

DESIGN FIRM NO. 184000894

GENERAL NOTES

No field welding is permitted except as specified in the contract documents.

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See

Reinforcement bars designated (E) shall be epoxy coated.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreian 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 can not be removed by grinding '4in. 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.

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.

Protective coat shall not be applied to surfaces to which Waterproofing Membrane

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

All structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M300, Type 1. Cost included with Furnishing and Erecting Structural Steel,

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.

The deck surface shall have its final finish lined according to Article 420.09 (e)(1) of the Standard Specifications. Cost included with Concrete Superstructures.

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	ІТЕМ	UNIT	TOTAL		
	HMA Surface Course, Mix "C", N50	Ton	138.8		
	HMA Surface Removal (Deck)	Sq. Yd.	1454		
*	Concrete Removal	Cu. Yd.	27.0		
	Concrete Superstructure	Cu. Yd.	26.7		
	Protective Coat	Sq. Yd.	66		
	Jack and Remove Existing Bearings	Each	18		
	Reinforcement Bars, Epoxy Coated	Pound	5780		
	Bar Splicers	Each	56		
	Preformed Joint Strip Seal	Foot	201		
	Elastomeric Bearing Assembly, Type I	Each	18		
	Waterproofing Membrane System	Sq. Yd.	1417		
	Concrete Sealer	Sq. Ft.	5136		
	Structural Repair of Concrete Depth equal to or less than 5 inches	Sq. Ft.	<i>21</i> 5		
	Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	20		
	Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	20		
	Deck Slab Repair (Partial)	Sq. Yd.	93		
	Protective Shield	Sq. Yd.	420		
	Furnishing & Erecting Structural Steel	Pound	4480		
	Anchor Bolts, 1"	Each	36		

TOTAL BILL OF MATERIAL

ONS	*A1	oply on	new c	oncrete	only.							
				<u>GENERAL PLAN</u>								
					<u>IL</u>	138	3 OV	ER I-S	55	_		
TRESSES			F	.A.S.	RT	- .	728	OVER	F.	A.I.	55	5
UNITS	2			<u>SE</u>	CTIC	<u> </u>	(59 ,	68) RS	- 3	. BF	?	
psi			MACOUPIN COUNTY									
) psi (reinfor) psi (structu			STATION 100+00.00									
			STRUCTURE NO. 059-0039									
T NO. 1	F.A.S. RTE.		S	ECTION	N			COUNTY	,	TOT		SHEE' NO.
	728		(59,68) RS-3	3, BR			Macoupi	in	13	7	97
SHEETS							0	ONTRA	СТ	NO.	72	921
	FED. R	DAD DIS	ST. NO.	6 ILL	INOIS	FED.	AID	PROJECT				