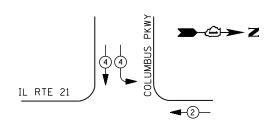
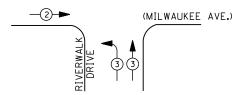


PHASE DESIGNATION DIAGRAM





EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTORS							
EMERGENCY VEHICLE PREEMPTOR	2	3	4				
MOVEMENT	+		 				

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

TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL
		INCAND.	LED		WATTAGE
SIGNAL (RED)	20	1 35	17	0.50	170
(YELLOW)	20	1 35	25	0.25	125
(GREEN)	20	1 35	15	0.25	75
ARROW	12	1 35	12	0.10	14
PED. SIGNAL	8	90	25	1.00	200
CONTROLLER	1	100	1 00	1.00	100
ILLUM. SIGN		252	25	0.05	
VIDEO SYSTEM		150	-	1.00	1
FLASHER LED					
				TOTAL =	684

ENERGY COSTS-

BILLED TO: VILLAGE OF BUFFALO GROVE 50 RAUPP BOULEVARD

BUFFALO GROVE, IL 60089

ENERGY SUPPLY -

CONTACT DAVE SCHACHT 630-437-2129 PHONE

COMMONWELTH 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.

PEDESTRIAN SIGNAL HEAD EACH PEDESTRIAN PUSH-BUTTON

> 2 - € COLUMBUS PARKWAY -TRACER CABLE ←R 9 **>>. ▼** ᇰᆈ INTERCONNECT TO **←**Υ **←**G INVERRARY LANE **-**G ଧ G G ↑ ↑ O ≺ ₽ "P" **∝** ≻ ∪ (MILWAUKEE AVE.) <u>~</u> ≻ ∪ NO. 6-~ > v \ \ \ t t c ≺ z G ≺ 🏾 Ç ; 0 ≺ z ILL ROUTE 21 **∞** ≻ ∪ > 0 0**→** || ១ | **ၞ**|ດ|≺|∞∥၁| TRACER CABLE -В Я 8 ଧ→ G INTERCONNECT TO RAMPS A AND D (UPS NO. RIVERWALK DRIVE CABLE PLAN NOTE: PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4.

SCHEDULE OF QUANTITIES

QUANTITY UNIT MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
MODIFY EXISTING CONTROLLER CABINET
REMOVE EXISTING TRAFFIC SIGNAL EOUIPMENT
UNINTERRUPTABLE POWER SUPPLY, SPECIAL
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED, RETROFIT
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT
SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT
OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT
PEDESTRIAN PUSH-BUTTON, NON-LATCHING FACH EACH FACH EACH EACH EACH

RETROFIT ALL EXISTING SIGNAL HEADS TO L.E.D

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.

TS# 20995 BUFFALO GROVE TOTAL SHEET NO.

DESIGNED REVISED FILE NAME = USER NAME = \$USER\$ DW N:\Projects3\12004\DesignCAD\Sheet Fil s 12-001 Sheets SE Lake Co\20995_CAB_LAKE.do DRAWN JDH REVISED CHECKED КММ REVISED DATE REVISED PLOT DATE = 3/28/2012

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION COUNTY ILL. RTE. 21 AT COLUMBUS PKWY/RIVERWALK DR. - CABLE PLAN, 2012-003 I LAKE 102 68 SCHEDULE OF QUANTITIES, PHASE DESIGN. DIAGRAM & EVP SEQUENCE CONTRACT NO. 60T41 SHEET NO. OF SHEETS STA.