\*= SPECIALTY ITEM

	SUMMARY	OF QUANTITIES			RBAN CONSTRUCTIO			ION TYPE	ON TYPE CODE			SUMMARY OF QUANTITIES			
CODE NO		ITEM	UNIT		80% FED 20% STATE 0013							CODE NO		ITEM	UN
40600290	BITUMINOUS MATER	TALS (TACK COAT)	POUND	150	150										
						A.						70300912	PAVEMENT MAR	KING TAPE, TYPE IV 12"	FO
40600982	HOT-MIX ASPHALT BUTT JOINT	SURFACE REMOVAL -	SO YD	<b>3</b> 47	347										
												70300924	PAVEMENT WAR	KING TAPE, TYPE IV 24"	FOC
40603340	HOT-MIX ASPHALT N70	SURFACE COURSE, MIX "D",	TON	70.0	70.0										
												70400100	TEMPORARY CO	DNCRETE BARRIER	FO
42101300	PROTECTIVE COAT		SO YD	10	10										
												70400200	RELOCATE TEM	PORARY CONCRETE BARRIER	F00
50102400	CONCRETE REMOVA	L	CU YD	25	25										
												70600241	IMPACT ATTEN REDIRECTIVE.	NUATORS, TEMPORARY (NON- , NARROW), TEST LEVEL 2	EA
50157300	PROTECTIVE SHIE	LD	SO YD	1135	1135										
												70600341	IMPACT ATTEN REDIRECTIVE,	UATORS, RELOCATE (NON- NARROW), TEST LEVEL 2	EAC
50300255	CONCRETE SUPERS	TRUCTURE	CU YD	25	25										
											*	78000100	THERMOPLASTI	C PAVEMENT MARKING - SYMBOLS	so
50300260	BRIDGE DECK GRO	OVING	SO YD	3478	3478										
											*	78000200	THERMOPLASTI	C PAVEMENT MARKING - LINE 4"	FO
50800205	REINFORCEMENT B	ARS. EPOXY COATED	POUND	4415	4415										
											*	78000400	THERMOPLASTI	C PAVEMENT MARKING - LINE 6"	FOC
50800515	BAR SPLICERS		EACH	60	60										
											*	78000600	THERMOPLASTI	C PAVEMENT MARKING - LINE 12	" FOC
52000110	PREFORMED JOINT	STRIP SEAL	FOOT	240	240										
											*	78000650	THERMOPLASTI	C PAVEMENT MARKING - LINE 24	" FOC
-58700300	CONCRETE SEALER		<u>50 FT</u>	31422	31422										
											*	78009000	MODIFIED URE - LETTERS AN	THANE PAVEMENT MARKING D SYMBOLS	so
67000400	ENGINEER'S FIELD	D OFFICE, TYPE A	CAL MO	6	6										
											*	78009004	MODIFIED URE - LINE 4"	THANE PAVEMENT MARKING	FO
67100100	MOBILIZATION		L SUM	1	1										
											*	78009006	MODIFIED URI - LINE 6"	ETHANE PAVEMENT MARKING	FO
70107025	CHANGEABLE MESS	AGE SIGN	CAL DA	45	45										
				<u> </u>							*	78009012	MODIFIED URE - LINE 12"	THANE PAVEMENT MARKING	FO
70300904	PAVEMENT MARKING	G TAPE, TYPE IV 4"	FOOT	12160	12160										
FILE NAME :	USEF	R NAME = hassann	DESIGNED -		REVISED					TATE OF				US-14 /IL-173	(DIVISION
pmanweldone dibini E63	PL01	T SCALE = 100.0000 ' / in.	CHECKED -		REVISED	-		г	о Dedartm	ENT OF	TR	ANSPORTA	TION	SUMMA	RY OF QL
	PLOT	T DATE = 12/14/2018	DATE -		REVISED	-		L			1 11/			SCALE: SHEET NO. 1 OF 2	SHEETS

				C0	NSTRUCTIO	N TYPE (	ODE	
IIT	URBAN TOTAL QUANTITIES	80% FED 20% STATE 0013						
от	125	125						
от	16	16						
OT	812	812						
T	812	812						
СН	2	2						
)н	2	2						_
								_
FT	125	125						
от	1844	1844						
)T	853	853						
)T	125	125						
T	24	24						
FT	21.4	21. 4						
от	2856	2856						
от	60	£0						
	00							
OT	275	275						
ST)	AT UPRR		F. R	A.P.	SECTI	л	COUNTY	TOTAL SHEET SHEETS NO.
JANTI	TIES		3	03	29VB-BF	R(17)	MCHENRY	42 3
STA.	T	O STA.	F	ED. ROA	ND DIST. NO. 1 IL	LINOIS FED. AID		NU. 62135
		Δ				110/10		/10

REV. 2/25/19 REV. 1/18/19 REV 1/15/19

	SUMMARY OF QUANTITIES				C	ONSTRUCTI	ON TYPE	CODE	1	SUMMARY OF QUANTITIES						CONS	TRUCTIO	Ν ΤΥΡΕ Ο	ODE	
CODE NO	ITEM	UNIT	TOTAL	80% FED 20% STATE 0013						CODE NO		ITEM	UNIT	TOTAL						
×0322215	CLEANING BRIDGE SCUPPERS AND DOWNSPOUTS	EACH	4	4																
X0326766	CLEAN & RESEAL RELIEF JOINT	FOOT	120	120																
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	2625	2625																
X5870015	BRIDGE DECK CONCRETE SEALER	SQ FT	31422	31422																
x7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1																
x7810400	TEMPORARY RAISED PAVEMENT MARKER	EACH	160	160																
					$\Lambda$															
Z0006014	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/2 INCHES	SO YD	3181	3181																
			£		\$															
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SO YD	3181	3181	}															
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SO FT	959	959																
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SO FT	56	56																
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SO YD	2	2																
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	51.4	51.4																_
Z0040330	PIN AND LINK PLATE REPLACEMENT	ЕАСН	8	8																
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1																
Z0073200	TEMPORARY SHORING AND CRIBBING	EACH	18	18																
FILE NAME = pw:///LO84EBIDINTEG	USER NAME = hassann DE Jillinols.govrPHIDDT\Dacuments\DDDT Off tices\District NProjects\D1285/T\CADData\Design\D12857	SIGNED -		REVISED REVISED	-			, S	TATE OF	ILLINOIS		US-14 /IL-17	3 (DIVISION S	.) AT UPRR	•	F.A.P. RTE. 303	SECTIC 29VB-BR	)N (17)		OTAL SHEET HEETS NO. 42 4
	PLOT SCALE = 100.0000 ' / in. CH PLOT DATE = 12/14/2018 DA	IECKED -		REVISED REVISED	•			DEPARTM	ENT OF	TRANSPORTA	<b>FION</b>	SUMM SCALE: SHEET NO. 1 OF	2 SHEETS ST	111ES A T	O STA.	FED, ROAD D	DIST. NO. 1 IL	INOIS FED. AID	CONTRACT	NO. 62F35
* = N																V. 2/25/19	REV. 1/	18/19 F	EV 1/15/1	.9

## GENERAL NOTES

- 1. Reinforcement bars designated (E) shall be epoxy coated.
- 2. Prior to pouring the new concrete, 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.
- 3. If the Contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations.
- 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. Protective Coat shall be applied to the designated areas of the sidewalk and parapets.
- 6. The Contractor shall sawcut the upper portion of the existing abutment at the stage removal line before Stage I removal to ensure the remaining portion will not be prematurely damaged.
- 7. Existing reinforcement bars are to 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 shall be included with Concrete Removal.
- 8. Removal and disposal of the existing expansion joints will not be paid separately, but shall be included with the cost of Concrete Removal.
- 9. Repair areas are estimated. The Engineer shall determine actual repair locations and record them on the As-built plans.
- 10. 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.

AME =	AES Services, Inc. 111 S. Wacker Drive, Suite 3910	USER NAME =	DESIGNED – AWM CHECKED – MS	REVISED REVISED	STATE OF ILLINOIS	GENERAL NOTES, INDEX OF SHEETS A
Ξų.	Chicago, IL 60606 Ph: 312-23 -6783	PLOT SCALE =	DRAWN - JS, AWM	REVISED -	DEPARTMENT OF TRANSPORTATION	SINUCIUNE NU.
립		PLOT DATE =	DATE - 12/07/2018	REVISED		SHEET NO. S-2 OF S

ITEM Protective Coat Concrete Removal Protective Shield Concrete Superstructur Bridge Deck Grooving Reinforcement Bars, E Bar Splicers Preformed Joint Strip Bridge Deck Concrete Cleaning Bridge Scuppe Clean and Reseal Relie Bridge Deck Latex Cor Bridge Deck Scarificat Structural Repair of C Structural Repair of C Deck Slab Repair (Full Temporary Shoring and Pin and Link Plate Rep

# TOTAL BILL OF MATERIAL

	UNIT	QUANTITY
	Sq. Yd.	10
	Cu. Yd.	25
	Sq. Yd.	1135
re	Cu. Yd.	25
	Sq. Yd.	3478
poxy Coated	Pound	4415
	Each	60
Seal	Foot	240
Sealer	Sq. Ft.	31,422
ers and Downspouts	Each	4
f Joint	Foot	120 1
ncrete Overlay 2½"	Sq. Yd.	3181 11
ion <sup>3</sup> 4"	Sq. Yd	3181
oncrete (Depth Equal to or less than 5 inches	Sq. Ft.	959
oncrete (Depth Greater than 5 inches)	Sq. Ft.	56
Depth, Type II)	Sq. Yd.	2
1 Cribbing	Each	18
placement	Each	8
		·

ND TOTAL BILL OF MATERIALS	F.A.P RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
056_0007	303	29VB-R(83)		MCHENRY	42	6
				CONTRACT	NO. 6	52F 35
5-27 SHEETS		ILL INOIS FED	D. AID	PROJECT		



EXISTING APPROACH SLAB





PROPOSED APPROACH SLAB

Dimensions along € of US 14

- L									
<u>.</u> [	USER NAME =	USER NAME =	DESIGNED -	AWM	REVISED - /1 02/21/2019 AWM				
Ψ	AFC AES Services, Inc. 111 S. Wacker Drive, Suite 3910		CHECKED -	MS	REVISED -	STATE OF ILLINOIS	AFFRUAGE SLAD TRANSITION		
۳,	Chicago, IL 60606 Ph: 312-23 -6783	PLOT SCALE =	DRAWN -	JS, AWM	REVISED -	DEPARTMENT OF TRANSPORTATION	STRUCTURE NU.		
Ē		PLOT DATE =	DATE -	12/07/2018	REVISED -		SHEET NO. S-9 OF S-2		

	1			
	I			
ON (NORTH & SOUTH) ).: 056–0007	F.A.P RTE. 303 2	SECTION 29VB-R(83)	COUNTY TO SHE MCHENRY CONTRACT N	TAL SHEET   EETS NO.   42 13   0. 62F 35
S-ZI SHEETS	I	ILLINOIS FED. AID	$\frac{1}{1} \text{REV. 2}$	2/25/19



PLOT DATE =

DATE

- 12/07/2018

REVISED

SHEET NO. S-10 OF S

	c(E)	6	#5	2'-5"	
	c1(E)	6	#5	6′-0″	
	d1E)	6	#6	5′-8″	L
	d2(E)	3	#4	6′-11″	
	d3(E)	3	#4	7′-6″	
	Protective	Coat		Sq. Yd.	3
	Concrete i	Removal		Cu. Yd.	7.2
	Protective	Shield		Sq. Yd.	19
	Concrete :	Superstructu	ure	Cu. Yd.	7.2
- <b>v</b> _	Reinf, Bar	rs, Ероху С	oated	Pound	1060
o l	Bar Splice	ers		Each	14
Bridge Deck					
1/2"		4'-9"		4'-9"	
/ 4		=		=	

R (NORTH ABUTMENT)	F.A.P RTE. SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
056-0007	303	29VB-R(83)	MCHENRY	42	14		
	CONTRACT NO. 62						
-27 SHEETS	ILLINOIS FED. AID PROJECT						



Bar	No.	Size	Length	Shape
a2(E)	14	#5	27'-9"	
a3(E)	14	#5	27'-2"	
c(E)	10	#5	2'-5"	
c2(E)	10	#5	5′-2″	
d1E)	10	#6	5′-8″	
d2(E)	5	#4	6′-11″	
d3(E)	5	#4	7′-6″	
Protective	Coat		Sq. Yd.	3
Concrete I	Removal		Cu. Yd.	6.4
Protective	Shield	Sq. Yd.	19	
Concrete S	Superstructu	Cu. Yd.	6.4	
Reinf, Bar	s, Ероху С	Pound	1014	
Bar Splice	rs		Each	14

CONTRACT NO. 62F35 ILLINOIS FED. AID PROJECT