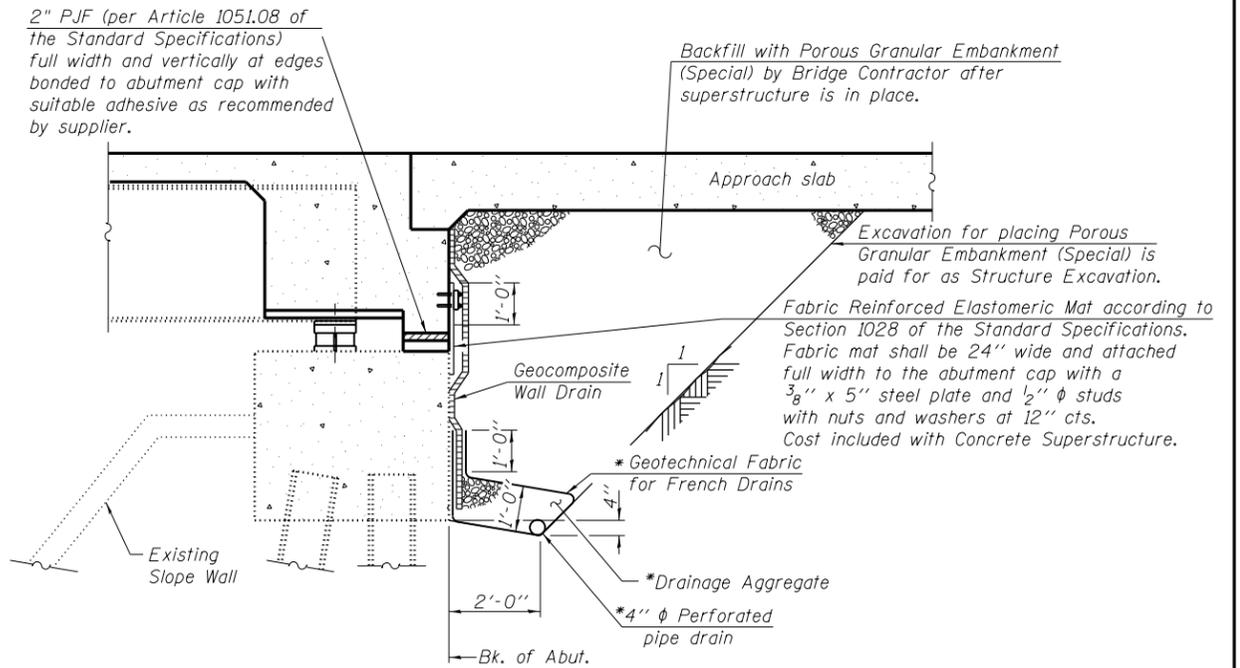


**GENERAL NOTES:**

1. Reinforcement bars designated (E) shall be epoxy coated.
2. No field welding is permitted except as specified in the contract documents.
3. Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.  
As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penetrant testing (PT) by qualified personnel approved by the Engineer. Any cracks that cannot be removed by grinding 1/4 inch deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.
4. 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.
5. 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.
6. Slip forming of parapets is not allowed.
7. Cleaning and field painting of structural steel shall be done under a separate painting contract.
8. The existing deck overlay contains asbestos. The Contractor shall take appropriate precautions to deal with the presence of asbestos on this project.

**INDEX OF SHEETS**

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- S-2 General Notes, Index of Sheets and Bill of Material
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- S-4 W.B. Top of Slab Elevations - 2
- S-5 E.B. Top of Slab Elevations - 1
- S-6 E.B. Top of Slab Elevations - 2
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- S-8 W.B. Top of East Approach Slab Elevations
- S-9 E.B. Top of West Approach Slab Elevations
- S-10 E.B. Top of East Approach Slab Elevations
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- S-31 W.B. Abutment Removal and Repairs
- S-32 E.B. Abutment Removal and Repairs
- S-33 Slope Wall Repair Details
- S-34 Bar Splicer and Mechanical Splicer Details



**SECTION THRU W.B. ABUTMENTS**

(Similar for E.B. Abutments)  
(Horiz. dim. @ Rt. L's)

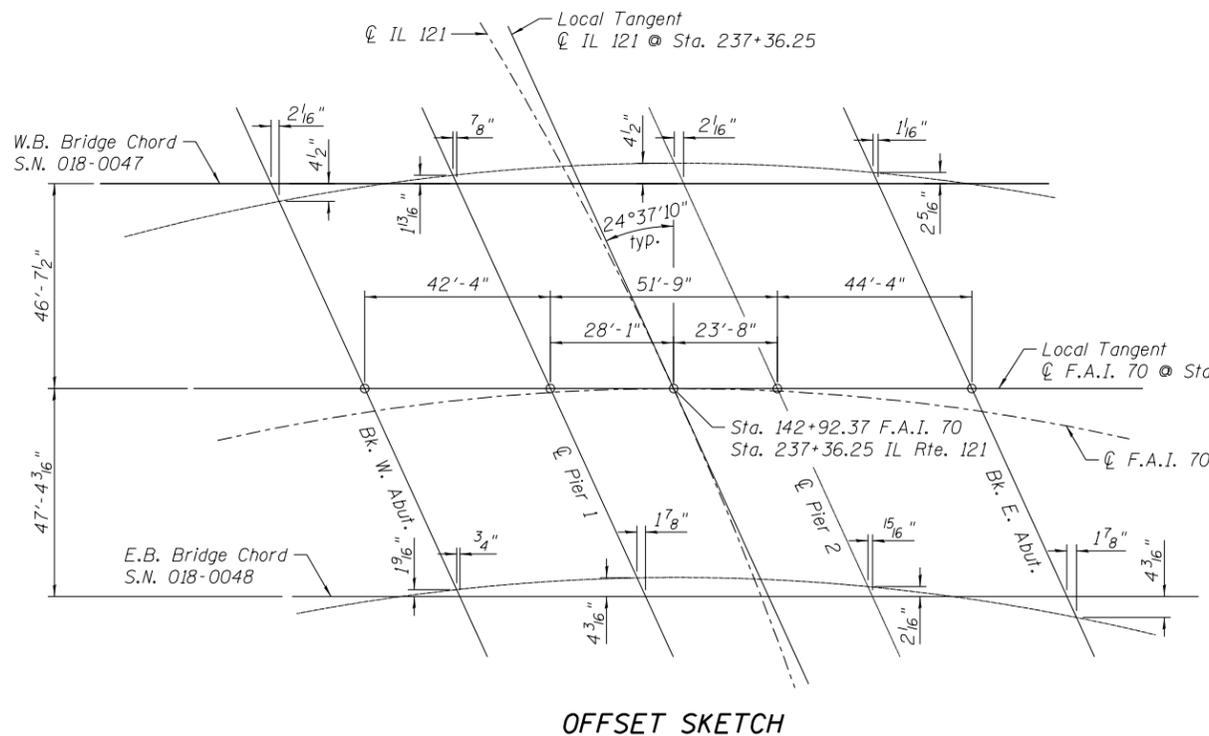
\*Included in the cost of Pipe Underdrains for Structures.

**NOTES:**

1. All drainage system components shall run under the wingwall footings and shall extend to 2'-0" from the face of each wingwall except an outlet pipe shall connect with a 4" pipe drain. The pipe drain shall extend to the toe of slope where it shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).
2. Porous Granular Embankment and Pipe Underdrains for Structures are billed with the abutments on sheets S-25 thru S-28.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	(E.B.) SUB	(E.B.) SUPER	(W.B.) SUB	(W.B.) SUPER	TOTAL
Concrete Removal	Cu. Yd.	34.3		34.2		68.5
Slope Wall Removal	Sq. Yd.	32		23		55
Removal Of Existing Concrete Deck No. 1	Each		1			1
Removal Of Existing Concrete Deck No. 2	Each				1	1
Protective Shield	Sq. Yd.		242		242	484
Structure Excavation	Cu. Yd.	194		199		393
Concrete Structures	Cu. Yd.	58.9		45.7		104.6
Concrete Superstructure	Cu. Yd.		344.3		343.1	687.4
Bridge Deck Grooving	Sq. Yd.		858		853	1,711
Protective Coat	Sq. Yd.		1,027		1,021	2,048
Furnishing And Erecting Structural Steel	Pound		1,830		2,490	4,320
Stud Shear Connectors	Each		3,624		3,423	7,047
Reinforcement Bars, Epoxy Coated	Pound	9,020	72,980	7,460	72,980	162,440
Bar Splicers	Each		90		90	180
Slope Wall 4 Inch	Sq. Yd.	85		23		108
Name Plates	Each		1		1	2
Elastomeric Bearing Assembly, Type I	Each		21		14	35
Anchor Bolts, 1"	Each		56		28	84
Geocomposite Wall Drain	Sq. Yd.	118		113		231
Pipe Drains 4"	Foot	250		250		500
Porous Granular Embankment, Special	Cu. Yd.	206		191		397
Jack And Remove Existing Bearings	Each		28		14	42
Structural Repair Of Concrete (Depth Equal To Or Less Than 5 Inches)	Sq. Ft.	3		3		6
Drainage Scuppers, DS-11	Each		1		1	2
Jacking Existing Superstructure	L. Sum		1			1
Pipe Underdrains For Structures 4"	Foot	134		134		268
Slope Wall Slurry Pumping	Cu. Yd.	10		47		57



STATION 142+92.37  
RE-BUILT 201\_ BY  
STATE OF ILLINOIS  
F.A.I. RT. 70 SEC. (18-47B, 18-47HB)BR  
LOADING HS20-44 & ALT.  
STRUCTURE NO. 018-0047

**NAME PLATE (W.B. BRIDGE)**  
See Std. 515001

STATION 142+92.37  
RE-BUILT 201\_ BY  
STATE OF ILLINOIS  
F.A.I. RT. 70 SEC. (18-47B, 18-47HB)BR  
LOADING HS20-44 & ALT.  
STRUCTURE NO. 018-0048

**NAME PLATE (E.B. BRIDGE)**  
See Std. 515001

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

N:\PROJ\10003377\00\0003377\07\Design\Structure\1\CAD\018-0047 & 018-0048-74466 02 General Notes - Revision 1.dgn



USER NAME = RDonley	DESIGNED - BWS	REVISED -
PLOT SCALE = 0:2.0000 '1" / in.	CHECKED - DL	REVISED -
PLOT DATE = 10/2/2012	DRAWN - RD	REVISED -
	CHECKED - DL	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, INDEX OF SHEETS AND BILL OF MATERIAL**  
**SN 018-0047 (W.B.) & 018-0048 (E.B.)**  
SHEET NO. S-2 OF S-34 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-47B, 18-47HB)BR	CUMBERLAND	147	60
CONTRACT NO. 74466				
ILLINOIS FED. AID PROJECT				