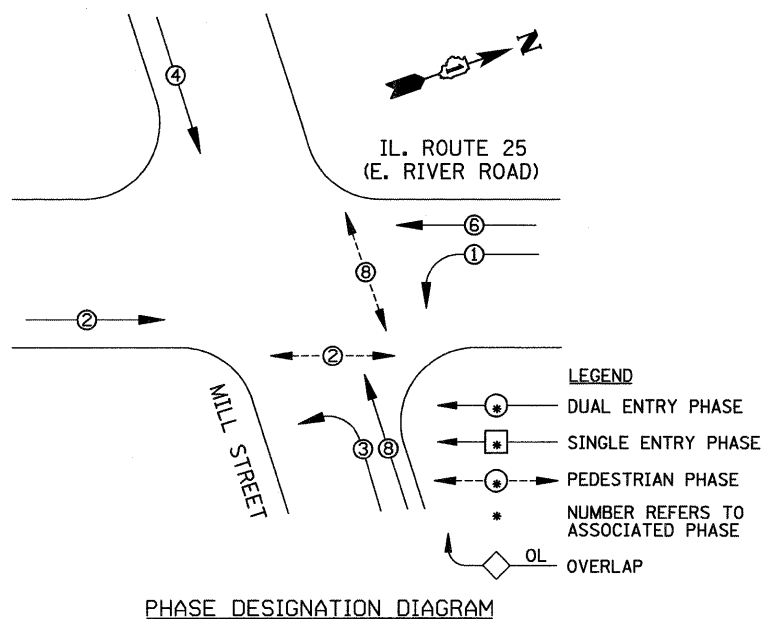
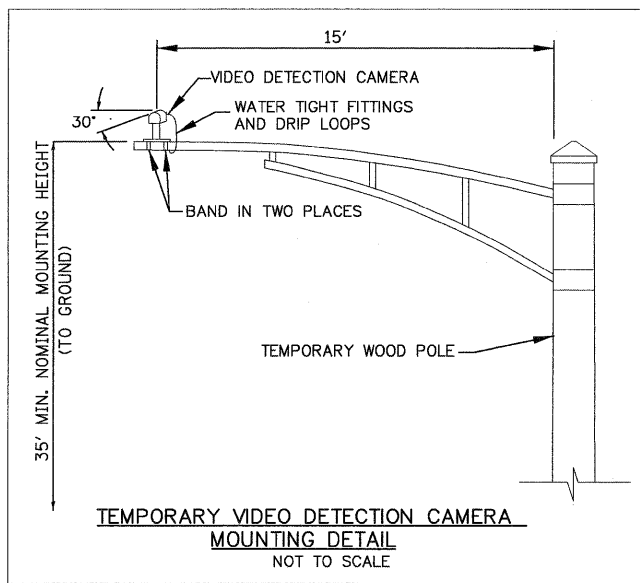


TEMPORARY CONTROLLER SEQUENCE



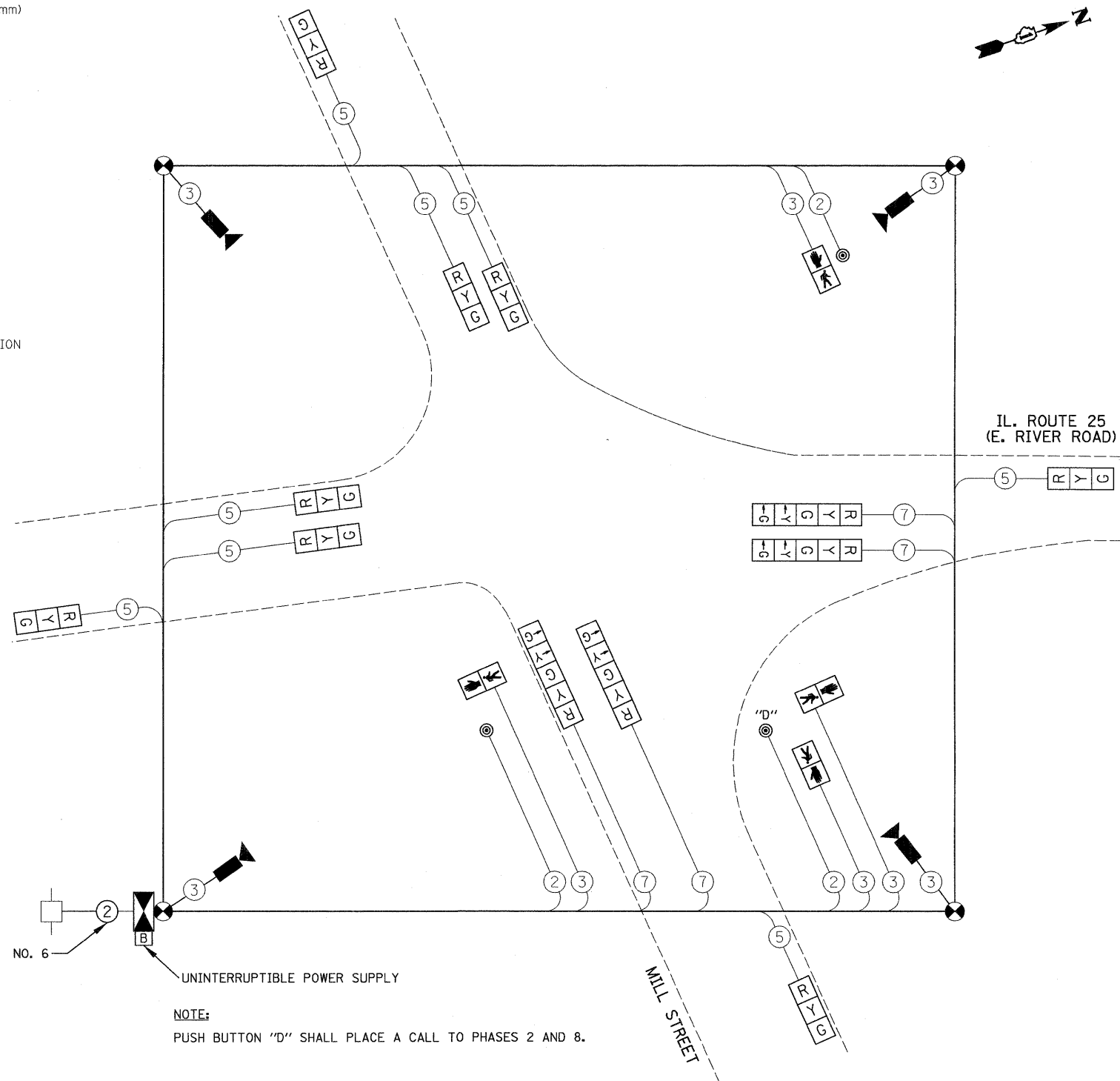
PHASE DESIGNATION DIAGRAM



TEMPORARY VIDEO DETECTION CAMERA MOUNTING DETAIL NOT TO SCALE

TEMPORARY CABLE DIAGRAM LEGEND

- [R] TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300 mm)
- [X] TEMPORARY CONTROLLER CABINET
- [] TEMPORARY SERVICE INSTALLATION
- (5) INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- [] EMERGENCY VEHICLE LIGHT DETECTOR
- [] CONFIRMATION BEACON
- [] PEDESTRIAN PUSH-BUTTON DETECTOR
- [] VEHICLE DETECTOR, INDUCTION LOOP
- [] 12" (300mm) PEDESTRIAN SIGNAL SECTION
- [] VIDEO VEHICLE SENSOR
- [] TEMPORARY WOOD POLE
- [B] UNINTERRUPTIBLE POWER SUPPLY



TEMPORARY CABLE PLAN

NOTE:
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE".

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. LAMPS	WATTAGE		%OPERATION	TOTAL WATTAGE
		INCAND.	LED		
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	4	90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 336.1

VILLAGE OF MONTGOMERY

ENERGY SUPPLY CONTACT: MARK SCHEIBEL
PHONE: (630) 723-2128
COMPANY: COMED

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.0 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20.0 (6.0)
E - M. ARM POLE		SIGNAL POST	0 (0.0)	BRACKET MOUNTED	13 (4.0)
24" (600mm)	10 (3.0)	CONTROLLER CAB.	0 (0.0)	PED. PUSH-BUTTON	6 (2.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
		ELECTRIC SERVICE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.5)	POST MOUNTED	13 (4.0)

FILE NAME = \MICROSTV\352069\IL 25 @ MIL RD
TEMP CAB.DGN

USER NAME = JGC

DESIGNED - KK

REVISOR -

DRAWN - JGC

REVISIONS -

CHECKED - BPT

REVISIONS -

DATE - 01-23-09

REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN
AND PHASE DESIGNATION DIAGRAM
IL. ROUTE 25 (E. RIVER ROAD) AT MILL STREET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2009-003 TS	KANE	28	9
CONTRACT NO. 60F98				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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