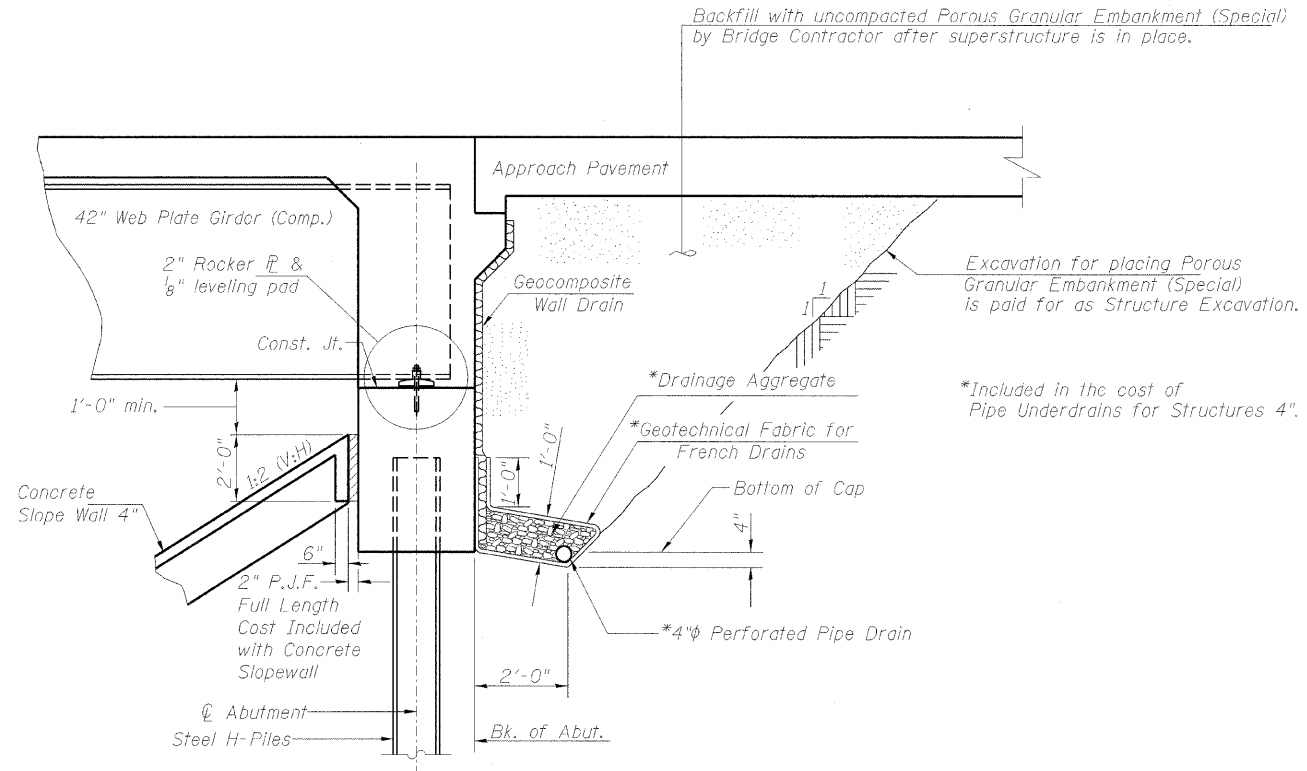


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 2 22 SHEETS CONTRACT NO. 66542
F.A.U. Rte. 6120	*	LaSALLE	492	270	
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-		

**GENERAL NOTES**

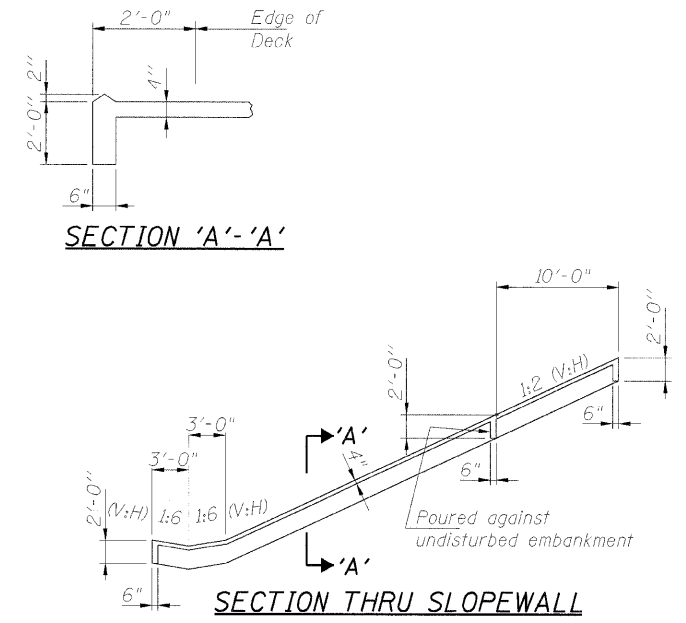
- Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts 7/8"  $\phi$ , open holes 15/16"  $\phi$ , unless otherwise noted.
- Calculated weight of Structural Steel: AASHTO M270 Grade 50 = 280670 lbs.  
AASHTO M270 Grade 36 = 43320 lbs.
- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars shall conform to the requirements of ASTM A 705 Gr 60. See Special Provisions.
- 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 in. (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearing.
- The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.
- The Inorganic zinc rich primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. 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 Intersate Green, Munsell No. 7.5G 4/8. See Special Provision for "Cleaning and Painting New Metal Structures".
- If the Contractor elects to use cantilever forming brackets on the exterior girders, the brackets shall be placed at the same locations as required for the hardwood blocks in article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior girder at each of these additional bracket locations.
- Plan dimensions and details relative to existing plans are subject to routine 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 based upon the unit price bid for the work.
- Slipforming of parapets is not allowed.
- The SSPC QP-1 painting contractor certifications will be required for this contract.



**SECTION THRU INTEGRAL ABUTMENT AND SLOPEWALL**

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 District 3 Highway Standard 611-3)

STATION 115+00.00  
BUILT 20-- BY  
STATE OF ILLINOIS  
F.A.I. 80 SEC. 50-3HBK  
LOADING HS20-44  
STR. NO. 050-0248  
**NAME PLATE**  
See Std. 515001



Note: Slope wall shall be reinforced with welded wire fabric 6" x 6" - W4.0 x W4.0 58 lbs. / 100 Sq. Ft.

**INDEX OF SHEETS**

- General Plan
- General Notes
- Deck Stage Construction Sequence
- Pier Stage Construction Sequence
- Temporary Concrete Barrier
- Top of Slab Elevations (Sheet 1)
- Top of Slab Elevations (Sheet 2)
- Top of South Approach Slab Elevations
- Top of North Approach Slab Elevations
- Superstructure
- Superstructure Details
- End Diaphragm Details
- Structural Steel
- Structural Steel Details
- Bearing Details
- South Abutment
- North Abutment
- Pier
- Steel Pile Details
- Bar Splicer Assembly Details
- Boring Logs (Sheet 1)
- Boring Logs (Sheet 2)

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures	Each	-	-	1
Porous Granular Embankment, Special	Cu. Yd.	-	215	215
Structure Excavation	Cu. Yd.	-	523	523
Concrete Structures	Cu. Yd.	-	209.5	209.5
Concrete Superstructure	Cu. Yd.	411.9	-	411.9
Bridge Deck Grooving	Sq. Yd.	1137	-	1137
Protective Coat	Sq. Yd.	1504	-	1504
Furnishing and Erecting Structural Steel	L. Sum	1	-	1
Stud Shear Connectors	Each	3552	-	3552
Reinforcement Bars, Epoxy Coated	Pound	107680	38910	146590
Slope Wall 4 Inch	Sq. Yd.	-	548	548
Furnishing Steel Piles HP 12x53	Foot	-	909	909
Furnishing Steel Piles HP 12x63	Foot	-	630	630
Driving Piles	Foot	-	1539	1539
Test Pile Steel HP 12x53	Each	-	2	2
Test Pile Steel HP 12x63	Each	-	1	1
Temporary Sheet Piling	Sq. Ft.	-	303	303
Name Plates	Each	-	1	1
Bar Splicers	Each	876	86	962
Protective Shield	Sq. Yd.	-	1287	1287
Pipe Underdrains for Structures 4"	Foot	-	215	215
Geocomposite Wall Drain	Sq. Yd.	-	118	118
Concrete Encasement	Cu. Yd.	-	7.0	7.0

**EXISTING PAVEMENT PROFILE ELEVATIONS ALONG I-80**

Along I-80 E.B. Outside E.O.P.		Along I-80 E.B. $\phi$ Roadway		Along I-80 E.B. Inside E.O.P.		Along I-80 W.B. Inside E.O.P.		Along I-80 W.B. $\phi$ Roadway		Along I-80 W.B. Outside E.O.P.	
Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation
894+50.63	624.29	894+50.18	624.51	894+50.28	624.36	894+50.31	624.36	894+50.04	624.52	894+49.40	624.32
895+00.08	624.22	894+99.95	624.50	895+00.04	624.37	895+00.56	624.34	895+00.21	624.45	895+00.78	624.23
895+51.14	624.40	895+50.22	624.62	895+50.09	624.42	895+50.41	624.37	895+50.53	624.50	895+51.36	624.31
895+99.57	624.51	895+99.63	624.73	895+99.94	624.50	895+99.96	624.51	895+99.87	624.76	896+00.45	624.58
896+50.00	624.60	896+49.64	624.83	896+49.57	624.57	896+50.31	624.66	896+50.09	624.78	896+50.44	624.61
896+99.08	624.71	896+99.39	624.91	897+00.01	624.73	896+99.59	624.88	897+00.35	625.04	897+00.55	624.81
897+50.05	624.95	897+49.94	625.17	897+50.20	624.99	897+50.26	625.09	897+50.19	625.22	897+49.94	625.00

**GENERAL NOTES**  
UTICA ROAD (IL. RTE. 178) over F.A.I. ROUTE 80  
SECTION 50-3HBK  
LaSALLE COUNTY  
STATION 115+00.00  
STRUCTURE NO. 050-0248

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**HANSON**

JOB NO. 05S2015  
DATE 10/12/09

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