GENERAL NOTES

Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts. Bolts $\frac{7}{8}$" ϕ, holes $\frac{15}{16}$" ϕ, unless otherwise noted.

Calculated weight of Structural Steel =

AASHTO M 270 Grade 36 = 48,100 lb.
AASHTO M 270 Grade 50 = 526,390 lb.

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.

Concrete Sealer shall be applied to all exposed surfaces of the abutment backwalls, bridge seats, and pile caps.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

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 of the exterior surface and the bottom of the bottom flange of fascia beams, masked off connection surfaces, field installed fasteners and damaged areas, all of which 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.

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.

See "Erection of Highly Skewed Steel Structures" Special Provision.

INDEX OF SHEETS

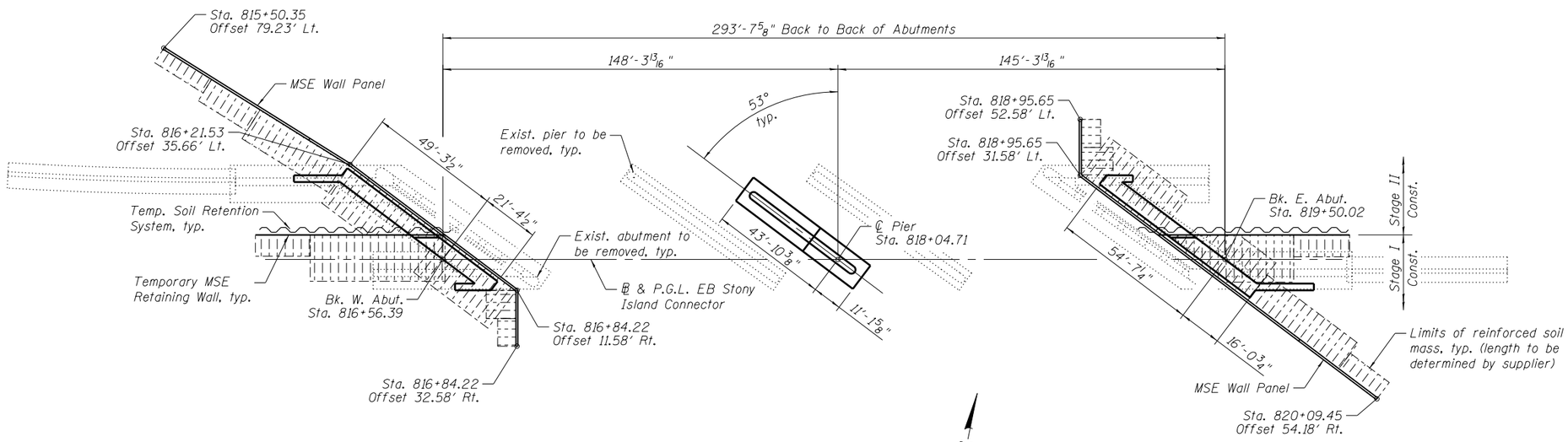
TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures No. 1	Each	1	-	1
Protective Shield	Sq Yd	1,373	-	1,373
Structure Excavation	Cu Yd	-	3,070	3,070
Concrete Structures	Cu Yd	43.0	397.1	440.1
Concrete Superstructure	Cu Yd	546.8	-	546.8
Bridge Deck Grooving	Sq Yd	1,463	-	1,463
Protective Coat	Sq Yd	1,861	-	1,861
Furnishing and Erecting Structural Steel	L Sum	0.45	-	0.45
Stud Shear Connectors	Each	7,728	-	7,728
Reinforcement Bars, Epoxy Coated	Pound	139,470	35,740	175,210
Bar Splicers	Each	2,142	176	2,318
Furnishing Metal Shell Piles 12" X 0.250"	Foot	-	2,354	2,354
Furnishing Metal Shell Piles 14" X 0.312"	Foot	-	1,400	1,400
Driving Piles	Foot	-	3,754	3,754
Test Pile Metal Shells	Each	-	3	3
Name Plates	Each	1	-	1
Preformed Joint Strip Seal	Foot	138	-	138
Elastomeric Bearing Assembly, Type I	Each	12	-	12
Anchor Bolts 1"	Each	24	-	24
Anchor Bolts $1\frac{1}{4}$"	Each	12	-	12
Concrete Sealer	Sq Ft	-	1,421	1,421
Drainage Scuppers, DS-11	Each	1	-	1
Drainage System	L Sum	-	0.5	0.5
Mechanically Stabilized Earth Retaining Wall	Sq Ft	-	4,250	4,250
Temparary Soil Retention System	Sq Ft	-	2,850	2,850
Temporary Mechanically Stabilized Earth Retaining Wall	Sq Ft	-	2,320	2,320

STATION 818+04.71
BUILT 20 BY
STATE OF ILLINOIS
F.A.I. RT. 94 SEC. 2012-059-BR
LOADING HL-93
STRUCTURE NO. 016-2470

NAME PLATE

See Std. 515001



FOOTING LAYOUT

Note:
Stations and offsets measured to front face of MSE wall panel.

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbandainc.com

USER NAME =	DESIGNED - TL	REVISED -	
	CHECKED - BAK	REVISED -	
PLOT SCALE =	DRAWN - TL	REVISED -	
PLOT DATE = 03/29/2013	CHECKED - BAK	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NO. 016-2470
SHEET NO. S-2 OF S-53 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	377
		CONTRACT NO. 60J12		
	ILLINOIS FED. AID PROJECT			