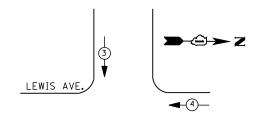
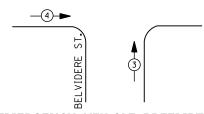


## **PHASE DESIGNATION DIAGRAM**





## **EMERGENCY VEHICLE PREEMPTION SEQUENCE**

EMERGENCY VEHICLE PREEMPTORS								
EMERGENCY VEHICLE PREEMPTOR	3	4						
MOVEMENT	<b>←</b>	<b>†</b>						

I. D. O. T.												
TRAFFIC SIGNAL INSTALLATION												
ELECTRICAL SERVICE REQUIREMENTS												
TYPE	NO. LAMPS WATTAGE		TAGE	% OPERATIONS	TOTAL							
		INCAND.	LED		WATTAGE							
SIGNAL (RED)	16	1 35	17	0.50	136							
(YELLOW)	16	1 35	25	0.25	100							
( GREEN)	16	1 35	15	0.25	60							
ARROW	16	1 35	12	0.10	19							
PED. SIGNAL	8	90	25	1.00	200							
CONTROLLER	1	1 00	1 00	1.00	100							
ILLUM. SIGN		252	25	0.05								
VIDEO SYSTEM	1	150	-	1.00	150							
FLASHER LED												

BILLED TO: CITY OF WAUKEGAN ENERGY COSTS-

ENERGY SUPPLY -

100 N. MARTIN LUTHER KING JR. AVE

WAUKEGAN, IL 60085

CONTACT TERRI BLECK PHONE

847-816-5239 COMMONWEALTH EDISON

QUANTITY <u>UNIT</u> TOTAL = 765

SCHEDULE OF QUANTITIES

FOOT UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA. MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION DRILL EXISTING HANDHOLE EACH MODIFY EXISTING CONTROLLER CABINET REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT EACH EACH UNINTERRUPTABLE POWER SUPPLY, GROUND MOUNTED PEDESTRIAN PUSH-BUTTON, NON-LATCHING

-TRACER CABLE NO. ( TRACER CABLE INTERCONNECT TO WASHINGTON ST. INTERCONNECT TO DUGDALE RD. LEWIS AVE. EXISTING INTERSECTION AND SAMPLING (SYSTEM) DETECTORS EXISTING INTERSECTION AND SAMPLING (SYSTEM) DETECTORS R F C ELVIDERE -TRACER CABLE INTERCONNECT TO EXISTING INTERSECTION AND GLEN ROCK AVE. SAMPLING (SYSTEM) DETECTORS **CABLE PLAN** 

EXISTING INTERSECTION AND

SAMPLING (SYSTEM) DETECTORS

TRACER CABLE

INTERCONNECT TO BELVIDERE MALL ENT

2" UNDERGROUND CONDUIT, GALVANIZED STEEL

PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4
PUSH BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8
PUSH BUTTON "D" SHALL PLACE A CALL IN PHASES 8 AND 2

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT

UPS SHALL BE INSTALLED ON A SEPARATE FOUNDATION DUE TO PHYSICAL CONSTRAINTS, OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "UNINTERRUPTIBLE POWER SUPPLY, GROUND MOUNTED".

**→**②→ Z

## REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

5 EACH PEDESTRIAN PUSH-BUTTON

TS# 14940 WAUKEGAN

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	DW	REVISED -		BELVIDERE ST AT LEWIS AVENUE				F.A.	SECTION	COUNTY	TOTAL	SHEET	
N:\Projects3\12004\DesignCAD\Sheet Files	12-002 Sheets NE Lake Co\14940_CAB_LAKE.dg		JDH	REVISED -	STATE OF ILLINOIS	SCHE	SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM				2012-004 I	LAKE	97	77	
	PLOT SCALE = \$SCALE\$	CHECKED -	КММ	REVISED -	DEPARTMENT OF TRANSPORTATION	AND EMERGENCY VEHICLE PREEMPTION SEQUENCE  SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.				CE			CONTRAC	T NO. f	60T42
	PLOT DATE = 5/16/2012	DATE -		REVISED -						TO STA.		ILLINOIS FED. AI	D PROJECT		