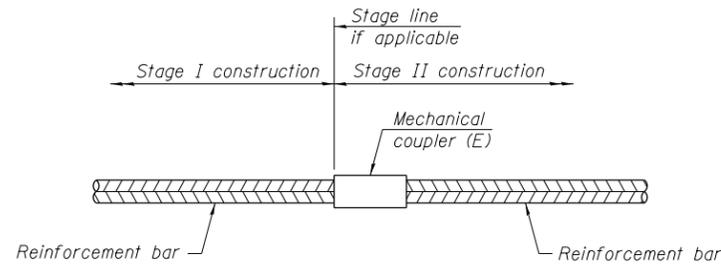


GENERAL NOTES

Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts.
 Bolts $\frac{7}{8}$ in. ϕ , holes $\frac{5}{16}$ in. ϕ , unless otherwise noted.
 Calculated weight of Grade 36 Structural Steel = 55,100 Pounds.
 Calculated weight of Grade 50 Structural Steel = 448,515 Pounds.
 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 $\frac{1}{8}$ inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
 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 Reddish Brown, Munsell No. 2.5 YR 3/4.
 All exposed concrete edges shall have a $\frac{3}{4}$ " x 45° chamfer, except where shown otherwise on vertical edges shall be continued a minimum of one foot below finished ground level.
 Slipforming of the parapets is not allowed.
 The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.

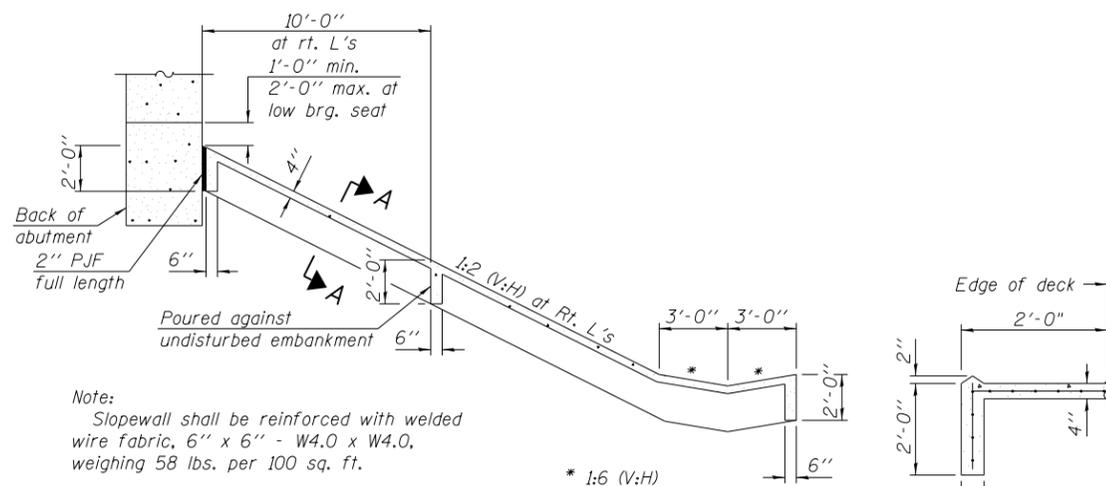


STANDARD MECHANICAL SPLICER

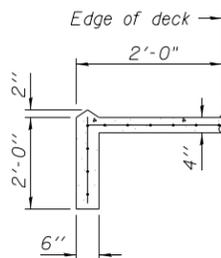
Location	Bar size	No. assemblies required
Pier Crashwall	No. 5	40

NOTES

See approved list of bar splicer assemblies and mechanical splicers for alternatives.



SECTION THRU CONCRETE SLOPEWALL



SECTION A-A

INDEX OF SHEETS

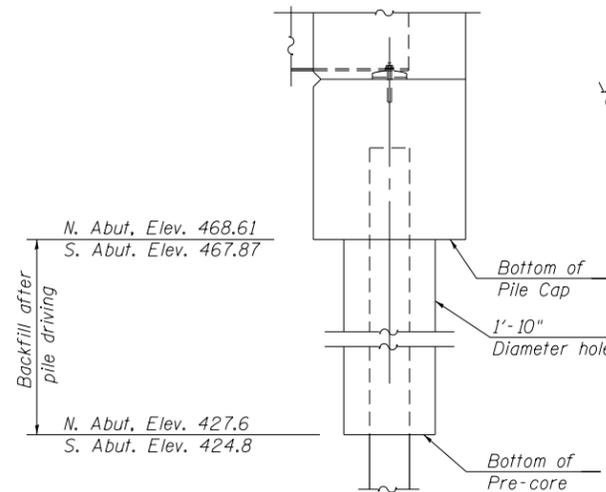
- 1 General Plan and Elevation
- 2 General Notes, Index of Sheets and Total Bill of Materials
- 3 Top of Deck Elevations Plan
- 4 Top of Deck Elevations I
- 5 Top of Deck Elevations II
- 6 Top of North Approach Slab Elevations
- 7 Top of South Approach Slab Elevations
- 8 Deck Plan
- 9 Deck Cross Section
- 10 Superstructure Details
- 11 Integral Abutment Diaphragm Details
- 12 Bridge Approach Slab Details I
- 13 Bridge Approach Slab Details II
- 14 Bridge Approach Slab Details III
- 15 Bridge Railing Details I
- 16 Bridge Railing Details II
- 17 Framing Plan
- 18 Steel Details
- 19 Bearing and Miscellaneous Details
- 20 North Abutment Plan and Elevation
- 21 South Abutment Plan and Elevation
- 22 Abutment Details
- 23 Pier Plan and Elevation
- 24 Pier Details
- 25 HP Pile Details
- 26 Soil Boring Logs
- 27 Soil Boring Logs

TOTAL BILL OF MATERIAL

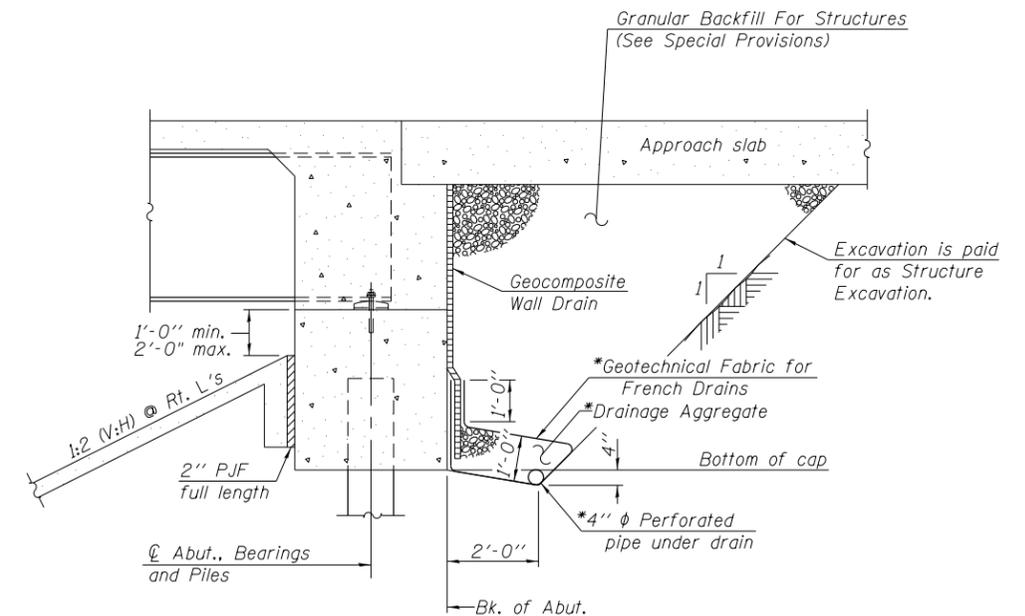
ITEM	UNIT	SUPER	SUB	TOTAL
Granular Backfill For Structures	Cu. Yd.		335	335
Structure Excavation	Cu. Yd.		335	335
Braced Excavation	Cu. Yd.		188	188
Concrete Structures	Cu. Yd.		342.7	342.7
Concrete Superstructure	Cu. Yd.	860.1		860.1
Bridge Deck Grooving	Sq. Yd.	1826		1826
Protective Coat	Sq. Yd.	2661.7	33.2	2695
Furnishing and Erecting Structural Steel	Lump Sum	1		1
Stud Shear Connectors	Each	6090		6090
Reinforcement Bars, Epoxy Coated	Pound	214,770	77,310	292,080
Mechanical Splicers	Each		40	40
Furnishing Steel Piles HP 14x89	Foot		1744	1744
Driving Piles	Foot		1744	1744
Test Pile Steel HP 14x89	Each		1	1
Name Plates	Each		1	1
Anchor Bolts, 1"	Each	40		40
Anchor Bolts, 1 1/4"	Each	20		20
Geocomposite Wall Drain	Sq. Yd.		187	187
Decorative Steel Railing	Foot	211		211
Parapet Mounted Bridge Lighting System	Lump Sum	1		1
Staining Concrete Structures	Sq. Ft.	2286	3465	5751
Slope Wall, 4 Inch	Sq. Yd.		797	797
Parapet Railing	Foot	423		423
Pipe Underdrains For Structures 4"	Foot		234	234

STATION 99+68.00
 BUILT BY
 STATE OF ILLINOIS
 F.A.P. 331 SEC.(1-3) HBK-1
 LOADING HL-93
 STRUCTURE NO. 100-0099

NAME PLATE
 See Std. 515001



PRE-CORE DETAIL



SECTION THRU INTEGRAL ABUTMENT
 (Horiz. dim. @ Rt. L's)

*Included in the cost of Pipe Underdrains for Structures. (See Special Provisions)

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).

FILE NAME = 1000099-978221-002-GN1.BOM.dgn	USER NAME = mfox	DESIGNED - DF	REVISED -
CH2MHILL	PLOT SCALE = 0.1667' / 1"	CHECKED - JE	REVISED -
PLOT DATE = 3/12/2014		DRAWN - AK	REVISED -
		CHECKED - JE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, INDEX OF SHEETS AND TOTAL BILL OF MATERIALS
STRUCTURE NO. 100-0099

SHEET NO. 2 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-3)R-2, N-4, TS-4, HBK-1	WILLIAMSON	733	359
DRAWING NO. BR-02			CONTRACT NO. 78221	
ILLINOIS FED. AID PROJECT				