



TRAFFIC SIGNALS SUMMARY OF QUANTITIES

LOCATION OF WORK			WILLOW @ IL R3 (WAUKEGAN RD)	WILLOW @ THREE LAKES/ FOX MEADOW DR	WILLOW @ SUNSET RIDGE RD	WILLOW @ WAGNER RD	WILLOW @ CLARKSON PARK/ PEDESTRIAN SIGNAL	WILLOW @ OLD WILLOW RD/ NORTHFIELD RD	WILLOW @ CENTRAL AVE/ HAPP RD	IL 43 @ THREE LAKES/ KRAFT TEMPORARY SIGNAL	WILLOW RD INTERCONNECT
ITEM	UNIT	GRAND TOTAL									
SIGN PANEL - TYPE 1	SO FT	73.5	73.5								
SIGN PANEL - TYPE 2	SO FT	30	30								
SERVICE INSTALLATION - GROUND MOUNTED	EACH	2	1	1							
SERVICE INSTALLATION - POLE MOUNTED	EACH	5			1	1	1	1	1		
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	13,695	1818	725	732	804	664	962	824		7166
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	436	89	39	52	37	70	57	92		
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	479	68	60	75	98	68	65	45		
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	3,433	866	587	411	430	110	434	595		
CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	90									90
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16"X12"X8"	EACH	2									2
HANDHOLE	EACH	36	4	4	4	4	3	4	4		9
HEAVY-DUTY HANDHOLE	EACH	23	4	3	4	4		4	4		
DOUBLE HANDHOLE	EACH	15	4	2	2	2	1	2	2		
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2									2
TRANSCEIVER - FIBER OPTIC	EACH	7	1	1	1	1	1	1	1		
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	14,662									14662
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	8,954	1660	1608	1274	1303	180	1308	1621		
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	12,894	2780	2545	1635	1679	290	1645	2320		
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	13,532	3943	2874	1197	1270	1052	1174	2022		
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	9,904	1802	923	1985	1523		1514	2157		
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	18,256	6328	1707	2460	2407	692	2154	2508		
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	749	80	45	60	113	115	234	102		
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	5,418	925	781	669	769	519	894	861		
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4	4								
STEEL MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1	1								
STEEL MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1	1								
STEEL MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1	1								
STEEL MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1	1								
CONCRETE FOUNDATION, TYPE A	FOOT	96	20	12	12	16	16	8	12		
CONCRETE FOUNDATION, TYPE C	FOOT	28	4	4	4	4	4	4	4		
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	51						37	14		
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	260	56	38	48	44	22	13	39		
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	25		25							
DRILL EXISTING HANDHOLE	EACH	3									3
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	50	12	9	6	6	4	6	7		
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1		1							
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	12			3	3		4	2		
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	24	4	2	5	4		4	5		
SIGNAL HEAD, LED, 2-FACE, 3 SECTION, BRACKET MOUNTED	EACH	2					2				
SIGNAL HEAD, LED, 2-FACE, 5 SECTION, BRACKET MOUNTED	EACH	2			1				1		
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	8	4	2		1			1		
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	38	8	4	6	8	2	4	6		
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6		2	1			2	1		
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	74	16	11	11	10	4	10	12		
INDUCTIVE LOOP DETECTOR	EACH	68	19	7	11	10	2	9	10		
DETECTOR LOOP, TYPE I	FOOT	93		93							
PREFORMED DETECTOR LOOP	FOOT	5,828	936	861	1007	901	118	931	1074		
* LIGHT DETECTOR	EACH	17	4	3	2	2	1	2	3		
* LIGHT DETECTOR AMPLIFIER	EACH	7	1	1	1	1	1	1	1		
PEDESTRIAN PUSH-BUTTON	EACH	50	8	8	8	8	2	8	8		
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	7	1	1	1	1		1	1	1	
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	6,542									6542
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	6	1	1	1	1		1	1		

* 100% VILLAGE COST