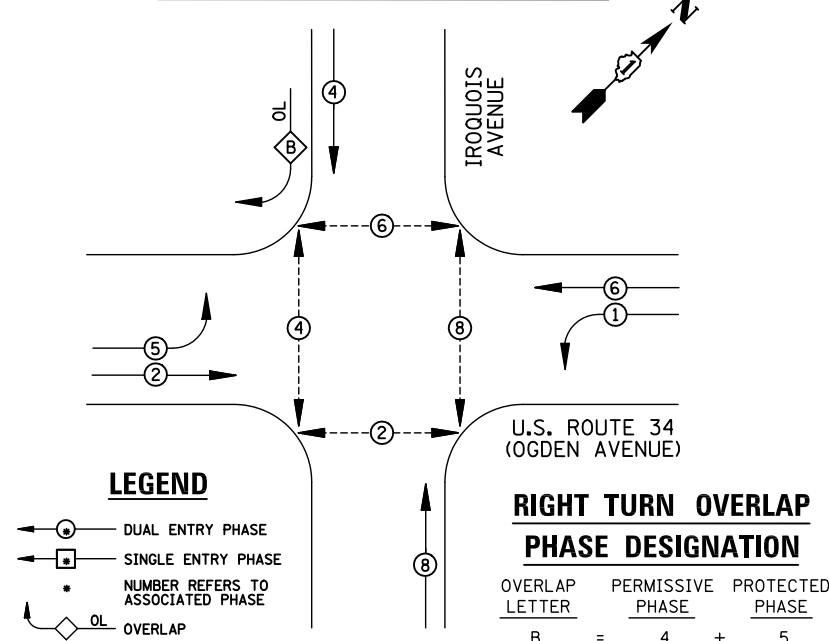
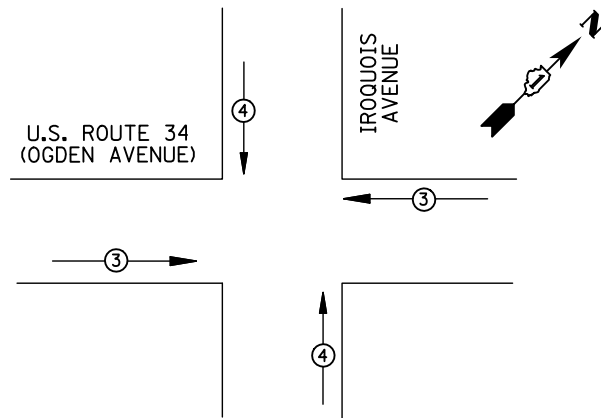


**EXISTING CONTROLLER SEQUENCE**



**EXISTING PHASE DESIGNATION DIAGRAM**



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

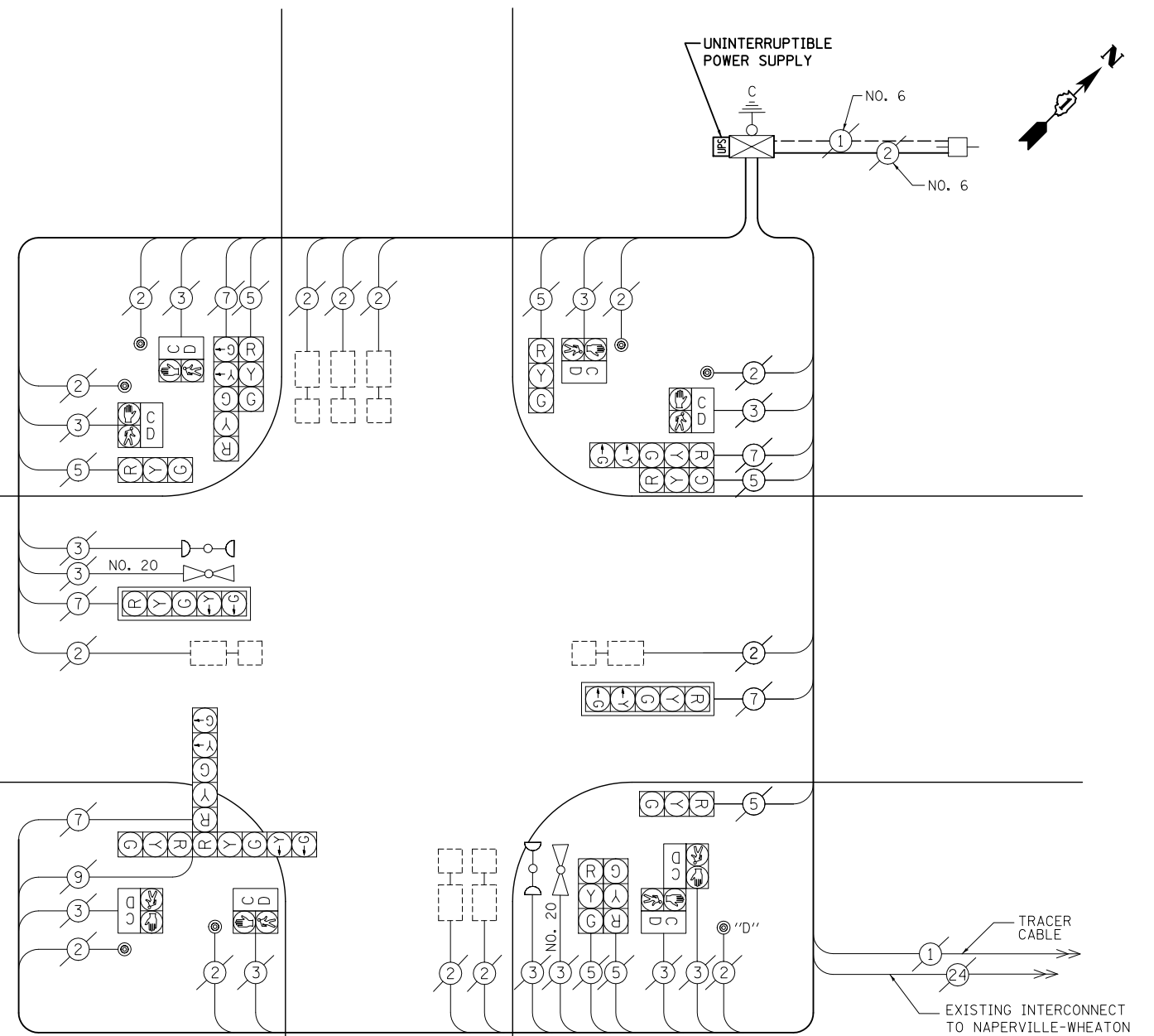
**EMERGENCY VEHICLE PREEMPTION SEQUENCE**

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	%OPERATION	
SIGNAL (RED)	14	135	17	0.50	119
(YELLOW)	14	135	25	0.25	87.5
(GREEN)	14	135	15	0.25	52.5
ARROW	12	135	12	0.10	14.4
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: DUPAGE COUNTY 421 N. COUNTY FARM ROAD WHEATON, IL 60187					TOTAL = 573.4
ENERGY SUPPLY CONTACT: X					
PHONE: X					
COMPANY: X					
FILE NAME =	USER NAME = JGC				DESIGNED - BPT
DESIGNED - BPT	DRAWN - JGC/RDS				REVISED -
DRAWN - JGC/RDS	PLOT SCALE = NOT TO SCALE				CHECKED - BPT
CHECKED - BPT	PLOT DATE = X				REVISIED -
REVISIED -	DATE - 03-22-13				REVISIED -

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1

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



**IROQUOIS AVENUE**

**CABLE PLAN**

NOTE:  
PUSH-BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8.

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

**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 IROQUOIS AVENUE**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

PREPARED BY:  
**CEMCON, Ltd.**  
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-084TS	DU PAGE	89	40

CONTRACT NO. 60W02  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

TS# 9495  
NAPERVILLE