

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	114R-1	WILL	355	218
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

LOCATION OF WORK			IL RTE 59 & BLACK ROAD 80% FED 10% STATE 5% WILL CO 5% SHOREWOOD	IL RTE 59 & VERTIN BOULEVARD 100% SHOREWOOD	IL RTE 59 & WALMART ENTRANCE 100% JOLIET	IL RTE 59 & THEODORE STREET 80% FED 10% STATE 10% JOLIET	IL RTE 59 & VERMETTE CIRCLE 80% FED 10% STATE 10% JOLIET	IL RTE 59 & CATON FARM ROAD 80% FED 10% STATE 5% WILL CO 5% JOLIET	INTER-CONNECT 80% FED 20% STATE	EMERGENCY VEHICLE PREEMPTION EQUIPMENT	
SCHEDULE OF QUANTITIES			Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-3D	Y031-3D
PAY ITEM	UNIT	TOTAL									
SIGN PANEL - TYPE 1	50 FT	158	29	23	8	32	33	33			
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	12,179	555	526	651	512	555	979	8,401		
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	569	96	150	188	57		78			
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	338	39	39	10	54	154	42			
CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	20	10					10			
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	1,288	129	17	52	124	90	280	596		
CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	85	22	34		9		20			
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	2,109	530	185	223	425	269	477			
HANDHOLE	EACH	41	4	4	4	4	6	6	13		
HEAVY-DUTY HANDHOLE	EACH	19	4	2	1	4	4	4			
DOUBLE HANDHOLE	EACH	9	2	1	1	2	1	2			
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	13,122	700	715	870	623	704	1,109	8,401		
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4							4		
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	5	1	1	1	1	1				
FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1									
MASTER CONTROLLER (SPECIAL)	EACH	1							1		
TRANSCEIVER - FIBER OPTIC	EACH	6	1	1	1	1	1	1			
ELECTRIC CABLE IN TRENCH, SIGNAL, NO. 14 2C	FOOT	3,955	766	682	224	855	715	713			
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	9,227	1,991	1,142	745	1,700	1,818	1,831			
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	6,409	1,064	1,440	1,596	975	772	562			
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	10,918	2,799	767	552	1,958	1,822	3,020			
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	16,773	2,608	1,817	1,968	2,870	2,721	4,789			
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	247	32	45	24	35	31	80			
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1			1						
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2		1	1						
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	8	4			2		2			
STEEL MAST ARM ASSEMBLY AND POLE, 14 FT.	EACH	1		1							
STEEL MAST ARM ASSEMBLY AND POLE, 16 FT.	EACH	1			1						
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	2		1				1			
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	3			1	2					
STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1			1						
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1					1				
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	3			1		1	1			
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1		1							
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1		1							
STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1	1								
STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	2	2								
STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1	1								
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 30 FT. AND 38 FT.	EACH	1					1				
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 32 FT.	EACH	1			1						
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 34 FT. AND 30 FT.	EACH	1					1				
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 50 FT. AND 30 FT.	EACH	1				1					
CONCRETE FOUNDATION, TYPE A	FOOT	44	16	4	8	8		8			
CONCRETE FOUNDATION, TYPE C	FOOT	24	4	4	4	4	4	4			
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	102		20	15	27	30	10			
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	237	60	26	45	30	30	46			
DRILL EXISTING HANDHOLE	EACH	1							1		
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	20	4	4	4	3	4	1			
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5		2	3						
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4	2				2				
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	38	6	4	4	7	6	11			
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1		1							
SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4	2			1		1			
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2			1			1			
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	10		2	2	2	2	2			
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	16	4	2	3	4	3	3			
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	58	10	8	8	10	10	12			
INDUCTIVE LOOP DETECTOR	EACH	64	13	7	7	12	10	15			
LIGHT DETECTOR	EACH	12								4	8
LIGHT DETECTOR AMPLIFIER	EACH	6								2	4
PEDESTRIAN PUSH-BUTTON	EACH	24	4	5	2	5	4	4			
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	4	2	1				1			
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3,437							3,437		
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3	1	1				1			
REMOVE EXISTING HANDHOLE	EACH	23	8	2				9	4		
REMOVE EXISTING CONCRETE FOUNDATION	EACH	2	1					1			
REMOVE TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1				1					
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	15,405							15,405		
MAINTENANCE OF EXISTING TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1									
PREFORMED DETECTOR LOOP	FOOT	6,395	2,495	547	629	949	912	863			
PAINT NEW TRAFFIC SIGNAL POST	EACH	5	4*	1							
PAINT NEW MAST ARM POLE, UNDER 40 FEET	EACH	2		2							
OPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1							1		
PAINT NEW MAST ARM POLE, 40 FEET AND OVER	EACH	6	4*	2							
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	5	2	1		1		1			
SERVICE INSTALLATION - POLE MOUNTED	EACH	6	1	1	1	1	1	1			
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	15,405							15,405		
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	3,997	917	562	498	749	513	758			
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	2,204								694	1,510
TEMPORARY TRAFFIC SIGNAL INTERCONNECT	EACH	2	1					1			
REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	3,437							3,437		
UNINTERRUPTABLE POWER SUPPLY	EACH	6	1	1	1	1	1	1			
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 30 FT. AND 54 FT.	EACH	1			1			1			
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 48 FT. AND 28 FT.	EACH	1						1			
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 54 FT. AND 22 FT.	EACH	1						1			

* 100% OF THE COST WILL BE PAID BY VILLAGE OF SHOREWOOD

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REVISIONS	
NAME	DATE
REVISED IL59 ALIGN.	12/22/06

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TRAFFIC SIGNAL
SCHEDULE OF QUANTITIES**

ILLINOIS ROUTE 59

DRAWN BY BAR
DESIGNED BY FA
CHECKED BY KMM

SCALE: NONE
DATE 3/18/08