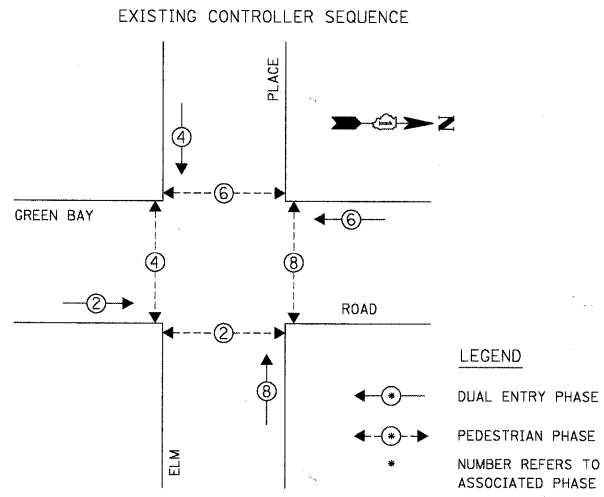


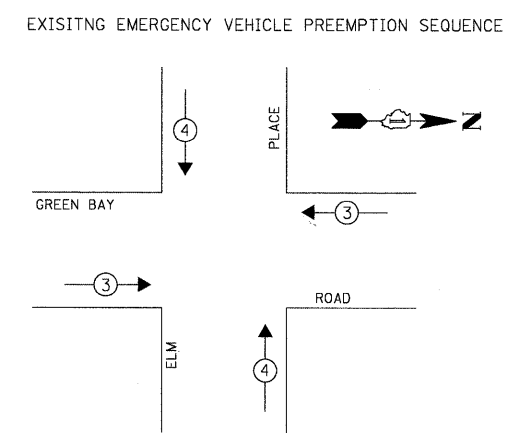
DATE: _____ BY: _____
 SURVEYED: _____ PLOTTED: _____
 REVISIONS: _____
 FILE NAME: _____

CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

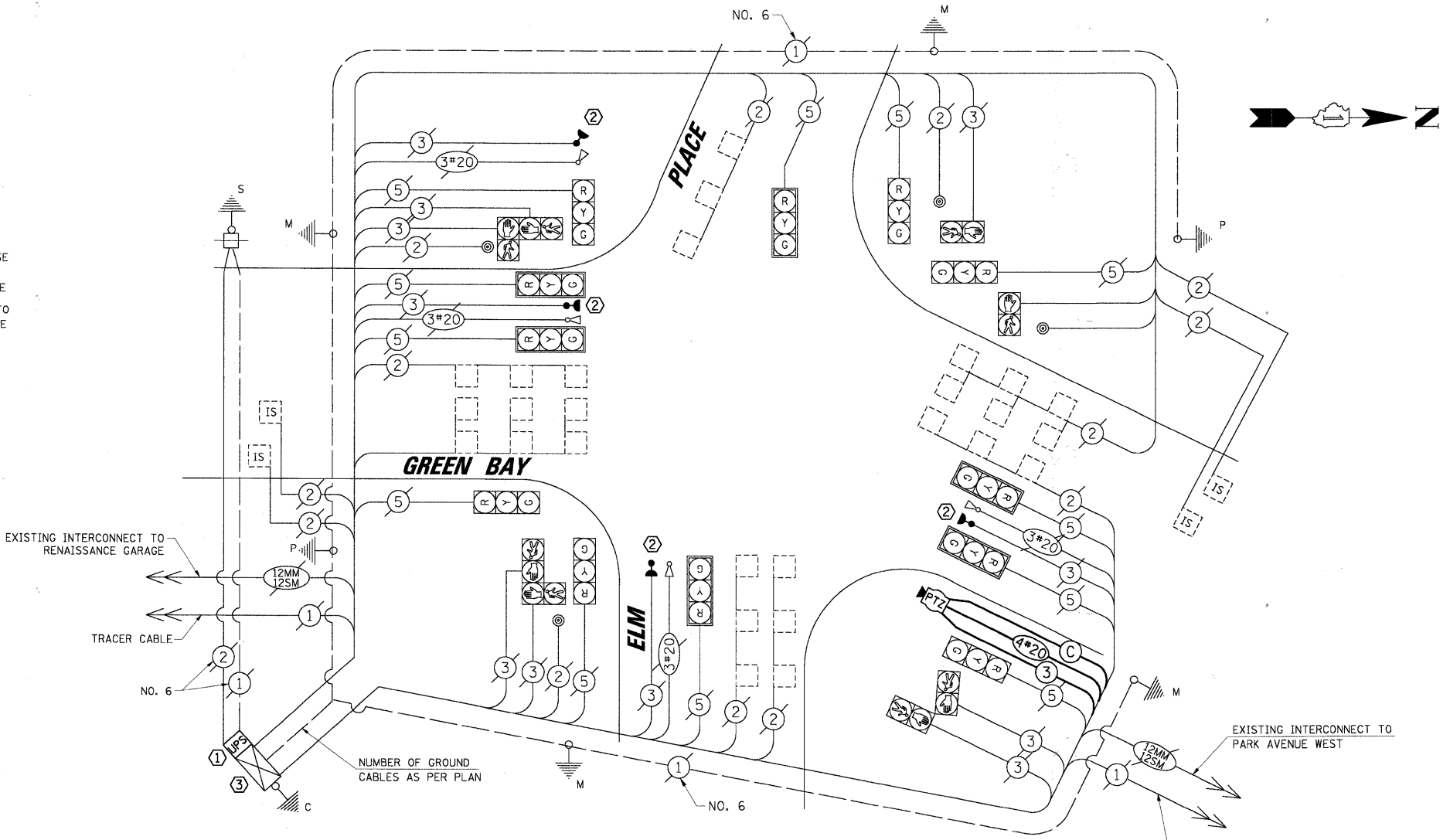
DATE: _____ BY: _____
 SURVEYED: _____ PLOTTED: _____
 REVISIONS: _____
 FILE NAME: _____



EXISTING PHASE DESIGNATION DIAGRAM



EXISTING EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓



CABLE PLAN

L.C.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE X INCAND.	LED	% OPERATION	
SIGNAL (RED)	12	10	0.50	60.0	
(YELLOW)	12	19	0.10	22.8	
(GREEN)	12	11	0.40	52.8	
ARROW	-	9	0.10	-	
PED. SIGNAL	8	9	1.00	72.0	
CONTROLLER	1	100	1.00	100.0	
LUMINAIRE	-	250	0.50	-	
L.E.D. ST. NAME SIGN	-	64	0.50	-	
VIDEO SYSTEM	1	150	1.00	150.0	
BATTERY BACKUP	1	25	1.00	25.0	

ENERGY COSTS TO: TOTAL = 482.6

CITY OF HIGHLAND PARK
 1707 ST. JOHNS AVENUE
 HIGHLAND PARK, IL 60035-3593

ENERGY SUPPLY: CONTACT: JEAN WILL
 PHONE: (847) 816-5459
 COMPANY: COMED

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.

- 1 EACH CONTROLLER
- 1 EACH MASTER CONTROLLER

CONSTRUCTION NOTES:

- ① INSTALL UNINTERRUPTIBLE POWER SUPPLY (UPS).
- ② ALL EXISTING CONFIRMATION BEACONS SHALL BE RETROFITTED WITH LED INDICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST FOR THE PAY ITEM: UNINTERRUPTIBLE POWER SUPPLY.
- ③ THE TRAFFIC SIGNAL CONTROLLER SHALL BE NTCIP COMPATIBLE.
- ④ INSTALL NEW PTZ CAMERA ON EXISTING COMBINATION MAST ARM.

SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER IN EXISTING CABINET, SPECIAL	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
UNINTERRUPTIBLE POWER SUPPLY	EACH	1
REMOTE-CONTROLLED VIDEO SYSTEM	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
VIDEO ENCODER	EACH	1
SPLICE FIBER IN CABINET	EACH	6
TERMINATE FIBER IN CABINET	EACH	12
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	182
ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	182
ELECTRIC CABLE IN CONDUIT, 4/C # 20, VIDEO	FOOT	182

NOTE:
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

FILE NAME = N:\L.C.D.O.T.\90487\Tr-fic\CAB_GBRD-ElmPlace.dgn	USER NAME = FBARISO	DESIGNED - ABR	REVISED -
		DRAWN - FPB / FCP	REVISED -
	PLOT SCALE = NOT TO SCALE	CHECKED - MJT	REVISED -
	PLOT DATE = 5/3/2010	DATE - APRIL 30, 2010	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
 GREEN BAY ROAD AND ELM PLACE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00924-00-TL	LAKE	76	30
CONTRACT NO. 63485				
ILLINOIS FED. AID PROJECT				

SCALE: NOT TO SCALE SHEET NO. -- OF -- SHEETS STA. -- TO STA. --