

EMERGENCY VEHICLE PREEMPTION SEQUENCE

I. D. O. T.

TRAFFIC SIGNAL INSTALLATION					
ELECTRICAL SERVICE REQUIREMENTS					
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)	14	1 35	15	0.25	53
ARROW	4	1 35	12	0.10	5
PED. SIGNAL	2	90	25	1.00	50
CONTROLLER	1	100	1 00	1.00	100
ILLUM. SIGN		252	25	0.05	
VIDEO SYSTEM		150	ļ	1.00	
FLASHER LED					
				TOTAL =	415

ENERGY COSTS-

BILLED TO: IDOT DISTRICT 1

201 WEST CENTER COURT SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY -CONTACT TERRI BLECK

PHONE

847-816-5239 COMMONWEALTH EDISON

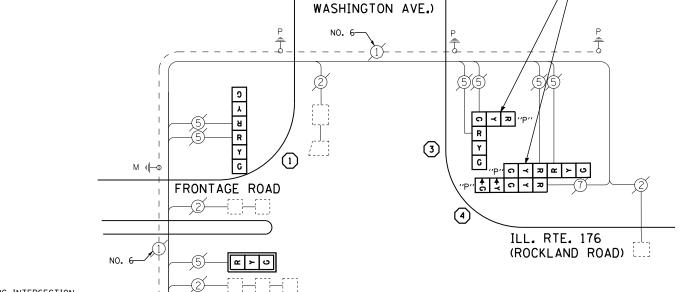
DUAL ENTRY PHASE PEDESTRIAN PHASE

SINGLE ENTRY PHASE

NUMBER REFERS TO ASSOCIATED PHASE

CONTRACTOR SHALL RELOCATE EXISTING SIGN PANELS FROM PAINTED POSTS THAT ARE INDICATED FOR REPLACEMENT TO A NEW POSTS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE COST OF REMOVAL, RELOCATION AND ANY NEW MOUNTING HARDWARE NECESSARY TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE TRAFFIC SIGNAL POST, GALVANIZED STEEL PAY ITEM OF THE LENGTH AS SPECIFIED IN THE PLANS.

- REPLACE 14 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.
- REPLACE 15 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.
- REPLACE 16 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.
- REPLACE 18 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.



U.S. RTE. 41 EAST RAMP

(SKOKIE VALLEY RD./

EXISTING INTERSECTION -AND PROPOSED SAMPLING (SYSTEM) DETECTORS

INTERCONNECT TO U.S. RTE. 41 WEST RAMP (SHAGBARK RD./WASHINGTON AVE.)

TRACER CABLE

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CABLE PLAN

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SCHEDULE OF QUANTITIES

QUANTITY	<u>UNIT</u>	<u>ITEM</u>
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
ī	EACH	TRAFFIC SIGNAL POST. GALVANIZED STEEL 14 FT.
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.
2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
3	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
3	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
2	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL
1	EACH	COMBINATION SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION OPTICALLY PROGRAMMED,
		1-3 SECTION, BRACKET MOUNTED
1	EACH	COMBINATION SIGNAL HEAD, LED, 3-FACE, 1-3 SECTION OPTICALLY PROGRAMMED,
		1-5 SECTION OPTICALLY PROGRAMMED, 1-3 SECTION, BRACKET MOUNTED

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

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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.

SIGNAL HEAD, 3 - SECTION SIGNAL HEAD, 5 - SECTION 12 EACH FACH

PEDESTRIAN SIGNAL HEAD FΔCH EACH PEDESTRI AN PUSH-BUTTON

EACH SIGNAL POST

TRAFFIC SIGNAL BACKPLATE EACH

> TS# 12275 LAKE BLUFF

TRACER CABLE

\INTERCONNECT TO ILL. 131 (GREENBAY RD.)

FILE NAME = DESIGNED REVISED USER NAME = \$USER\$ DW N:\Projects3\12004\DesignCAD\Sheet Fil s 12-001 Sheets SE Lake Co\12275_CAB_LAKE.do DRAWN JDH REVISED CHECKED KMM REVISED PLOT DATE = 3/28/2012 DATE REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** US RTE. 41 AT IL RTE. 176 (ROCKLAND RD.) EAST RAMP - CABLE PLAN, SCHEDULE OF QUANTITIES, PHASE DESIGN. DIAGRAM & EVP SEQUENCE SCALE: N.T.S. SHEET NO. OF SHEETS STA.

SECTION COUNTY 2012-003 I LAKE 102 101 CONTRACT NO. 60T41

-FRONTAGE ROAD

SIGNAL HEADS