pipe Underdrains For Structures 4"	Foot		116	116

F.A.S. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.
	03-26140-00-BR 03-21117-00-BR	LIVINGSTON	28	9
STA. TO STA.				
FED. RO	AD DIST. NO. 7	ILLINOIS FED.	AID PROJ	ECT=
CONTRA	CT NO PTICO			

SHEET NO. B2

OF 17 SHEETS

## GENERAL NOTES

- Fasteners shall be AASHTO MI64 Type 1, mechanically galvanized bolts. Bolts <sup>7</sup><sub>8</sub> in. ¢, holes <sup>6</sup><sub>6</sub> in. ¢, unless otherwise noted.
   Calculated weight of Structural Steel = 73,690 lb.
   All structural steel shall be AASHTO M.22 Grade 50W.
   No field weight is permitted except as specified in the contract documents.
   Reinforcement bars shall conform to the requirements of AASHTO M-31, M-42 or M-53 Grade 60.
   All reinforcement bars shall be enostructed or adjusted to the designated elevations within a tolerance of <sup>1</sup><sub>8</sub> in, (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
   Leyour of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
   The embankment configuration shown shall be the minimum that must be place and compacted prior to construction of the abutments.
   The Contractor shall drive test plass to 100% of the nominal required bearing specified in production locations at substructures specified or approved by the Engineer before ordering the reminder of plass.
   The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection.
   The Contractor is to field locate all utilities before starting construction.
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   The Ha-day compressive strength is f'c = 4000 psi. Concrete clear cover shall be 2" unless otherwise shown.
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   The live loading is HS20 with an allowance of 50lb/sq. ft, for future wearing surface.
   The live loading is HS20 with an allowance of 50lb/sq. ft, for future wearing surface.
   The live loading is HS20 with an allowance of 50

SECTION 03-26140-00-BR SECTION 03-21117-00-BR LIVINGSTON COUNTY

SECTION THRU INTEGRAL ABUTMENT, BILL OF MATERIALS AND GENERAL NOTES

Farnsworth
GROUP
2700 Modant Drive
Blooming ton. Blinels 81704

24 - 7191
DATE
03/17/09
SHEET NO.
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