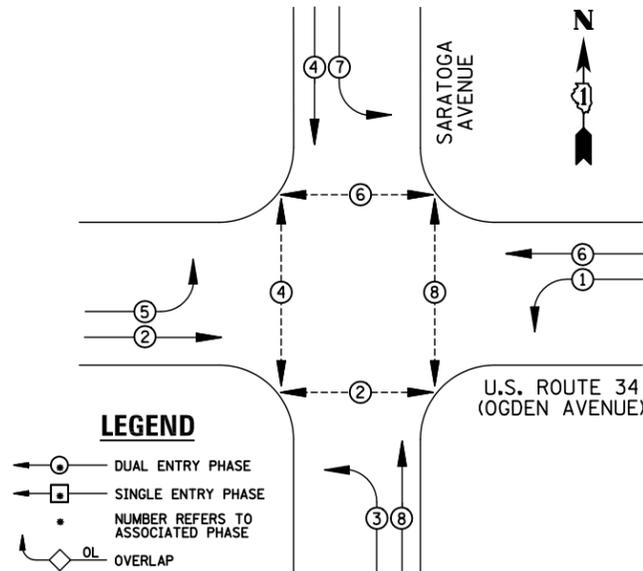
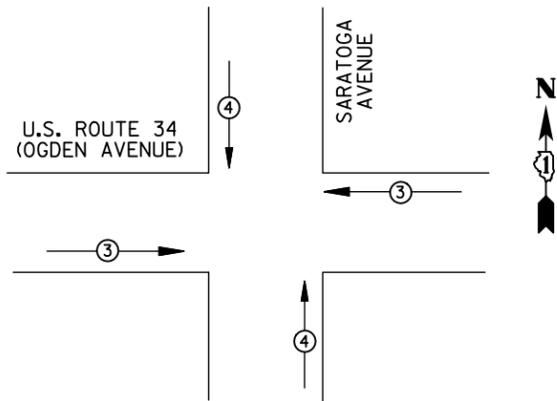


**EXISTING CONTROLLER SEQUENCE**



**EXISTING PHASE DESIGNATION DIAGRAM**



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

**EMERGENCY VEHICLE PREEMPTION SEQUENCE**

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	%OPERATION	
SIGNAL (RED)	12	135	17	0.50	102
(YELLOW)	12	135	25	0.25	75
(GREEN)	12	135	15	0.25	45
ARROW	8	135	12	0.10	9.6
PED. SIGNAL	8	90	25	1.00	200
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
FLASHER		135	25	0.50	
ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, IL 60196-1096					TOTAL = 531.6
ENERGY SUPPLY CONTACT:	X				
PHONE:	X				
COMPANY:	X				

**REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT**

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.

- 4 EACH TRAFFIC SIGNAL POST
- 8 EACH SIGNAL HEAD, 3-SECTION
- 4 EACH SIGNAL HEAD, 5-SECTION
- 2 EACH TRAFFIC SIGNAL BACKPLATE
- 8 EACH PEDESTRIAN SIGNAL HEAD
- 7 EACH PEDESTRIAN PUSH-BUTTON

- ① REPLACE 14 FT. PAINTED POST, RE-USE EXISTING TYPE A CONCRETE FOUNDATION
- ② REPLACE 15 FT. PAINTED POST, RE-USE EXISTING TYPE A CONCRETE FOUNDATION
- ③ REPLACE 16 FT. PAINTED POST, RE-USE EXISTING TYPE A CONCRETE FOUNDATION
- ④ REPLACE 18 FT. PAINTED POST, RE-USE EXISTING TYPE A CONCRETE FOUNDATION
- ⑤ INSTALL NEW PEDESTRIAN HEADS AND PUSH-BUTTONS ON 14 FOOT POST. REMOVE AND REINSTALL CABLES UTILIZING EXISTING SLACK TO REACH NEW LOCATION.

**SCHEDULE OF QUANTITIES**

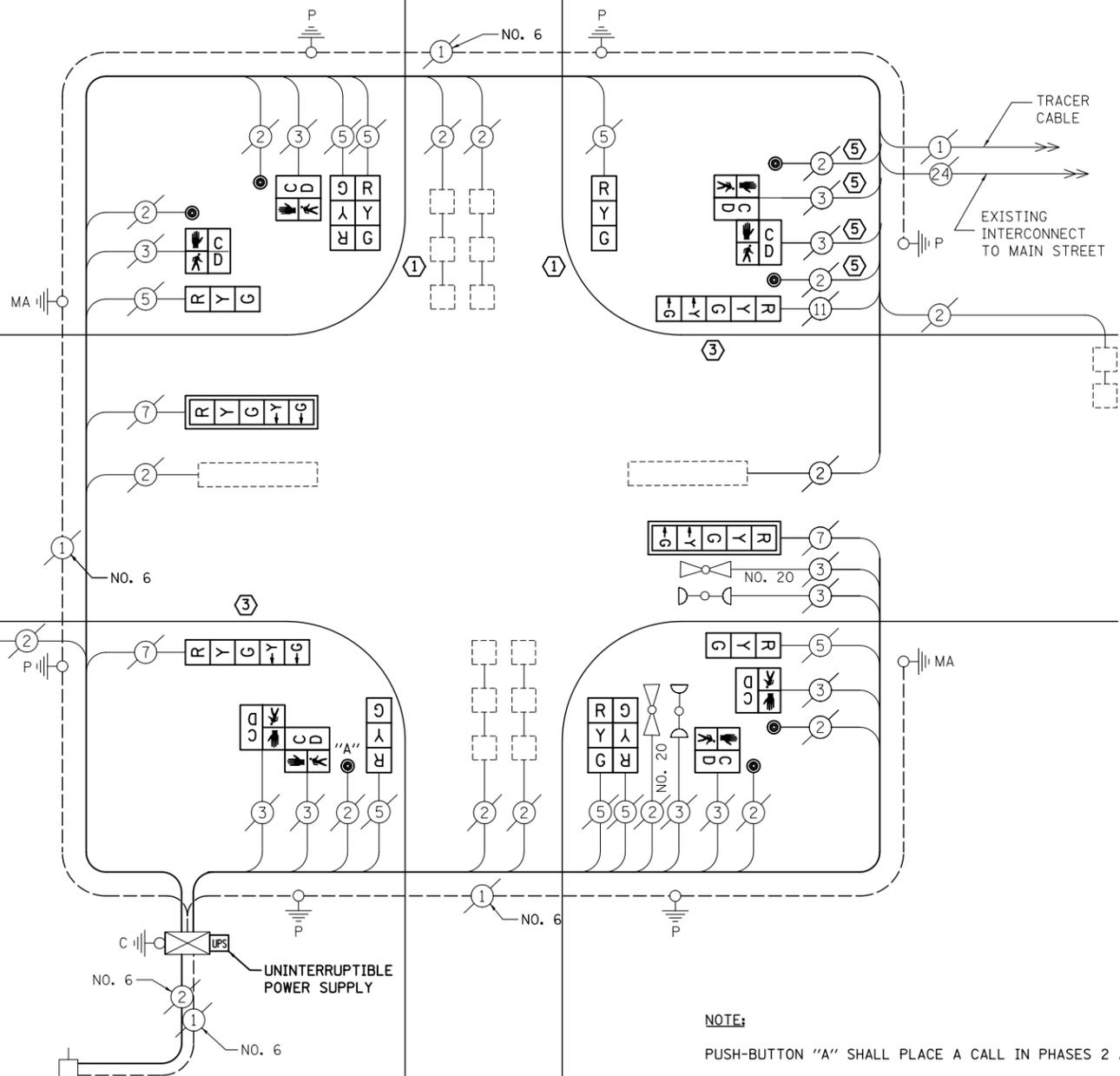
**ITEM**

MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION  
 TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.  
 TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.  
 SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED  
 SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED  
 SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED  
 SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED  
 PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER  
 PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER  
 TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM  
 MODIFY EXISTING CONTROLLER CABINET  
 REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT  
 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT  
 UNINTERRUPTIBLE POWER SUPPLY, SPECIAL  
 PEDESTRIAN PUSH-BUTTON, NON-LATCHING

UNIT	QUANTITY
EACH	1
EACH	2
EACH	2
EACH	4
EACH	2
EACH	2
EACH	2
EACH	4
EACH	2
EACH	2
EACH	1
FOOT	178
EACH	1
EACH	1
EACH	7

**SARATOGA AVENUE**

**U.S. ROUTE 34 (OGDEN AVENUE)**



**CABLE PLAN**

NOTE:  
 PUSH-BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4.

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

FILE NAME = \MICROST\352105\ 39-11420.DGN

USER NAME = JGC  
 PLOT SCALE = NOT TO SCALE  
 PLOT DATE = X

DESIGNED - BPT  
 DRAWN - JGC/RDS  
 CHECKED - BPT  
 DATE - 03-22-13

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION U.S. ROUTE 34 (OGDEN AVENUE) AT SARATOGA AVENUE**  
 SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-084TS	DU PAGE	89	53
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

PREPARED BY:  
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TS# 11420  
 DOWNERS GROVE