

SUMMARY OF QUANTITIES			URBAN CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES			URBAN CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY 90% FED. 10% STATE LS3E 0004	ROADWAY 90% FED. 10% STATE LS3E 0005	MULTI-USE PATH 80% FED. 20% CITY LS3E 0028	TRAFFIC SIGNAL 90% FED. 10% STATE LS3E 0021	EMERGENCY VEHICLE PREEMPTION 100% CITY 01PO 0021	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY 90% FED. 10% STATE 0004	ROADWAY 90% FED. 10% STATE 0005	MULTI-USE PATH 80% FED. 20% CITY 0028	TRAFFIC SIGNAL 90% FED. 10% STATE 0021	EMERGENCY VEHICLE PREEMPTION 100% CITY 0021
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	122	122					42001300	PROTECTIVE COAT	SO YD	104	100		4		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	30	30					42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	60	60				
20101200	TREE ROOT PRUNING	EACH	5	5					42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	200		200			
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	5	5					42400800	DETECTABLE WARNINGS	SO FT	85		85			
20200100	EARTH EXCAVATION	CU YD	3667	3667					44000100	PAVEMENT REMOVAL	SO YD	150	150				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3315	3315					44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	17500	7900	9600			
20800150	TRENCH BACKFILL	CU YD	10	10					44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	675	675				
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	7825	7825					44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	150	150				
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	25,890	25,890					44002209	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 1/4"	SO YD	1030	475	555			
21400100	GRADING AND SHAPING DITCHES	FOOT	4460	4460					44003100	MEDIAN REMOVAL	SO FT	540	540				
* 25000210	SEEDING, CLASS 2A	ACRE	5.3	5.3					44004250	PAVED SHOULDER REMOVAL	SO YD	3105	3105				
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	475	475					44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	220	100	120			
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	475	475					44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	310	140	170			
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	475	475					44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	365	175	190			
* 25100630	EROSION CONTROL BLANKET	SO YD	25,890	25,890					48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	4150	4150				
* 25200200	SUPPLEMENTAL WATERING	UNIT	1	1					50105220	PIPE CULVERT REMOVAL	FOOT	160	160				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	530	530					54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	6	6				
28000305	TEMPORARY DITCH CHECKS	FOOT	22	22					542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	161	161				
28000400	PERIMETER EROSION BARRIER	FOOT	4925	4925					60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	11	11				
28000500	INLET AND PIPE PROTECTION	EACH	12	12					60107600	PIPE UNDERDRAINS 4"	FOOT	550	550				
31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	665	665					60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	180	180				
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SO YD	950	75		875			60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	120	120				
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	175	175					* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1125	1125				
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	480	480					* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1				
35501330	HOT-MIX ASPHALT BASE COURSE, 11 1/2"	SO YD	3150	3150					* 66900530	SOIL DISPOSAL ANALYSIS	EACH	8	8				
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	22	13	8	1			67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6				
40600300	AGGREGATE (PRIME COAT)	TON	91	49	40	2			67100100	MOBILIZATION	L SUM	1	1				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	27	12	15				70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		1			
40600895	CONSTRUCTING TEST STRIP	EACH	3	2		1			70100455	TRAFFIC CONTROL AND PROTECTION, STANDARD 701206	L SUM	1		1			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	65	65					70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1		1			
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	130	60	70				70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1		1			
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	185	85		100			70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	5	5				
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1745	935	810												

* SPECIALTY ITEMS

Rev. 11-9-11

FILE NAME =	USER NAME = beckerlcm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				IL ROUTE 53 AT RIVER ROAD SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
6:\pwork\work\beckerlcm\0150277\PH42009-sh-rxs\1153-Design.dgn		DRAWN -	REVISED -									846	4-N-3	WILL	68	3			
PLOT SCALE = 50,000' / 1"		CHECKED -	REVISED -									SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 60L42			
PLOT DATE = 8/25/2011		DATE -	REVISED -									FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

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CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY 90% FED. 10% STATE	ROADWAY 90% FED. 10% STATE	Interconnect Traffic Signal 90% Fed. 10% State	River Rd Traffic Signal 90% Fed. 10% State	EMERGENCY VEHICLE PREEMPTION 100% CITY	Pectone Rd Traffic Signal 90% Fed. 5% State 2.5% Will Co. 2.5% City of Wilmington	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY 90% FED. 10% STATE	ROADWAY 90% FED. 10% STATE	Interconnect Traffic Signal 90% Fed. 10% State	River Rd Traffic Signal 90% Fed. 10% State	EMERGENCY VEHICLE PREEMPTION 100% CITY	Pectone Rd Traffic Signal 90% Fed. 5% State 2.5% Will Co. 2.5% City of Wilmington		
				0004	0005	0021	0021	0021	0021					0004	0005	0021	0021	0021	0021		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2	2						*81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	3197			2337	860				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2125	1610	515					*85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1								
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	327.6	291.2	36.4					*85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1								
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	21295	11560	9735					*85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1								
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1575	1465	110					*86000100	MASTER CONTROLLER	EACH	1								
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	30	30						*86200120	UNINTERRUPTIBLE POWER SUPPLY	EACH	2								
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	275	275						*86400100	TRANSCEIVER - FIBER OPTIC	EACH	2								
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	100	100						*87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	865								
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	715	540	175					*87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1525						625		
*72000100	SIGN PANEL - TYPE 1	SO FT	21					21		*87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1855								
*78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	327.6	291.2	36.4					*87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	575								
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	21295	11560	9735					*87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1585								
*78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1575	1465	110					*87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	80								
*78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	30	30						*87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2								
*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	275	275						*87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1								
*78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	100	100						*87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1								
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	230	145	85					*87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1								
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	200	125	75					*87800100	CONCRETE FOUNDATION, TYPE A	FOOT	8								
*80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1					1		*87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4								
*81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	2855			2337	518			*87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	39								
*81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	52				52			*87900200	DRILL EXISTING HANDHOLE	EACH	1								
*81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	64				64			*88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5						2		
*81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	228				228			*88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3						2		
*81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	292			153	139			*88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3						2		
*81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	327				327			*88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5						2		
*81400200	HEAVY-DUTY HANDHOLE	EACH	9			3	6			*88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1								
*81400300	DOUBLE HANDHOLE	EACH	2				2														

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				ROADWAY 90% FED. 10% STATE	ROADWAY 90% FED. 10% STATE	Interconnect 90% Fed. 10% State	River Rd. TRAFFIC SIGNAL 90% FED. 10% STATE 3.3% COUNTY	EMERGENCY VEHICLE PREEMPTION 100% CITY					Pactage Rd. Traffic Signal 90% Fed. 10% State 25% Will Co. 25% City of Wilmington 0.021	ROADWAY	ROADWAY	MULTI-USE PATH	TRAFFIC SIGNAL
				0004	0005	0021	0021	0021				0004	0005	0028	0021	0021	
*88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1				1										
*88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4				4										
*88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	10				6	4									
*88500100	INDUCTIVE LOOP DETECTOR	EACH	12				6	6									
*88600100	DETECTOR LOOP, TYPE I	FOOT	811				776	35									
*88700200	LIGHT DETECTOR	EACH	2					2									
*88700300	LIGHT DETECTOR AMPLIFIER	EACH	1					1									
*88800100	PEDESTRIAN PUSH-BUTTON	EACH	4				4										
*89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1					1									
*89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1					1									
*A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	12	12													
*B2001666	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	9	9													
*K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	2	2													
*87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	3125				3125										
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	1	1													
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	3	3													
X4024000	TEMPORARY ACCESS (FIELD ENTRANCE)	EACH	1	1													
X4060826	POLYMERIZED LEVELING BINDER (MACHINE METHOD), 1L-4.75, N50	TON	875	470	405												
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.75	0.25												
*87100010	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	3160				3160										
*87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6, 1C	FOOT	1080				1080										
*X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	625					625									
Z0001050	AGGREGATE SUBGRADE 12"	SO YD	7825	7825													
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1													
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	77.1	77.1													
*Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1				1										
Z0042002	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	1250	1250													

* SPECIALTY ITEMS