

GENERAL NOTES

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts in painted areas and M164 Type 3 in unpainted areas. Bolts 7/8 in. φ, holes 15/16 in. φ, unless otherwise noted.

Calculated weight of Structural Steel = AASHTO M 270 Grade 50W = 627,070 pounds

All structural steel shall be AASHTO M 270 Grade 50W except expansion joints which shall be AASHTO M 270 Grade 50.

No field welding is permitted except as specified in the contract documents.

Reinforcement bars designated (E) shall be epoxy coated.

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

Concrete Sealer shall be applied to the designated areas of the abutments.

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

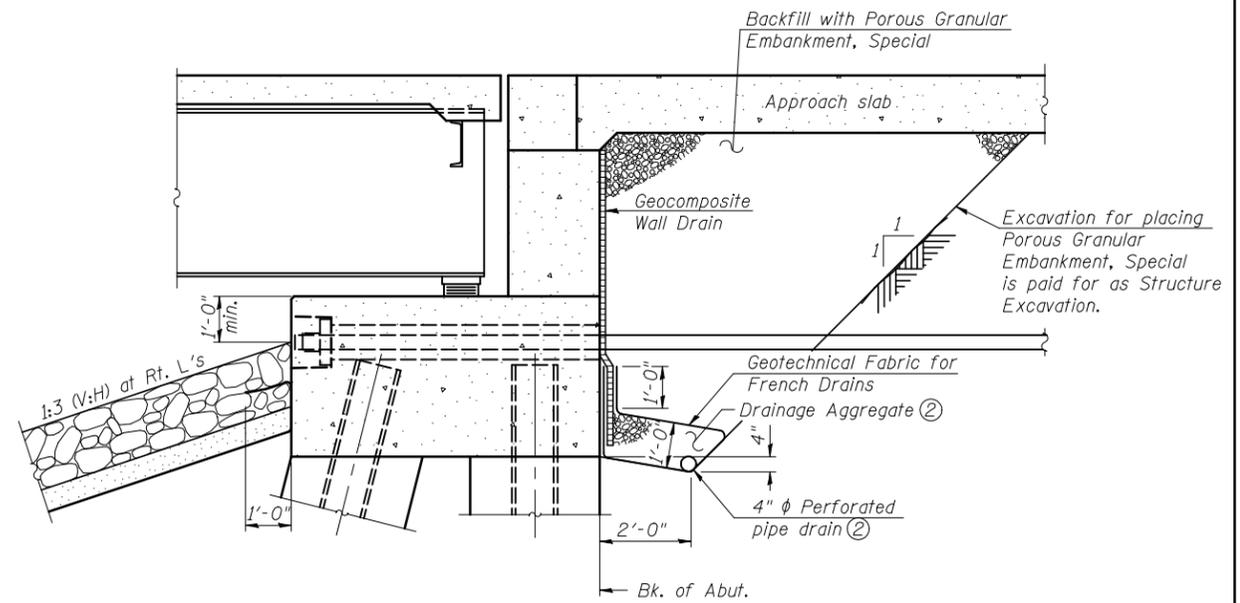
All structural steel and exposed surfaces of bearings within a distance of 10 ft. each way from the deck joints shall be painted.

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

Slipforming of the parapets is not allowed.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
③ Stone Riprap, Class A4	Sq. Yd.	-	2,445	2,445
③ Filter Fabric	Sq. Yd.	-	2,445	2,445
Removal of Existing Structures	Each	-	-	1
Structure Excavation	Cu. Yd.	-	1,238	1,238
Cofferdam Excavation	Cu. Yd.	-	2,514	2,514
Cofferdam (Type 2) (Location-3)	Each	-	1	1
Cofferdam (Type 2) (Location-4)	Each	-	1	1
Concrete Structures	Cu. Yd.	-	2,133.9	2,133.9
Concrete Superstructure	Cu. Yd.	995.3	-	995.3
Bridge Deck Grooving	Sq. Yd.	2,467	-	2,467
Seal Coat Concrete	Cu. Yd.	-	1,093.4	1,093.4
Concrete Encasement	Cu. Yd.	-	31.8	31.8
Protective Coat	Sq. Yd.	3,654	-	3,654
Furnishing and Erecting Structural Steel	L. Sum	0.5	-	0.5
Stud Shear Connectors	Each	8,136	-	8,136
Reinforcement Bars, Epoxy Coated	Pound	292,890	354,310	647,200
Bar Splicers	Each	-	108	108
Bridge Fence Railing (Sidewalk)	Foot	575	-	575
Parapet Railing	Foot	571	-	571
Furnishing Steel Piles HP14x73	Foot	-	5,208	5,208
Furnishing Steel Piles HP14x89	Foot	-	4,995	4,995
Driving Piles	Foot	-	10,203	10,203
Test Pile Steel HP14x73	Each	-	4	4
Test Pile Steel HP14x89	Each	-	2	2
Name Plates	Each	1	-	1
Preformed Joint Strip Seal	Foot	122	-	122
Elastomeric Bearing Assembly, Type I	Each	6	-	6
Elastomeric Bearing Assembly, Type II	Each	12	-	12
Anchor Bolts, 1"	Each	60	-	60
Anchor Bolts, 1 1/2"	Each	12	-	12
Concrete Sealer	Sq. Ft.	-	1,325	1,325
Geocomposite Wall Drain	Sq. Yd.	-	108	108
Drainage Scuppers, DS-11	Each	2	-	2
Pipe Underdrains for Structures 4"	Foot	180	-	180
Permanent Ground Anchor	Each	-	16	16
Porous Granular Embankment, Special	Cu. Yd.	-	245	245
Mechanical Splicers	Each	-	1,688	1,688
Tie Rod	Each	-	16	16



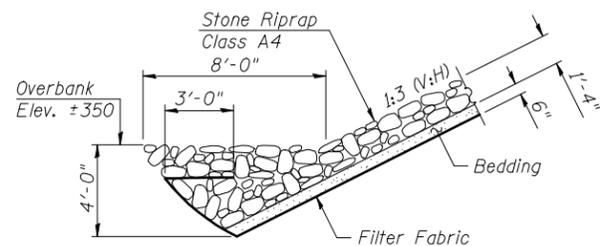
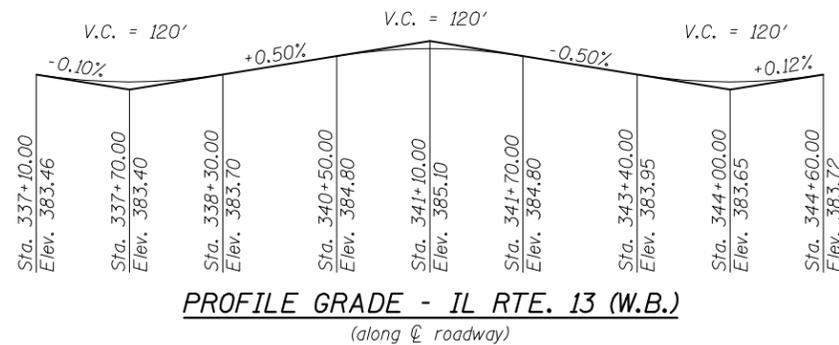
SECTION THRU PILE SUPPORTED STUB ABUTMENT (1)
(Horiz. dim. at Rt. L's)

INDEX OF SHEETS

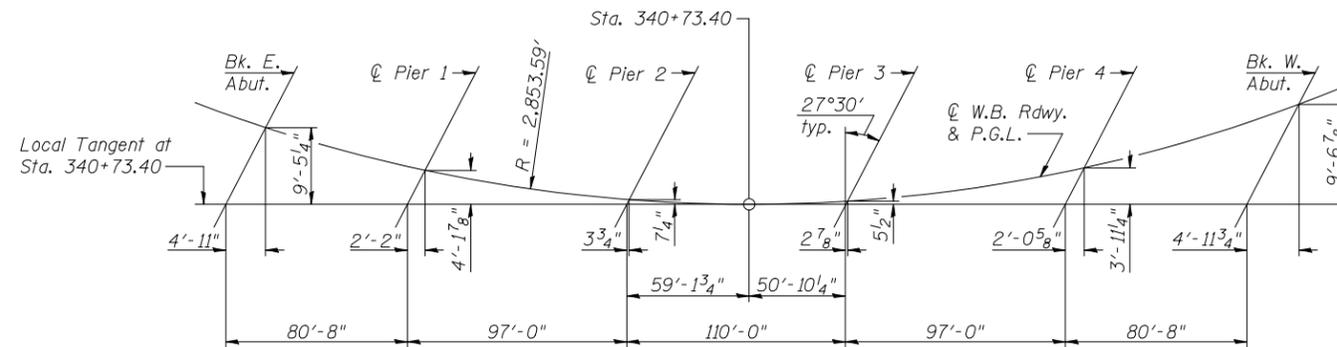
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CURVE DATA - IL RTE. 13 (W.B.)

Δ = 20°22'01"
D = 2°00'28"
R = 2,853.59'
T = 512.59'
L = 1,014.37'
E = 45.67'
S.E. = 0.025'/'
P.C. Sta. = 336+80.97
P.I. Sta. = 341+93.56
P.T. Sta. = 346+95.33



SECTION A-A



OFFSET SKETCH - IL RTE. 13 (W.B.)

Notes:

- ① All drainage system components shall extend parallel to the abutment back wall until they intersect the wingwalls. The pipe shall extend under the wingwall until intersecting the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 60110).
- ② Included in the cost of Pipe Underdrains for Structures 4".
- ③ Quantity is total assumed to be placed during construction of S.N. 039-0076. Actual quantity as directed by the Engineer.



USER NAME =	DESIGNED - JAD	REVISED -
PLOT SCALE =	CHECKED - DGL	REVISED -
PLOT DATE =	DRAWN - MAG	REVISED -
	CHECKED - DGL	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NO. 039-0076 (W.B.)

SHEET NO. 2 OF 53 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(12-11B-1)	JACKSON	200	114
CONTRACT NO. 78056				

ILLINOIS FED. AID PROJECT