

SUMMARY OF QUANTITIES

Sp. Prov. Provided	Code No.	Items	Unit	Total Quantity
*	20200100	EARTH EXCAVATION	CU YD	3426
*	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1626
*	20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	1626
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	6513
*	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2022
*	21301084	EXPLORATION TRENCH 84" DEPTH	FOOT	50
*	25000210	SEEDING, CLASS 2A	ACRE	0.4
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	38
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	38
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	38
*	25100115	MULCH, METHOD 2	ACRE	0.8
*	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	85
*	28000300	TEMPORARY DITCH CHECKS	EACH	20
*	28000400	PERIMETER EROSION BARRIER	FOOT	2800
*	28000510	INLET FILTERS	EACH	4
	31101300	SUB-BASE GRANULAR MATERIAL, TYPE B 5"	SQ YD	1743
*	40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	150
*	40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	6
*	40600300	AGGREGATE (PRIME COAT)	TON	13
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	46
	40701861	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"	SQ YD	5113
*	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	20
*	42001300	PROTECTIVE COAT	SQ YD	104
*	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	28
	44000100	PAVEMENT REMOVAL	SQ YD	4774
*	44000151	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	600
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	449
	48203013	HOT-MIX ASPHALT SHOULDERS, 4"	SQ YD	1743
	60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	1
*	60107600	PIPE UNDERDRAINS 4"	FOOT	236
*	60255500	MANHOLES TO BE ADJUSTED	EACH	1
*	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	1
	60600605	CONCRETE CURB, TYPE B	FOOT	187
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	199
	67100100	MOBILIZATION	L SUM	1
*	70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
	70102550	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	EACH	1
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	200
*	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2000
	70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	200
△	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	8722
△	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	30
*	78300100	PAVEMENT MARKING REMOVAL	SQ FT	70
*	Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	5612
*	Z0019600	DUST CONTROL WATERING	UNIT	28
	X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	52
*	XX008833	TREE PROTECTION, SPECIAL	L SUM	1
*	XX008200	STABILIZED DRIVEWAY PAVEMENT	SQ YD	421
	351600706	HOT-MIX ASPHALT BASE COURSE WIDENING, 7 1/2"	SQ YD	89
*	XX007985	SPECIAL FRAME, CLOSED LID	EACH	2
*	XX001095	MALBOX Removal AND REPLACEMENT	EACH	17

△ SPECIALTY ITEMS

SCHEDULE OF QUANTITIES

ROADWAY SCHEDULE								
LOCATION	POROUS GRANULAR EMBANKMENT, SUBGRADE (CU YD)	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (SQ YD)	AGGREGATE SUBGRADE, 12" (SQ YD)	HOT-MIX ASPHALT BASE COURSE WIDENING, 7 1/2" (SQ YD)	HOT-MIX ASPHALT SHOULDERS, 4" (SQ YD)	SUB-BASE GRANULAR MATERIAL, TYPE B, 5" (SQ YD)	HOT-MIX ASPHALT (FULL DEPTH), 9" (SQ YD)	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (TON)
STA. 14+00 TO STA. 16+00	196	681	545		196	196	600	
STA. 16+00 TO STA. 20+00	386	1333	1067		352	352	978	
STA. 20+00 TO STA. 34+46		4499	3856		1195	1195	3535	
STA. 34+46 TO STA. 36+45			144	89				46
TOTAL	582	6513	5612	89	1743	1743	5113	46

DRIVEWAYS		
LOCATION	STABILIZED DRIVEWAY PAVEMENT (SQ YD)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH (SQ YD)
14+58.5, LT	14.0	
15+87.7, LT	11.0	
19+00.6, RT	50.0	
19+86.2, LT	27.0	
21+06.4, RT	36.0	
21+46.9, LT	27.0	
21+65.8, RT		28.0
23+44.3, LT	22.0	
24+53.3, RT	27.0	
26+41.5, LT	18.0	
26+63.8, RT	17.0	
26+87.5, LT	26.0	
29+05.3, RT	22.0	
29+33.7, LT	16.0	
30+39.4, LT	36.0	
30+76.6, RT	15.0	
31+18.5, LT	10.0	
32+31.0, LT	12.0	
32+63.7, LT	10.0	
32+85.0, LT	10.0	
32+90.4, RT	15.0	
TOTAL	421.0	28.0

EARTH EXCAVATION						
LOCATION	REM. AND DISP. OF UNSUIT. MAT. (CU YD)	EARTH EXCAVATION (CU YD)	PAVEMENT REMOVAL (CU YD)	EXCAV. TO BE USED AS EMBANK. (15% SHRINKAGE) (CU YD)	EMBANKMENT (CU YD)	WASTE (+) SHORTAGE(-) (CU YD)
14+00 TO 36+45	1626	3426	305	3171	59	3112

PLAN ALLOWANCE		
ITEM	UNITS	QUANTITY
REMOVAL & DISP. OF UNSUITABLE MATERIAL *	CU YD	1044
POROUS GRANULAR EMBANKMENT, SUBGRADE *	CU YD	1044
EXPLORATION TRENCH 84" DEPTH	FOOT	50
INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	20
SHORT-TERM PAVEMENT MARKING	FOOT	405
TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	17444
PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	8722
PAVEMENT MARKING REMOVAL	SQ FT	70
AGGREGATE FOR TEMPORARY ACCESS	TON	150

AN ESTIMATED PLAN QUANTITY FOR EACH OF THESE ITEMS HAS BEEN SHOWN TO ESTABLISH UNIT PRICES FOR EACH ITEM. PAYMENT SHALL BE MADE FOR ACTUAL QUANTITY COMPLETED WITHOUT AN ADJUSTMENT IN UNIT PRICE DUE TO A CHANGE IN PLAN QUANTITY.

ADDITIONAL QUANTITIES FOR THESE ITEMS ARE INCLUDED IN THE PLAN ALLOWANCE * SCHEDULE IN THE CASE THAT ADDITIONAL UNDERCUT IS REQUIRED DURING CONSTRUCTION. FIELD VERIFY DEPTH OF UNDERCUT REQUIRED. SEE GEOTECHNICAL REPORT.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



RAFFEL ROAD IMPROVEMENTS
SUMMARY & SCHEDULE OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
041	09-00110-00-PV	McHENRY	22	3
RAFFEL ROAD		CONTRACT NO. 63283		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT AREA--9003(445)		

FILE NAME =	USER NAME =	DESIGNED --	REVISED --
		DRAWN --	REVISED --
		CHECKED --	REVISED --
		DATE --	REVISED --
PLOT SCALE =			
PLOT DATE =			

PLAN	DATE
BY	
STAMPED	
NOTED	
NO. _____	
NO. _____	
NO. _____	
NO. _____	
NO. _____	

PROFILE	DATE
BY	
STAMPED	
NOTED	
NO. _____	
NO. _____	
NO. _____	
NO. _____	
NO. _____	

April 28, 2009 11:41:51 a.m.
P:\03\03102203\CAD\PHASE 2\DWG\10203-SHT-NOTES.DWG