

CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	FHWA ROADWAY 1000-2A	NON-PARTICIPATING WATER SANITARY	STREET LIGHTING Y030-1E	TRAFFIC SIGNALS Y031-1F
* 81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	147				147
* 81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	131				131
* 81000900	CONDUIT IN TRENCH, 3 1/2" DIA., GALVANIZED STEEL	FOOT	27				27
* 81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	41373			41373	
* 81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	151				151
* 81018800	CONDUIT PUSHED, 3 1/2" DIA., GALVANIZED STEEL	FOOT	169				169
* 81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	383				383
* 81019000	CONDUIT PUSHED, 5" DIA., GALVANIZED STEEL	FOOT	206				206
* 81023300	CONDUIT ENCASED, CONCRETE, 2" DIA., PVC 2 WIDE X 1 HIGH	FOOT	50			50	
* 81023500	CONDUIT ENCASED, CONCRETE, 2" DIA., PVC 2 WIDE X 2 HIGH	FOOT	350			350	
* 81024300	CONDUIT ENCASED, CONCRETE, 4" DIA., PVC 2 WIDE X 2 HIGH	FOOT	865			865	
* 81301370	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 18" X 12" X 8"	EACH	103			103	
◇ 81400100	HANDHOLE	EACH	12				12
◇ 81400115	HANDHOLE TO BE ADJUSTED	EACH	25	21			4
* 81400200	HEAVY-DUTY HANDHOLE	EACH	42			39	3
* 81400300	DOUBLE HANDHOLE	EACH	4				4
* 81700105	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/C NO. 12	FOOT	2395			2395	
* 81700110	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/C NO. 10	FOOT	7152			7152	
* 81700115	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/C NO. 8	FOOT	38274			38274	
* 81700120	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/C NO. 6	FOOT	4554			4554	
* 81700125	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/C NO. 4	FOOT	40512			40512	
* 81900200	TRENCH & BACKFILL FOR ELECTRICAL WORK	FOOT	11821			11000	821
◇ 82500505	LIGHTING CONTROLLER, SPECIAL	EACH	2			2	
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	240			240	
* 83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	495			495	
* 84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	42			42	
* 84200700	LIGHTING FOUNDATION REMOVAL	EACH	23			23	
* 84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	2			2	
* 84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	2			2	
◇ 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1				1
◇ 85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	2				2
* 86400100	TRANSCEIVER, FIBER OPTIC	EACH	2				2
◇ 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2/C	FOOT	2875				2875
◇ 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3/C	FOOT	4226				4226
◇ 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5/C	FOOT	2290				2290
◇ 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7/C	FOOT	3854				3854
◇ 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3532				3532
◇ 87301615	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 16, 6 PAIR	FOOT	1594				1594
◇ 87704070	STEEL COMBINATION MAST ARM ASSEMBLY & POLE 28 FT. (SPECIAL)	EACH	1				1
* 87704080	STEEL COMBINATION MAST ARM ASSEMBLY & POLE 30 FT. (SPECIAL)	EACH	1				1

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◇ * 87704090	STEEL COMBINATION MAST ARM ASSEMBLY & POLE 32 FT. (SPECIAL)	EACH	2				2
◇ * 87704110	STEEL COMBINATION MAST ARM ASSEMBLY & POLE 36 FT. (SPECIAL)	EACH	1				1
◇ * 87704150	STEEL COMBINATION MAST ARM ASSEMBLY & POLE 44 FT. (SPECIAL)	EACH	2				2
◇ * 87704160	STEEL COMBINATION MAST ARM ASSEMBLY & POLE 46 FT. (SPECIAL)	EACH	1				1
◇ * 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	40				40
◇ * 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	8				8
◇ * 87800400	CONCRETE FOUNDATION, TYPE E, 30" DIA.	FOOT	75				75
◇ * 87800415	CONCRETE FOUNDATION TYPE E 36-INCH DIAMETER	FOOT	45				45
◇ * 87900200	DRILL EXISTING HANDHOLE	EACH	16				16
◇ * 88040080	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED (SPECIAL)	EACH	2				2
◇ * 88040100	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED (SPECIAL)	EACH	6				6
◇ * 88040155	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED, SPECIAL	EACH	11				11
◇ * 88040170	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED (SPECIAL)	EACH	9				9
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE BRACKET MOUNTED W/ COUNTDOWN TIMER	EACH	16				16
* 88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	22				22
◇ * 88500100	INDUCTIVE LOOP DETECTOR	EACH	6				6
◇ * 88600100	DETECTOR LOOP, TYPE 1	FOOT	761				761
◇ * 88700200	LIGHT DETECTOR	EACH	4				4
◇ * 88700300	LIGHT DETECTOR AMPLIFIER	EACH	2				2
◇ * 88800100	PEDESTRIAN PUSH-BUTTON	EACH	16				16
◇ * 89000105	TEMPORARY TRAFFIC SIGNAL INSTALLATION, (SPECIAL)	EACH	2				2
* 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	3				3
* 89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	3				3
* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	3				3
* 89502105	REBUILD EXISTING SIGNAL HEAD, LED	EACH	3				3
* 89502200	MODIFY EXISTING CONTROLLER	EACH	2			2	
◇ * 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2				2
◇ 89502380	REMOVE EXISTING HANDHOLE	EACH	14				14
◇ 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	18				18
* A2000120	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	71	71			
* A2004824	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEY LOCUST), 3" CALIPER, BALLED AND BURLAPPED	EACH	71	71			
* A2007924	TREE, TILIA AMERICANA REDMOND (REDMOND AMERICAN LINDEN), 3" CALIPER, BALLED AND BURLAPPED	EACH	61	61			
* A2018720	TREE, ULMUS CARPINIFOLIA MORTON, (ACCOLADE ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	28	28			
* B2006320	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	19	19			
◇ LR430040	PAVING BRICK SIDEWALK	SQ YD	5625	5625			
◇ X0320870	BRACED EXCAVATION	CU YD	3247	3247			
◇ * X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO 14 1C	FOOT	3450				3450

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◇ * X0323153	ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1C (GREEN)	FOOT	2501				2501
◇ X0323221	PLUG AND ABANDON EXISTING PIPE	CU YD	8	8			
◇ X0324451	INSTALL WATER SERVICE COMPLETE	EACH	60		60		
◇ * X0325066	2955 LAYER 2 SWITCH	EACH	2				2
◇ * X0539800	TREE GRATES	EACH	25	25			
◇ X0712400	TEMPORARY PAVEMENT	SQ YD	650	650			
◇ X0919000	TEMPORARY PAVEMENT REMOVAL	SQ YD	650	650			
◇ * X8050010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	2				2
◇ * X8730320	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 20 3/C, TWISTED, SHIELDED	FOOT	1412				1412
◇ X0003518	CONNECTIONS TO EXISTING WATER MAINS (NON-PRESSURE) - 8"	EACH	2		2		
◇ X0003517	CONNECTIONS TO EXISTING WATER MAINS (NON-PRESSURE) - 6"	EACH	10		10		
◇ * X8700020	FIBER OPTIC CABLE IN CONDUIT, NO. 62 5/125, MM12F SM12F	FOOT	3450				3450
◇ * X0003661	ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	615				615
◇ X0004815	AGGREGATE SURFACE COURSE TYPE B, SPECIAL	TON	1550	1550			
◇ * X0004980	REOPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1				1
◇ X0005107	CONNECTIONS TO EXISTING WATER MAINS (NON-PRESSURE) - 12"	EACH	3		3		
◇ * X0005937	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	8				8
◇ * X0005940	REMOTE-CONTROLLED VIDEO SYSTEM	EACH	3				3
◇ X0005526	SANITARY MANHOLE, 8" DIA	EACH	1		1		
* X0005628	TREE, QUERCUS IMBRICARIA, (SHINGLE OAK) 2 1/2" CALIPER, BALLED AND BURLAPPED	EACH	50	50			
◇ * X0005723	VIDEO DETECTION SYSTEM COMPLETE INTERSECTION	EACH	2				2
◇ * X0005932	TRAFFIC SIGNAL POST, 16 FT SPECIAL	EACH	4				4
◇ * X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	2				2
◇ Z0001050	AGGREGATE SUBGRADE, 12"	SQ YD	31900				
◇ Z00057200	SANITARY SEWER 15"	FOOT	1800		1800		
◇ Z00057300	SANITARY SEWER 18"	FOOT	44		44		
◇ Z00057800	SANITARY SEWER 33"	FOOT	1935		1935		
◇ Z00067500	STEEL CASINGS 16"	FOOT	146		146		
◇ Z00067700	STEEL CASINGS 20"	FOOT	661		661		
◇ Z00067900	STEEL CASINGS 24"	FOOT	39		39		
◇ Z0076600	TRAINEES	hour	4,000	4,000			
◇ X0007005	CONTROLLED LOW-STRENGTH MATERIALS, SPECIAL	CU YD	710		710		
◇ X0007036	INSTALL SANITARY SERVICE COMPLETE	EACH	40		40		
◇ X0007057	SAFETY FENCE	FOOT	2820	2820			
◇ X0007058	CONNECTIONS TO EXISTING WATER MAINS (NON-PRESSURE) - 16"	EACH	2		2		
◇ * X0007059	STREET LIGHTING ASSEMBLY COMPLETE, TYPE F1	EACH	47				47
◇ * X0007060	STREET LIGHTING ASSEMBLY COMPLETE, TYPE F2	EACH	46				46
◇ * X0007061	STREET LIGHTING ASSEMBLY COMPLETE, TYPE F3	EACH	10				10
◇ * X0007062	STREET LIGHTS, TYPE F4, 400W MH	EACH	8				8

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REVISIONS		
NO.	ITEM	DATE

SCALE:	1 = 1
DRAWN BY:	WS
CHECKED BY:	DBD
DATE:	1-16-06

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SUMMARY OF QUANTITIES			
SHERIDAN ROAD IMPROVEMENTS			
CITY OF WAUKEGAN		LAKE COUNTY, ILLINOIS	
JOB NUMBER: 02-26-04-184		LAKE COUNTY, ILLINOIS	
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