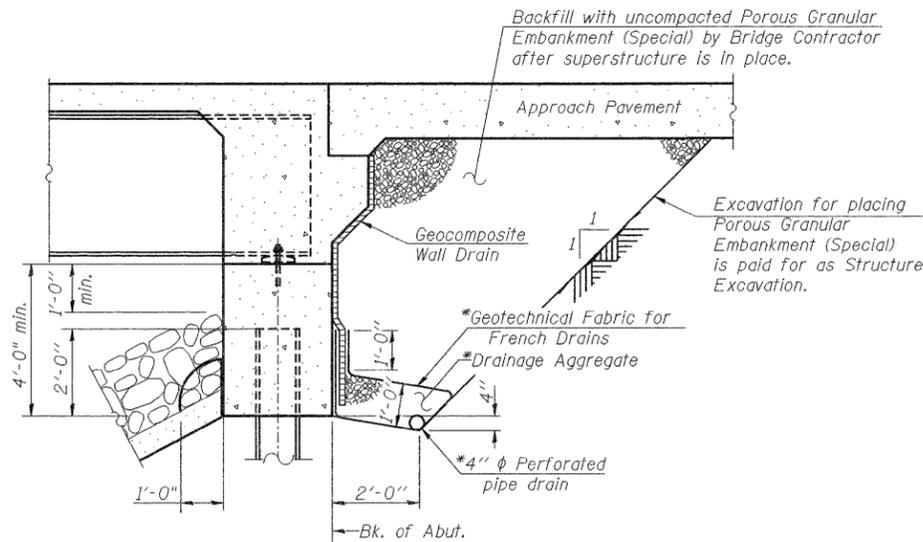
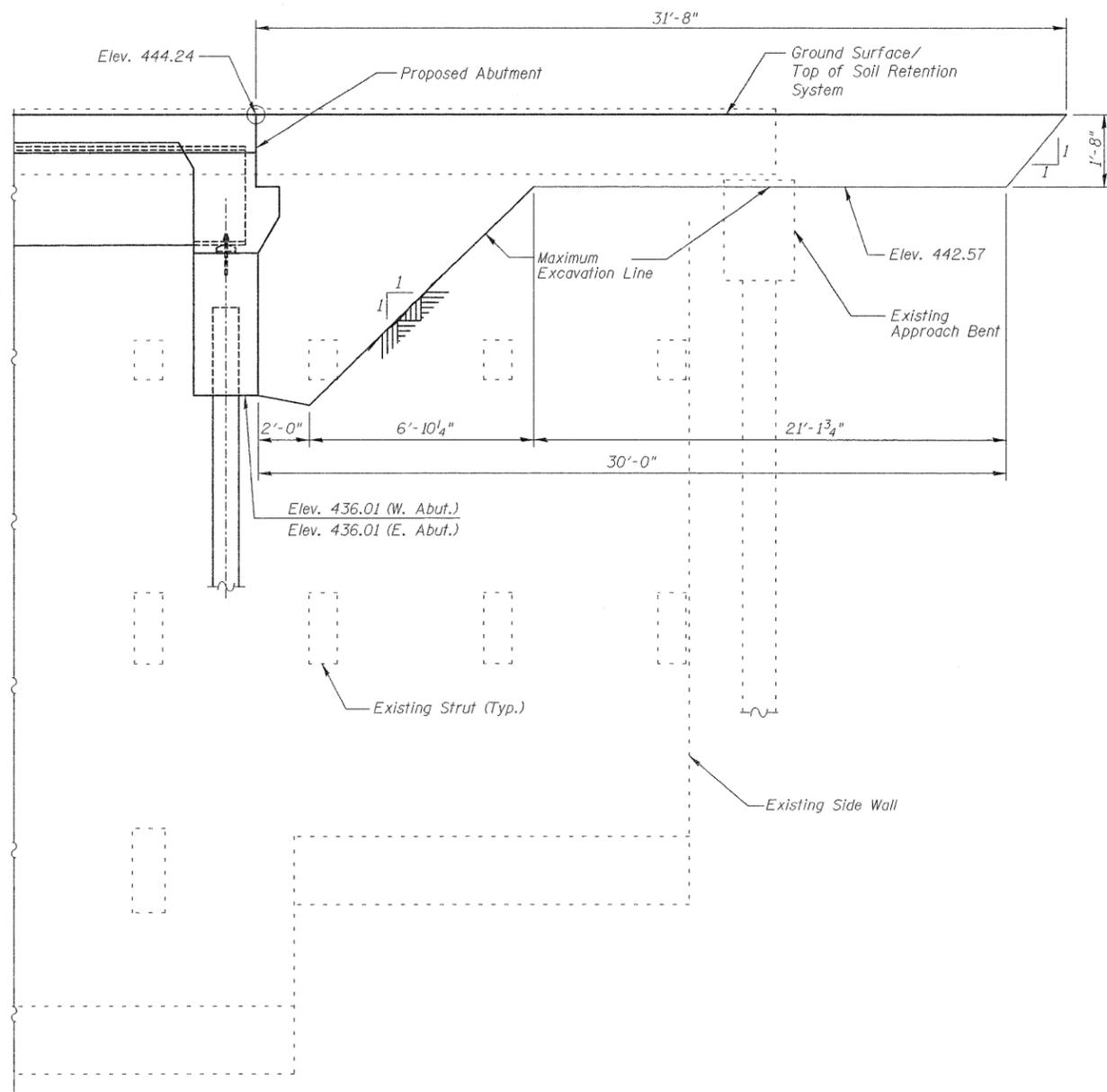


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF DRAWINGS

1. General Plan and Elevation
2. General Details
3. Stage Construction Details
4. Substructure Layout
5. Top of Slab Elevations
6. Top of Slab Elevations
7. Top of Slab Elevations
8. Top of Slab Elevations
9. Top of Approach Slab Elevations
10. Top of Approach Slab Elevations
11. Superstructure
12. Superstructure Details
13. Diaphragm Details
14. Structural Steel
15. Bearing Details
16. West Abutment
17. East Abutment
18. Pier 1
19. Pier 1 Details
20. Pier 2
21. Pier 2 Details
22. HP Pile Details
23. Temporary Concrete Barrier Details
24. Bar Splicer Details
25. Concrete Parapet Slipforming Option
26. Boring Logs
27. Boring Logs
28. Boring Logs



SECTION THRU INTEGRAL ABUTMENTS

(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).

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment, Special	Cu. Yd.		175	175
Stone Riprap, Class A5	Sq. Yd.		2550	2550
Filter Fabric	Sq. Yd.		2550	2550
Removal of Existing Structures	Each			1
Structure Excavation	Cu. Yd.		298	298
Floor Drains	Each	28		28
Concrete Structures	Cu. Yd.		200.0	200.0
Concrete Superstructure	Cu. Yd.	351.8		351.8
Bridge Deck Grooving	Sq. Yd.	1022		1022
Concrete Encasement	Cu. Yd.		10.6	10.6
Protective Coat	Sq. Yd.	1279		1279
Furnishing and Erecting Structural Steel	Lump Sum	1		1
Stud Shear Connectors	Each	4011		4011
Reinforcement Bars, Epoxy Coated	Pound	83110	19120	102230
Bar Splicers	Each	835	136	971
Furnishing Steel Piles HP 12x53	Foot		912	912
Furnishing Steel Piles HP 12x74	Foot		1246	1246
Driving Piles	Foot		2158	2158
Test Pile Steel HP 12x53	Each		2	2
Test Pile Steel HP 12x74	Each		1	1
Pile Shoes	Each		30	30
Name Plates	Each	1		1
Anchor Bolts, 1"	Each	56		56
Geocomposite Wall Drain	Sq. Yd.		90	90
Pipe Underdrain for Structures 4"	Foot		119	119
Temporary Soil Retention System	Sq. Ft.		172	172
Underwater Structure Excavation Protection-Location 1	Each		1	1
Underwater Structure Excavation Protection-Location 2	Each		1	1
Asbestos Bearing Pad Removal	Each	66		66

TEMPORARY SOIL RETENTION
SYSTEM AT ABUTMENTS

Note:
A cantilever 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.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Temporary Soil Retention System	Sq. Ft.	172

GENERAL DETAILS
ILLINOIS ROUTE 3 OVER
PIASA CREEK
F.A.U. ROUTE 8956 SEC 59BR-1
MADISON COUNTY
STATION 638+11.00
STRUCTURE NO. 060-0343

DESIGNED	DB
CHECKED	RS
DRAWN	ER
CHECKED	WWH



Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2106 State Street
Granite City, Illinois 62040
Phone: (618)577-1400
Fax: (618)452-5541
100 North Research Drive
Edwardsville, Illinois 62025
Phone: (618)959-9000/(618) 659-0800
Fax: (618)959-0941
Registered Professional Service Corporation License No. 184-003389

SHEET NO. 2 28 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	8956	59BR-1	MADISON		31
STRUCTURE NO. 060-0343		CONTRACT NO. 76B18			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			