

SPECIALTY ITEM	ITEM #	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES				
					ROADWAY J000-2A STU	ROADWAY J000-2A STA	HIGHWAY LIGHTING Y030-1E STU	ORCHARD RD. AT JERICHO ROAD Y030-1F STA	TRAFFIC SIGNAL SYSTEM Y031-1F STA
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	5					5
*	85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1				1	
*	86400100	TRANSCEIVER - FIBER OPTIC	EACH	1				1	
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	677				677	
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,245				1,245	
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	500				500	
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,696				2,696	
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,764				1,764	
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	111				111	
*	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4				4	
*	87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1				1	
*	87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1				1	
*	87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1				1	
*	87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1				1	
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16				16	
*	87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4				4	
*	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30				30	
*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	30				30	
*	87900200	DRILL EXISTING HANDHOLE	EACH	3					3
*	88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	8				8	
*	88500200	INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT	EACH	4				4	
*	88700200	LIGHT DETECTOR	EACH	2				2	
*	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1				1	
*	88800100	PEDESTRIAN PUSH-BUTTON	EACH	5				5	
*	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1				1	
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1				1	
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.7	0.3			
	Z0019600	DUST CONTROL WATERING	UNIT	25	25				
Δ	Z0076600	TRAINEES	HOUR	500	500				
*	A2000120	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2 1/2" CALIPER, BALLED AND BURLAPPED	EACH	10	10				
*	X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	103	103				
*	X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	14,629					14,629
*	X0323153	ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1C (GREEN)	FOOT	801				801	
*	X0323370	TRAFFIC SIGNAL BATTERY BACKUP	EACH	1				1	
*	X0323670	PREFORMED DETECTOR LOOP	FOOT	180				180	
	X0712400	TEMPORARY PAVEMENT	SQ YD	7,775	5,442	2,333			
	X0712600	TEMPORARY PAVEMENT RAMP	TON	60	60				
	X2510630	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	2,174	2,174				
	X3550300	BITUMINOUS BASE COURSE SUPERPAVE 6"	SQ YD	683	683				
	X3550500	BITUMINOUS BASE COURSE SUPERPAVE 8"	SQ YD	137	137				
	X3550610	BITUMINOUS BASE COURSE SUPERPAVE 9 1/2"	SQ YD	2,072	1,450	622			

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	X3560120	BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE 8 INCH	SQ YD	1,143					
	X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	356	100	256			
	X4066426	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70	TON	404	297	107			
	X4066548	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "E", N90	TON	410	286	124			
	X4066616	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70	TON	160		160			
	X4066658	POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N90	TON	389	283	106			
	X4067100	POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50	TON	590	525	65			
*	X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	1				1	
*	X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	14,749					14,749
*	X8801315	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED (SPECIAL)	EACH	2				2	
*	X8801405	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED (SPECIAL)	EACH	6				6	
*	X8801430	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED, SPECIAL	EACH	1				1	
*	X8801450	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED (SPECIAL)	EACH	2				2	
*	X8803950	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED, SPECIAL	EACH	2				2	
*	X8810400	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED, SPECIAL	EACH	4				4	
*	X8810500	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED, SPECIAL	EACH	1				1	
*	XX002856	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1					1
	XX003306	TRENCH DRAIN	FOOT	1,185	1,185				
	XX004075	FIELD TILE REPLACEMENT	FOOT	50	50				
*	XX005660	ELECTRIC CABLE IN CONDUIT NO. 20 3/8 TWISTED, SHIELDED	FOOT	322				322	
*	XX006257	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	160	160				
*	XX006516	POLYETHYLENE DUCT BORED AND PULLED, 1" DIA., WITH ELECTRIC CABLE, 600V (XLP-TYPE USE), 2-1/C NO. 4 AND 1/C NO. 6 GROUND	FOOT	5,000				5,000	
*	XX006673	RECESSED POLYUREA PAVEMENT MARKING, TYPE 2 - LINE 4"	FOOT	10148	7103	3045			
*	XX006674	RECESSED POLYUREA PAVEMENT MARKING, TYPE 2 - LINE 6"	FOOT	2681	1877	804			



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
KANE COUNTY DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION
SUMMARY OF QUANTITIES

SCALE: VERT. HORIZ. DATE: 11/04/05 DRAWN BY: RJN CHECKED BY: SPF

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