

GENERAL NOTES

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.

If the Contractor's procedures for existing beam removal involves placement of heavy equipment on the existing deck beams, a detailed procedure shall be submitted to the Engineer for approval. The procedure shall include calculations, sealed by an Illinois Licensed Structural Engineer, verifying the structural adequacy of the beams for the proposed loads. Cost included with Removal of Existing Structures.

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 to suit ground conditions in the field as directed by the Engineer.

The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.

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

Slipforming of the concrete parapet is not allowed.

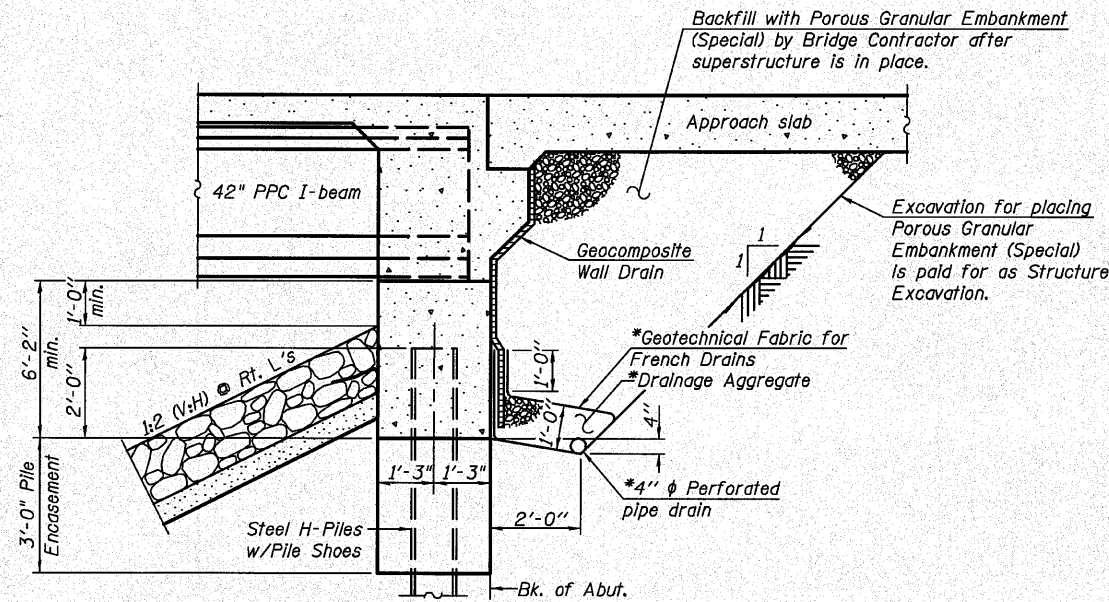
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TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
POROUS GRANULAR EMBANKMENT	CU YD		37	37
POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD		198	198
STONE RIPRAP, CLASS A5	SQ YD		1340	1340
FILTER FABRIC	SQ YD		1340	1340
REMOVAL OF EXISTING STRUCTURES	EACH			1
STRUCTURE EXCAVATION	CU YD		392	392
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD		37	37
FLOOR DRAINS	EACH	24		24
CONCRETE STRUCTURES	CU YD		273.3	273.3
CONCRETE SUPERSTRUCTURE	CU YD	446.0		446.0
BRIDGE DECK GROOVING	SQ YD	1086		1086
CONCRETE ENCASEMENT	CU YD		15.4	15.4
** PROTECTIVE COAT	SQ YD	1330		1330
FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE I-BEAMS, 42 IN.	FOOT	1157.5		1157.5
REINFORCEMENT BARS, EPOXY COATED	POUND	104440	24480	128920
BAR SPLICERS	EACH	923	204	1127
FURNISHING STEEL PILES HP14X73	FOOT		1242	1242
DRIVING PILES	FOOT		1242	1242
TEST PILE STEEL HP14X73	EACH		4	4
PILE SHOES	EACH		28	28
NAME PLATES	EACH	1		1
GEOCOMPOSITE WALL DRAIN	SQ YD		141	141
PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT		168	168
ASBESTOS BEARING PAD REMOVAL	EACH			22
TEMPORARY SOIL RETENTION SYSTEM	SQ FT			2020
UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH		1	1
UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH		1	1

** Quantity includes top of concrete surface of bridge deck and approach slab end to end and the top and inside faces of the parapets and curb.



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).

STATION 1265+04.88
BUILT 20__ BY
STATE OF ILLINOIS
F.A.P. RT. 638 SEC. 129BR-4
LOADING HL-93
STRUCTURE NO. 037-0176

NAME PLATE
See Std. 515001

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DESIGNED - GPM	REVISED -
CHECKED - BJM	REVISED -
DRAWN - JNH/MWS	REVISED -
PLOT DATE = 11/22/2018	CHECKED - BRT
	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NO. 037-0176
SHEET NO. 2 OF 29 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
638	129BR-4	HENRY	93	23
			CONTRACT NO. 64D25	
ILLINOIS FED. AID PROJECT				