

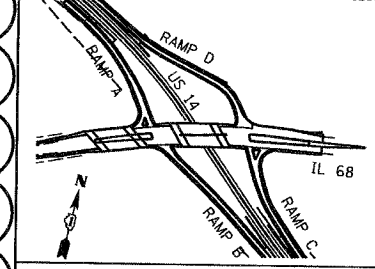
## TRAFFIC SIGNALS QUANTITIES

NOTE	ITEM	UNIT	GRAND TOTAL	ELA RD & IL 68	IL 68 RAMP A&B	IL 68 RAMP C&D	ELA RD & US 14	INTERCONNECT
	SIGN PANEL - TYPE 2	SQ METER	9.28		4.64	4.64		
	HANDHOLE	EACH	8		4	4		
	HEAVY-DUTY HANDHOLE	EACH	9		3	3		3
	DOUBLE HANDHOLE	EACH	2		1	1		
	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	3	1	1		1	
	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1			1		
	MASTER CONTROLLER	EACH	1					
	TRANSCEIVER - FIBER OPTIC	EACH	4	1	1	1	1	1
	DRILL EXISTING HANDHOLE	EACH	2					2
	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	20		10	10		
	INDUCTIVE LOOP DETECTOR	EACH	14		7	7		
	CONDUIT IN TRENCH, 50MM DIA., GALVANIZED STEEL	METER	936.10		141.6	202.8		591.7
	CONDUIT IN TRENCH, 65MM DIA., GALVANIZED STEEL	METER	110.80		43.2	67.6		
	CONDUIT IN TRENCH, 75MM DIA., GALVANIZED STEEL	METER	15.10		3.6	11.5		
	CONDUIT IN TRENCH, 125MM DIA., GALVANIZED STEEL	METER	14.00		7	7		
	CONDUIT PUSHED, 50MM DIA., GALVANIZED STEEL	METER	44.10				44.1	
	CONDUIT PUSHED, 100MM DIA., GALVANIZED STEEL	METER	217.10		120.8	96.3		
	CONDUIT PUSHED, 125MM DIA., GALVANIZED STEEL	METER	18.50				18.5	
	CONDUIT EMBEDDED IN STRUCTURE, 65MM DIA., PVC	METER	98.30		74.5	23.8		
	TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	1076.00		195.4	288.9		591.7
	ELECTRIC CABLE IN TRENCH, SERVICE, NO. 6 2 C	METER	34.40		13	21.4		
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	1637.00		925	712		
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	412.50		189	223.5		
	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	METER	1056.77		526	530.77		
	TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.25 METER	EACH	4		2	2		
	TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.85 METER	EACH	2		1	1		
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 8.53 METER	EACH	2		1	1		
	STEEL MAST ARM ASSEMBLY AND POLE 9.14 METER	EACH	1			1		
	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 8.53 METER AND 16.46	EACH	1			1		
	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 10.97 METER AND 6.09	EACH	1		1			
	STEEL MAST ARM ASSEMBLY AND POLE 16.46 METER	EACH	1		1			
	CONCRETE FOUNDATION, TYPE A	METER	7.20		3.6	3.6		
	CONCRETE FOUNDATION, TYPE C	METER	2.40		1.2	1.2		
	CONCRETE FOUNDATION, TYPE E 750MM DIAMETER	METER	24.30		10.1	14.2		
	DETECTOR LOOP, PREFORMED	METER	391.00		201	190		
	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	METER	1027.00					1027
1	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3/C	METER	374.72		150.3	224.42		
1	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3/C TWISTED SHIELDED	METER	375.08		150.6	224.48		
	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	METER	1027.00					1027
	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	METER	447.40		195	252.4		
	CONCRETE FOUNDATION, TYPE E 900MM DIAMETER	METER	13.20		8.6	4.6		
	SERVICE INSTALLATION, POLE MOUNTED	EACH	2		1	1		
	OPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1					1
	SIGNAL HEAD ,LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	18		9	9		
	SIGNAL HEAD ,LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	8		4	4		
	SIGNAL HEAD ,LED, 2-FACE 1 3-SECTION ,1 5-SECTION, BRACKET MOUNTED	EACH	2		1	1		
	SIGNAL HEAD ,LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2		1	1		
1	LIGHT DETECTOR	EACH	6		3	3		
1	LIGHT DETECTOR AMPLIFIER	EACH	2		1	1		
	JUNCTION BOX, NON-METALIC, EMBEDDED IN STRUCTURE, 300MM X 300MM X 150MM	EACH	0		0	0		
	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	1			1	
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 12.80 METER	EACH	1		1			
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 10.36 METER	EACH	1			1		
	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	1			1	

**NOTES**

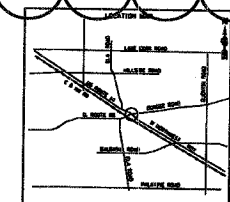
1. 100% COST TO VILLAGE OF PALATINE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	113
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-R & 70HB-R-1		62897		



KEY PLAN

Rick Johns  
 001 - District 01  
 0619.000 - IL 68 over US 14  
 P:\0619.000 - IL 68 over US 14\0619.000 - Summary of Quantities.dgn  
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REVISIONS	
NAME	DATE
ADDENDUM 2	02/15/07

TS-01 OF 13

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNALS QUANTITIES

SCALE NONE  
DATE NOVEMBER 2006

DRAWN BY R.P.J.  
DESIGNED BY I.B.  
CHECKED BY A.D.O.