

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	81
STA. 420+00.00 TO STA. 454+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

* BROWN & SCHUYLER CONTRACT NO. 72432
** 9RS-4, (10,11) RS-3; (10B-1) R
SHEET 9 OF 123

BITUMINOUS MATERIALS (PRIME COAT)					40800200		40800300	
LOCATION STATION TO STATION	AREA SQ YD	CONV GAL/SQ YD	CONV TON/GAL	QUANTITY TON	CONV LB/SQ YD	QUANTITY TON		
STA. 419+60.00 TO STA. 427+57.51	1485.73	0.10	0.004	0.59	4.00	2.97		
STA. 446+19.35 TO STA. 454+00.00	1444.15	0.10	0.004	0.58	4.00	2.89		
STA. 420+00.00 TO STA. 434+04.07	2401.00	0.05	0.004	0.48	4.00	4.80		
STA. 439+33.25 TO STA. 454+00.00	2532.00	0.05	0.004	0.51	4.00	5.06		
STA. 424+01.47 TO STA. 424+01.47	150.00	0.05	0.004	0.03	4.00	0.30		
STA. 453+47.10 TO STA. 453+47.10	185.00	0.05	0.004	0.04	4.00	0.37		
TOTAL					2.2	16.4		

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH			40800990
LOCATION STATION TO STATION	WIDTH FT	DEPTH INCH	QUANTITY SQ YD
STA. 420+00.00 TO STA. 423+00.00	22		733
STA. 452+50.00 TO STA. 454+00.00	22		367
TOTAL			1100

AGGREGATE SHOULDERS, TYPE B 6" 48101500				40800990
LOCATION STATION TO STATION	LT/RT	WIDTH FT	DEPTH INCH	QUANTITY SQ YD
STA. 420+00.00 TO STA. 423+91.59	LT			146
STA. 420+00.00 TO STA. 427+45.38	RT			249
STA. 424+11.71 TO STA. 434+31.97	LT			363
STA. 427+77.23 TO STA. 428+59.31	RT			27
STA. 428+94.50 TO STA. 434+13.18	RT			179
STA. 439+05.37 TO STA. 451+57.16	RT			423
STA. 439+24.13 TO STA. 453+41.50	LT			491
STA. 452+10.84 TO STA. 454+00.00	RT			62
STA. 453+60.70 TO STA. 454+00.00	LT			27
TOTAL				1967

TEMPORARY RAMP			40800990
LOCATION STATION TO STATION	WIDTH FT	DEPTH INCH	QUANTITY SQ YD
STA. 419+60.00 TO STA. 420+40.00			213
STA. 453+60.00 TO STA. 454+40.00			213
TOTAL			426

HOT MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 1/2"				40701951
DESCRIPTION	LOCATION	STATION TO STATION	LENGTH	HMA PAVEMENT (FULL DEPTH) 13 1/2" SQ YD
US 24				
BEGINNING TO BRIDGE APPROACH PAVEMENT		STA. 420+00.00 TO STA. 434+04.07	1404.07 FT	2401
END OF BRIDGE APPROACH PAVEMENT TO END		STA. 439+33.25 TO STA. 454+00.00	1466.75 FT	2532
MAIN STREET INTERSECTION		STA. 424+01.47 TO STA. 424+01.47	0.00 FT	150
TWP ROAD 1480		STA. 453+47.10 TO STA. 453+47.10	0.00 FT	185
TOTAL				5268

PROTECTIVE COAT			42001300
LOCATION STATION TO STATION	WIDTH FT	DEPTH INCH	QUANTITY SQ YD
STA. 434+04.07 TO STA. 434+34.07			120
STA. 439+03.25 TO STA. 439+33.25			120
STA. 451+77.40 TO STA. 451+77.40			98
TOTAL			338

GUARDRAIL REMOVAL			63200310
LOCATION STATION TO STATION	LT/RT	LENGTH FT	QUANTITY
STA. 419+10.00 TO STA. 421+10.50	LT		201
STA. 419+57.85 TO STA. 421+58.61	RT		201
STA. 432+78.04 TO STA. 433+54.95	RT		77
STA. 432+96.21 TO STA. 433+72.83	LT		77
STA. 438+43.29 TO STA. 439+20.24	RT		77
STA. 438+60.85 TO STA. 439+37.79	LT		77
TOTAL			710

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT			63100000
LOCATION STATION TO STATION	LT/RT	QUANTITY EACH	
STA. 431+90.31 TO STA. 432+40.31	LT		1
STA. 430+84.03 TO STA. 431+34.03	RT		1
STA. 442+03.28 TO STA. 442+53.28	LT		1
STA. 440+97.00 TO STA. 441+47.00	RT		1
TOTAL			4

HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50					40603310
LOCATION STATION TO STATION	AREA SQ YD	DEPTH INCH	CONV LB/SQ YD/IN	QUANTITY TON	
STA. 419+60.00 TO STA. 427+57.51	1485.73	2	112	166	
STA. 446+19.35 TO STA. 454+00.00	1444.15	2	112	162	
TOTAL					328

HOT-MIX ASPHALT SHOULDERS, 8" HMA SHOULDERS 8"					48203029
LOCATION STATION TO STATION	LT/RT	LENGTH	QUANTITY SQ YD		
STA. 420+00.00 TO STA. 423+71.46	LT	371.46 FT	165		
STA. 420+00.00 TO STA. 433+95.68	RT	1395.68 FT	700		
STA. 424+32.77 TO STA. 434+12.17	LT	979.40 FT	496		
STA. 439+25.09 TO STA. 451+54.60	RT	1229.51 FT	605		
STA. 439+41.65 TO STA. 453+00.00	LT	1358.35 FT	685		
STA. 451+95.04 TO STA. 454+00.00	RT	204.96 FT	91		
STA. 453+80.50 TO STA. 454+00.00	LT	19.50 FT	9		
TOTAL					2751

REMOVE EXISTING CULVERTS				50105210
LOCATION	OFFSET FT	LT/RT	QUANTITY FOOT	
STA. 424+00.00	29.34	LT	50	
STA. 427+37.00	20.73	LT	24	
STA. 450+38.00	38.50	RT	26	
STA. 451+71.50	36.98	RT	27	
STA. 453+45.50	40.78	LT	52	
TOTAL				179

LEVELING BINDER (MACHINE METHOD), N50					40800625
LOCATION STATION TO STATION	VOLUME CU YD	DEPTH INCH	CONV LB/SQ YD/IN	QUANTITY TON	
STA. 420+50.00 TO STA. 427+50.00	82	VARIES	112	165	
STA. 446+50.00 TO STA. 453+50.00	164	VARIES	112	331	
TOTAL					496

PERMANENT SURVEY MARKERS, TYPE			166700205
LOCATION	PC/PT	QUANTITY EACH	
STA. 421+03.04	PC	1	
STA. 426+85.50	PT	1	
STA. 427+58.08	PC	1	
STA. 433+40.58	PT	1	
STA. 440+43.10	PC	1	
STA. 446+25.44	PT	1	
STA. 446+97.90	PC	1	
STA. 452+80.20	PT	1	
TOTAL			8

CONCRETE HEADWALL REMOVAL			50104400
LOCATION	OFFSET FT	QUANTITY EACH	
STA. 420+60.89	58.91	RT	1
STA. 420+97.18	42.25	LT	1
TOTAL			2

TRAFFIC BARRIER TERMINAL, TYPE 6			63100085
LOCATION STATION TO STATION	LT/RT	QUANTITY EACH	
STA. 433+90.31 TO STA. 434+35.96	LT		1
STA. 433+71.53 TO STA. 434+17.18	RT		1
STA. 439+20.13 TO STA. 439+65.78	LT		1
STA. 439+01.35 TO STA. 439+47.00	RT		1
TOTAL			4

INCIDENTAL HOT-MIX ASPHALT SURFACING					40800050
LOCATION	AREA SQ YD	DEPTH INCH	CONV LB/SQ YD/IN	QUANTITY TON	
STA. 427+65.90 RT	23.95	3.5	112	4.7	
STA. 428+77.00 RT	26.67	3.5	112	5.2	
STA. 451+75.00 RT	16.26	3.5	112	3.2	
TOTAL					13.1

PAVEMENT REMOVAL			44000100
LOCATION STATION TO STATION	QUANTITY SQ YD		
STA. 424+06.95 TO STA. 433+64.69	1758		
STA. 438+51.84 TO STA. 449+69.65	2136		
STA. 451+77.40 TO STA. 451+77.40	112		
STA. 453+47.10 TO STA. 453+47.10	179		
TOTAL			4185

CLASS D PATCHES, TYPE I, 15 INCH			44201823
LOCATION	QUANTITY SQ YD		
STA. 423+00.00	5.4		
TOTAL			5.4

STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT			63000601
LOCATION STATION TO STATION	LT/RT	QUANTITY FOOT	
STA. 432+40.31 TO STA. 433+90.31	LT	150.00	
STA. 431+34.03 TO STA. 433+71.53	RT	237.50	
STA. 439+65.78 TO STA. 442+03.28	LT	237.50	
STA. 439+47.00 TO STA. 440+97.00	RT	150.00	
TOTAL			775

APPROACH SLAB REMOVAL			44000700
LOCATION STATION TO STATION	WIDTH FT	QUANTITY SQ YD	
STA. 433+64.69 TO STA. 433+84.69	30	67	
STA. 438+31.84 TO STA. 438+51.84	30	67	
TOTAL			134

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 4 INCH			44004250
LOCATION	QUANTITY SQ YD		
STA. 451+77.40	139		
TOTAL			139

BRIDGE APPROACH PAVEMENT			42001165
LOCATION STATION TO STATION	QUANTITY SQ YD		
STA. 434+04.07 TO STA. 434+34.07	120		
STA. 439+03.25 TO STA. 439+33.25	120		
TOTAL			240

ENGINEER'S FIELD OFFICE, TYPE A			67000400
LOCATION	QUANTITY CAL MO		
ENTIRE PROJECT	15		
TOTAL			15

TYPE C INLET BOX, STANDARD 609006				60900240
STATION	SIDE	METAL END SECTIONS 18" PIPE DRAINS, CORRUGATED STEEL OR ALUMINUM ALLOY STANDARD 609006-05 (EACH)	TYPE C INLET BOX (FOOT)	QUANTITY EACH
STA. 439+16.10	RIGHT	1	17	1
STA. 439+35.25	LEFT	1	18	1
TOTAL				2

PAVED SHOULDER REMOVAL			44004250
LOCATION STATION TO STATION	QUANTITY SQ YD		
STA. 424+00.00 TO STA. 433+72.59	1209		
STA. 424+00.00 TO STA. 433+76.75	1387		
STA. 438+60.50 TO STA. 454+00.00	1491		
STA. 438+43.70 TO STA. 454+00.00	1667		
TOTAL			5754

CULVERT SCHEDULE												
LOCATION	RT/LT	PIPE CULVERTS, CLASS D, TYPE 1	PIPE CULVERTS, CLASS A, TYPE 1	PIPE CULVERTS, CLASS A, TYPE 2	PIPE CULVERTS, CLASS A, TYPE 2	PRC FLARED END SECTIONS 18"	PRC FLARED END SECTIONS 24"	PRC FLARED END SECTIONS 30"	REINFORCED CONC. ELBOW 30"	MAN TA 4 DIA T&G 4'	CONCRETE COLLAR	
		24" FOOT 542D0229	18" FOOT 542D1063	24" FOOT 542A0229	18" FOOT 542A1063	30" FOOT 542A1075	18" EACH 54213683	24" EACH 54213689	30" EACH 54213675	30" EACH 54215985	4' EACH 60219000	54248515
STA. 420+81.94	LT					10						
STA. 420+81.94	RT					40						
STA. 424+01.47	LT				68		2					
STA. 427+37.68	LT		58									
STA. 450+37.48	RT	48										
STA. 451+70.42	RT	46										
STA. 453+47.27	LT			56								
TOTAL		94	58	56	68	50	2	2	1	1	1	2

SCHEDULE OF QUANTITIES
SHEET 2 OF 3
US 24 OVER LAMOINE RIVER
F.A.P. RTE 317 (US RTE 24)
SECTION 9RS-4, (10,11) RS-3; (10B-1) R
BROWN & SCHUYLER COUNTY