

I. D. O. T.						
	TRAFFIC S	I GNAL I	NSTALLA	TION		
	<b>ELECTRI CAL</b>	SERVI CE	REQUIR	EMENTS		
TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL	
		INCAND.	LED		WATTAGE	
SIGNAL (RED)	13	1 35	1 7	0.50	111	
(YELLOW)	13	1 35	25	0.25	81	
( GREEN)	13	1 35	15	0.25	49	
ARROW	20	1 35	12	0.10	24	
PED. SIGNAL	8	90	25	1.00	200	
CONTROLLER	1	100	100	1.00	100	
ILLUM. SIGN		252	25	0.05		
VIDEO SYSTEM	1	150	-	1.00	150	
FLASHER LED						
				TOTAL =	715	

ENERGY COSTS-

BUFFALO GROVE, IL 60089

ENERGY SUPPLY -

FILE NAME =

CONTACT DAVE SCHACHT PHONE

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.

EACH PEDESTRIAN SIGNAL HEAD EACH PEDESTRIAN PUSH-BUTTON

## SCHEDULE OF QUANTITIES

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

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# 6965

NO. 6

- TRACER CABLE

INTERCONNECT TO BUFFALO GROVE RD.

\$ \$ 0 < ₽

**↑** ↑ 0 ≺ 2

DEERFIELD PKWY.

R Y G ←Y ←G

0+ ∆+ 0

В

CHECKER DRIVE

CABLE PLAN

G

γ γ 4γ

ы

1)-0-(1 œ ≻ ∪ <del>`</del> Ç

ILL. RTE. 83

ت ≺ <u>به</u>

REVISED REVISED REVISED REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

TRACER CABLE -

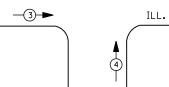
				BUFFAL		
ILLINOIS ROUTE 83 & DEERFIELD PKWY./CHECKER	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
SCHEDULE OF QUANTITIES, PHASE DESIGN, DIAGRAM			2012-003 I	LAKE	102	62
· · · · · · · · · · · · · · · · · · ·			CONTRAC	NO. 6	OT41	
SCALE: N.T.S.   SHEET NO. OF SHEETS   STA.	TO STA.		ILLINOIS FED. AI	D PROJECT		

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

INTERCONNECT TO ILLINOIS ROUTE 83/ ARLINGTON HEIGHTS ROAD

EMERGENCY VEHICLE PREEMPTORS

PHASE DESIGNATION DIAGRAM





EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	<b>—</b>	

EMERGENCY VEHICLE PREEMPTION SEQUENCE

ELECTRICAL SERVICE REQUIREMENTS							
TYPE	NO. LAMPS	WATTAGE		WATTAGE % OPERATION		% OPERATIONS	TOTAL
		INCAND.	LED		WATTAGE		
SIGNAL (RED)	13	1 35	1 7	0.50	111		
(YELLOW)	13	1 35	25	0.25	81		
( GREEN)	13	1 35	15	0.25	49		
ARROW	20	1 35	12	0.10	24		
PED. SIGNAL	8	90	25	1.00	200		
CONTROLLER	1	100	1 00	1.00	100		
ILLUM. SIGN		252	25	0.05			
VIDEO SYSTEM	1	150	-	1.00	150		
EL VOHEB LED							

BILLED TO: VILLAGE OF BUFFALO GROVE 50 RAUPP BOULEVARD

630-437-2129

COMMONWEALTH EDISON

USER NAME = \$USER\$ DESIGNED N:\Projects3\12004\DesignCAD\Sheet Files 12-001 Sheets SE Lake Co\06965\_CAB\_LAKE.dgr DRAWN

JDH CHECKED KMM PLOT DATE = 3/28/2012 DATE

DW