

I. D. O. T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	14	135	17	0.50	119
(YELLOW)	14	135	25	0.25	88
(GREEN)	18	135	15	0.25	68
ARROW	12	135	12	0.10	15
PED. SIGNAL	--	90	25	1.00	--
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		252	25	0.05	--
VIDEO SYSTEM		150	-	1.00	--
FLASHER LED					
TOTAL =					390

ENERGY COSTS- BILLED TO: IDOT DISTRICT 1
 201 WEST CENTER COURT
 SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY - CONTACT JOE STACHO
 PHONE 630-424-5704
 COMMONWEALTH EDISON

- ① REPLACE 14 FT. PAINTED POST, TYPE A CONCRETE FOUNDATION. RE-USE EXISTING
- ② REPLACE 15 FT. PAINTED POST, TYPE A CONCRETE FOUNDATION. RE-USE EXISTING
- ③ REPLACE 16 FT. PAINTED POST, TYPE A CONCRETE FOUNDATION. RE-USE EXISTING
- ④ REPLACE 18 FT. PAINTED POST, TYPE A CONCRETE FOUNDATION. RE-USE EXISTING

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

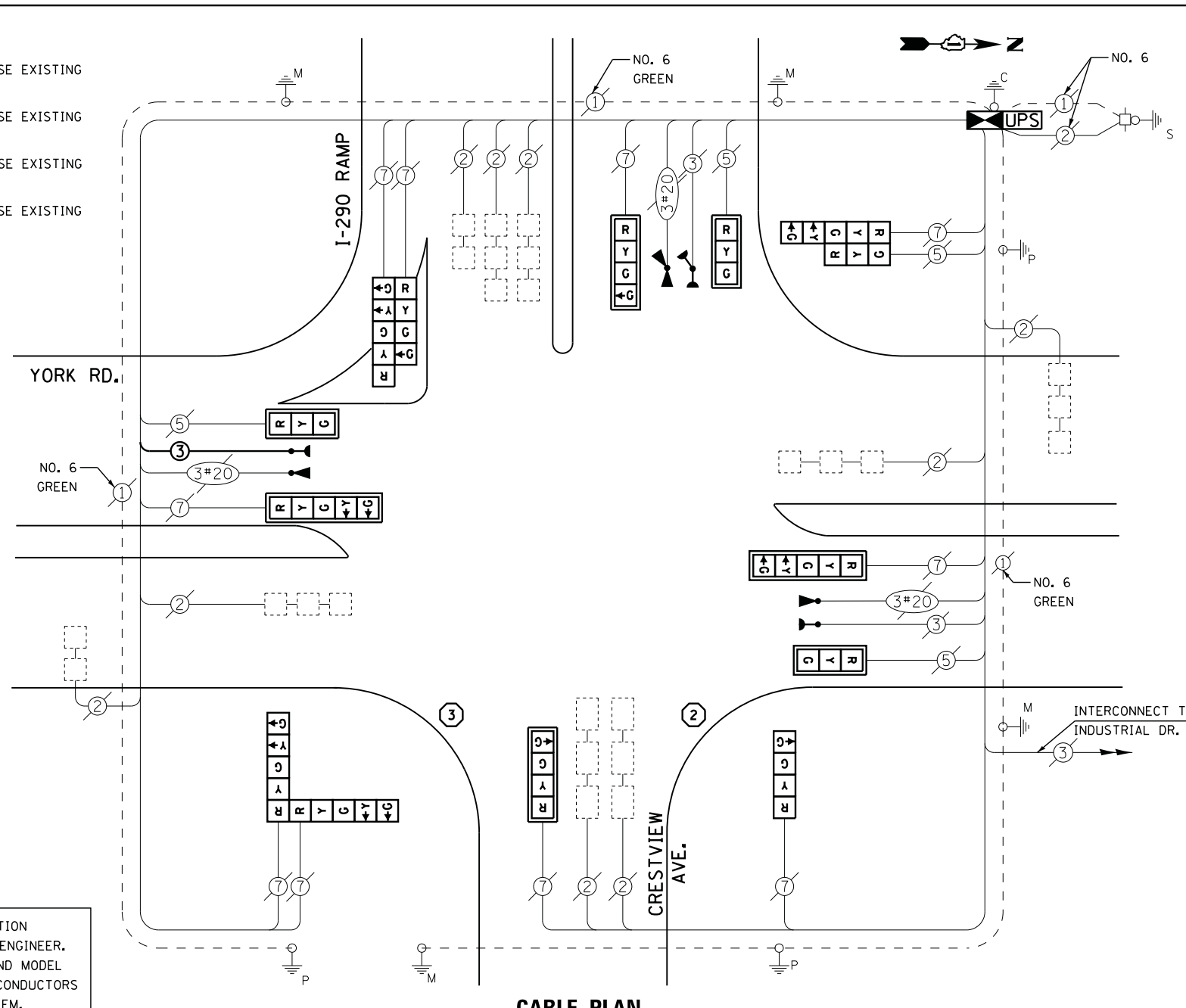
UPS SHALL BE INSTALLED ON LEFT SIDE OF CONTROLLER CABINET DUE TO PHYSICAL CONSTRAINT, OR AS DIRECTED BY THE ENGINEER

CONTRACTOR SHALL INSTALL NEW EMERGENCY VEHICLE PRE-EMPTION EQUIPMENT AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. EQUIPMENT USED SHALL BE OPTICOM 700 SERIES DETECTORS AND MODEL 452 DISCRIMINATORS. THE COST FOR ANY ADDITIONAL CABLES/CONDUCTORS SHALL BE INCLUDED IN THE LIGHT DETECTOR AMPLIFIER PAY ITEM.

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	TRANSCEIVER - FIBER OPTIC
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
3	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED
7	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
9	EACH	INDUCTIVE LOOP DETECTOR
* 3	EACH	LIGHT DETECTOR
* 1	EACH	LIGHT DETECTOR AMPLIFIER
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL

* 100% COST TO THE CITY OF ELMHURST



REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

- THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.
- AGENCY: CITY OF ELMHURST
- 3 EACH LIGHT DETECTOR AND BEACON
 - 1 EACH LIGHT DETECTOR AMPLIFIER
- THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.
- 3 EACH SIGNAL HEAD, 3 - SECTION
 - 3 EACH SIGNAL HEAD, 4 - SECTION
 - 2 EACH SIGNAL HEAD, 5 - SECTION
 - 1 EACH SIGNAL HEAD, 2 - FACE, 1-3 SECTION, 1-5-SECTION
 - 1 EACH SIGNAL HEAD, 2 - FACE, 1-4 SECTION, 1-5-SECTION
 - 1 EACH SIGNAL HEAD, 2 - FACE, 5 SECTION
 - 7 EACH TRAFFIC SIGNAL BACKPLATE
 - 2 EACH SIGNAL POST
 - 1 EACH CONTROLLER AND CABINET (COMPLETE)