

GENERAL NOTES

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 work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

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

Reinforcement Bars designated (E) shall be epoxy coated.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal operations shall be replaced using an approved bar splicer or anchorage system. Cost included with CONCRETE REMOVAL.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50°F.

Areas of deck repairs shown are estimated. The Engineer shall show actual locations of deck repairs on as-built plans.

Removal and installation of the guardrail will be necessary for construction of the expansion joints. The existing guardrail sections shall be reused. All embedded anchors that are within the concrete removal area shall be cleaned and incorporated in the new construction or new approved alternatives shall be supplied and installed. This work and all materials shall be included in the contract unit price for CONCRETE SUPERSTRUCTURE.

Removal and installation of the handrail sections and support posts at both abutments will be necessary for construction of the expansion joints. The existing handrail sections and support posts shall be reused. New bolts, shim plates and post support anchor assemblies, as detailed in the plans, are to be provided and installed for the replacement of the handrail sections. This work and all materials shall be included in the contract unit price for CONCRETE SUPERSTRUCTURE.

Prior to pouring the new concrete deck, all heavy and 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.

All structural steel shall conform to AASHTO Classification M-270 Gr. 36 unless otherwise noted.

Protective Coat to be applied to areas of new concrete only.

TOTAL BILL OF MATERIALS

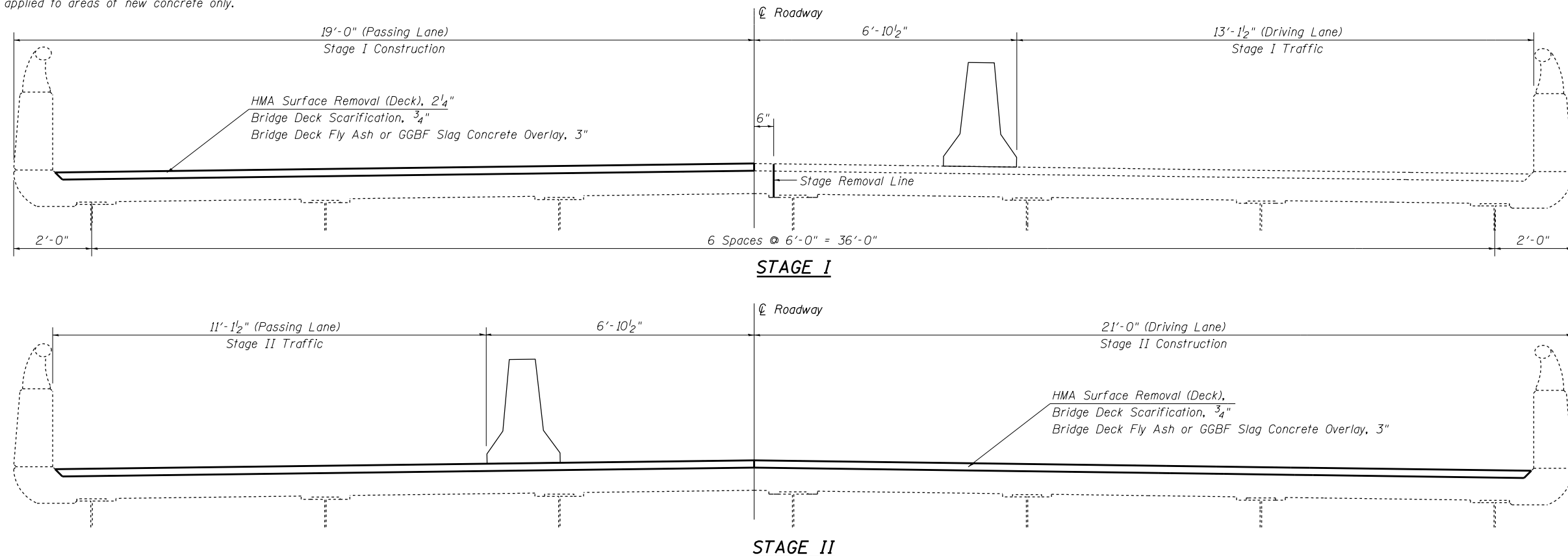
SN. 013-0002 (EB)

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	14.0
Concrete Superstructure	Cu. Yd.	14.0
Reinforcement Bars, Epoxy Coated	Pound	1960
Bar Splicers	Each	28
Preformed Joint Strip Seal	Foot	87.0
HMA Surface Removal (Deck)	Sq Yd	462
Bridge Deck Scarification, 3/4"	Sq Yd	462
Bridge Deck Fly Ash or GGBF Slag Concrete Overlay, 3"	Sq Yd	462
Bridge Deck Grooving	Sq Yd	458
Protective Coat	Sq Yd	39
Deck Slab Repair (Full Depth, Type I)	Sq Yd	7
Deck Slab Repair (Full Depth, Type II)	Sq Yd	29
Floor Drains	Each	16
Plug Existing Floor Drains	Each	16
Structural Repair of Concrete <5"	Sq Ft	18.0
Elastomeric Bearing Assembly, Type I	Each	7
Elastomeric Bearing Assembly, Type II	Each	7
Jack and Remove Existing Bearings	Each	14
Furnishing and Erecting Structural Steel	Pound	1510
Anchor Bolts 1"φ	Each	28

TOTAL BILL OF MATERIALS

SN. 013-0003 (WB)

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	14.0
Concrete Superstructure	Cu. Yd.	14.0
Reinforcement Bars, Epoxy Coated	Pound	1960
Bar Splicers	Each	28
Preformed Joint Strip Seal	Foot	87.0
HMA Surface Removal (Deck)	Sq Yd	462
Bridge Deck Scarification, 3/4"	Sq Yd	462
Bridge Deck Fly Ash or GGBF Slag Concrete Overlay, 3"	Sq Yd	462
Bridge Deck Grooving	Sq Yd	458
Protective Coat	Sq Yd	39
Deck Slab Repair (Full Depth, Type I)	Sq Yd	6
Deck Slab Repair (Full Depth, Type II)	Sq Yd	14
Floor Drains	Each	16
Plug Existing Floor Drains	Each	16
Structural Repair of Concrete <5"	Sq Ft	21.8
Elastomeric Bearing Assembly, Type I	Each	7
Elastomeric Bearing Assembly, Type II	Each	7
Jack and Remove Existing Bearings	Each	14
Furnishing and Erecting Structural Steel	Pound	1510
Anchor Bolts 1"φ	Each	28



FILE NAME =	USER NAME = steffenmk	DESIGNED - KLB	REVISED -
ei:\pw\work\p\d0312827\074600-sh1-brgenote-013000203.dgn		DRAWN - KLB	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED - MEA	REVISED -
	PLOT DATE = 3/29/2013	DATE - 08/23/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES & BILL OF MATERIALS
SN. 013-0002 (EB) & 013-0003 (WB)

SCALE: N/A SHEET 2 OF 15 SHEETS STA. TO STA.

• 07 Bridge Repairs 2014-1				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	•	CLAY	49	36
			CONTRACT NO. 74600	
ILLINOIS FED. AID PROJECT				