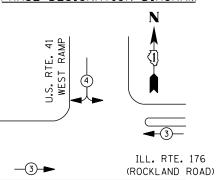


#### **LEGEND**

DUAL ENTRY PHASE PEDESTRIAN PHASE SINGLE ENTRY PHASE

NUMBER REFERS TO ASSOCIATED PHASE

### PHASE DESIGNATION DIAGRAM



(1)	REPLACE 14 FT. PAINTED POST.	RE-USE EXISTING
$\smile$	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.

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.

#### EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTORS						
EMERGENCY VEHICLE PREEMPTOR	3 4					
MOVEMENT	↓↑	<b>*</b>				

1. D. O. 1.										
TRAFFIC SIGNAL INSTALLATION										
	ELECTRICAL SERVICE REQUIREMENTS									
TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL					
		INCAND.	LED		WATTAGE					
SIGNAL (RED)	11	1 35	17	0.50	94					
(YELLOW)	11	1 35	25	0.25	69					
( GREEN)	11	1 35	15	0.25	41					
ARROW	4	1 35	12	0.10	5					
PED. SIGNAL	2	90	25	1.00	50					
CONTROLLER	1	1 00	100	1.00	100					
ILLUM. SIGN		252	25	0.05						
VIDEO SYSTEM		150	-	1.00						

ENERGY COSTS-

FLASHER LED

BILLED TO: IDOT DISTRICT 1

201 WEST CENTER COURT SCHAUMBURG, IL 60196-1096

TOTAL =

359

CONTACT TERRI BLECK ENERGY SUPPLY -

847-816-5239 PHONE COMMONWEALTH EDISON

# SCHEDULE OF QUANTITIES

00		<del>501125</del>
YTITMAUC	UNIT	ITEM
1 1 1 1 2 1 3 2 1 2 1 2 4 2	EACH EACH EACH EACH EACH EACH EACH EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT. TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED OCOMBINATION SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION OPTICALLY PROGRAMMED, 1-5 SECTION, BRACKET MOUNTED PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION OPTICALLY PROGRAMMED, 1-5 SECTION, BRACKET MOUNTED PEDESTRIAN PUSH-BUTTON MODIFY EXISTING CONTROLLER CABINET REMOVE EXISTING CONTROLLER CABINET REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT UNINTERRUPTABLE POWER SUPPLY, SPECIAL
1	LACII	SMINIERRO PADEE FONER SOFFET, SFEGRE

TRACER CABLE -

INTERCONNECT TO

ILL. RTE. 43 (WAUKEGAN RD.)

## REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

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, 5 - SECTION FACH
- EACH PEDESTRIAN SIGNAL HEAD EACH PEDESTRIAN PUSH-BUTTON
- EACH SIGNAL POST

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

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NO. 6

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CABLE PLAN

**₽** C

ILL. ROUTE 176

(ROCKLAND ROAD)

**2** ≻ ∪

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**12 → 13** ′′P′

TRAFFIC SIGNAL BACKPLATE EACH

		TS# 12 LAKE B		
F.A.	CECTION	COLINITY	TOTAL	SHI

FRONTAGE ROAD

\_5<u>~~</u>∪"P"

-EXISTING INTERSECTION

AND PROPOSED SAMPLING (SYSTEM) DETECTOR

-TRACER CABLE

U.S. RTE. 41 EAST RAMP

(SKOKIE VALLEY RD/

WASHINGTON AVE.)

▓▗▄▗▃▗░़

(3)

FILE NAME =	USER NAME = \$USER\$	DESIGNED	-	DW	REVISED	-
N:\Projects3\12004\DesignCAD\Sheet Files	12-001 Sheets SE Lake Co\12280_CAB_LAKE.dgn	DRAWN	-	JDH	REVISED	-
	PLOT SCALE = \$SCALE\$	CHECKED	-	KMM	REVISED	-
	PLOT DATE = 3/28/2012	DATE	_		REVISED	-

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

									J_ U	
US RTE. 41 AT IL RTE. 176 (ROCKLAND ROAD) WEST RAMP - CABLE PLAN, F.A. SECTION COUNTY SHEETS NO.									SHEET NO.	
							2012-003 I	LAKE	102	102
SCHEDULE OF QUANTITIES, PHASE DESIGN. DIAGRAM & EVP SEQUENCE								CONTRAC	T NO. 6	50T41
SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AI	D PROJECT		