TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment (Special)	Cu. Yd.		236	236
Stone Riprap, Class A5	Sq. Yd.		2125	2125
Filter Fabric	Sq. Yd.		2125	2125
Removal of Existing Structures	Each		1	1
Slopewall Removal	Sq. Yd.		1328	1328
Structure Excavation	Cu. Yd.		64	64
Concrete Structures	Cu. Yd.		65.2	65.2
Concrete Superstructure	Cu. Yd.	303.5		303.5
Bridge Deck Grooving	Sq. Yd.	597		597
Concrete Encasement	Cu. Yd.		5.6	5.6
Protective Coat	Sq. Yd.	761		761
Furnishing & Erecting P.P.C. Bulb-T Beams 63"	Foot	824		824
Reinforcement Bars, Epoxy Coated	Pound	61590	8200	69790
Bar Splicers	Each	64		64
Furnishing Steel Piles HP 10x57	Foot		656	656
Driving Piles	Foot		656	656
Test Pile Steel HP 10x57	Each		1	1
Pile Shoes	Each		16	16
Name Plates	Each	1		1
Geocomposite Wall Drain	Sq. Yd.		107	107
Pipe Underdrain for Structures, 4"	Foot		155	155
Permanent Survey Markers, Type 1	Each		1	1

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.

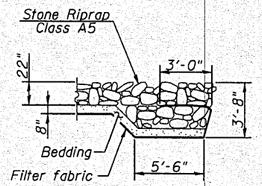
Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

Slip forming of the parapets is not allowed.

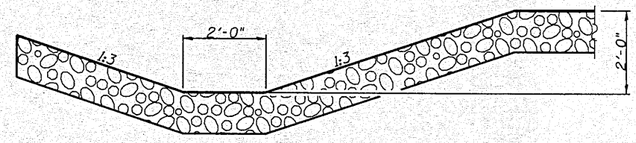
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

The piles to be dynamically monitored, according the special provision "Dynamic Pile Monitoring", shall be the test piles specified at each of the substructure units. The scheduling of the test pile driving (initial and restrikes) shall be coordinated with the researcher.

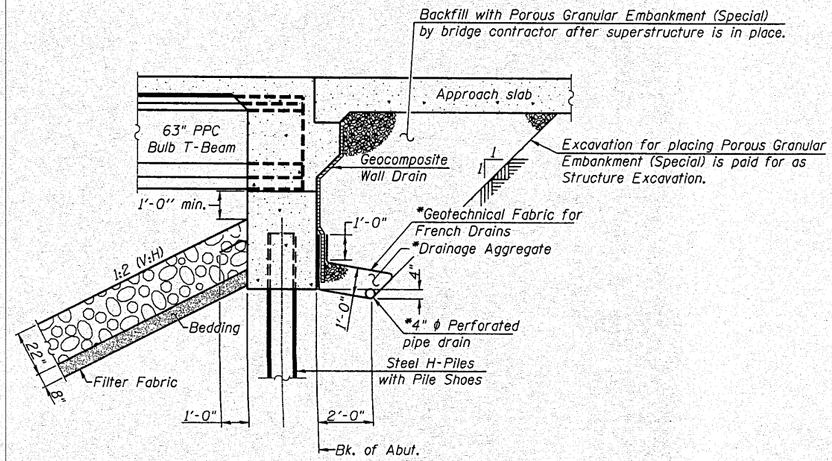
The test pile shall be driven with a Diesel Hammer, possibly at a reduced fuel setting, to a minimal penetration resistance as determined by the researcher. A restrike shall be applied between 1 and 24 hours after end of initial driving. A second restrike shall occur at least 7 days later and preferably much later when production piling is completed for that stage in each substructure. Restrikes will consist of up to 30 hammer blows, or up to 3 inches of pile penetration. The hammer shall be warmed up before restriking the test pile on another pile or surface as directed by the researcher.



SECTION A-A



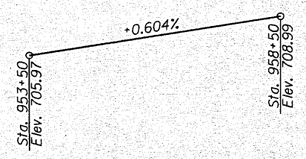
SECTION B-B



SECTION THRU INTEGRAL ABUTMENT

* 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).



PROFILE GRADE
(Along ℄ IL 251)

STATION 955+03.75
BUILT 20 BY
STATE OF ILLINOIS
F.A.S. RT. 1360 SEC. (64-B-1)BR
LOADING HL-93
STR. NO. 102-0069

NAME PLATE
See Std. 515001

GENERAL DATA
STRUCTURE NO. 102-0069

Allen Henderson & Associates, Inc.
Civil and Structural Engineers Springfield, IL.
62703 Phone: (217)544-8033 IL. Design Firm
No. 184-001907

SHEET NO. 2
19 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	(64-B-1)BR	WOODFORD	45	17
		CONTRACT NO. 68785		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		