GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to routine 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 based upon the unit price bid for the work.

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

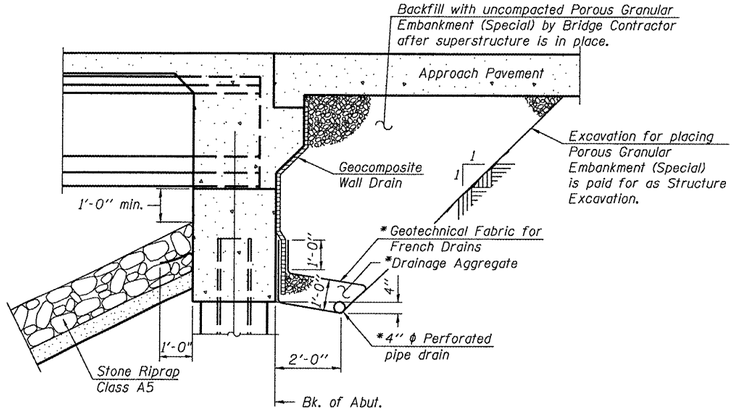
Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions

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.

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 procedure for existing beam removal or placement of new beams involves placement of heavy equipment on the existing 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.

The steel beam shown in the optional parapet slipforming details on sheet 10A is conceptual only. All appropriate details for the overhang and concrete parapet on sheet 10A shall be applied to the details for the concrete beams on the subject contract if the Contractor elects to utilize the slipforming option.



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).

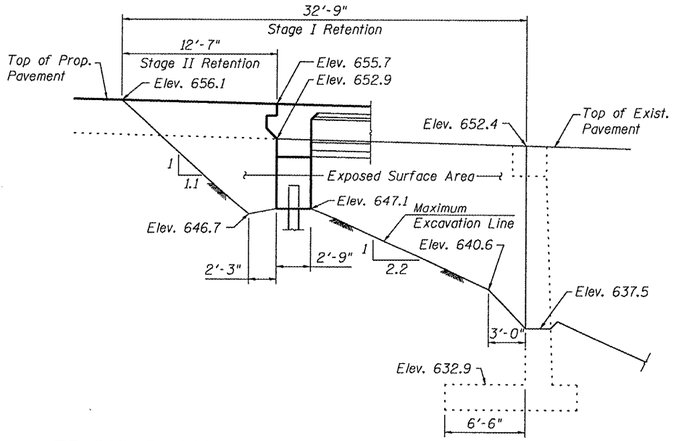
DESIGNED	CEH
CHECKED	CWC
DRAWN	DLH
CHECKED	CEH / CWC

WHKS & CO.
ENGINEERS PLANNERS LAND SURVEYORS
MASON CITY, IOWA DUBUQUE, IOWA AMES, IOWA
E. DUBUQUE, ILLINOIS SPRINGFIELD, ILLINOIS ROCHESTER, MINNESOTA

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

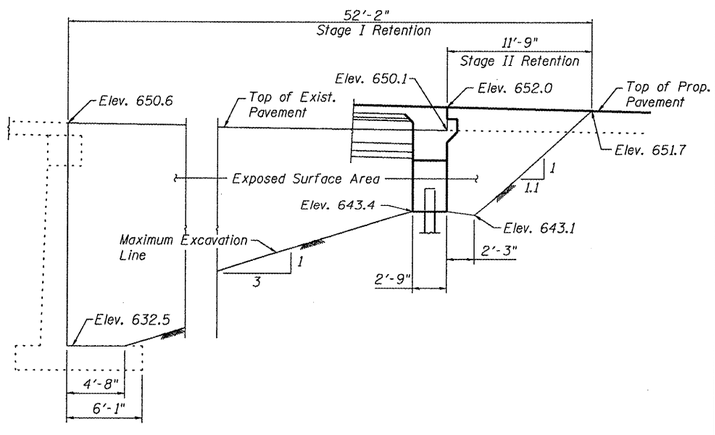
TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures	Each			1
Porous Granular Embankment (Special)	Cu. Yd.		165	165
Structure Excavation	Cu. Yd.		268	268
Pipe Underdrains for Structures, 4"	Foot		162	162
Geocomposite Wall Drain	Sq. Yd.		84	84
Stone Riprap, Class A5	Sq. Yd.		1,134	1,134
Filter Fabric	Sq. Yd.		1,134	1,134
Concrete Superstructure	Cu. Yd.	201.3		201.3
Concrete Structures	Cu. Yd.		62.8	62.8
Protective Coat	Sq. Yd.	618		618
Concrete Encasement	Cu. Yd.		4.2	4.2
Furnishing and Erecting Precast Prestressed Concrete I Beams, 42"	Foot	826.5		826.5
Drilled Shaft in Rock	Cu. Yd.		20.6	20.6
Reinforcement Bars, Epoxy Coated	Pound	44,230	13,310	57,540
Reinforcement Bars	Pound		6,480	6,480
Temporary Soil Retention System	Sq. Ft.		824	824
Name Plates	Each	1		1
Bridge Deck Grooving	Sq. Yd.	466		466
Bar Splicers	Each	470	28	498
Furnishing Steel Piles HP12x53	Foot		242	242
Driving Piles	Foot		242	242
Test Pile Steel HP12x53	Each		1	1
Asbestos Bearing Pad Removal	Each	24		24
Mechanical Splice	Each		40	40
Permanent Casing	Foot		15.5	15.5



TEMPORARY SOIL RETENTION SYSTEM - W. ABUT.

(Looking North)



TEMPORARY SOIL RETENTION SYSTEM - E. ABUT.

(Looking North)

A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.
All horizontal dimensions are given along centerline of roadway.

INDEX OF SHEETS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 645	*	Marshall	71	19
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 2
23 SHEETS

* (105BR)BR
Contract - 68479

GENERAL DATA
IL ROUTE 17 OVER SENACHWINE CREEK
FAP ROUTE 645 - SECTION (105BR)BR
MARSHALL COUNTY
STATION 334+90.00
STRUCTURE NO. 062-0072