

LEGEND

NUMBER REFERS TO ASSOCIATED PHASE

DUAL ENTRY PHASE

PEDESTRIAN PHASE SINGLE ENTRY PHASE

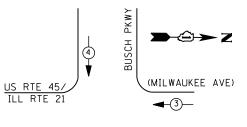
(MILWAUKEE AVE) В

RIGHT TURN OVERLAP PHASE DESIGNATION PERMISSIVE PROTECTED PHASE PHASE 7 5 6 7

PHASE DESIGNATION DIAGRAM

-5-

2





EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VE	HICLE PRI	EEMPTORS
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	-	_

	I.	D.	0.	T.
TRAFFIC	SIG	NAL	INS	STALLATION
ELECTRICAL	SE	RVIC	E F	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	0	90	25	1.00	
CONTROLLER	1	1 00	1 00	1.00	100
ILLUM. SIGN		252	25	0.05	
VIDEO SYSTEM		150	-	1.00	
FLASHER LED					

USER NAME = \$USER\$

PLOT DATE = 3/28/2012

N:\Projects3\12004\DesignCAD\Sheet Files 12-001 Sheets SE Lake Co\06680_CAB_LAKE.do

ENERGY COSTS-

BILLED TO: VILLAGE OF BUFFALO GROVE

50 RAUPP BOULEVARD BUFFALO GROVE, IL 60089

TOTAL =

DESIGNED

CHECKED

DRAWN

DATE

DW

JDH

KMM

ENERGY SUPPLY -

FILE NAME =

CONTACT DAVE SCHACHT 630-437-2129 PHONE

COMMONWELTH EDISON

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

EXISTING INTERSECTION

AND SAMPLING (SYSTEM)

DETECTORS

INTERCONNECT TO DEERFIELD ROAD

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.

- SIGNAL HEAD, 3 SECTION SIGNAL HEAD, 5 SECTION FACH
- EACH EACH TRAFFIC SIGNAL BACKPLATE
- 3 EACH SIGNAL POST

REVISED

REVISED

REVISED

REVISED

SCHEDULE OF QUANTITIES

<u>YTITNAUQ</u>	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT. TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
3 2 2 2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED
5	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL

CABLE PLAN

BUSCH

PARKWAY

۲ 40

ы

Y

2 - 0 1 3

U.S. RTE. 45/ILL. RTE. 21

(MILWAUKEE AVENUE)

- REPLACE 14 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.
- REPLACE 15 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.
- REPLACE 16 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.
- REPLACE 18 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.

CONTRACTOR SHALL RELOCATE EXISTING SIGN PANELS FROM PAINTED POSTS THAT ARE INDICATED FOR REPLACEMENT TO A NEW POSTS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE COST OF REMOVAL, RELOCATION AND ANY NEW MOUNTING HARDWARE NECESSARY TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE TRAFFIC SIGNAL POST, GALVANIZED STEEL PAY ITEM OF THE LENGTH AS SPECIFIED IN THE PLANS.

TS# 6680 BUFFALO GROVE

-EXISTING INTERSECTION

AND SAMPLING (SYSTEM)DETECTORS

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

COUNTY SECTION US RTE. 45 /IL RTE. 21 & BUSCH PARKWAY - CABLE PLAN, LAKE 102 60 2012-003 I SCHEDULE OF QUANTITIES, PHASE DESIGN. DIAGRAM & EVP SEQUENCE CONTRACT NO. 60T41 SCALE: N.T.S. SHEET NO. OF SHEETS STA.

D-Ĝ→Z

\$ \$ 0 < 2

ດ **≺** ѫ

(3)