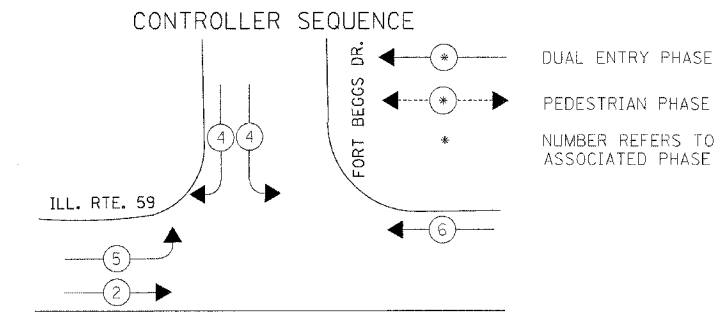
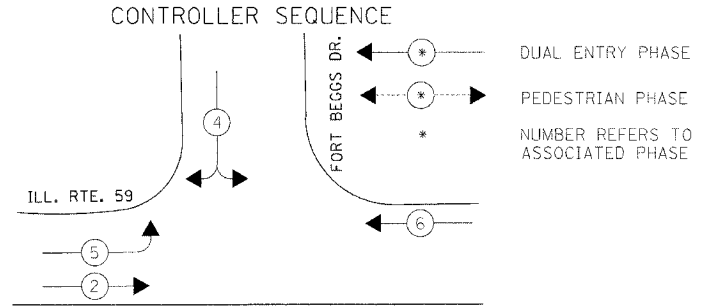
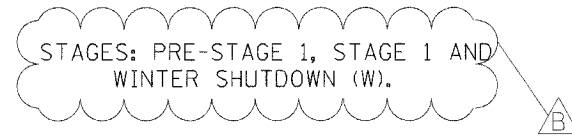


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113 & 114)R-5	WILL	525	376
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT:		

CONTRACT # 62417



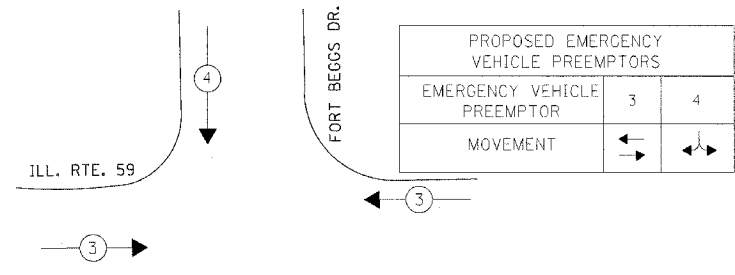
TEMPORARY PHASE DESIGNATION DIAGRAM



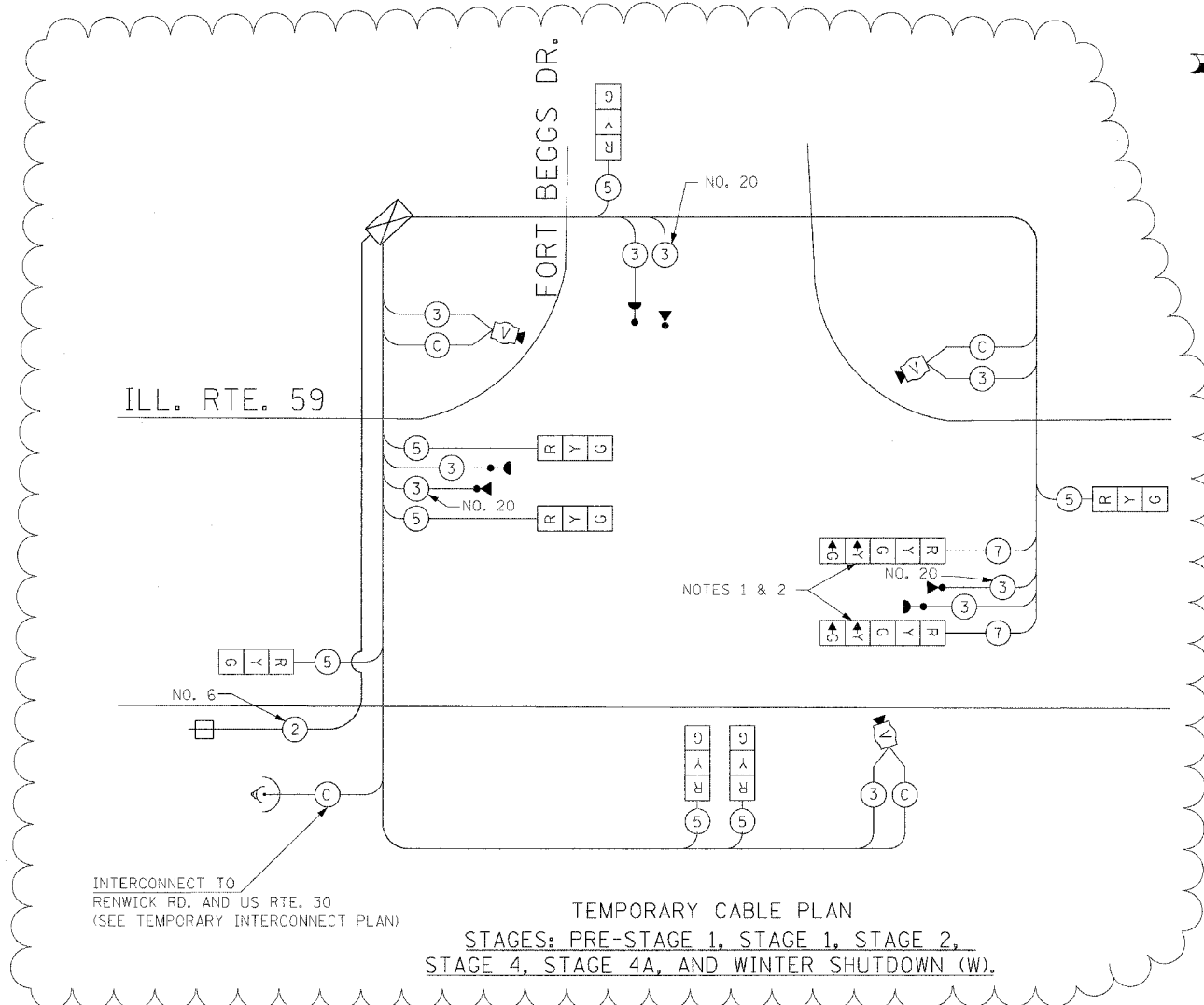
TEMPORARY PHASE DESIGNATION DIAGRAM

STAGES: STAGE 2, STAGE 4, AND STAGE 4A.

EMERGENCY VEHICLE PREEMPTION SEQUENCE



STAGES: PRE-STAGE 1, STAGE 1, STAGE 2, STAGE 4, AND STAGE 4A.

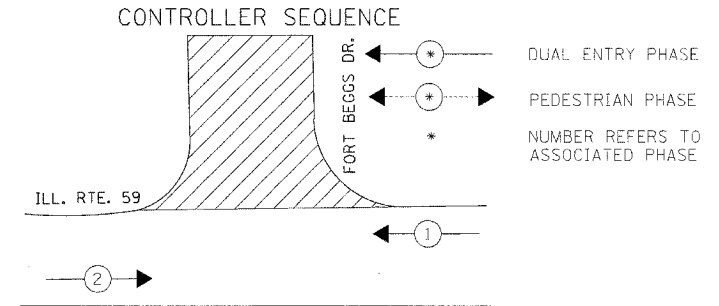


TEMPORARY CABLE DIAGRAM LEGEND

- TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SERVICE INSTALLATION
- INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- EMERGENCY VEHICLE LIGHT DETECTOR CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- PEDESTRIAN PUSHBUTTON DETECTOR
- 12" (300mm) PEDESTRIAN SIGNAL SECTION
- VIDEO CAMERA ASSEMBLY
- WIRELESS INTERCONNECT (ANTENNA)
- CO-AXIAL VIDEO CABLE

TEMPORARY CABLE PLAN NOTE:

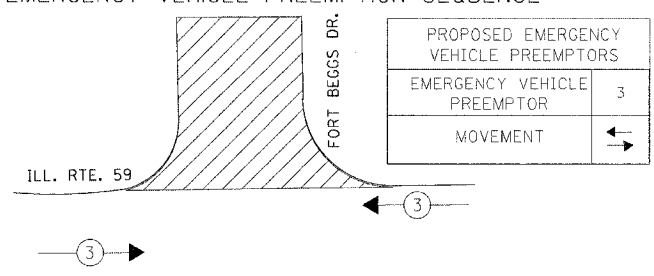
- NOTE 1: DURING CONSTRUCTION STAGES STAGE 1A THE YELLOW AND GREEN LEFT ARROW INDICATION SECTIONS FOR NORTHBOUND DIRECTION OF TRAFFIC SHALL BE BAGGED AND DISCONNECTED AT THE CONTROLLER AND APPLICABLE PHASES SHALL BE DISABLED IN THE CONTROLLER.
- NOTE 2: WHEN FORT BEGGS ROAD IS CLOSED TO VEHICULAR TRAFFIC DURING STAGE 1A, THE CIRCULAR GREEN INDICATION ON THE SIGNAL HEADS FOR THE NORTHBOUND AND SOUTHBOUND DIRECTION OF TRAFFIC SHALL BE PROGRAMMED TO STAY ON THROUGHOUT THE DURATION OF STAGE 1A. THE SIGNAL HEADS FOR THE EASTBOUND DIRECTION OF TRAFFIC AND THE EVP EQUIPMENT SHALL BE DISCONNECTED AND BAGGED DURING THIS CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER.



TEMPORARY PHASE DESIGNATION DIAGRAM

STAGES: STAGE 1A

EMERGENCY VEHICLE PREEMPTION SEQUENCE



STAGES: STAGE 1A

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION	
SIGNAL (RED)	9	INCAND.	LED	0.50	76.5
(YELLOW)	9	135	17	0.25	56.3
(GREEN)	9	135	25	0.25	56.3
ARROW (GREEN)	4	135	15	0.25	33.8
ARROW	4	135	12	0.10	4.9
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN				0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	271.3
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHALMUR, ILLINOIS 60196-1096					
ENERGY SUPPLY CONTACT: MS. BETTY BRULC PHONE: (815) 724-5052 COMPANY: COMED					

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE ILLINOIS ROUTE 59 AT FORT BEGGS DRIVE (SHEET 2 OF 3)

REVISIONS	
NAME	DATE
PKG, MAA	05-01-08
ADDENDUM B	05-23-08

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631 TEL: (773) 774-5980

SCALE: N.T.S. DRAWN BY: BB/KP
DATE: 03/18/2008 DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM