

GENERAL NOTES

THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR LOCATION OF UTILITIES CALL J.U.L.I.E. TOLL-FREE NUMBER 1-800-892-0123 AND/OR NON-J.U.L.I.E. UTILITIES AT THE NUMBER GIVEN IN THE CONTRACT DOCUMENTS. A MINIMUM 48-HOUR ADVANCE NOTICE IS REQUIRED.

THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE, AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN, AND PREVENT THE UNDERMINING OF EXISTING UTILITIES AND SEWERS IN SERVICE. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF MOBILIZATION.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE CITY OF ELGIN TRAFFIC SIGNAL SUPERINTENDENT AT (847) 697-3160 PRIOR TO THE START OF ANY WORK ON THIS CONTRACT. A MINIMUM 72-HOUR ADVANCE NOTICE IS REQUIRED.

BASELINES SHOWN ARE TO THE C OF RIGHT-OF-WAY UNLESS OTHERWISE SHOWN.

ALL CONDUITS SHALL HAVE A MINIMUM OF 24-INCHES OF COVER.

ALL CONDUIT SPLICES ARE INCLUDED IN THE COST OF THE NEW CONDUIT BEING INSTALLED.

THE ACTUAL TYPE, SIZE AND LOCATION OF ALL PROPOSED CONCRETE FOUNDATIONS SHALL BE APPROVED BY THE CITY OF ELGIN PRIOR TO CONSTRUCTION OF THE FOUNDATIONS. ALL PROPOSED CONCRETE FOUNDATIONS SHALL BE MEASURED PRIOR TO POURING OF CONCRETE.

THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE SIGNS WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION OPERATIONS AND IN ACCORDANCE WITH ARTICLE 107.25.

WORK INVOLVING SIGNS SHALL ADHERE TO THE FOLLOWING:

- a) SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK REQUIRE IT.
- b) SIGNS REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH INTENDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR DURATION OF THE WORK.
- c) EXISTING SIGNS SHALL BE FINAL RELOCATED AS APPROVED BY THE ENGINEER.

ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR TRAFFIC AS CALLED FOR IN THE APPLICATION OF TRAFFIC CONTROL DEVICES, THE STANDARD SPECIFICATIONS AND THE PLANS.

ALL TYPE I AND II BARRICADES SHALL BE WEIGHTED DOWN WITH TWO SANDBAGS EACH.

EARTH EXCAVATION AND DISPOSAL OF SURPLUS MATERIAL REQUIRED FOR CONSTRUCTION WILL NOT BE PAID FOR, BUT SHALL BE INCLUDED IN THE COST OF THE ITEM CONSTRUCTED.

SAWCUTTING FOR REMOVAL ITEMS AS NOTED ON THE PLANS, SPECIFIED IN THE STANDARD SPECIFICATIONS, OR AS REQUIRED BY THE ENGINEER, SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FRESH CONCRETE FROM DAMAGE AND VANDALISM. ANY DAMAGED OR VANDALIZED CONCRETE SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTY, EXISTING SIDE STREETS, DRIVEWAYS, ALLEYS, AND PEDESTRIAN WALKWAYS AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT. AT ALL TIMES, PEDESTRIAN CROSSING SHALL BE PROVIDED IN EACH DIRECTION ACROSS ALL INTERSECTIONS ON BOTH SIDES.

SUMMARY OF QUANTITIES


PI #	ITEM DESCRIPTION	UNIT	QTY	CONSTRUCTION CODE	SPECIAL PROVISION
67100100	MOBILIZATION	L SUM	1	Y031-1F	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	Y031-1F	
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	Y031-1F	
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	50	Y031-1F	
81400100	HANDHOLE	EACH	1	Y031-1F	
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	9	Y031-1F	*
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1	Y031-1F	
85700500	FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	4	Y031-1F	*
86000100	MASTER CONTROLLER	EACH	1	Y031-1F	*
86400100	TRANSCEIVER - FIBER OPTIC	EACH	5	Y031-1F	
87900200	DRILL EXISTING HANDHOLE	EACH	2	Y031-1F	
88500100	INDUCTIVE LOOP DETECTOR	EACH	43	Y031-1F	
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	6	Y031-1F	*
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1923	Y031-1F	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	5	Y031-1F	*
X0323713	RADIO INTERCONNECT SYSTEM COMPLETE, LOCAL	EACH	1	Y031-1F	*
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	5374	Y031-1F	*
Z0033090	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	5374	Y031-1F	*

SCHEDULE OF QUANTITIES

KIMBALL SYSTEM			TOTAL QUANTITY	IL 31 AT KIMBALL QUANTITY	KIMBALL AT GROVE QUANTITY	KIMBALL AT DUNDEE QUANTITY	DUNDEE AT PARK QUANTITY	CENTER AT DIVISION QUANTITY	SYSTEM QUANTITY
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	0						
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.2	0.2	0.2	0.2	0.2	
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	50			50			
81400100	HANDHOLE	EACH	1			1			
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	5	1	1	1	1	1	
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1					1	
85700500	FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	0						
86000100	MASTER CONTROLLER	EACH	0						
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1					1	
87900200	DRILL EXISTING HANDHOLE	EACH	2				2		
88500100	INDUCTIVE LOOP DETECTOR	EACH	1					1	
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	2	1	1				
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	0						
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1					1	
X0323713	RADIO INTERCONNECT SYSTEM COMPLETE, LOCAL	EACH	0						
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	3451						3451
Z0033090	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	3451						3451

NATIONAL SYSTEM			TOTAL QUANTITY	IL 31 AT NATIONAL QUANTITY	NATIONAL AT GROVE QUANTITY	NATIONAL AT RAYMOND QUANTITY	NATIONAL AT VILLA QUANTITY	SYSTEM QUANTITY
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.25	0.25	0.25	0.25	
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	0					
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	0					
81400100	HANDHOLE	EACH	0					
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4	1	1	1	1	
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	0					
85700500	FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	4	1	1	1	1	
86000100	MASTER CONTROLLER	EACH	1		1			
86400100	TRANSCEIVER - FIBER OPTIC	EACH	4	1	1	1	1	
87900200	DRILL EXISTING HANDHOLE	EACH	0					
88500100	INDUCTIVE LOOP DETECTOR	EACH	42	10	13	8	11	
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	4	1	1	1	1	
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1923					1923
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4	1	1	1	1	
X0323713	RADIO INTERCONNECT SYSTEM COMPLETE, LOCAL	EACH	1					1
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	1923					1923
Z0033090	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1923					1923

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FILE NAME =	USER NAME =	DESIGNED -- DAY	REVISED -- 9-1-10	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ELGIN CBD TRAFFIC SIGNAL SYSTEM INTERCONNECT GENERAL NOTES AND SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE =	CHECKED -- RBG	REVISED --	1314				10-00181-00-TL	KANE	14	2	
PLOT DATE =	DATE -- 8-27-10	REVISED --	1326								
							CONTRACT NO. 63529				
							FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				