

SUMMARY OF TRAFFIC SIGNAL QUANTITIES

PAY ITEM	UNIT	TOTAL QUANTITY	ILL 53 AT SOUTH RAMPS	ILL 53 AT NORTH RAMPS	INTERCONNECT
SIGN PANEL - TYPE 1	SQ FT	50	25	25	-
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	2093	769	900	424
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	593	418	175	-
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	118	64	54	-
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	694	241	294	159
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	820	392	428	-
HANDHOLE	EACH	17	8	9	-
HEAVY-DUTY HANDHOLE	EACH	2	1	1	-
DOUBLE HANDHOLE	EACH	2	1	1	-
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2793	1240	1129	424
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	-	-	2
FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	2	1	1	-
TRANSCIEVER - FIBER OPTIC	EACH	2	1	1	-
** ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1575	765	810	-
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	8840	3540	5300	-
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1085	285	800	-
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	8205	2825	5380	-
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	700	375	325	-
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	FOOT	2983	-	-	2983
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	3063	-	-	3063
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	3655	2175	1480	-
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	4	2	2	-
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT	EACH	1	1	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1	1	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1	1	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	2	-	2	-
STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	3	1	2	-
STEEL MAST ARM ASSEMBLY AND POLE, 52 FT	EACH	1	1	-	-
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1	-	1	-
CONCRETE FOUNDATION, TYPE A	FOOT	16	8	8	-
CONCRETE FOUNDATION, TYPE D	FOOT	8	4	4	-
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30	30	-	-
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	104	39	65	-
DRILL EXISTING HANDHOLE	EACH	2	-	-	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	24	12	12	-
INDUCTIVE LOOP DETECTOR	EACH	26	10	16	-
PREFORMED DETECTOR LOOP	FOOT	1421	575	846	-
DETECTOR LOOP, TYPE I	FOOT	1045	610	435	-
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2	1	1	-
** RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	4	2	2	-
** RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	2	1	1	-
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2762	-	-	2762
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	1	1	-
REMOVE EXISTING HANDHOLE	EACH	21	10	11	-
REMOVE EXISTING CONCRETE FOUNDATION	EACH	16	8	8	-
SIGNAL HEAD, L E D., 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	22	11	11	-
SIGNAL HEAD, L E D., 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4	2	2	-
SIGNAL HEAD, L E D., 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2	1	1	-
SIGNAL HEAD, L E D., 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2	1	1	-
SIGNAL HEAD, L E D., 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2	1	1	-
SERVICE INSTALLATION, POLE MOUNT	EACH	2	1	1	-
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1	-	-	1
** CONFORMATION BEACON	EACH	1	1	-	-
** RADIO ANTENNA	EACH	1	1	-	-
** GPS ANTENNA	EACH	1	1	-	-
** COAXIAL CABLE IN CONDUIT	FOOT	664	400	264	-

**Y031-3D - 100% COST TO THE VILLAGE OF BOLINGBROOK

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p align="center">SUMMARY OF TRAFFIC SIGNAL QUANTITIES</p> <p>SCALE: NONE DATE: DECEMBER, 2004</p> <p>DRAWN BY: RV DESIGNED BY: AZ CHECKED BY: AZ</p>

