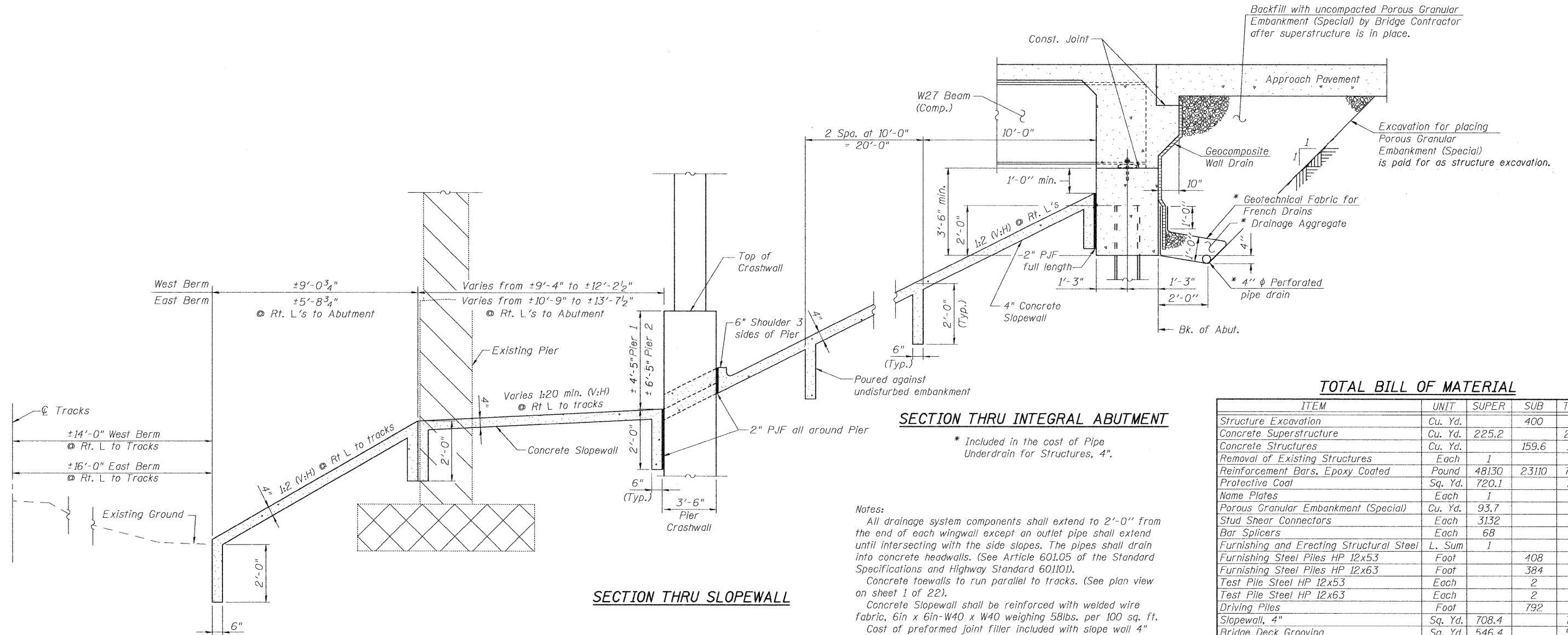


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Structure Excavation	Cu. Yd.		400	400
Concrete Superstructure	Cu. Yd.	225.2		225.2
Concrete Structures	Cu. Yd.		159.6	159.6
Removal of Existing Structures	Each	1		1
Reinforcement Bars, Epoxy Coated	Pound	48130	23110	71240
Protective Coat	Sq. Yd.	720.1		720.1
Name Plates	Each	1		1
Porous Granular Embankment (Special)	Cu. Yd.	93.7		93.7
Stud Shear Connectors	Each	3132		3132
Bar Splicers	Each	68		68
Furnishing and Erecting Structural Steel	L. Sum	1		1
Furnishing Steel Piles HP 12x53	Foot		408	408
Furnishing Steel Piles HP 12x63	Foot		384	384
Test Pile Steel HP 12x53	Each		2	2
Test Pile Steel HP 12x63	Each		2	2
Driving Piles	Foot		792	792
Slopewall, 4"	Sq. Yd.	708.4		708.4
Bridge Deck Grooving	Sq. Yd.	546.4		546.4
Pile Shoes	Each		24	24
Geocomposite Wall Drain	Sq. Yd.	57.4		57.4
Pipe Underdrain for Structures, 4"	Foot		84	84
Floor Drains	Each	4		4
Drainage Scupper, DS-11	Each	4		4
Protective Shield	Sq. Yd.	193.5		193.5
Concrete Encasements	Cu. Yd.		3.5	3.5
Anchor Bolts 1"	Each	48		48

SECTION THRU INTEGRAL ABUTMENT

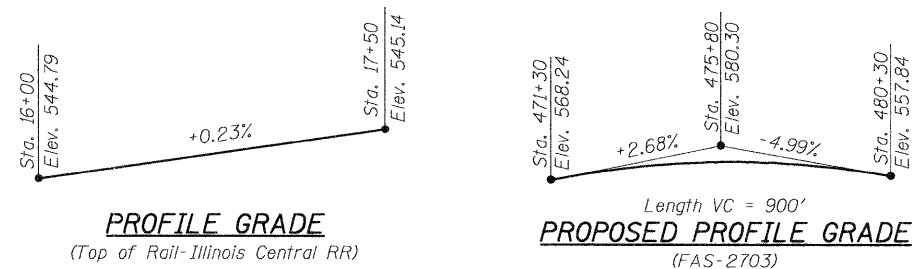
* Included in the cost of Pipe Underdrain for Structures, 4".

Notes:

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).
Concrete toe walls to run parallel to tracks. (See plan view on sheet 1 of 22).
Concrete Slopewall shall be reinforced with welded wire fabric, 6in x 6in-W40 x W40 weighing 58lbs. per 100 sq. ft. Cost of preformed joint filler included with slope wall 4"

SECTION THRU SLOPEWALL

- Indicates Removal of Existing Structures
- Removal of Existing Footing shall be done according to Art. 501.04 of Standard Specifications



DESIGNED	B.B.
CHECKED	C.J.F.
DRAWN	J.G.
CHECKED	C.J.F. & B.B.

**GENERAL DETAILS
KINMUNDY/LOUISVILLE ROAD
OVER ILLINOIS CENTRAL RR
STA. 475+50.44**



**BERNARDIN
LOCHMUELLER &
ASSOCIATES, INC.**

3 Oak Drive
Maryville, IL 62062-5635
Local (618) 288-4665
Fax 618-288-4666

SHEET NO. 2 22 SHEETS	F.A.S. RTE. 2703	SECTION (9-VBR)B	COUNTY CLAY	TOTAL SHEETS 65	SHEET NO. 24
	SN 013-0044		CONTRACT NO. 74136		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					