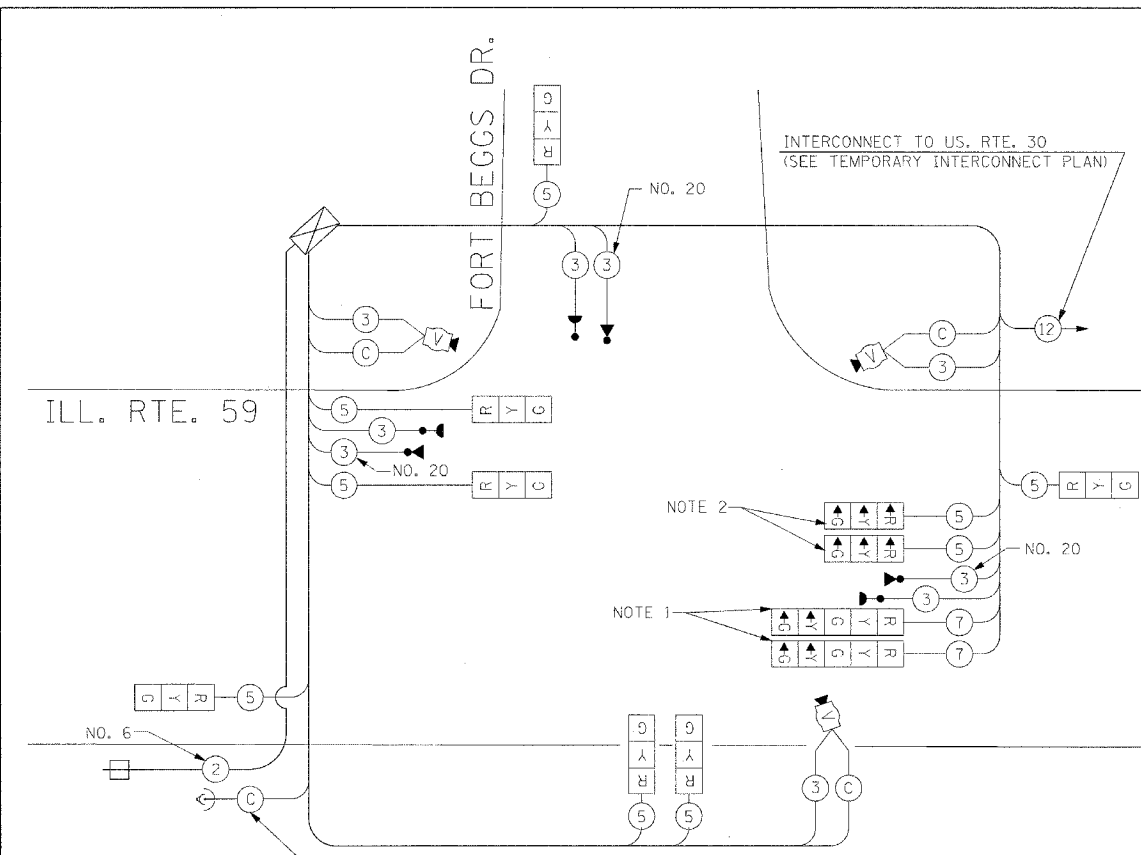
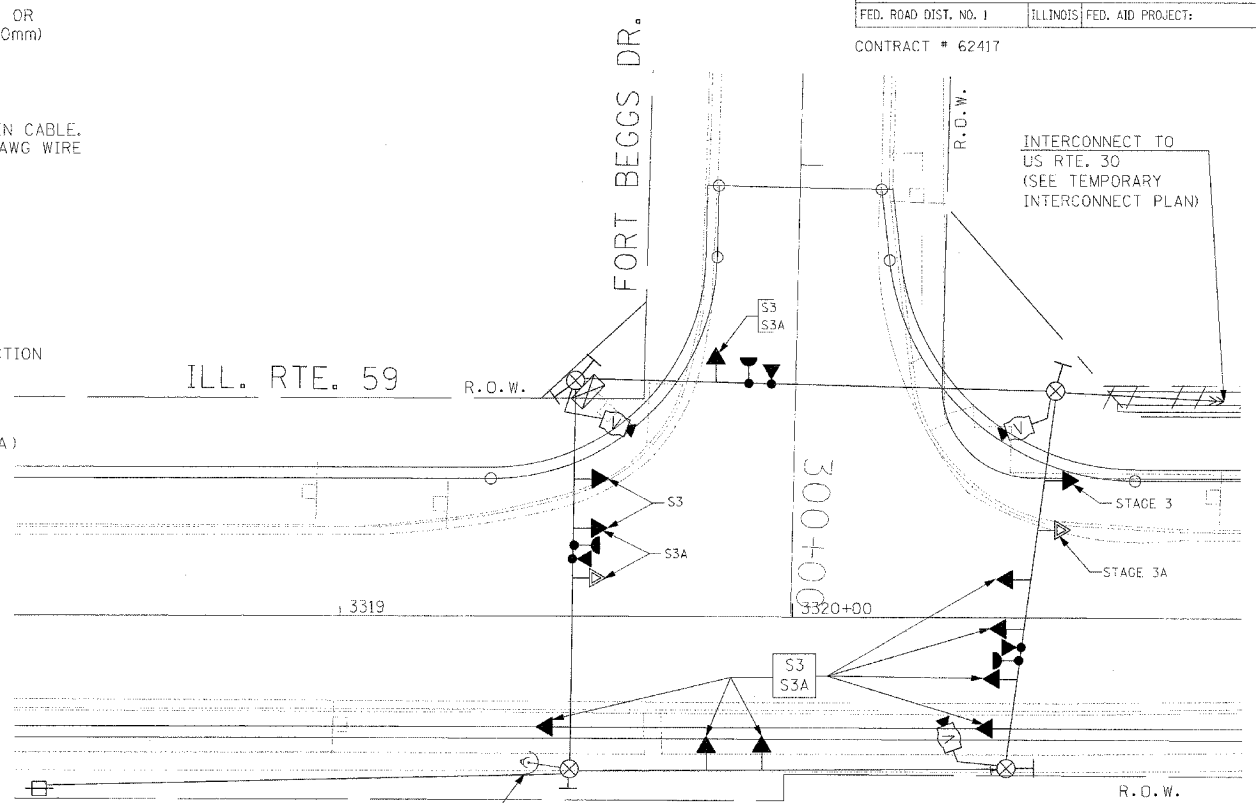


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113 & 114)R-5	WILL	525	377
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT:			
CONTRACT # 62417				



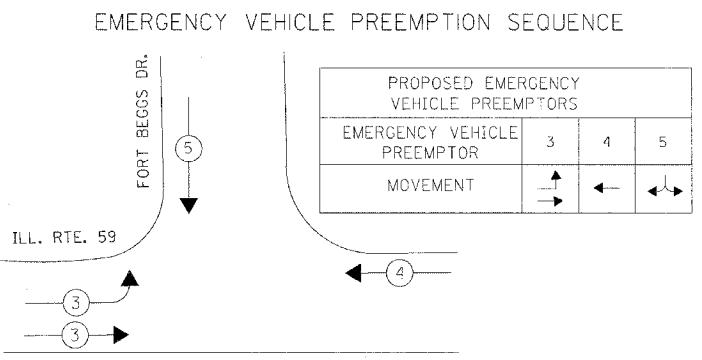
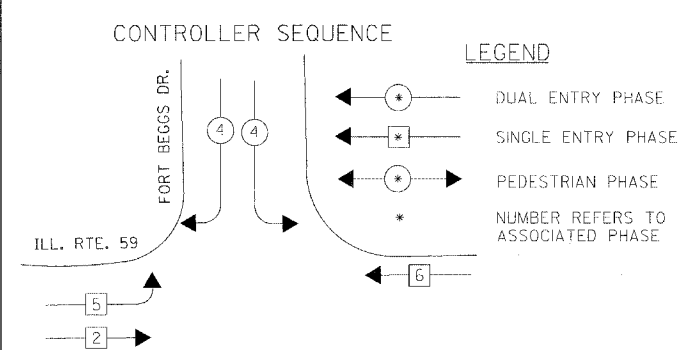
TEMPORARY CABLE DIAGRAM LEGEND

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



TEMPORARY CABLE PLAN (NOT TO SCALE)
STAGES: STAGE 3 AND AFTER
PROPOSED ROADWAY GEOMETRICS
ARE BUILT AND OPEN TO TRAFFIC

TEMPORARY TRAFFIC SIGNAL PLAN (SCALE 1"=20')
STAGES: STAGE 3 AND AFTER
PROPOSED ROADWAY GEOMETRICS
ARE BUILT AND OPEN TO TRAFFIC



TEMPORARY PHASE DESIGNATION DIAGRAM
STAGES: STAGE 3

EMERGENCY VEHICLE PREEMPTION SEQUENCE
STAGES: STAGE 3

TEMPORARY CABLE PLAN NOTES:

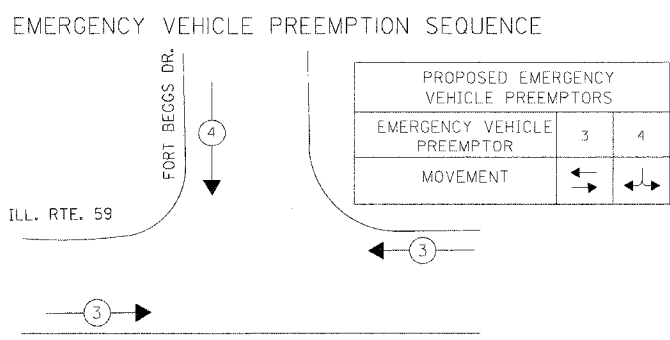
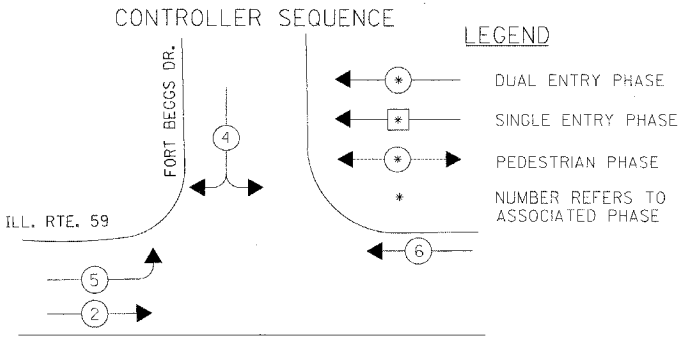
- NOTE 1: DURING CONSTRUCTION STAGE STAGE 3 THESE GREEN AND YELLOW LEFT ARROW INDICATION SECTIONS SHALL BE BAGGED AND DISCONNECTED AT THE CONTROLLER. THEY SHALL BE UNBAGGED AND CONNECTED AFTER CONSTRUCTION STAGE 3 UNTIL PROPOSED TRAFFIC SIGNALS ARE MADE OPERATIONAL.
- NOTE 2: THESE SIGNAL HEADS SHALL BE BAGGED AND DISCONNECTED AT THE CONTROLLER AFTER CONSTRUCTION STAGE 3, WHEN ALL THE PROPOSED ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC. THESE SIGNAL HEADS CAN BE REMOVED AFTER STAGE 3 WITH APPROVAL OF THE ENGINEER.
- NOTE 3: DURING WINTER SHUTDOWN THE SIGNAL HEAD PLACEMENTS SHALL BE SIMILAR TO STAGE 3 OR AS DIRECTED BY THE ENGINEER.

TEMPORARY TRAFFIC SIGNAL LEGEND

- [←] TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- [←] TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- [X] TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- [X] TEMPORARY CONTROLLER CABINET
- [S] TEMPORARY SERVICE INSTALLATION
- [] TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- [V] MICROWAVE VEHICLE SENSOR
- [○] PEDESTRIAN PUSHBUTTON DETECTOR
- [V] EMERGENCY VEHICLE LIGHT DETECTOR
- [B] CONFIRMATION BEACON
- [□] VEHICLE DETECTOR, INDUCTION LOOP
- [CT] COMMON TRENCH
- [UD] UNIT DUCT
- [] G.S. CONDUIT IN GROUND
- [] HANDHOLE
- [] HEAVY DUTY HANDHOLE
- [A] WIRELESS INTERCONNECT (ANTENNA)
- [V] VIDEO CAMERA ASSEMBLY

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE	%OPERATION		
SIGNAL (RED)	11	135	17	0.50	93.5
(YELLOW)	11	135	25	0.25	68.8
(GREEN)	11	135	15	0.25	41.3
ARROW		90	12	0.10	
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 =	303.5

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAMBURG, ILLINOIS 60196-1096
ENERGY SUPPLY CONTACT: MS. BETTY BRULC
PHONE: (815) 724-5052
COMPANY: COMED



TEMPORARY PHASE DESIGNATION DIAGRAM
AFTER PROPOSED ROADWAY GEOMETRICS
ARE BUILT AND OPEN TO TRAFFIC

EMERGENCY VEHICLE PREEMPTION SEQUENCE
AFTER PROPOSED ROADWAY GEOMETRICS
ARE BUILT AND OPEN TO TRAFFIC

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

REVISIONS	
NAME	DATE
PKG, MAA	05-01-08

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631 TEL: (773) 774-5900

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY TRAFFIC SIGNAL INSTALLATION
TEMPORARY CABLE PLAN,
PHASE DESIGNATION DIAGRAM, AND
EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILLINOIS ROUTE 59 AT FORT BEGGS DRIVE
(SHEET 3 OF 3)
SCALE: AS NOTED
DATE: 03/18/2008
DRAWN BY: BB/KP
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM