

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0021	0005	0005
				SAFETY	ROADWAY	ROADWAY
				KNOX COUNTY 90 % FEDERAL 10 % STATE	KNOX COUNTY 80 % FEDERAL 20 % STATE	KNOX COUNTY 100 % STATE
20200500	EARTH EXCAVATION (WIDENING)	CU YD	4573	3292	1281	
25000750	MOWING	ACRE	65			65
28000305	TEMPORARY DITCH CHECKS	FOOT	190		190	
28000400	PERIMETER EROSION BARRIER	FOOT	1563		1563	
28000500	INLET AND PIPE PROTECTION	EACH	7		7	
28100225	STONE RIPRAP, CLASS B3	TON	890		890	
28100227	STONE RIPRAP, CLASS B4	TON	222		222	
35501308	HOT - MIX ASPHALT BASE COURSE, 6"	SQ YD	233		233	
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	179,967	30115	149,852	
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	5738		5738	
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2816		2816	
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	293		293	
40600990	TEMPORARY RAMP	SQ YD	613		613	
40603535	POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	10322		10322	

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□ NON-PARTICIPATING

FILE NAME : cover sheet_line_dte.dgn

USER NAME : jebobidm
 PLOT SCALE : 1/8" = 1'-0"
 PLOT DATE : 12/8/2016

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	14RS-4,(15,16)RS-3	KNOX	44	4
			CONTRACT NO. 68465	
ILLINOIS FED. AID PROJECT				

REV 12-24-17

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0021	0005	0005
				SAFETY	ROADWAY	ROADWAY
				KNOX COUNTY 90 % FEDERAL 10 % STATE	KNOX COUNTY 80 % FEDERAL 20 % STATE	KNOX COUNTY 100 % STATE
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	43	43		
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	260		260	
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	120204		120204	
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1637		1637	
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	755		755	
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	12		12	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	579		579	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	76	76		
	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	250		250	
* LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	3	3		
	X0300003 TRACKLESS TACK	POUND	130720		130720	
	X0322584 REVETMENT MAT REMOVAL	SQ YD	218		218	
	X0326663 CURED-IN-PLACE PIPE LINER, 30"	FOOT	295		295	
	X0326665 CURED-IN-PLACE PIPE LINER, 42"	FOOT	63		63	

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* SPECIALTY ITEMS

FILE NAME : cover sheet_line dis.dgn	USER NAME : lababidiam	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 480.0000' / 1" =	DRAWN -	REVISED -			574	14RS-4,(15,16)RS-3	KNOX	44	7	
	PLOT DATE = 12/8/2016	CHECKED -	REVISED -			CONTRACT NO. 68465					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

RESURFACING - MAINLINE

LOCATION		LENGTH	WIDTH	AREA	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)*	BIT MATERIALS TACK COAT SPECIAL ** (LJSM)	INCIDENTAL HOT-MIX ASPHALT SURFACING	HMA BASE COURSE 6"	POLY LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1"	POLY HMA SURFACE COURSE, MIX D, N50 1 1/2"	MATERIAL TRANSFER DEVICE
STA.	TO	STA.	FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	LB	TON	SQ YD	TON	TON	TON
STA. 33+00	TO	STA. 33+20	20	35	77.78					175.00			4.36	6.53	10.89
STA. 33+20	TO	STA. 36+15	295	35	1,147.22		1,147.22			2,581.25			64.24	96.37	160.61
STA. 36+15	TO	STA. 62+35	2,620	24	6,986.67		6,986.67			15,720.00			391.25	586.88	978.13
STA. 62+35	TO	STA. 68+00	565	24	1,506.67			1,506.67					84.37	126.56	210.93
STA. 68+00	TO	STA. 70+40	240	24	640.00		640.00			691.20			35.84	53.76	89.60
STA. 70+40	TO	STA. 74+60	420	24-36	1,400.00		1,400.00			1,512.00			78.40	117.60	196.00
STA. 74+60	TO	STA. 79+10	450	36	1,800.00		1,800.00			1,944.00			100.80	151.20	252.00
STA. 79+10	TO	STA. 80+00	90	36	360.00		360.00			388.80			20.16	30.24	50.40
STA. 80+00	TO	STA. 80+40	40	50	222.22		222.22			240.00			12.44	18.67	31.11
STA. 80+40	TO	STA. 82+10	170	48	906.67		906.67			979.20			50.77	76.16	126.93
STA. 82+10	TO	STA. 83+70	160	48-36	746.67		746.67			806.40			41.81	62.72	104.53
STA. 83+70	TO	STA. 87+90	420	36-24	1,400.00		1,400.00			1,512.00			78.40	117.60	196.00
STA. 87+90	TO	STA. 89+00	110	24	293.33		293.33			316.80			16.43	24.64	41.07
STA. 89+00	TO	STA. 128+90	3,990	24	10,640.00	10,640.00				11,491.20			595.84	893.76	1489.60
STA. 128+90	TO	STA. 129+00	10	24	26.67					19.20			1.49	2.24	3.73
STA. 129+00	TO	STA. 148+40	1,940	24	5,173.33					3,724.80				434.56	434.56
STA. 148+40	TO	STA. 158+13	973	24	2,594.67		2,594.67			1,868.16				217.95	217.95
STA. 158+13	TO	STA. 158+43	30	24	80.00					57.60				6.72	6.72
STA. 158+43	TO	STA. 160+00	157	BRIDGE OMMISION (SN 048-0087)											
STA. 160+00	TO	STA. 160+30	30	24	80.00					57.60				6.72	6.72
STA. 160+30	TO	STA. 170+40	1,010	24	2,693.33		2,693.33			1,939.20				226.24	226.24
STA. 170+40	TO	STA. 198+00	2,760	24	7,360.00					5,299.20				618.24	618.24
STA. 198+00	TO	STA. 198+10	10	24	26.67					19.20			1.49	2.24	3.73
STA. 198+10	TO	STA. 443+40	24,530	24	65,413.33	65,413.33				70,646.40			3663.15	5494.72	9157.87
STA. 443+40	TO	STA. 444+20	80	24-28.7	234.22	234.22				252.96			13.12	19.67	32.79
STA. 444+20	TO	STA. 446+30	210	28.7-37	766.50	766.50				827.82			42.92	64.39	107.31
STA. 446+30	TO	STA. 447+65	135	37-31.5	513.75	513.75				554.85			28.77	43.16	71.93
STA. 447+65	TO	STA. 449+00	135	31.5-36	506.25	506.25				546.75			28.35	42.53	70.88
STA. 449+00	TO	STA. 454+10	510	36	2,040.00	2,040.00				2,203.20			114.24	171.36	285.60
STA. 454+10	TO	STA. 458+90	480	36-28.7	1,725.33	1,725.33				1,863.36			96.62	144.93	241.55
STA. 458+90	TO	STA. 459+90	100	28.7-24	292.78	292.78				316.20			16.40	24.59	40.99
STA. 459+90	TO	STA. 470+05	1,015	24	2,706.67	2,706.67				2,923.20			151.57	227.36	378.93
STA. 470+05	TO	STA. 470+40	35	24	93.33					100.80			5.23	7.84	13.07

POLYMERIZED
BITUMINOUS
MATERIALS
(TACK COAT)*

SAFETY LT & RT LB	ROADWAY LT & RT LB
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*The partial removal of the existing HMA shoulder shall be paid for as "EARTH EXCAVATION (WIDENING)"

RESURFACING - MAINLINE

LOCATION	LENGTH	WIDTH	AREA	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) *		BIT MATERIALS TACK COAT SPECIAL ** (LJSM)	INCIDENTAL HOT-MIX ASPHALT SURFACING	HMA BASE COURSE 6"	POLY LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1"	POLY HMA SURFACE COURSE, MIX D, N50 1 1/2"	MATERIAL TRANSFER DEVICE	
								SAFETY LT & RT	ROADWAY LT & RT							
STA.	TO	STA.	FT	FT	SQ. YD	SQ. YD	SQ. YD	SQ. YD	SQ. YD	LB	TON	SQ. YD	TON	TON	TON	
SIDEROADS																
SWING BLVD.			30	60-90	250											
LACON DRIVE			30	50-90	233											
T.R. 1400 N. (CO. HWY 10) EAST			35	90-200	529											
T.R. 1400 N. (CO. HWY 10) WEST			30	25-80	175											
T.R. 1300 N. - EAST			30	35-95	208											
T.R. 1300 N. - WEST			35	20-85	204											
STORAGE FACILITIES ENTRANCE (WEST)			30	30-90	200											
RAILROAD ENTRANCE (EAST)			30	40-110	250											
T.R. 1050 N. - EAST			30	20-75	158											
T.R. 1050 N. - WEST			30	25-75	167											
T.R. 1000 N. - WEST			5	20-25	13											
T.R. 925 N. - EAST			5	20-40	17											
T.R. 925 N. - WEST			5	20-45	18											
T.R. 850 N. - EAST			5	20-40	17											
T.R. 850 N. - WEST			5	20-55	21											
T.R. 800 N. - EAST			5	20-60	22											
T.R. 750 N. - WEST			5	20-60	22											
T.R. 730 (CHERRY GROVE CEMETERY RD)			5	20-55	21											
N FEARING AVE			30	25-75	167											
T.R. 700 N. (CO. HWY 5) EAST			40	25-80	233.33											
10 ENTRANCES																
23 MAILBOXS																
PAVE WIDE MILL WIDE QUANTITIES									2421.28	1,743.32				203.39	203.39	
QUANTITIES FROM RESURFACING SHOULDER TABLE							6,224	503								
ADDITIONAL 5% FOR FIELD EXPERIMENTATION										6,224.74						
TOTAL			44,160			84,839	27,415	2,010	2,421	130,720	18,476	325	233	5,738	10,322	16,060

POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) *

SAFETY	ROADWAY
LT & RT	LT & RT
LB	LB

*The partial removal of the existing HMA shoulder shall be paid for as "EARTH EXCAVATION (WIDENING)"

**** PRIME COAT RATE USED**

Type of Surface to be Primed	Residual Asphalt Rate lb/sq ft
Milled HMA, Aged Non-Milled HMA, Milled Concrete, Non-Milled Concrete & Tined Concrete	0.125
Fog Coat between HMA Lifts, IL-4.75 & Brick	0.125

M 2-24-17

RESURFACING - SHOULDER

LOCATION	LENGTH		EX. HMA. SHLDR. WIDTH		EARTH EXCAVATION (WIDENING)*		HMA SURFACE REMOVAL 1.5"	HMA SURFACE REMOVAL 2.5"	HMA SHLDR		POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)*		AGGREGATE SHOULDER TYPE B	SHOULDER RUMBLE STRIPS 8"		
					SAFETY	ROADWAY			SAFETY	ROADWAY	SAFETY	ROADWAY				
					LT	RT			LT & RT	LT & RT	LT & RT	LT & RT			LT & RT	LT & RT
STA.	TO	STA.	FT	FT	CU YD	CU YD	SQ YD	SQ YD	TON	TON	LB	LB	TON	FT		
3' EX. HMA SHLDR.*	STA. 33+00	TO	STA. 36+15	315	3	0	14.58	70.00			39.20		163.80	11.96	315	
	STA. 36+15	TO	STA. 62+35	2,620	3	3	242.59	1,164.44			749.90		2,724.80	99.46	5,240	
	STA. 62+35	TO	STA. 62+88	53	3-8	3-8					64.8		9.07	46.64	2.01	
	STA. 62+88	TO	STA. 63+65	77		8					68.4		9.58	49.28	0.00	77
		TO	STA. 63+97	109		8-3					66.6		9.33	47.96	0.00	109
	STA. 63+65	TO	STA. 64+50	85		8-3				51.9		7.27	37.40	0.00	85	
	STA. 66+15	TO	STA. 67+46	131		3-8				80.1		11.21	57.64	0.00	131	
	STA. 65+74	TO		172		3-8				105.1		14.72	75.68	0.00	172	
STA. 67+46	TO	STA. 68+00	54		8-3	8-3			66.0		9.24	47.52	2.05	108		
NO EX. HMA SHLDR	STA. 68+00	TO	STA. 89+00	2,100	3	3	194.44	933.33			601.07		2,184.00	79.72	4,200	
4'-10' EX. HMA SHLDR	NO EX. HMA SHLDR	STA. 89+00	TO	STA. 129+00	4,000	0	0	419.75	104.94		1,194.67	298.67	3840	960	151.85	8,000
	STA. 129+00	TO	STA. 148+30	1,930		4						72.05		617.60	36.63	1,930
		TO	STA. 150+33	2,133		4						79.63		682.56	40.49	2,133
	STA. 148+30	TO	STA. 149+00	70		4-10					4.57		39.20	2.66	70	
	STA. 150+33	TO	STA. 150+88	55		4-10					3.59		30.80	2.09	55	
	STA. 149+00	TO	STA. 158+43	943		10			1,047.78		88.01		754.40	0.00	943	
	STA. 150+88	TO		755		10			838.89		70.47		604.00	0.00	755	
	BRIDGE OMMISION (SN 048-0087)				157											
	STA. 160+00	TO	STA. 169+20	920		10			1,022.22			85.87		736.00	0.00	920
		TO	STA. 170+10	1,010		10			1,122.22			94.27		808.00	0.00	1,010
	STA. 169+20	TO	STA. 169+80	60		10-4					3.92		33.60	2.28	60	
STA. 170+10	TO	STA. 170+40	30		10-4					1.96		16.80	1.14	30		
STA. 169+80	TO	STA. 198+00	2,820		4					105.28		902.40	107.06	2,820		
STA. 170+40	TO		2,760		4					103.04		883.20	104.78	2,760		
NO EX. HMA SHLDR	STA. 198+00	TO	STA. 470+40	27,240	0	0	2,858.52	714.63		8,135.68	2,033.92	26150.4	6537.6	1034.11	54,480	
	STA. 470+40	TO	STA. 471+70	130	0	0	13.64	3.41		38.83	9.71	124.8	31.2	4.94	260	
	STA. 471+70	TO	STA. 472+85	115	0	3	6.39	25.56		15.03		59.80	2.18	115		
SUB-TOTAL							3,292	1,281	6,224	503	9,369	4,531	30,115	19,132	1,685	86,884
TOTAL							4,573	6,224	503	13,900			1,685	86,884		

* The partial removal of the existing HMA shoulder shall be paid for as "EARTH EXCAVATION (WIDENING)"

49,247
 +130,720 (From page 17)
 179,967 Total

2-24-17