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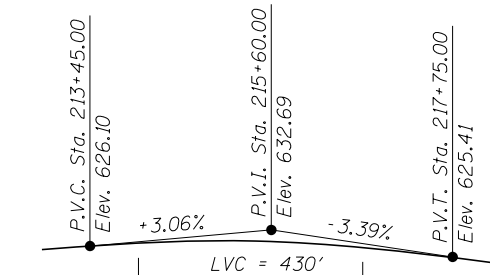
For existing bridge plans, see Sheets SBX1 thru SBX7, immediately following Sheet SB43.

GENERAL NOTES

1. Fasteners shall be ASTM A325, Type 1, mechanically galvanized bolts. Bolts 7/8" diameter, holes 15/16" diameter, unless otherwise noted.
2. Calculated weight of Structural Steel = 285,450 lbs. (AASHTO M 270 Grade 50)
3. All new structural steel shall be metallized. See Special Provision for "Metallizing Structural Steel".
4. No field welding is permitted except as specified in the contract documents.
5. Reinforcement bars designated (E) shall be epoxy coated.
6. If the Contractor elects to use cantilever forming brackets on the exterior beams or 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.
7. 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 bearings.
8. Concrete Sealer shall be applied to the designated areas of the piers, abutments and MSE wall.
 - North and South Abutment - Front face of Backwall, Bearing Seats and front face of Abutment.
 - MSE Wall - front face of MSE Wall, front face and top of Coping and top of Coping seal.
 - Pier 1 and Pier 2 - All exposed concrete surfaces starting from 3'-0" above top of footing.
9. The existing structural steel coating contains lead. The contractor shall take appropriate precautions to deal with the presence of lead on this project.
10. The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
11. Slipforming of the parapets is not allowed.
12. Existing substructures to be removed to top of footing. Cost included with Removal of Existing Structures.

STATION 215+55.44
BUILT 201_ BY
STATE OF ILLINOIS
F.A.P. RT. 373
SEC. (0707-608&611)HB-B
LOADING HL-93
STRUCTURE NO. 016-1512

NAME PLATE
See Std. 515001

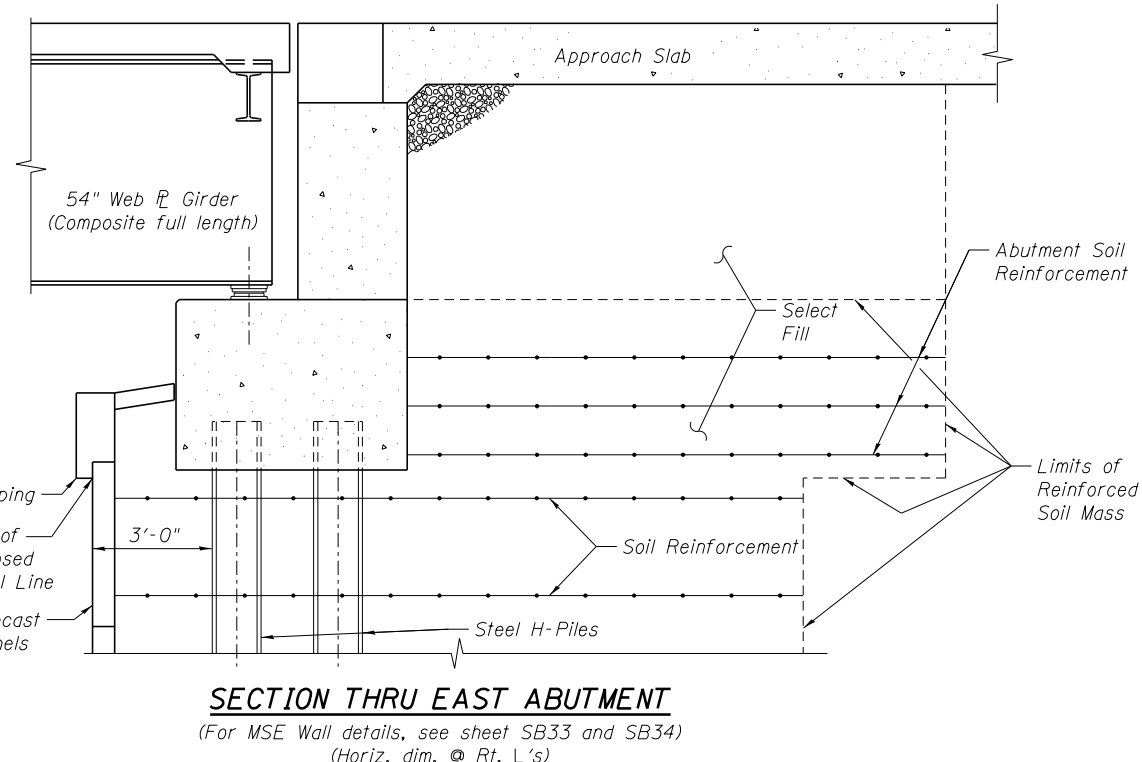
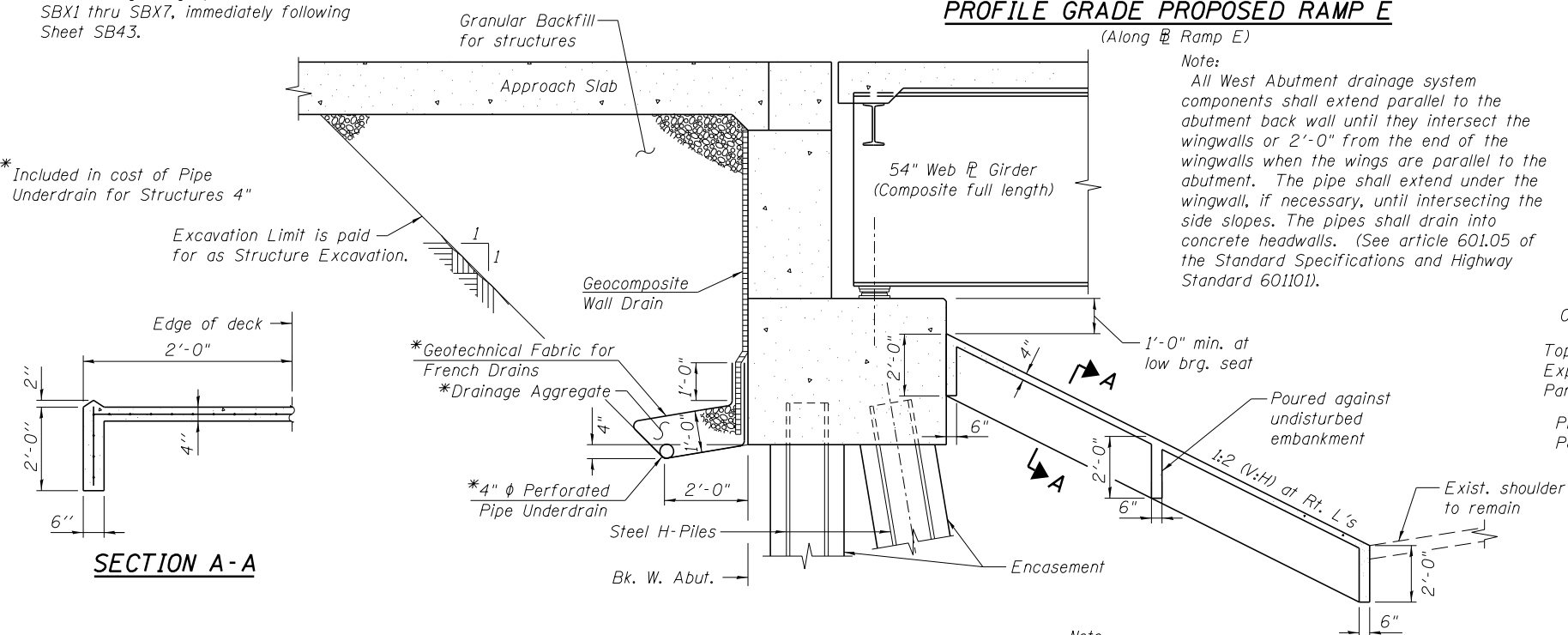


PROFILE GRADE PROPOSED RAMP E
(Along R Ramp E)

Note:
All West Abutment drainage system components shall extend parallel to the abutment back wall until they intersect the wingwalls or 2'-0" from the end of the wingwalls when the wings are parallel to the abutment. The pipe shall extend under the wingwall, if necessary, until intersecting 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
Removal of Existing Structures No. 2	Each	1	-	1
Protective Shield	Sq Yd	941	-	941
Structure Excavation	Cu Yd	-	709	709
Removal and Disposal of Unsuitable Material for Structures	Cu Yd	-	472	472
Concrete Structures	Cu Yd	-	375.4	375.4
Concrete Superstructure	Cu Yd	445.8	-	445.8
Bridge Deck Grooving	Sq Yd	1,123	-	1,123
Concrete Encasement	Cu Yd	-	3.8	3.8
Form Liner Textured Surface	Sq Ft	-	388	388
Protective Coat	Sq Yd	1,532	-	1,532
Furnishing and Erecting Structural Steel	L Sum	0.51	-	0.51
Stud Shear Connectors	Each	5,532	-	5,532
Reinforcement Bars, Epoxy Coated	Pound	126,560	51,090	177,650
Bar Splicers	Each	-	80	80
Slope Wall 4 Inch	Sq Yd	-	151	151
Furnishing Steel Piles HP12x53	Foot	-	3,008	3,008
Driving Piles	Foot	-	3,008	3,008
Test Pile Steel HP12x53	Each	-	4	4
Pile Shoes	Each	-	62	62
Name Plates	Each	1	-	1
Preformed Joint Strip Seal	Foot	83	-	83
Anchor Bolts, 3/4"	Each	-	48	48
Anchor Bolts, 1"	Each	-	16	16
Concrete Sealer	Sq Ft	-	5,465	5,465
Geocomposite Wall Drain	Sq Yd	-	62	62
High Load Multi-Rotational Bearings, Guided Expansion, 150K	Each	4	-	4
High Load Multi-Rotational Bearings, Guided Expansion, 250K	Each	4	-	4
High Load Multi-Rotational Bearings, Guided Expansion, 300K	Each	4	-	4
High Load Multi-Rotational Bearings, Fixed - 500K	Each	4	-	4
Granular Backfill For Structures	Cu Yd	-	68	68
Mechanically Stabilized Earth Retaining Wall	Sq Ft	-	2,006	2,006
Pipe Underdrains For Structures 4"	Foot	-	84	84
Temporary Soil Retention System	Sq Ft	-	2,708	2,708



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, BILL OF MATERIAL AND INDEX OF SHEETS
STRUCTURE NO. 016-1512
SHEET NO. SB2 OF SB43 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	(0707-608&611)HB-B	COOK	177	118
CONTRACT NO. 60W77			ILLINOIS FED. AID PROJECT	

FILE NAME =	USER NAME = ksnyder	DESIGNED - JHG	REVISED -
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	PLOT SCALE =	DRAWN - KMS	REVISED -
	PLOT DATE = 6/23/2014	CHECKED - KWS	REVISED -

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