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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.

TYPE A CONCRETE FOUNDATION.

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-NO. 6 REPLACE 14 FT. PAINTED POST. RE-USE EXISTING GREEN REPLACE 15 FT. PAINTED POST. RE-USE EXISTING RAMP REPLACE 16 FT. PAINTED POST. RE-USE EXISTING I-290 REPLACE 18 FT. PAINTED POST. RE-USE EXISTING ↓ Υ□ G↓ ←G YORK RD. **∝** ≻ ∪ NO. 6 GREEN **~** ≻ ∪ ` ↓ ↓ **₹** 0 ≺ 2 GREEN ດ ≺ z ~2)-i-INTERCONNECT TO ე 4.Υ ວ**+** ວ ≺ ສ INDUSTRIAL DR. 8 2 7 0 7 V **CABLE PLAN**

EMERGENCY VEHICLE PREEMPTION SEQUENCE

4

YORK RD.

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EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	
MOVEMENT	+	•	1	

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

ELECTRICAL SERVICE REGULATION					
TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL
		INCAND.	LED		WATTAGE
SIGNAL (RED)	14	1 35	1 7	0.50	119
(YELLOW)	14	1 35	25	0.25	88
(GREEN)	18	1 35	15	0.25	68
ARROW	12	1 35	12	0.10	15
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	1 00	1.00	100
ILLUM. SIGN		252	25	0.05	
VIDEO SYSTEM		150	ı	1.00	-
FLASHER LED					

ENERGY COSTS-

BILLED TO: IDOT DISTRICT 1

201 WEST CENTER COURT SCHAUMBURG, IL 60196-1096

TOTAL =

390

DW

JDH

КММ

DESIGNED

CHECKED

DRAWN

DATE

ENERGY SUPPLY -

N:\Projects3\12062\DesignCAD\Sheet File

FILE NAME =

CONTACT JOE STACHO 630-424-5704 PHONE

USER NAME = \$USER\$

PLOT DATE = 2/5/2013

s 5990_CAB_DUPAGE.dan

COMMONWEALTH EDISON

SCHEDULE OF QUANTITIES

<u>QUANTITY</u>	<u>UNIT</u>	ITEM
	<u> </u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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
i	EACH	SIGNAL HEAD, LED. 2-FACE. 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
i	EACH	SIGNAL HEAD, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED
7		TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
9		INDUCTIVE LOOP DETECTOR
* 3	EACH	LIGHT DETECTOR
* 1	EACH	LIGHT DETECTOR AMPLIFIER
Λ I		REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1		
1		FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL

* 100% COST TO THE CITY OF ELMHURST

REVISED

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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.

EACH SIGNAL HEAD, 3 - SECTION SIGNAL HEAD, 4 - SECTION FACH SIGNAL HEAD, 5 - SECTION

SIGNAL HEAD, 2 - FACE, 1-3 SECTION, 1-5-SECTION FACH SIGNAL HEAD, 2 - FACE, 1-4 SECTION, 1-5-SECTION EACH

SIGNAL HEAD, 2 - FACE, 5 SECTION FACH

EACH TRAFFIC SIGNAL BACKPLATE EACH SIGNAL POST

SCALE: N.T.S.

CONTROLLER AND CABINET (COMPLETE) EACH

TS# 5990 **ELMHURST**

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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

YORK ROAD AT 1-290 RAMP/CRESTVIEW AVENUE SECTION COUNTY SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM 2012-082TS DUPAGE 88 20 AND EMERGENCY VEHICLE PREEMPTION SEQUENCE CONTRACT NO. 60W00 SHEET NO. OF SHEETS STA