

### **LEGEND**

DUAL ENTRY PHASE PEDESTRIAN PHASE

SINGLE ENTRY PHASE

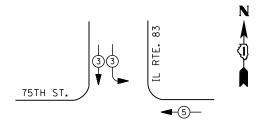
NUMBER REFERS TO ASSOCIATED PHASE

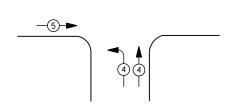
TURN	OVERLAP	PHASE	DESIGNATION	Ŋ		
AP	PERMISS	SIVE	PROTECTED			
7	PHASE		PHASE			
=	2	+	3			
=	4	+	5			
=	6	+	7			
	AP	AP PERMISS PHASE 2 4	AP PERMISSIVE PHASE  = 2 + = 4 +	R PHASE PHASE = 2 + 3 = 4 + 5		

8

D

## PHASE DESIGNATION DIAGRAM





## **EMERGENCY VEHICLE PREEMPTION SEQUENCE**

EMERGENCY VEHICLE PREEMPTORS								
EMERGENCY VEHICLE PREEMPTOR	3	4	5					
MOVEMENT	<b> </b>	<b>*</b>	<del></del>					

		I. D. O	. T.						
TRAFFIC SIGNAL INSTALLATION									
ELECTRICAL SERVICE REQUIREMENTS									
TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL				
		INCAND.	LED		WATTAGE				
SIGNAL (RED)	18	1 35	17	0.50	153				
(YELLOW)	18	1 35	25	0.25	113				
( GREEN)	18	1 35	15	0.25	68				
ARROW	24	1 35	12	0.10	29				
PED. SIGNAL	6	90	25	1.00	150				
CONTROLLER	1	100	100	1.00	100				
ILLUM. SIGN		252	25	0.05					
VIDEO SYSTEM		150	-	1.00					
FLASHER LED									

ENERGY COSTS-

BILLED TO: IDOT DISTRICT 1

201 WEST CENTER COURT SCHAUMBURG, IL 60196-1096

TOTAL =

613

ENERGY SUPPLY -

CONTACT ILYAS MOHIUDDIN PHONE 708-235-2692

COMMONWEALTH EDISON

# **SCHEDULE OF QUANTITIES**

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

NO. 12 —

-QVIPS

INTERCONNECT TO

IL RTE. 83/ELM ST.

TRACER CABLE

75TH ST.

NO. 6-

GREEN

NO. 12 —

NOTE: USH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6

**CABLE PLAN** 

NO. 6

GREEN

## REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

83

TRACER CABLE

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.

6 EACH PEDESTRIAN SIGNAL HEAD 4 EACH PEDESTRIAN PUSH-BUTTON

TS# 570 WILLOWBROOK

INTERCONNECT TO IL RTE 83./MIDWAY DR.

-NO. 6

GREEN

										MILL	OMRK	ROOK
FILE NAME =	USER NAME = \$USER\$	DESIGNED -	DW	REVISED -		IL ROUTE 83 AT 75TH STREET SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE  SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.		F.A.	SECTION	COUNTY	TOTAL	SHEET
N:\Projects3\12062\DesignCAD\Sheet Files	570_CAB_DUPAGE.dgn	DRAWN -	JDH	REVISED -	STATE OF ILLINOIS			100	2012-082TS	DUPAGE	88	85
	PLOT SCALE = \$SCALE\$	CHECKED -	КММ	REVISED -	DEPARTMENT OF TRANSPORTATION					CONTRACT	T NO. E	50WOO
	PLOT DATE = 2/5/2013	DATE -		REVISED -					ILLINOIS FED. AID PROJECT			