

# SUMMARY OF QUANTITIES

## CONSTRUCTION TYPE CODE 021

Δ=0042 \* SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL	RANDALL ROAD @ RED HAW/OAK CREST	RANDALL ROAD @ DEAN STREET	RANDALL ROAD @ IL 64	RANDALL ROAD @ OAK STREET	RANDALL ROAD @ PRAIRIE STREET	RANDALL ROAD @ IL 38	RANDALL ROAD @ BRICHER ROAD	RANDALL ROAD @ WILLIAMSBURG AVENUE	RANDALL ROAD @ KESLINGER/KANEVILLE	RANDALL ROAD @ FARGO BLVD	RANDALL ROAD @ CHRISTINA LANE	RANDALL ROAD @ GLEN EAGLE DRIVE	RANDALL ROAD @ FABYAN PARKWAY
* 42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	529	24	24	24	24	24	24	24	24	24	24	24	49	
* 44000600	SIDEWALK REMOVAL	SQ FT	25												25	
67100100	MOBILIZATION	L SUM	1													
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1													
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	48										13		35	
81400100	HANDHOLE	EACH	2										1		1	
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	48										13		35	
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	26	1	1	1	1	1	1	1	1	1	1	1	1	1
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	7				1					1	1		1	
85700505	FULL-ACTUATED CONTROLLER IN EXISTING CABINET, SPECIAL	EACH	15		1	1	1		1		1			1		
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 62 C	FOOT	290										230		60	
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	8										4		4	
88500100	INDUCTIVE LOOP DETECTOR	EACH	63					11					13	8	8	
88700200	LIGHT DETECTOR	EACH	2													
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1													
89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	6					1				1	1		1	
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	10	1	1	1	1		1	1	1			1		
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	220										210		10	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	25		1	1	1	1	1	1	1	1	1	1	1	1
X0325462	MEDIA CONVERTER	EACH	2													
X8050010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	2									1			1	
X8140074	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	74	7					8				7	8	8	
X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	17					1	1	1	1	1	1	1	1	
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C	FOOT	6842	599				660					236	657	633	628
XX007017	TERMINATE FIBER IN CABINET	EACH	162	6	6	12	6	6	12	6	6	6	6	6	6	12
XX007285	MODIFY VIDEO PROCESSING UNIT	EACH	8		1	1	1			1	1					
XX007948	FIBER OPTIC INTERCONNECT CENTER	EACH	15		1	1	1		1	1	1			1		
X 8710029	FIBER OPTIC CABLE IN CONDUIT, 24 SINGLE MODE	FOOT	10100													
XX008251	SPLICE FIBER IN CABINET	EACH	144	6	6	12	6	6	12	6	6	6	6	6	6	12
XX008392	OUTDOOR RATED NETWORK CABLE	FOOT	1107		124				245				144	156		
Δ 20076600	TRAINEES	HOUR	500													
XX007953	NETWORK CONFIGURATION	L SUM	1													
XX008450	UPGRADE EXISTING UPS BATTERY BACK-UP SYSTEM	EACH	5		1	1	1									
Z0033048	BATTERY BACK-UP SYSTEM WITH CABINET	EACH	22		1	1	1	1	1	1	1	1	1	1	1	
XX007251	INTERSECTION VIDEO TRAFFIC MONITORING SYSTEM WITH PTZ CAMERA	EACH	7		1				1			1		1		
XX008451	VIDEO ENCODER, PTZ VIDEO TRAFFIC MONITORING SYSTEM	EACH	1			1										
XX008253	VIDEO ENCODER	EACH	8		1	1	1			1	1					
XX008452	MAJFUNCTION MANAGEMENT UNIT	EACH	15		1	1	1		1	1	1			1		
XX008453	ETHERNET SWITCH, TYPE 1	EACH	20		1		1	1		1	1	1	1	1	1	
XX008454	ETHERNET SWITCH, TYPE 2	EACH	3			1			1							1

SURVEYED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 PLOTTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 STRUCTURE NOTATIONS: CHFD

PLAN NO. \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

PROFILE SURVEYED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 PLOTTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 STRUCTURE NOTATIONS: CHFD