

SCHEDULE OF CLASS D PATCHING, 12"

HOT-MIX ASPHALT CALCULATIONS

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	44201789	44201794	44201796
				TYPE II (SQ. YD.)	TYPE III (SQ. YD.)	TYPE IV (SQ. YD.)
54+02.00	WB	6	13	8.7	0.0	0.0
55+72.00	EB	10	13	14.4	0.0	0.0
55+72.00	WB	10	13	14.4	0.0	0.0
56+26.00	EB	8	13	11.6	0.0	0.0
56+26.00	WB	8	13	11.6	0.0	0.0
57+15.00	EB	6	13	8.7	0.0	0.0
57+15.00	WB	6	13	8.7	0.0	0.0
58+15.00	EB	20	13	0.0	0.0	28.9
58+15.00	WB	20	13	0.0	0.0	28.9
58+83.00	EB	8	13	11.6	0.0	0.0
58+83.00	WB	8	13	11.6	0.0	0.0
59+42.00	EB	6	13	8.7	0.0	0.0
59+42.00	WB	6	13	8.7	0.0	0.0
60+61.00	EB	6	13	8.7	0.0	0.0
60+61.00	WB	6	13	8.7	0.0	0.0
60+95.00	EB	6	13	8.7	0.0	0.0
60+95.00	WB	6	13	8.7	0.0	0.0
*2+48.05	BOTH	18.5	42.6	0.0	0.0	87.6
TOTALS=				1484.9	164.7	260.9
USE=				1485.0	165.0	261.0

*THIS PATCH SHALL BE CONSTRUCTED AT A 20 DEGREE SKEW LEFT FORWARD AND WILL BE TAPERED FROM 12" TO 8". SEE CROSS SECTION AT STATION 2+48.30 FOR FURTHER DETAIL.

STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ. YD)	40603340	40600635	48203105	40600100	40600300
						HMA SC MIX "D" N70 (TONS)	LEV BIND MM N70 (TONS)	HMA SHOULDERS (SPECIAL) (TONS)	BIT MATLS PR CT (GAL)	AGG PR CT (TONS)
MAINLINE										
0+14.00		61+45.00	6131.0	26	17711.8	1487.8	743.9	0.0	1771.2	70.8
BUGGY LANES										
0+14.00		61+45.00	6131.0	14	9537.1	0.0	667.6	801.1	953.7	38.1
TOTAL=						1487.8	1411.5	801.1	2724.9	109.0
USE=						1488.0	1412.0	802.0	2725.0	109.0

EARTHWORK ANALYSIS

LOCATION	20200100	20200500	EARTH EXCAVATION EMBANKMENT ADJUSTED		20400800					
	EARTH EXCAVATION	EARTH EXCAVATION (WIDENING)	FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)					
	CU YD	CU YD	CU YD	CU YD	CU YD					
VINE STREET INTERSECTION										
SOUTHEAST QUADRANT	113.0	14.0	95.3	140.0	-44.75					
SOUTHWEST QUADRANT	6.0	13.0	14.3	2.0	12.25					
NORTHWEST QUADRANT	13.0	7.0	15.0	9.0	6.00					
NORTHEAST QUADRANT	13.0	0.0	9.8	2.0	7.75					
TOTALS=						145.0	34.0	134.3	153.0	-18.8
FINAL TOTALS=						145.0	34.0	134.0	153.0	-19.0

EARTHWORK BALANCE = EARTH EXCAVATION X ADJUSTMENT FOR SHRINKAGE (0.75) - EMBANKMENT

EARTH EXCAVATION = 145.0 CUBIC YARDS
 EARTH EXCAVATION (WIDENING) = 34.0 CU YARDS
 FURNISHED EXCAVATION = 19.0 CUBIC YARDS

179.0 CUBIC YARDS OF STRUCTURE EXCAVATION FROM SN 021-8055 IS UNSUITABLE MATERAIL FOR EMBANKMENT

28000305 TEMPORARY DITCH CHECKS

STATION		FOOT
599+10.00	RT	9.5
2+50.00	RT	9.5
2+75.00	LT	9.5
3+00.00	RT	9.5
		TO 38.0
		US 38.0

*DOUGLAS & MOULTRIE

FILE NAME =	USER NAME = bowerml	DESIGNED - MLB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\PWIDOT\BOWERML\dms85036\70234 Schedules.dgn	DRAWN - MLB	REVISIED -	749					120RS-3	*	55	12	
PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISIED -	CONTRACT NO. 70234									
PLOT DATE = 12/4/2009	DATE - 11/05/20	REVISIED -	SCALE: N/A		SHEET NO. OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				