

US RTE 45

-1-

-6-**►**



DUAL ENTRY PHASE PEDESTRIAN PHASE SINGLE ENTRY PHASE

NUMBER REFERS TO ASSOCIATED PHASE

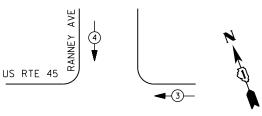
PHASE DESIGNATION DIAGRAM

CONTROLLER SEQUENCE

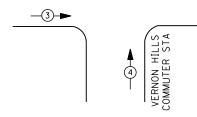
4-2)-

_(5)-

4



4



EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTORS						
EMERGENCY VEHICLE PREEMPTOR	3	4				
MOVEMENT	—	↓ †				

I. D. O. T. TRAFFIC SIGNAL INSTALLATION FLECTRICAL SERVICE REQUIREMENTS

ELECTRICAL SERVICE REQUIREMENTS							
TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL		
		INCAND.	LED		WATTAGE		
SIGNAL (RED)	13	1 35	17	0.50	111		
(YELLOW)	13	1 35	25	0.25	81		
(GREEN)	13	1 35	15	0.25	49		
ARROW	8	1 35	12	0.10	10		
PED. SIGNAL	4	90	25	1.00	100		
CONTROLLER	1	100	1 00	1.00	100		
ILLUM. SIGN		252	25	0.05			
VIDEO SYSTEM		150	-	1.00			
FLASHER LED							
				TOTAL =	451		

ENERGY COSTS-

BILLED TO: VILLAGE OF VERNON HILLS 290 EVERGREEN DRIVE

VERNON HILLS, IL 60061 ENERGY SUPPLY -CONTACT TERRI BLECK

PHONE 847-816-5239

COMMONWEALTH EDISON

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.

4 EACH PEDESTRIAN SIGNAL HEAD

4 EACH PEDESTRIAN PUSH-BUTTON

SCHEDULE OF QUANTITIES

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

CONTRACTOR SHALL REPLACE BROKEN MOUNTING BRACKETS AT ALL RETROFIT SIGNAL HEADS OR AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CORRESPONDING SIGNAL HEAD, LED, RETROFIT PAY ITEM OF THE TYPE AND NUMBER OF SIGNAL HEADS, FACES, AND SECTIONS AS SPECIFIED IN THE PLANS.

RETROFIT ALL EXISTING

SIGNAL HEADS TO L.E.D.

TS# 6657 VERNON HILLS

INTERCONNECT TO FAIRWAY DRIVE/

PRAIRIE AVENUE

TRACER CABLE

FILE NAME = USER NAME = \$USER\$ DESIGNED REVISED DW N:\Projects3\12004\DesignCAD\Sheet Files 12-001 Sheets SE Lake Co\06657_CAB_LAKE.do DRAWN JDH REVISED CHECKED KMM REVISED REVISED PLOT DATE = 3/28/2012 DATE

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

NO. 6-

U.S. ROUTE 45

INTERCONNECT TO DEERPATH DRIVE

TRACER CABLE

U.S. RTE. 45 & RANNEY AVENUE /COMMUTER STATION — CABLE PLAN SCHEDULE OF QUANTITIES, PHASE DESIGN. DIAGRAM & EVP SEQUENCE							SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
							2012-003 I	LAKE	102	40
								CONTRAC	T NO. 6	SOT41
SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. A	D PROJECT		

RANNEY AVENUE

R Y G

2 > 0 → 0

7-----

Y

C K

VERNON HILLS

COMMUTER STATION

CABLE PLAN

G

G

↑ ↑ ∩ ≺ ¬

↑ ↑ 0 ≺ ₽

B