

WEBER ROAD AT RENWICK ROAD INTERSECTION IMPROVEMENT						CONSTRUCTION TYPE CODE			
SP	SI	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	STA 0003	STP 0003	STA TRAFFIC SIGNALS 0021	TRAINEES 0042
		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	129			129	
		20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	684			684	
		20101000	TEMPORARY FENCE	FOOT	3,296			3,296	
		20101200	TREE ROOT PRUNING	EACH	13			13	
		20200100	EARTH EXCAVATION	CU YD	22,629			22,629	
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	19,892			19,892	
		20800150	TRENCH BACKFILL	CU YD	9,406	5,936		3,470	
		21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	28,097			28,098	
		21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	31,907			31,907	
		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,188			1,188	
		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,188			1,188	
		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,188			1,188	
		25100630	EROSION CONTROL BLANKET	SQ YD	792			792	
		25200110	SODDING, SALT TOLERANT	SQ YD	38,345			38,345	
		25200200	SUPPLEMENTAL WATERING	UNIT	230			230	
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	792			792	
*		28000305	TEMPORARY DITCH CHECKS	FOOT	3,660			3,660	
		28000400	PERIMETER EROSION BARRIER	FOOT	14,729			14,729	
		28000500	INLET AND PIPE PROTECTION	EACH	133			133	
		28100107	STONE RIP RAP, CLASS A4	SQ YD	24			24	
		28200200	FILTER FABRIC	SQ YD	24			24	
		31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	102			102	
		35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	1,042			1,042	
*		40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	839			839	
		40600300	AGGREGATE (PRIME COAT)	TON	1			1	
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	142			142	
		40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	32			32	
		40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	131			131	
		40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	56			56	
		42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	37,437			37,437	
		42000416	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)	SQ YD	32,790	32,790			
		42001300	PROTECTIVE COAT	SQ YD	9,243			9,243	
		42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	492			492	
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,366			1,366	
		42400800	DETECTABLE WARNINGS	SQ FT	48			48	
*		44000100	PAVEMENT REMOVAL	SQ YD	58,952	58,952			
		44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	168			168	
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,037			2,037	
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	12,230			12,230	
		44000600	SIDEWALK REMOVAL	SQ FT	1,504			1,504	
		44003100	MEDIAN REMOVAL	SQ FT	19,475			19,475	
		48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	73			73	
		50105220	PIPE CULVERT REMOVAL	FOOT	982			982	
		542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	46			46	
		54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1			1	
		54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2			2	
		54213666	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 21"	EACH	1			1	
		54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1			1	
		54247100	GRATING FOR CONCRETE FLARED END SECTION 15"	EACH	1			1	

* SPECIAL PROVISION, PLAN NOTE, OR
DETAIL HAS BEEN PROVIDED.
+ SPECIALITY ITEM.

REVISIONS	
NAME	DATE
ADDENDUM 1	2-15-12

ILLINOIS DEPARTMENT OF TRANSPORTATION

WEBER ROAD AND RENWICK ROAD
SUMMARY OF QUANTITIES

SCALE:
DATE APRIL, 2011

DRAWN BY CJO
CHECKED BY MFB

PROPOSED PAVEMENT												
LOCATION STA. TO STA.	LENGTH (FT)	AVERAGE WIDTH (FT)	SURFACE AREA (SQ. YD)	AGGREGATE SUBGRADE, 12" (SQ YD)	SUB-BASE GRANULAR MATERIAL, TYPE B, 4" (SQ YD)	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED) (SQ YD)	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED) (SQ YD)	HMA BINDER COURSE, IL-19.0, N70 (TON)	HMA SURFACE COURSE, MIX "D", N70 (TON)	HOT-MIX ASPHALT SHOULDERS, 8" (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) (GALLON)	AGGREGATE (PRIME COAT) (TON)
PAY ITEM NO.				20001050	31101200	42000301	42000416	40603085	40603340	48203029	40600100	40600300
PROPOSED PAVEMENT												
WEBER ROAD												
31+41.50 TO 33+00	158.5	67.5	1190	1331			1190					
33+00 TO 39+00	600	83.4	5562	5869			4952					
39+00 TO 45+00	600	101.8	6785	6724			5802					
45+00 TO 49+00	400	104.0	4622	4937			4107					
51+00 TO 57+00	600	119.0	7935	7801			6819					
57+00 TO 63+00	600	122.7	8181	7237			6319					
63+00 TO 66+00	300	115.5	3849	4116			3600					
RENWICK ROAD												
89+39 TO 95+00	561	52.0	3240	3645		3240						
95+00 TO 101+00	600	73.9	4923	5457		4923						
101+00 TO 106+00	500	98.5	5474	5961		5317						
106+00 TO 111+00	500	96.8	5380	4778		3957						
111+00 TO 117+00	600	120.9	8057	8622		7670						
117+00 TO 123+00	600	99.3	6620	6199		5226						
123+00 TO 129+00	600	79.5	5300	5441		4608						
129+00 TO 133+50	450	58.4	2920	2896		2176						
133+50 TO 134+26	76	52.4	442	414		320						
134+26 TO 134+73	47	52.3	273					35			155.0	0.31
RYAN DRIVE												
39+16 TO 39+85	45	55.4	277	317				32	21		126.5	0.25
PROPOSED SHOULDERS												
RENWICK ROAD												
89+40 TO 89+46	47	3.8	19.7		27.5					19.7	9.8	0.02
90+00 TO 91+00	100	3.9	43.3		60.0					43.3	21.7	0.04
134+51 TO 134+73	22	4.1	10.0		13.7					10.0	5.0	0.01
DRIVEWAYS **												
TOTAL				81745	102	37437	32790	32	56	73	839	0.64

* Tonnage was calculated by multiplying SQ YD by thickness by 112 lbs/SQ YD/in and then dividing by 2000
 * Aggregate (Prime Coat) Applied @ 2 LB/ sq yd. Conversion of 2000 LB/ TON.
 * Bit. Materials (Prime Coat) for Bit. Surfaces and HMA Pavements related to roadway resurfacing shall be applied @ 0.5 gal/ sq yd.
 ** Bituminous Materials (Prime Coat) quantities for Driveways included in the HMA Driveway Pavement, 14 1/4" schedule, Sheet 12.

EARTHWORK - WEBER - RENWICK					
AREA LOCATION	EARTH EXCAVATION	EARTH EXCAVATION Adjusted*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE(-)	EARTH EXCAVATION, FURNISHED
	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
WEBER ROAD	9080.0	7718	3733	4688	0
RENWICK ROAD	13549.0	11517	10119.0	1644	0
TOTAL VOLUMES	22629	19235	13852	6333	0
* Adjusted 85% Shrinkage Factor for Shrinkage = 15 %					
TOTAL EARTH EXCAVATION (CU.YD.):					22629
TOTAL EMBANKMENT (CU.YD.):					13852
TOTAL EARTH EXCAVATION FURNISHED (CU.YD.):					0
EXCESS OF EARTH (WASTE) (CU.YD.):					6333
** TOPSOIL REMOVAL (CU.YD.):					16288
** UNSUITABLE MATERIAL FROM PGES EXCAVATION (CU.YD.):					3604
** Paid for as REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL					

REVISIONS	
NAME	DATE
ADDENDUM 1	2-15-12

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES

SCALE: NONE
 DATE: APRIL, 2011

DRAWN BY: PHP
 CHECKED BY: MFB