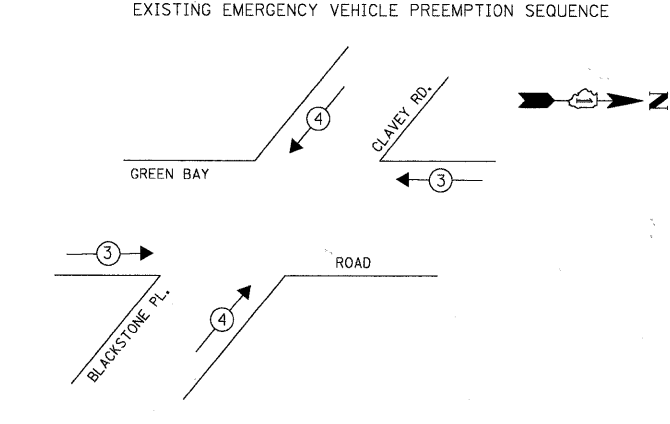
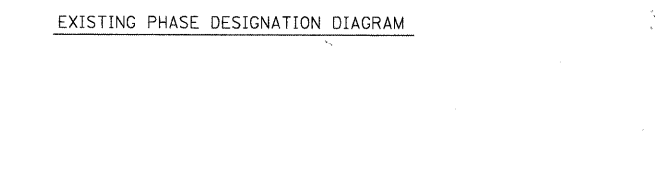
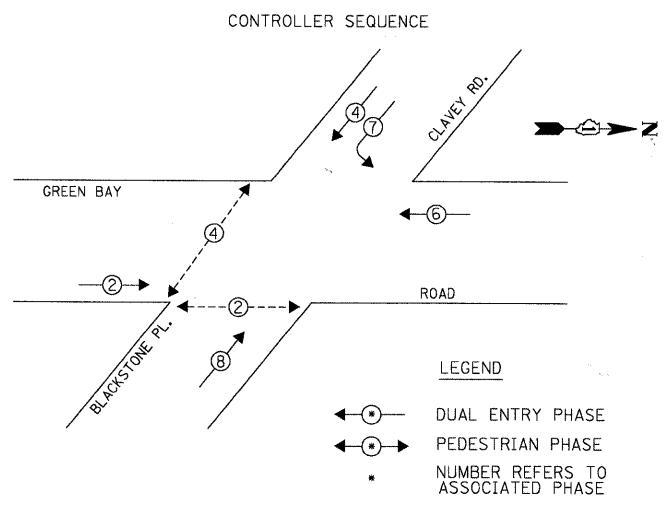


DATE: _____ BY: _____
 SURVEYED: _____ PLOTTED: _____
 PROFILE: _____ NO. E BOOK: _____
 STRUCTURE: _____ NOTATIONS: _____
 NO. E BOOK: _____
 NO. _____

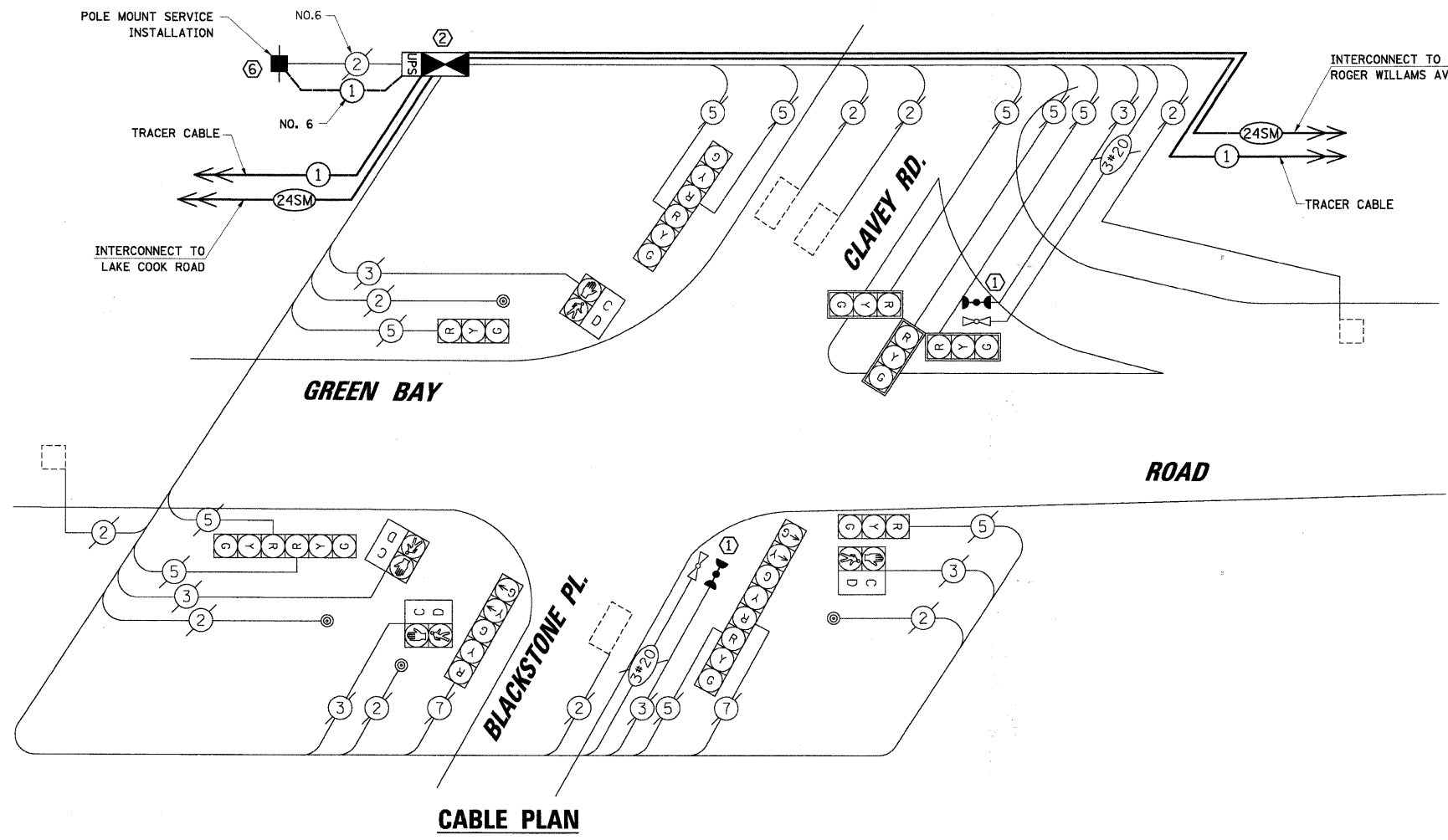
CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500



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

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	4		9	0.10	3.6
PED. SIGNAL	4		9	1.00	36.0
CONTROLLER	1	100	1.00	100.0	100.0
LUMINAIRE	-	250	0.50	-	-
L.E.D. ST. NAME SIGN	-	64	0.50	-	-
VIDEO SYSTEM	-	150	1.00	-	-
BATTERY BACKUP	1	25	1.00	25.0	25.0

ENERGY COSTS TO: TOTAL = 300.2
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 AND CABINET (COMPLETE)
- 1 EACH SERVICE INSTALLATION

CONSTRUCTION NOTES:

- ① 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.
- ② RELOCATE EXISTING LIGHT DETECTOR AMPLIFIER TO NEW CONTROLLER CABINET.
- ③ THE TRAFFIC SIGNAL CONTROLLER SHALL BE NTCIP COMPATIBLE.
- ④ MODIFY EXISTING CONTROLLER FOUNDATION.
- ⑤ REBUILD EXISTING HANDHOLE TO DOUBLE HANDHOLE. SEE INTERCONNECT PLAN.
- ⑥ INSTALL NEW POLE MOUNT SERVICE INSTALLATION. INSTALL SERVICE GROUND CABLE IN EXISTING CONDUIT.

SCHEDULE OF QUANTITIES		
ITEM	UNIT	TOTAL
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNINTERRUPTIBLE POWER SUPPLY	EACH	1
MODIFY EXISTING TYPE "D" FOUNDATION	EACH	1
REBUILD EXISTING HANDHOLE TO DOUBLE HANDHOLE	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
INDUCTIVE LOOP DETECTOR	EACH	5
ELECTRIC CABLE IN CONDUIT, GROUND NO. 6 1C	FOOT	32

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

FILE NAME = N:\L\CDOT\090427\Tran\file\CABL\GBRD-C\avey.dgn	USER NAME = FBARISO	DESIGNED - ABR	REVISED -
PLOT SCALE = NOT TO SCALE	DATE = APRIL 30, 2010	DRAWN - FPB / FCP	REVISED -
PLOT DATE = 5/3/2010		CHECKED - MJT	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM
 AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
 GREEN BAY ROAD AND CLAVEY ROAD / BLACKSTONE PLACE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00924-00-TL	LAKE	76	23
CONTRACT NO. 63485			ILLINOIS FED. AID PROJECT	