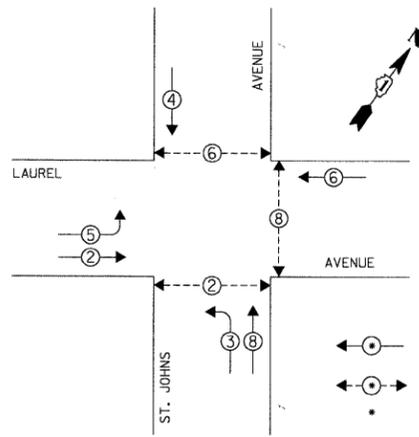


DATE: _____ BY: _____
 SURVEYED: _____ PLOTTED: _____
 CHECKED: _____ BY: _____
 NOTE BOOK NO.: _____
 PLAN NO.: _____
 CADD FILE NAME: _____
CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500
CBE
 DATE: _____ BY: _____
 SURVEYED: _____ PLOTTED: _____
 CHECKED: _____ BY: _____
 NOTE BOOK NO.: _____
 PLAN NO.: _____
 CADD FILE NAME: _____

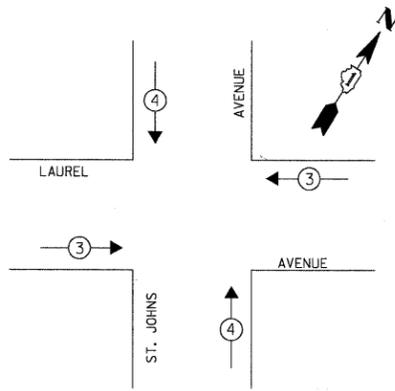
EXISTING CONTROLLER SEQUENCE



LEGEND
 ○ → ○ DUAL ENTRY PHASE
 ○ → ○ PEDESTRIAN PHASE
 * NUMBER REFERS TO ASSOCIATED PHASE

EXISTING PHASE DESIGNATION DIAGRAM

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING EMERGENCY VEHICLE PREEMPTORS

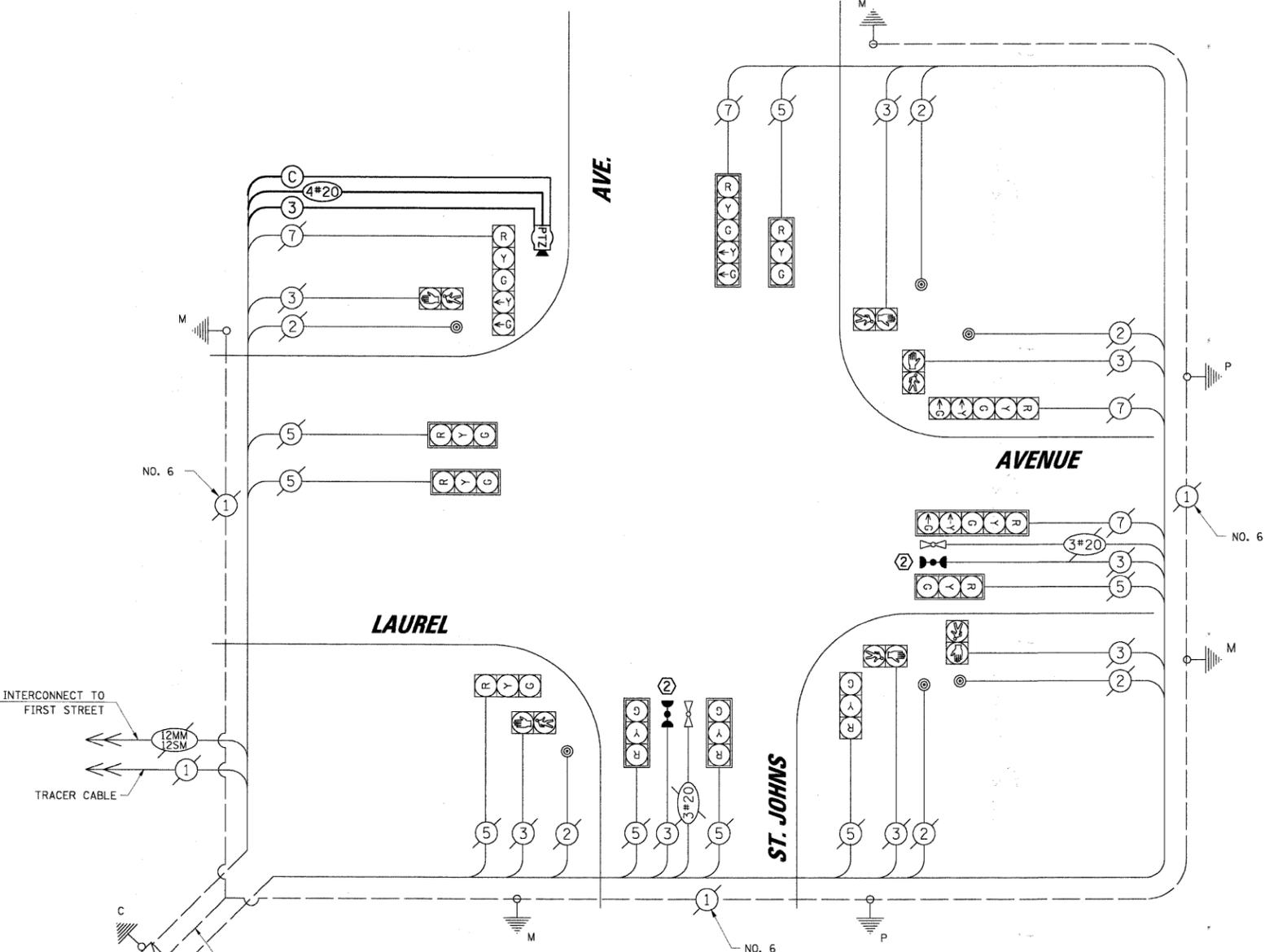
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓

EXISTING INTERCONNECT TO FIRST STREET

TRACER CABLE

NUMBER OF GROUND CABLES AS PER PLAN

CABLE PLAN



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

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 POWDER COAT CAMERA MOUNTING ASSEMBLY TO MATCH EXISTING MAST ARM. POWDER COATING SHALL BE INCLUDED IN THE COST FOR THE PAY ITEM: CAMERA MOUNTING ASSEMBLY, SPECIAL.
- ④ THE TRAFFIC SIGNAL CONTROLLER SHALL BE NTCIP COMPATIBLE.
- ⑤ INSTALL NEW PTZ CAMERA TO NEW CAMERA MOUNTING ASSEMBLY, SPECIAL ON EXISTING SIGNAL 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
CAMERA MOUNTING ASSEMBLY, SPECIAL	EACH	1
TERMINATE FIBER IN CABINET	EACH	6
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	145
ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	145
ELECTRIC CABLE IN CONDUIT, 4/C # 20, VIDEO	FOOT	145

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

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	60.00
(YELLOW)	12		19	0.10	22.80
(GREEN)	12		11	0.40	52.80
ARROW	8		9	0.10	7.20
PED. SIGNAL	6		9	1.00	54.00
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 = 471.80

CITY OF HIGHLAND PARK

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

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

FILE NAME = N:\L\CDOT\092487\Traffic\CAB-Laurel-StJohns.dwg	USER NAME = FBARISSO	DESIGNED - ABR	REVISED -
		DRAWN - FPB / FCP	REVISED -
		CHECKED - MJT	REVISED -
		DATE - APRIL 30, 2010	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM
 AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
 LAUREL AVENUE AND ST. JOHNS AVENUE**

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	35
CONTRACT NO. 63485				
ILLINOIS FED. AID PROJECT				