



PROPOSED EMERGENCY VEHICLE PREEMPTORS								
EMERGENCY VEHICLE PREEMPTORS	3		4		5		6	
	SOUTH	NORTH	SOUTH	NORTH	SOUTH	NORTH	SOUTH	NORTH
INTERSECTION								
MOVEMENT								

EMERGENCY VEHICLE PREEMPTION SEQUENCE

TRAFFIC SIGNALS SCHEDULE OF QUANTITIES - IL ROUTE 59 AND I-88 RAMPS		
ITEM	UNIT	TOTAL
SIGN PANEL - TYPE 1	SQ FT	36
SIGN PANEL - TYPE 2	SQ FT	60
SERVICE INSTALLATION - GROUND MOUNTED	EACH	2
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	2142
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	1087
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	437
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	4380
CONDUIT ATTACHED TO STRUCTURE, 4" DIA., GALVANIZED STEEL	FOOT	1174
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	8
HANDHOLE	EACH	12
HEAVY-DUTY HANDHOLE	EACH	5
DOUBLE HANDHOLE	EACH	14
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	2
TRANSCEIVER - FIBER OPTIC	EACH	2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	11092
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	15492
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	33,771
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	623
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	19,108
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	4357
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 4 2 C	FOOT	340
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	221
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1 C	FOOT	4003
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	13
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	5
STEEL MAST ARM ASSEMBLY AND POLE, 20 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	3
STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	84
CONCRETE FOUNDATION, TYPE C	FOOT	8
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	20
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	96
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	22
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	18
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	14
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	24
INDUCTIVE LOOP DETECTOR	EACH	29
DETECTOR LOOP, TYPE I	FOOT	336
PREFORMED DETECTOR LOOP	FOOT	1002
* LIGHT DETECTOR	EACH	6
* LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	16
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2
REMOVE EXISTING HANDHOLE	EACH	33
REMOVE EXISTING DOUBLE HANDHOLE	EACH	3
REMOVE EXISTING CONCRETE FOUNDATION	EACH	17
FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1
CONTROLLER CABINET TYPE IV, SPECIAL	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2
ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1

* 100% COST TO THE CITY OF NAPERVILLE