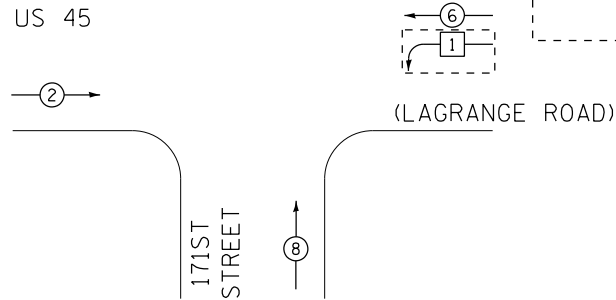


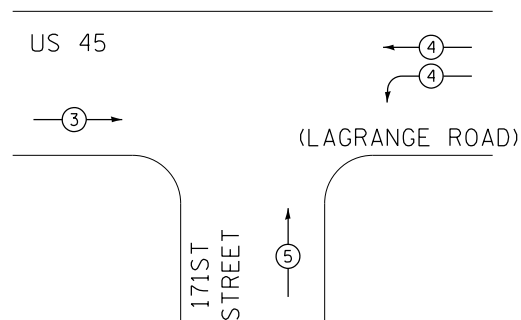
TEMPORARY CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM LEGEND

- ⊙ DUAL ENTRY PHASE
- ⊠ SINGLE ENTRY PHASE
- ⊙ PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE
- - - PHASE DISABLED IN STAGES 1 AND 2A

TEMPORARY PHASE DESIGNATION DIAGRAM



TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE

TEMPORARY EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTORS	3	4	5
MOVEMENT	→	↶	↑

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE (INCANDESC.)	LED	% OPERATION	
SIGNAL (RED)	11		17	0.50	93.5
(YELLOW)	11		25	0.25	68.8
(GREEN)	11		15	0.25	41.3
ARROW	4		12	0.10	4.8
PED. SIGNAL	--		25	1.00	0.0
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN	--		25	0.05	0.0
VIDEO SYSTEM	1		150	1.00	150.0
FLASHER			25	0.50	
ENERGY COST TO: 100% I.D.O.T.					TOTAL = 458.4

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAY/DISTRICT 1
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: KATHRYN SUGRUE
 PHONE: (708) 235-2337
 COMPANY: COMMONWEALTH EDISON

NOTE:

AT 171ST STREET AND US ROUTE 45, THE ELECTRICAL SERVICE CABLE SHALL BE PULLED BACK TO THE HANDHOLE LOCATED AT STA. 453+49, AND REROUTED TO THE TEMPORARY CONTROLLER VIA NEW 2" CONDUIT.

AT 171ST STREET AND 94TH AVENUE, THE ELECTRICAL SERVICE CABLE SHALL BE PULLED BACK TO THE HANDHOLE LOCATED AT STA. 463+52, AND REROUTED TO THE NEW ELECTRICAL SERVICE INSTALLATION VIA NEW 2" CONDUIT.

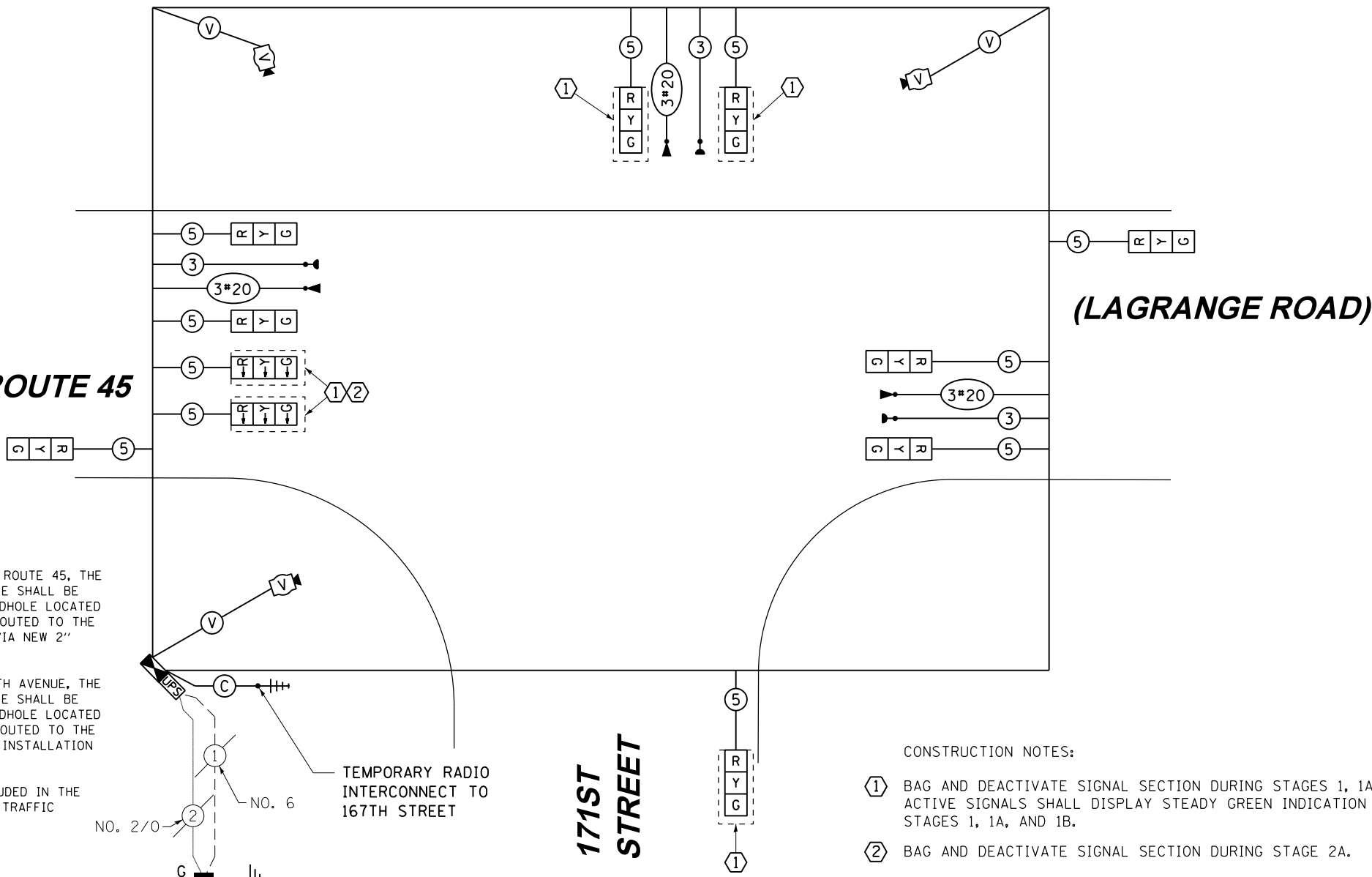
ALL WORK SHALL BE INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.

NOTE:
 ELECTRICAL SERVICE INSTALLATION IS LOCATED AT THE INTERSECTION OF 171ST STREET AND 94TH AVENUE

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
 THE TEMPORARY TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

US ROUTE 45



TEMPORARY CABLE PLAN
 PRE-STAGE, STAGE 1, 2, 3, 4 & FINAL GEOMETRICS

CONSTRUCTION NOTES:

- ① BAG AND DEACTIVATE SIGNAL SECTION DURING STAGES 1, 1A, AND 1B. ACTIVE SIGNALS SHALL DISPLAY STEADY GREEN INDICATION DURING STAGES 1, 1A, AND 1B.
- ② BAG AND DEACTIVATE SIGNAL SECTION DURING STAGE 2A.

100 S. WACKER DR.
 SUITE 600
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4998
URS

FILE NAME = D:\60F05-SHT-TD21.dgn	USER NAME = Frank.Stallone	DESIGNED - MRF	REVISIONS
SHT.PLAN	PLOT SCALE = 48.0000' / in.	DRAWN - MRF	REVISIONS
	PLOT DATE = 3/14/2013	CHECKED - MJL	REVISIONS
		DATE - 03/13/13	REVISIONS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
 US 45 (LAGRANGE ROAD) AND 171ST STREET

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-3	COUNTY COOK	TOTAL SHEETS 932	SHEET NO. 480
TD-21		CONTRACT NO. 60F05		
ILLINOIS FED. AID PROJECT				