

TEMPORARY CABLE PLAN
 STAGES: STAGE 5, STAGE 5A, STAGE 5B, STAGE 6, AND STAGE 6A AND AFTER ALL THE PROPOSED ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC
 (NOT TO SCALE)

TEMPORARY CABLE PLAN NOTES:

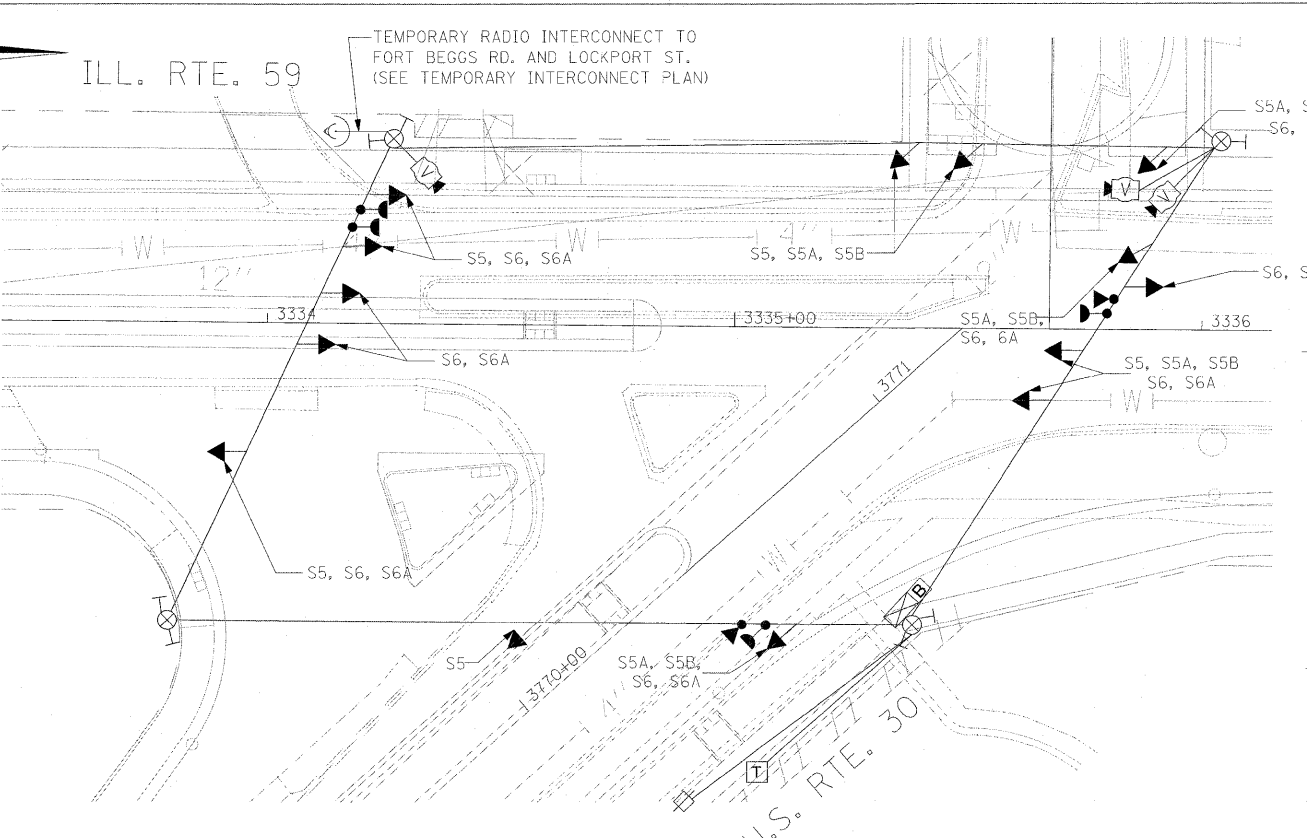
- NOTE 1: THESE SIGNAL HEADS PLACEMENT FOR WESTBOUND DIRECTION OF TRAFFIC IS FOR STAGES 6 AND 6A ONLY. THE ORIGINAL 5-SECTION SIGNAL HEADS CAN BE MODIFIED AS SHOWN BY DISCONNECTING AND BAGGING THE LEFT TURN ARROW SECTION AS SHOWN
- NOTE 2: THESE SIGNAL HEADS WITH ALL ARROW SECTION FOR SOUTHBOUND DIRECTION OF TRAFFIC ARE NEEDED FOR CONSTRUCTION STAGES 6 AND 6A ONLY

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	INCAND. WATTAGE	LED WATTAGE	%OPERATION	
SIGNAL (RED)	11	135	17	0.50	93.5
(YELLOW)	11	135	25	0.25	68.75
(GREEN)	11	135	15	0.25	41.25
ARROW		135	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 SCHAUMBURG, ILLINOIS 60196-1096					
ENERGY SUPPLY CONTACT: MR. DALE BALLINGER PHONE: (815) 724-5717 COMPANY: COMED					

FILE NAME = #FILE#
 USER NAME = #USER#
 DESIGNED - PKG, RRM
 DRAWN - BB, ME, YB
 CHECKED - PKG, RRM
 PLOT DATE = 1/13/2009
 DATE - 10/15/2008

TEMPORARY CABLE DIAGRAM LEGEND

- [R] TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- [C] 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.
- [E] EMERGENCY VEHICLE LIGHT DETECTOR
- [C] CONFIRMATION BEACON
- [V] VEHICLE DETECTOR, INDUCTION LOOP
- [P] PEDESTRIAN PUSHBUTTON DETECTOR
- [12"] 12" (300mm) PEDESTRIAN SIGNAL SECTION
- [M] MICROWAVE VEHICLE SENSOR
- [T] TELEPHONE CONNECTION
- [W] WIRELESS INTERCONNECT (ANTENNA)
- [B] UPS-BATTERY BACK-UP

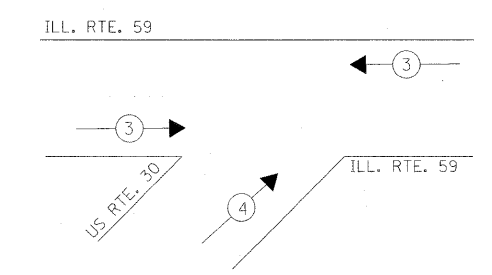


TEMPORARY TRAFFIC SIGNAL PLAN
 STAGES: STAGE 5, STAGE 5A, STAGE 5B, STAGE 6, AND STAGE 6A AND AFTER ALL THE PROPOSED ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC
 (SCALE 1"=20')

TEMPORARY TRAFFIC SIGNAL LEGEND

- [A] TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- [B] TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- [C] TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- [D] TEMPORARY CONTROLLER CABINET
- [E] TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- [F] TEMPORARY SERVICE INSTALLATION
- [G] TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- [H] MICROWAVE VEHICLE SENSOR
- [I] PEDESTRIAN PUSHBUTTON DETECTOR
- [J] EMERGENCY VEHICLE LIGHT DETECTOR
- [K] CONFIRMATION BEACON
- [L] VEHICLE DETECTOR, INDUCTION LOOP
- [M] COMMON TRENCH
- [N] UNIT DUCT
- [O] G.S. CONDUIT IN GROUND
- [P] HANDHOLE
- [Q] HEAVY DUTY HANDHOLE
- [R] TELEPHONE CONNECTION
- [S] WIRELESS INTERCONNECT (ANTENNA)
- [T] UPS-BATTERY BACK-UP

EMERGENCY VEHICLE PREEMPTION SEQUENCE

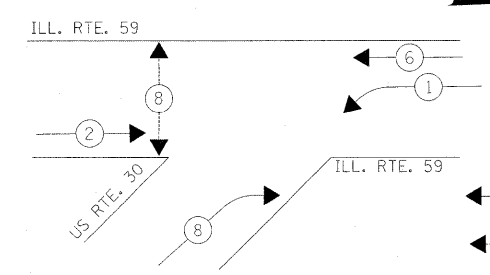


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PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	→

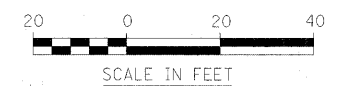
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM
 STAGES: STAGE 5, STAGE 5A, STAGE 5B, STAGE 6, AND STAGE 6A AND AFTER ALL THE PROPOSED ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC

- LEGEND**
- [*] DUAL ENTRY PHASE
 - [*] PEDESTRIAN PHASE
 - [*] NUMBER REFERS TO ASSOCIATED PHASE



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE ILLINOIS ROUTE 59 AT US. ROUTE 30 STAGE 5, STAGE 5A, STAGE 5B, STAGE 6 AND STAGE 6A (SHEET 3 OF 3)
 SCALE: SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	113 N-2	WILL	260	183
CONTRACT NO. 60E73			FAP 338 (ILL. RTE. 59)	