

INDEX OF SHEETS

- S1 General Plan and Elevation
- S2 General Data
- S3 Removal Plan
- S4 Top of Deck Elevations (1 of 2)
- S5 Top of Deck Elevations (2 of 2)
- S6 South Approach Slab Elevations
- S7 North Approach Slab Elevations
- S8 Deck Plan and Section
- S9 Parapet and Superstructure Details
- S10 Preformed Joint Strip Seal
- S11 Bridge South Approach Slab Details
- S12 Bridge North Approach Slab Details
- S13 Bridge Approach Slab Details
- S14 Framing Plan and Girder Elevation
- S15 Structural Steel Detail
- S16 Bearing Details
- S17 Cantilever Forming Brackets for Superstructures with W27 Beams and Smaller
- S18 South Abutment Plan and Elevation
- S19 South Abutment Details
- S20 North Abutment Plan and Elevation
- S21 North Abutment Details
- S22 Wing Walls Elevation and Details
- S23 Retaining Walls Plan and Elevation
- S24 Retaining Walls Section and Details
- S25 Soldier Pile Plan and Elevation
- S26 Bar Splicer Assembly and Mechanical Splicer Details
- S27 HP Pile Details
- S28 Soil Boring Logs
- S29 Existing Bridge Plans (1 of 6)
- S30 Existing Bridge Plans (2 of 6)
- S31 Existing Bridge Plans (3 of 6)
- S32 Existing Bridge Plans (4 of 6)
- S33 Existing Bridge Plans (5 of 6)
- S34 Existing Bridge Plans (6 of 6)

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A4	Sq. Yd.		333	333
Filter Fabric	Sq. Yd.		333	333
Concrete Removal	Cu. Yd.		68.0	68.0
Removal of Existing Superstructures	Each	1		1
Structure Excavation	Cu. Yd.		278	278
Floor Drains	Each	6		6
Concrete Structures	Cu. Yd.		153.6	153.6
Concrete Superstructure	Cu. Yd.	293.6		293.6
Bridge Deck Grooving	Sq. Yd.	571		571
Protective Coat	Sq. Yd.	715		715
Erecting Structural Steel	L. Sum	1		1
Stud Shear Connectors	Each	1,533	1,347	2,880
Reinforcement Bars, Epoxy Coated	Pound	64,140	28,140	92,280
Bar Splicers	Each	112		112
Furnishing Soldier Piles HP Sections	Foot		917	917
Driving Soldier Piles	Foot		917	917
Pile Shoes	Each		31	31
Name Plates	Each	1		1
Preformed Joint Strip Seal	Foot	113.0		113.0
Erecting Elastomeric Bearing Assembly, Type I	Each	7		7
Anchor Bolt 5/8"	Each	14		14
Anchor Bolt 1"	Each	14		14
Concrete Sealer	Sq. ft.		1,209	1,209
Epoxy Crack Injection	Foot		5	5
Geocomposite Wall Drain	Sq. Yd.		187	187
Porous Granular Embankment, Special	Cu. Yd.		218	218
Retaining Wall Removal	Foot		193	193
Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq. ft.		23	23
Pipe Underdrains for Structures 4"	Foot		298	298
Untreated Timber Lagging	Sq. ft.		979	979
Asbestos Bearing Pad Removal	Each	39		39
Conduit Attached to Structure, 4" Dia., PVC Coated Galvanized Steel	Foot	126		126

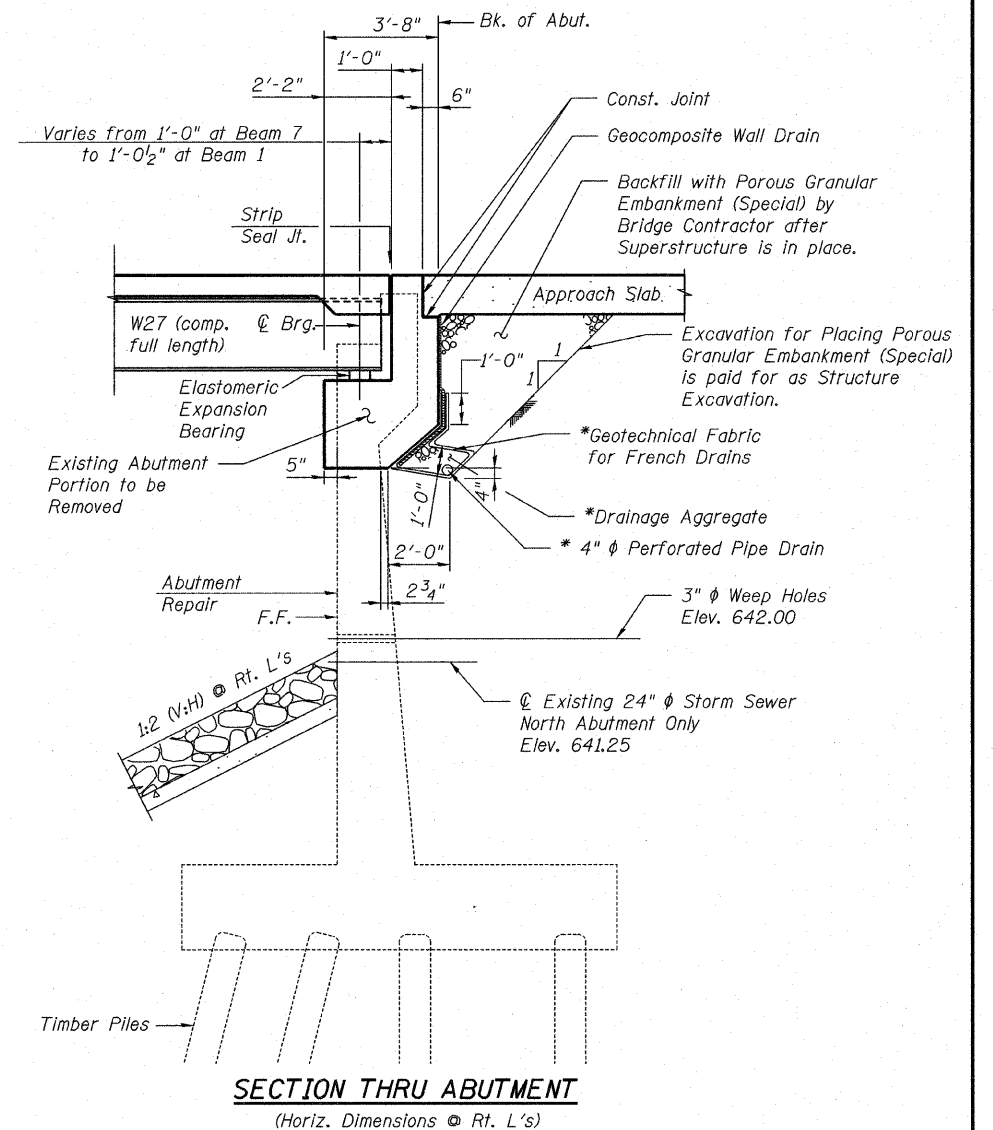
GENERAL NOTES

1. Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts 3/4"  $\phi$ , holes 5/8"  $\phi$ , unless otherwise noted.
2. Calculated weight of Structural Steel:  
Grade 50 Structural Steel = 39,000 #  
Grade 36 Structural Steel = 7,000 #
3. No field welding is permitted except as specified in the contract documents.
4. Reinforcement bars designated (E) shall be epoxy coated.
5. Concrete Sealer shall be applied to the designated areas of the exposed surface of the new abutment caps and backwall.
6. The Organic Zinc Rich Primer / Epoxy / Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception that masked off connection surfaces, field installed fasteners and damaged areas shall be touched up in the field. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Reddish Brown (Munsell No 2.5YR 3/4).
7. Plan dimensions and details relative to existing plans are subject to nominal construction 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 at the unit price bid for the work.
8. Slip forming of parapets is not allowed.
9. Layout of slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
10. The concrete for bridge decks finished according to Article 503.16(a) of the Standard Specifications shall be placed and compacted parallel to the skew in uniform increments along centerline of bridge. The machine used for finishing shall be set parallel to the skew for striking off and screeding the concrete.

STATION 13+25.00  
REBUILT 20\_\_ BY  
STATE OF ILLINOIS  
F.A.U.2845 - SEC. 0505-B  
LOADING HL-93  
STRUCTURE NO.016-0772

**NAME PLATE**  
See Std. 515001

Existing Name Plate shall be cleaned and relocated next to new Name Plate. Cost included with Name Plates.



\*Included in the cost of Pipe Underdrains for Structures 4".

All drainage system components shall extend the full length of the abutments except an outlet pipe shall extend until intersecting with the wingwalls. The wingwalls shall be cored to accept the Outlet Pipe. The Outlet Pipe shall not be located closer than 2'-0" to the top of the wingwall. This work shall be included in the pay item for Pipe Underdrains for Structures 4".