

# SUMMARY OF QUANTITIES

LOCATION OF WORK				FAP 824 (US 45)	FAS 1671 (U. S. 45)
				DOUGLAS COUNTY	DOUGLAS COUNTY
				STA. 618+44.00	STA. 747+74.00
				STA. 723+54.00	STA. 1124+00.00
				RURAL 2-LANE	RURAL 2-LANE
FUNDING BREAKOUT				80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE
CONSTRUCTION TYPE CODE				0005	0005
CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
35800100	PREPARATION OF BASE	SQ YD	48.0	0.0	48.0
35800200	AGGREGATE BASE REPAIR	TON	1.0	1.0	0.0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	85465.0	18918.0	66547.0
40600829	POLYMERIZED LEVEL BINDER (MACHINE METHOD), IL-9.5FG, N50	TON	5195.0	1178.0	4017.0
40600990	TEMPORARY RAMP	SQ YD	1022.0	300.0	722.0
40603510	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	11098.0	2355.0	8743.0
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	669.0	332.0	337.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	131.0	68.0	63.0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	9515.0	0.0	9515.0
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	123650.0	28027.0	95623.0
44200050	WELDED WIRE REINFORCMENT	SQ YD	526.0	225.0	301.0
44201031	CLASS B PATCHES, TYPE II, 15 INCH	SQ YD	675.0	304.0	371.0
44201035	CLASS B PATCHES, TYPE III, 15 INCH	SQ YD	198.0	70.0	128.0
44201037	CLASS B PATCHES, TYPE IV 15 INCH	SQ YD	328.0	155.0	173.0

\* SPECIALTY ITEM

• FAP 824 & FAS 1671

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b>	<b>SUMMARY OF QUANTITIES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pc:\IL084EBID\INTEG.1\hnois.gov\PWIDOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0579786-sht-500.dgn		DRN	REVISED	<b>DEPARTMENT OF TRANSPORTATION</b>		•	(20 RS-4K21XRS-2,21 RS-5	DOUGLAS	107	4
PLOT SCALE = 40.0000' / in.	CHECKED -	REVIS	REVIS		SCALE:					
PLOT DATE = 3/22/2018	DATE -	REVIS	REVIS		SHEET 1 OF 4 SHEETS	STA.				TO STA.
										ILLINOIS FED. AID PROJECT

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				RURAL 2-LANE	RURAL 2-LANE
FUNDING BREAKOUT				80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE
CONSTRUCTION TYPE CODE				0005	0005
CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
* 78200005	GUARDRAIL REFLECTOR TYPE A	EACH	12.0	0.0	12.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	680.0	132.0	548.0
X4060010	BITUMINOUS MATERIALS (FULL LANE SEALANT)	POUND	16632.0	0.0	16632.0
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL	SQ YD	1485.0	738.0	747.0
* X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	188.0	0.0	188.0
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	7158.0	0.0	7158.0
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	108.0	0.0	108.0
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	209.0	0.0	209.0
* XZ193400	SURVEY MARKER TYPE 2 (SPECIAL)	EACH	26.0	3.0	23.0
Z0013788	CONSTRUCTION LAYOUT	L SUM	1.0	0.2	0.8

a \* SPECIALTY ITEM

\* FAP 824 & FAS 1671

FILE NAME *	USER NAME * BakerCR	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\ILL084EBID\INTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 5\Projects\0570\DRAWING>Data\Design\0570786-ahs-S00.dgn		CHECKED -	REVISED -			•	(20 RS-4)(21)RS-2,21 RS-5	DOUGLAS	107	7
*MODELNAME*	PLOT SCALE = 48,0000 ' / in.	DATE -	REVISED -		SCALE:					
	PLOT DATE = 3/22/2018				SHEET 4 OF 4 SHEETS	STA.				TO STA.
ILLINOIS FED. AID PROJECT CONTRACT NO. 70786										

# SCHEDULE OF QUANTITIES

MAINLINE HOT-MIX ASPHALT SURFACE SCHEDULE																		
STA.	TO	STA.	STATION EQUATION	LENGTH	WIDTH	LB MM DEPTH	HMA SURF DEPTH	40600829 POLY. LB MM IL-9.5 FG N50 (TON)	44000155 HMA SURF REM 1 1/2 (SQ YD)	44000158 HMA SURF REM 2 1/4 (SQ. YD)	40603510 POLY. HMA SC "MIX C" N50 (TON)	40600290 BIT MATLS TACK COAT .05(LB/SQ FT)	40600290 BIT MATLS TACK COAT .025(LB/SQ FT)					
LOCATION FAP 824																		
618+44.00		723+54.00		10510.0	24.0	0.75	1.5	1177.1	0.0	28026.7	2354.2	12612.0	6306.0					
								SUB-TOTAL =	1177.1	0.0	28026.7	2354.2	12612.0	6306.0				
								USE =	1178.0	0.0	28027.0	2355.0	18918.0					
LOCATION FAS 1671																		
747+74.00		840+11.90		9237.9	24.0	0.75	1.5	1034.6	0.00	24634.40	2069.3	11085.48	5542.74					
841+11.90 (BK) = 508+63.00 (AH)				8861.0	24.0	0.75	1.5	992.4	0.00	23629.33	1984.9	10633.20	5316.60					
508+63.00		597+24.00		355.0	29.0	0.00	1.5	0.0	1143.89	0.00	96.1	514.75	0.00					
597+24.00		600+79.00		239.0	51.0	0.00	1.5	0.0	1354.33	0.00	113.8	609.45	0.00					
INCLUDING RIGHT TURN LANE				226.0	57.0	0.00	1.5	0.0	1431.33	0.00	120.2	644.10	0.00					
600+79.00		603+18.00		366.0	45.0	0.00	1.5	0.0	1830.00	0.00	153.7	823.50	0.00					
603+18.00		605+44.00		423.0	45.0	0.00	1.5	0.0	2115.00	0.00	177.7	951.75	0.00					
605+44.00		609+10.00		179.0	29.0	0.00	1.5	0.0	576.78	0.00	48.4	259.55	0.00					
609+10.00		613+33.00		15091.3	24.0	0.75	1.5	1690.2	0.00	40243.49	3380.5	18109.57	9054.79					
766+03.31 (BK) = 1097+31.90 (AH)				2668.1	24.0	0.75	1.5	298.8	0.00	7114.93	597.7	3201.72	1600.86					
1097+31.90		1124+00.00										SUB-TOTAL =	4016.1	8451.3	95622.2	8742.2	46833.1	21515.0
								USE =	4017.0	8452.0	95623.0	8743.0	66547.0					
								TOTAL =	5195.0	8452.0	123650.0	11098.0	85465.0					

66547.0  
85465.0

40600290 BITUMINOUS MATERIALS (TACK COAT) 44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2" 48203100 HOT-MIX ASPHALT SHOULDERS											
FAS 1671		STA	TO	STA	LENGTH	WIDTH	DEPTH	40600290 BIT, MAT. TACK COAT 0.05 LB FT (POUND)	44000155 HMA SUR REMOVAL, 1-1/2" (SQ YD)	48203100 HMA ASPHALT SHLD (TON)	
	RT	597+30.00		605+44.00	814.0	3.0	1.5	45.2	271.3	22.8	
	RT	607+32.00		615+12.00	780.0	3.0	1.5	43.3	260.0	21.8	
	LT	597+30.00		605+05.00	775.0	3.0	1.5	43.1	258.3	21.7	
	LT	606+92.00		615+12.00	820.0	3.0	1.5	45.6	273.3	23.0	
								TOTAL =	177.2	1063.0	133.9
								USE =	178.0	1063.0	134.0

\* FAP 824 & FAS 1671