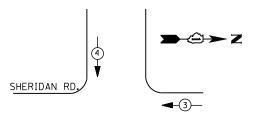
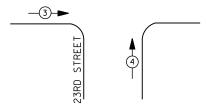


PHASE DESIGNATION DIAGRAM





EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTORS							
EMERGENCY VEHICLE PREEMPTOR	3	4					
MOVEMENT	—	 					

TRAFFIC SIGNAL INSTALLATION							
ELECTRICAL SERVICE REQUIREMENTS							
TYPE	NO. LAMPS	WAT	TAGE	% OPERATIONS	TOTAL		
		INCAND.	LED		WATTAGE		
SIGNAL (RED)	12	1 35	1 7	0.50	102		
(YELLOW)	12	1 35	25	0.25	75		
(GREEN)	12	1 35	15	0.25	45		
ARROW	8	1 35	12	0.10	10		
PED. SIGNAL	8	90	25	1.00	200		
CONTROLLER	1	100	100	1.00	100		
ILLUM. SIGN		252	25	0.05			
VIDEO SYSTEM		150	-	1.00	1		
FLASHER LED							
				TOTAL =	532		

I. D. O. T.

ENERGY COSTS-

ENERGY SUPPLY -

BILLED TO: CITY OF ZION

2828 SHERIDAN RD

ZION, IL 60099

CONTACT TERRI BLECK PHONE

847-816-5239 COMMONWEALTH EDISON

SCHEDULE OF QUANTITIES

<u>QUANTITY</u>	<u>UNIT</u>	<u>ITEM</u>
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
4	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL
2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT
2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT
2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT
2	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT
2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT
7	EACH	PEDESTRIAN PUSH-BUTTON, NON-LATCHING

TRACER CABLE

INTERCONNECT TO SHILOH (25TH ST.)

SHERIDAN ROAD

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.

8 EACH PEDESTRIAN SIGNAL HEAD 7 EACH PEDESTRIAN PUSH-BUTTON

23RD STREET

G A

||د| - | ع|

~ × v * v

o **≥**

CABLE PLAN

PUSH BUTTON "B" SHALL PLACE A CALL IN PHASED 4 AND 6.

R R

« > U > Q

R Y G

↑ ↑ O ≺ ₽

 $D \rightarrow U$

C ≺ 20

Y Y

≫ (

TS# 20902 ZION

 $\Rightarrow \Leftrightarrow z$

- TRACER CABLE

INTERCONNECT TO ILL. RTE. 173/21ST ST.

RETROFIT ALL EXISTING SIGNAL HEADS TO L.E.D.

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	DW	REVISED -		IL ROUTE 137 (SHERIDAN RD) AT 23RD STREET Schedule of Quantities, Cable Plan, Phase designation diagram and emergency vehicle preemption sequence		F.A.	SECTION	COUNTY	TOTAL SHEET
N:\Projects3\12004\DesignCAD\Sheet Files	12-002 Sheets NE Lake Co\20902_CAB_LAKE.d	1	JDH	REVISED -	STATE OF ILLINOIS				2012-004 I	LAKE	97 94
	PLOT SCALE = \$SCALE\$	CHECKED -	КММ	REVISED -	DEPARTMENT OF TRANSPORTATION				CONTRACT NO. 60T42		
	PLOT DATE = 5/16/2012	DATE -		REVISED -		SCALE: N.T.S.	SHEET NO. OF SHEETS STA. TO STA.		ILLINOIS FED.	AID PROJECT	