

SUMMARY OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	05-00395-00-TL	WILL	31	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 83992				

SUMMARY OF TRAFFIC SIGNAL QUANTITIES				ESSINGTON ROAD AT											
CODE NO.	ITEM	UNIT	TOTAL	U.S. RTE 52	GLENWOOD	BLACK	INGALLS	THEODORE	THOMAS HICKEY	FIDAY	VIMY RIDGE	CATON FARM	HENNEPIN	INTERCONNECT	
				(JEFFERSON ST.)	AVENUE	ROAD	AVENUE	STREET	AVENUE	ROAD	DRIVE	ROAD	DRIVE		
67100100	MOBILIZATION	L SUM	1												1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1												1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1												1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1												1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1												1
72000100	SIGN PANEL - TYPE I	SQ FT	12.62	0.97	1.46	1.94	1.46	1.94	0.24		0.73	1.94	1.94		
81000600	CONDUIT IN TRENCH, 2" DIA, GALVANIZED STEEL	FOOT	8,535					240					461		7,834
81000700	CONDUIT IN TRENCH, 2 1/2" DIA, GALVANIZED STEEL	FOOT	9				9								
81018500	CONDUIT PUSHED, 2" DIA, GALVANIZED STEEL	FOOT	1,149					45					52		1,052
81400100	HANDHOLE	EACH	15										2		13
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	8,544				9	240					461		7,834
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	10	1	1	1	1	1	1	1	1	1	1		
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	3			1	1					1			
85700305	FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1					1							
86000105	MASTER CONTROLLER (SPECIAL)	EACH	1						1						1
85900100	TRANSCEIVER	EACH	9		1	1	1	1	1	1	1	1	1		
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2,355	919	574		389	325	96		52				
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,174	955	451		425	343							
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	121	60			61								
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,377	489	226		152	510							
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3,435			645				785		639	1366		
X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	11,105												11,105
X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	11,105												11,105
XX003861	ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	823		195	97						101	230		
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2	1			1								
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	8	2	1		1	2							
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4				4								
87900100	DRILL EXISTING FOUNDATION	EACH	1					1							
87900200	DRILL EXISTING HANDHOLE	EACH	12				1						2		9
88000160	SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1	1											
88000280	SIGNAL HEAD, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2	2											
88100200	PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED	EACH	2	2											
88100400	PEDESTRIAN SIGNAL HEAD, 2-FACE, BRACKET MOUNTED	EACH	1	1											
88030050	SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1				1								
88030100	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3		1		1	1							
88030220	SIGNAL HEAD, L.E.D., 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1					1							
88102110	PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED	EACH	2					2							
88102140	PEDESTRIAN SIGNAL HEAD, L.E.D., 2-FACE, BRACKET MOUNTED	EACH	3		1		2								
88500100	INDUCTIVE LOOP DETECTOR	EACH	46			8	8	14		2		10	4		
88600100	DETECTOR LOOP, TYPE I	FOOT	113										113		
88700300	LIGHT DETECTOR AMPLIFIER	EACH	4			1	1	1				1			
88800100	PEDESTRIAN PUSH-BUTTON	EACH	34	4	4	8	5	8	1		1	3			
89502200	MODIFY EXISTING CONTROLLER	EACH	6		1				1	1	1	1	1		
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	5,266	1952	878	97	1180	1159							
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	6	1	1	1	1	1				1			
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1				1								
XX003665	REBUILD EXISTING HANDHOLE TO DOUBLE HANDHOLE	EACH	3							1		1	1		
X0323113	RADIO INTERCONNECT SYSTEM	EACH	1												1

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE."

NEW CABINETS SHALL HAVE FRONT AND BACK DOORS AND A SEPARATE CIRCUIT BREAKER FOR STREET LIGHTING.

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

PLANS PREPARED BY:
GEWALT HAMILTON
 ASSOCIATES, INC.
 Consulting Engineers & Surveyors
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 Vernon Hills, IL 60061
 (847) 478-9700
 (847) 478-9701 Fax

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

ESSINGTON ROAD FROM U.S. RTE 52 (JEFFERSON ST.) TO HENNEPIN DRIVE

SCALE: N.T.S.
 DATE: DECEMBER 7, 2007

DRAWN BY: LB
 DESIGNED BY: TCM
 CHECKED BY: BLS