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836001-03	LIGHT POLE FOUNDATION



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	USER NAME =	DESIGNED - ACK	F	REVISED - <u>//</u> JMH 06/05/2018				
		DRAWN - AEC	F	REVISED -	STATE OF ILLINOIS	INDE	X OF SHEETS, STANDARDS	2
ASTERS	PLOT SCALE =	CHECKED - JMH	F	REVISED -	DEPARTMENT OF TRANSPORTATION			
e great bridges.	PLOT DATE = 03/22/2018	DATE - 03/2	2018 F	REVISED -		SCALE: N.T.S.	SHEET NO. 1 OF 2 SHEETS	

COMMITMENTS

A. ALL BRICK PAVERS REMOVED FROM MISSOURI AVENUE SHALL BE PRESERVED FOR FUTURE USE BY THE CITY OF EAST ST. LOUIS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE PUBLIC WORKS DIRECTOR FOR THE CITY OF EAST ST. LOUIS AT 618-482-6737 AND DELIVERING THE BRICK PAVERS TO A STORAGE LOCATION TO BE DESIGNATED BY THE CITY. ANY COST RELATED TO THIS WORK SHALL BE INCORPORATED INTO THE CONTRACT UNIT COST FOR BRICK PAVEMENT REMOVAL.

⚠ REV. 6-6-2018

		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DARDS	AND COMMITMENTS	799	1BR-1-1	ST. CLAIR	315	3
				CONTRACT	NO. 7	6639
SHEETS	STA. 43+36.85 TO STA. 96+34.23	ILLINOIS FED. AID PROJECT				

				000/ 555554	00% 55555				CONSTR	
				80% FEDERAL 20% STATE	90% FEDERAL 10% STATE	8				
				RESURF	BRIDGE	RETAINING WALL	BRIDGE	BRIDGE	BRIDGE	
CODE	ITEM	UNIT	TOTAL	0005	0010	0044	0047	0047	0047	
NO.			QUANTITY	URBAN	S.N. 082-0374	S.N. 082-W315	S.N. 082-0013	S.N. 082-0014	S.N. 082-0023	5
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1					╞
50500505			40000		40000					╞
50500505	STUD SHEAR CONNECTORS	EACH	12228		12228					╞
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	921080		882060	9450	16240	2680		┢
								m		┝
50800515	BAR SPLICERS	EACH		3	108					
51100100	SLOPE WALL 4 INCH	SQ YD	2031		2031					
51202100	FURNISHING STEEL PILES HP14X117	FOOT	6791		6791					F
01202100			0/31							╞
51202305	DRIVING PILES	FOOT	6791		6791					
51204100	TEST PILE STEEL HP14X117	EACH	2		2					
51204650	PILE SHOES	EACH	54		54					
51500100	NAME PLATES	EACH	2		1	1				
52000110	PREFORMED JOINT STRIP SEAL	FOOT	866.7				378.7	125.0		
52100540	ANCHOR BOLTS, 1 1/2"	EACH	120		120					
32100040										
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	732		732					
52200500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	2313			2313				
										\vdash

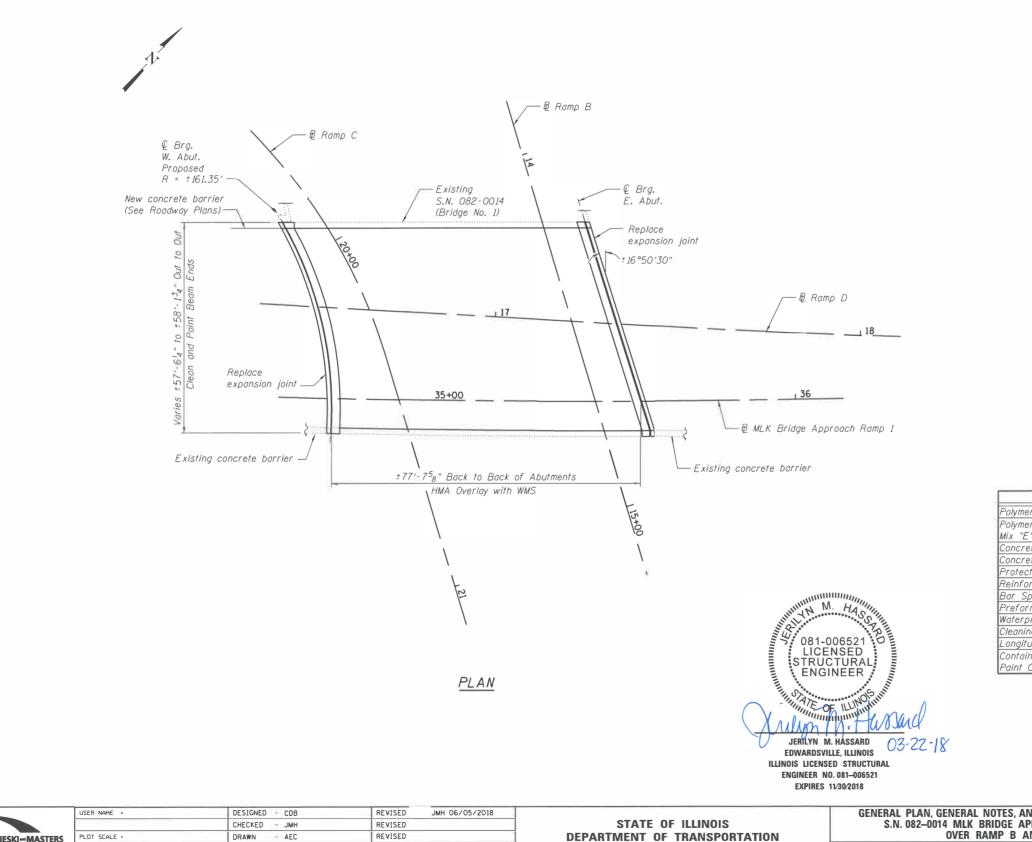


CTION CODE				
80% FEDERAL	90% FEDERAL	90% FEDERAL	90% FEDERAL	80% FEDERAL
20% STATE BRIDGE	10% STATE BRIDGE	10% STATE BRIDGE	10% STATE BRIDGE	20% STATE HWY LIGHTING
0047	0047	0047	0013	0021
S.N. 082-6006	S.N. 082-0287	S.N. 082-0288	S.N. 082-0135	URBAN
6170	1160	1170	2150	
	1100		2100	
251.0	56.0	56.0		
				6-6-2018
		F.A.P.	SECTION	COUNTY TOTAL SHEETS

	RIL.			-	(SUFF 1 2	ί NO.
JANTITIES	799	1BR-1-1		ST. CLAIR	315	9
				CONTRACT	NO. 7	6 639
STA. 43+36.85 TO STA. 96+34.23		ILL INOIS FED.	AID	PROJECT		



No salvaae.





PLOT DATE E 03/22/2018

CHECKED

JMH

REVISED

GENERAL NOTES

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

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 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.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contactor 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.

Existing reinforcement shall be cleaned and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with 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.

Surface preparation at the construction joints shall be performed using high-pressurized water spray, using equipment capable of producing a minimum water pressure of 5000 psi.

Cleaning and painting of the existing structural steel shall be as specified in the special provision for Cleaning and Painting Existing Steel Structures. Areas to be cleaned and painted shall consist of all beam ends, end diaphragms and steel components of the steel bearings at the abutments. Beam end painting shall extend 5 feet from center Ine bearing of beams longitudinally. This surface preparations shall be accomplished according to the requirements of Near-White Metal Blast Cleaning SSPC-SP10. The paint system shall be applied as specified for System I OZ/E/U. The color of the final finish coat shall be Grey, Munsell No. 5B 7/1.

Complete cost of painting the locations described on this sheet shall be considered included with the pay item Cleaning and Painting Steel Bridge No. 1.

Care shall be taken not to damage rubber bearing or joint components during the blasting and cleaning operations. Any damage to these components shall be repaired at the Contractor's expense.

Existing Structure Plans are available for review in the District office. Contact Herve Gelin at (618) 346-3179.

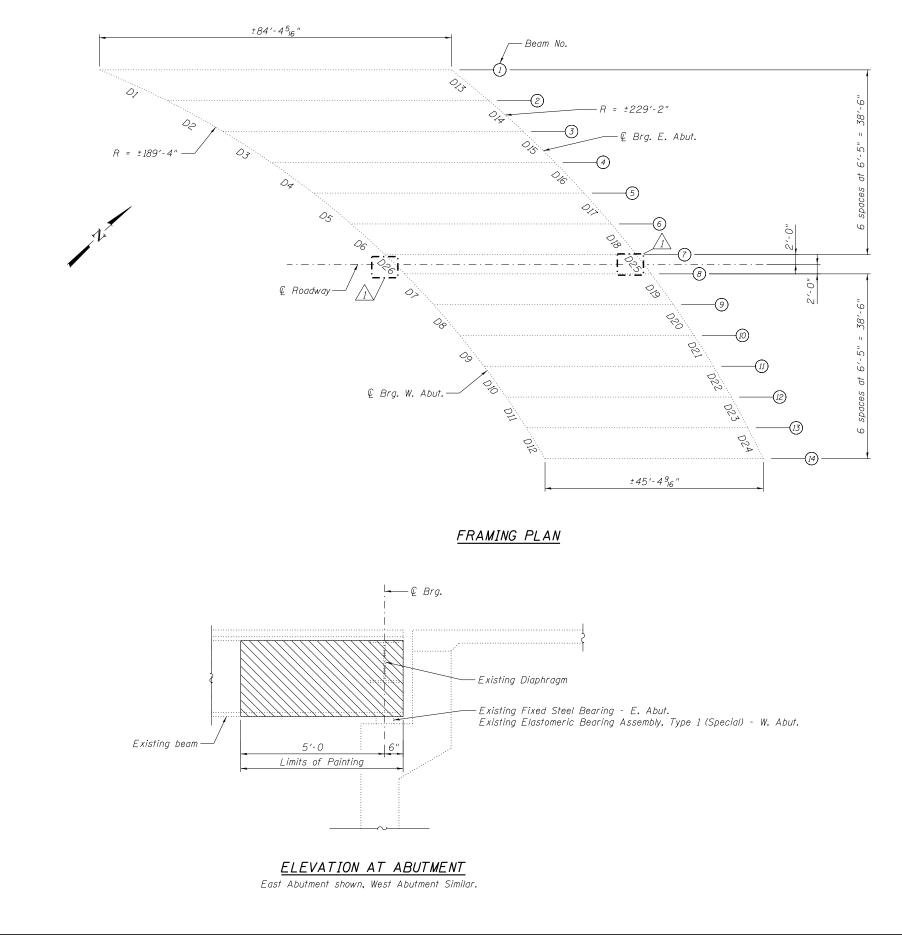
The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.

ITEM	UNIT	SUPER	SUB	TOTAL]
Polymerized Bituminous Materials (Tack Coat)	Pound	103	-	103	1
Polymerized Hot-Mix Asphalt Surface Course, Mix "E", N90	Ton	32	2	32	
Concrete Removal	Cu. Yd.	16.4		16.4	1
Concrete Superstructure	Cu. Yd.	18.6		18.6	1
Protective Coat	Sq. Yd.	72		72	1
Reinforcement Bars, Epoxy Coated	Pound	2.680		2.680	\square
Bar Splicers	Each	28		28 -	11
Preformed Joint Strip Seal	Foot	125.0		125.0	1
Waterproofing Membrane System	Sq. Yd.	459	2	459	1
Cleaning and Painting Steel Bridge No. 1	L. Sum	1		1	
Longitudinal Joint Sealant	Foot	298		298	
Containment and Disposal of Non-Lead Paint Cleaning Residues No. 1	L. Sum	1	E.	1	

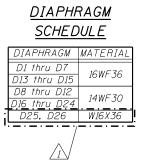
TOTAL BILL OF MATERIAL

⚠ REV. 6-6-2018

ND TOTAL BILL OF MATERIAL	F.A.P. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.	
PPROACH AND RAMP D	799	1BR-1-1	ST. CLAIR	315	247	
ND RAMP C			CONTRACT	NO. 7	6639	
7 SHEETS	ILLINDIN FED. AID PROJECT					



	USER NAME =	DESIGNED - CDB	REVISED JMH 06/05/2018		PAINTING DETAILS	F.A.P. RTE.	SECTION	COUNTY TOTAL SHEETS	SHEET NO.
		CHECKED - JMH	REVISED	STATE OF ILLINOIS	S.N. 082–6006 MLK BRIDGE APPROACH OVER RAMP B	799	1BR-1-1	ST. CLAIR 315	257
MODJESKI and MASTERS Experience great bridges.	PLOT SCALE = PLOT DATE = 03/22/2018	DRAWN - AEC CHECKED - JMH	REVISED	DEPARTMENT OF TRANSPORTATION	SHEET NO. 3 OF 6 SHEETS	_		CONTRACT NO. 7	5G39



<u>BEAM</u> SCHEDULE								
BEAM	MATERIAL							
1	36WF194							
2	36WF194							
3	36WF150							
4	36WF150							
5	36WF150							
6	36WF150							
7	36WF150							
8	36WF150							
9	36WF150							
10	36WF150							
11	36WF150							
12	36WF150							
13	36WF150							
14	36WF150							

<u>BILL OF MATERIAL</u>

ITEM	UNIT	TOTAL
Cleaning and Painting Steel Bridge No. 3	L. Sum	1
Containment and Disposal of Non-Lead Paint Cleaning Residues No. 3	L. Sum	1

⚠ REV. 6-6-2018