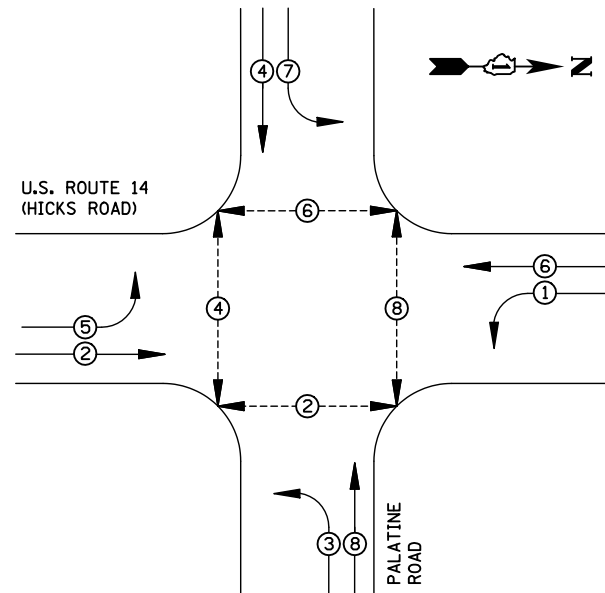
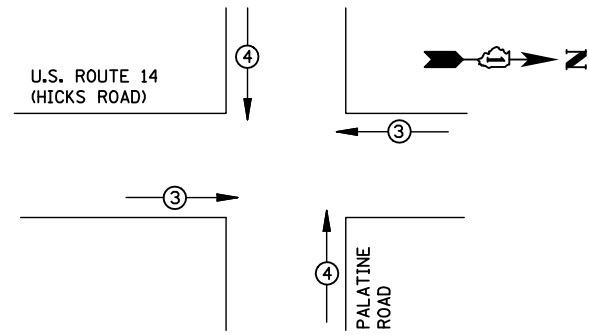


EXISTING AND PROPOSED CONTROLLER SEQUENCE



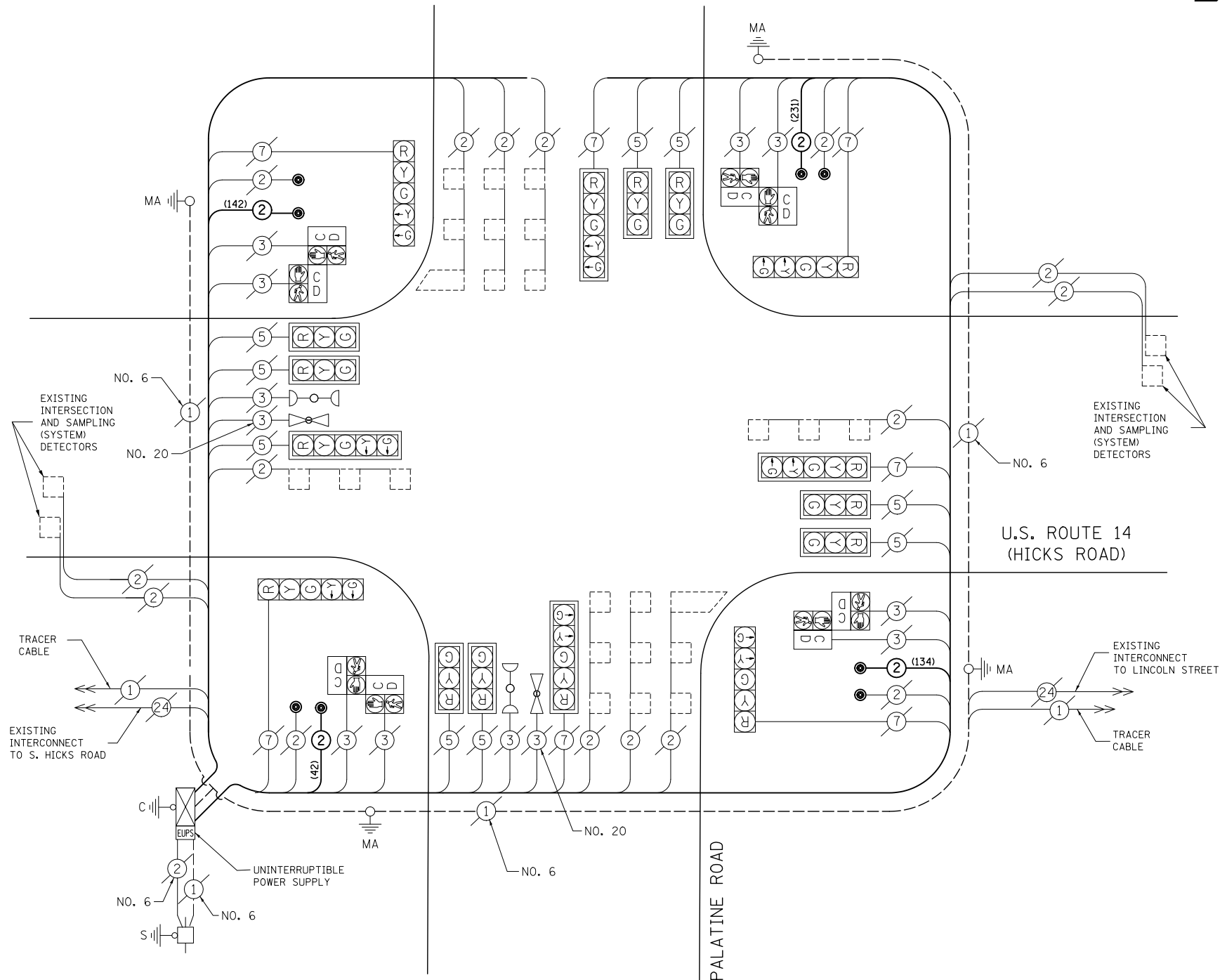
EXISTING AND PROPOSED PHASE DESIGNATION DIAGRAM



EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	⇐	⇑

EXISTING AND PROPOSED 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)	16	17		0.50	136.00
(YELLOW)	16	25		0.25	100.00
(GREEN)	16	15		0.25	60.00
ARROW	16	12		0.10	19.20
PED. SIGNAL	8	25		1.00	200.00
CONTROLLER	1	100		1.00	100.00
ILLUM. SIGN		25		0.05	
VIDEO SYSTEM		150		1.00	
FLASHER				0.50	
ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION 201 W. CENTER COURT SCHAUMBURG, IL 60196					TOTAL = 615.20
ENERGY SUPPLY CONTACT: DAVE SCHACHT					
PHONE: 1-(630) 847-2129					
COMPANY: COMED					



CABLE PLAN

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	540
PAVEMENT MARKING REMOVAL	SQ FT	540
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	549
PEDESTRIAN PUSH BUTTON	EACH	8
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1

NOTE:
 (XXX) DENOTES CABLE LENGTH TO CONTROLLER CABINET WITH SLACK CABLE.

TS# 1270

PREPARED BY:
CEMCON, Ltd.
 Consulting Engineers, Land Surveyors & Planners
 2280 White Oak Circle, Suite 100
 Aurora, Illinois 60504-9675
 Ph: 630.862.2100 Fax: 630.862.2199
 E-Mail: cadd@cemcon.com Website: www.cemcon.com

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	2012-042 TS	COOK	36	29

CONTRACT NO. 60T90
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN
 AND PHASE DESIGNATION DIAGRAM
 U.S. ROUTE 14 (HICKS ROAD) AT PALATINE ROAD

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

DESIGNED - KK	REVISED -
DRAWN - RDS/JGC	REVISED -
CHECKED - BPT	REVISED -
DATE - 03-07-13	REVISED -

FILE NAME = \MICROST\352103\ US 14 @ PALATINE CAB.DGN	USER NAME = JGC
PLOT SCALE = 1"=28'	
PLOT DATE = 03-07-13	