

**SCHEDULE OF QUANTITIES**

QUANTITY	UNIT	ITEM
10	SQ FT	SIGN PANEL - TYPE 1
1121	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
126	FOOT	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL
90	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
43	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
131	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
85	FOOT	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL
30	FOOT	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL
187	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
2	EACH	HANDHOLE
6	EACH	HEAVY-DUTY HANDHOLE
1	EACH	DOUBLE HANDHOLE
1341	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1	EACH	TRANSCEIVER-FIBER OPTIC
935	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
1736	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
828	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
34	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
4	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.
16	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
15	FOOT	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER
15	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
2	EACH	SIGNAL HEAD, LED, 1-FACE, 1-SECTION, MAST ARM MOUNTED
3	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
3	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
5	EACH	TRAFFIC SIGNAL BACKPLATE
3	EACH	INDUCTIVE LOOP DETECTOR
2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER
241	FOOT	PREFORMED DETECTOR LOOP
1	EACH	SERVICE INSTALLATION, GROUND MOUNT
1	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS)
2035	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C (GREEN)
504	FOOT	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED
1005	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 4 2C

• 100% COST TO THE CITY OF ELMHURST

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

**CABLE PLAN**  
NOT TO SCALE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TRAFFIC SIGNAL INSTALLATION  
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO LAMPS	WATTAGE	OPERATION	TOTAL WATTAGE
SIGNAL (RED)	8	135	37	68.0
SIGNAL (YELLOW)	8	135	25	50.0
SIGNAL (GREEN)	8	135	16	30.0
ARROW	-	135	12	-
DEF. SIGNAL	-	90	25	-
CONTROLLER	1	100	100	100.0
ILLUM. SIGN	-	-	-	0.05
ARROW (GRN-THRU)	2	12	1.00	24.0
FLASHER	-	-	-	0.50
ENERGY COSTS TO:			TOTAL =	272

ILLINOIS DEPARTMENT OF TRANSPORTATION  
201 WEST CENTER STREET  
SCHAMBERG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: **COLETTE BOGDAN**  
PHONE: **(630) 691-4863**  
COMPANY: **COM ED - GLENBARD**

FILE NAME =	USER NAME = #USER#	DESIGNED - PKG	REVISED -
#FILE#		DRAWN - MAA, SHM	REVISED -
		CHECKED - PKG	REVISED -
		DATE -	REVISED -

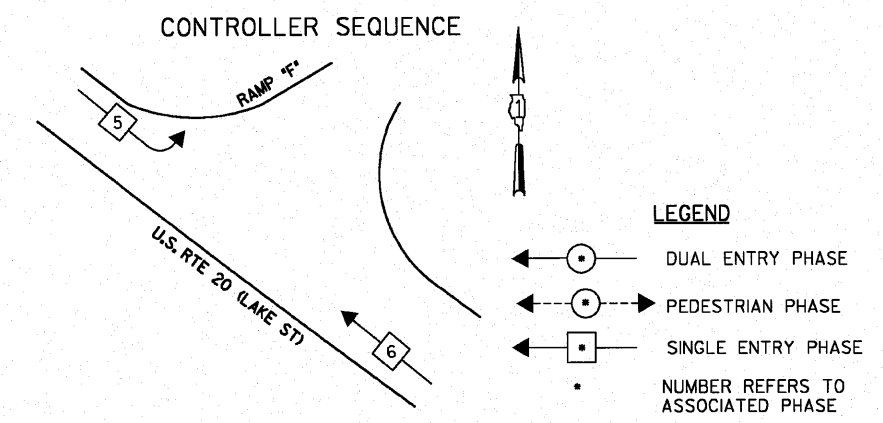
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

CABLE PLAN, PHASE DESIGNATION DIAGRAM,  
EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND  
SCHEDULE OF QUANTITIES. U.S. ROUTE 20 (LAKE STREET) AT RAMP "F"

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3537	(4) & (22) - 31R-2	DuPage	126	62093

FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT



**PROPOSED EMERGENCY VEHICLE PREEMPTORS**

EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	→	←