CONTRACT NO. 62336

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	119R-2-B	McHENRY	64	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

PAY ITEM	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY QUANTITY I000-2A	BRIDGE QUANTITY X071-2A	RETAINING WALLS QUANTITY Y007-2A
20100110	TREE REMOVAL (6 TO 15 UNIT DIAMETER)	UNIT	46	46		
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	15	15		
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	10	10		
20101000	TEMPORARY FENCE	FOOT	60	60		
20200100	EARTH EXCAVATION	CU YD	40	40		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,627	1,627		
20300100	CHANNEL EXCAVATION	CU YD	126		126	
20400800	FURNISHED EXCAVATION	CU YD	1,844	1,844		
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	210		108	102
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	50	50		
20800150	TRENCH BACKFILL	CU YD	5	5		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	120	120		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,722	2,722		
21101805	COMPOST FURNISH AND PLACE, 2"	SQ YD	936	936		
21400100	GRADING AND SHAPING DITCHES	FOOT	75	75		
25000210	SEEDING, CLASS 2A	ACRE	1	1		
25000300	SEEDING, CLASS 3	ACRE	0.2	0.2		
25000322	SEEDING, CLASS 5A	ACRE	0.2	0.2		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	50	50		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	50	50		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	50	50		
25100630	EROSION CONTROL BLANKET	SQ YD	2,722	2,722		
28000300	TEMPORARY DITCH CHECKS	EACH	11	11		
28000400	PERIMETER EROSION BARRIER	FOOT	2,097	2,097		
28000500	INLET AND PIPE PROTECTION	EACH	1	1		
28100107	STONE RIPRAP, CLASS A4	SQ YD	703	62	641	
28200200	FILTER FABRIC	SQ YD	818	62	756	
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	51	51		
40600100	BITUMINOIS MATERIALS (PRIME COAT)	GALLON	596	596		
40600300	AGGREGATE (PRIME COAT)	TON	11	11		
40600400	MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS	TON	1	1		
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	31	31		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	64	64		
40600990	TEMPORARY RAMP	SQ YD	54	54		
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	6	6		
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	61	61		
40701941	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13"	SQ YD	1,768	1,768		
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	267	267		
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	53	53		
44000100	PAVEMENT REMOVAL	SQ YD	1,914	1,914		
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	547	547		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	39	39		
44004250	PAVED SHOULDER REMOVAL	SQ YD	813	813		
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	650	650		
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	176	176		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1,473	1,473		
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1	
50105220	PIPE CULVERT REMOVAL	FOOT	12	12		
50200100	STRUCTURE EXCAVATION	CU YD	1,879		235	1,644
50300100	FLOOR DRAINS	EACH	8		8	
50300225	CONCRETE STRUCTURES	CU YD	673.7		92.7	581
50300255	CONCRETE SUPERSTRUCTURES	CU YD	116.1		116.1	
50300260	BRIDGE DECK GROOVING	SQ YD	310		310	

EARTHWORK SCHEDULE

ITEM	STAGE 1	STAGE 2	TOTAL
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL CU YD 20201200	889	738	1,627
EARTH EXCAVATION CU YD 20200100	30	10	40
FURNISHED EXCAVATION CU YD 20400800	1,178	666	1,844
POROUS GRANULAR EMBANKMENT ** CU YD 20700220	25	25	50
GEOTECHNICAL FABRIC FOR GROUND STABILIZATION** SQ YD 21001000	60	60	120

* FURNISHED EXCAVATION VOLUME IS BASED ON A 15% SHRINKAGE FACTOR APPLIED TO THE EARTH EXCAVATION VOLUME

** QUANTITIES HAVE BEEN INCLUDED IN THE PLANS FOR USE FOR EXISTING SOIL CONDITIONS PRIOR TO BUILDING ANY EMBANKMENT. THE QUANTITIES ARE ESTIMATES AND THE ACTUAL DEPTH AND EXTENT OF SUBGRADE TREATMENT WILL BE DETERMINED AT THE TIME OF CONSTRUCTION BY THE ENGINEER OR SOILS INSPECTOR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 176 OVER THE KISHWAUKEE RIVER

SUMMARY OF QUANTITIES

SCALE: DRAWN BY: WS

DATE: 10-05-07 CHECKED BY: RJS

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

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