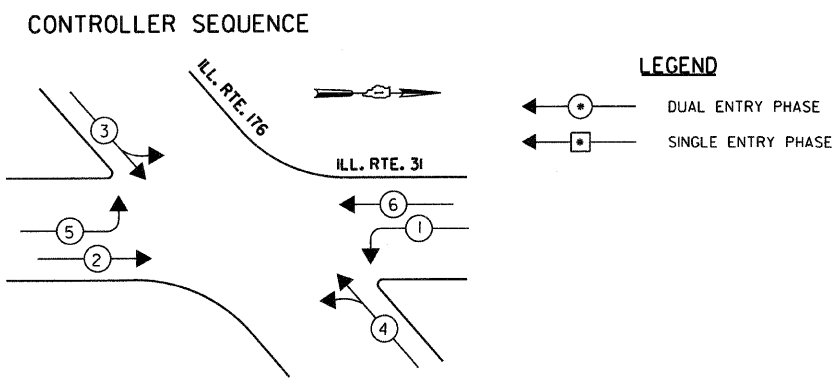
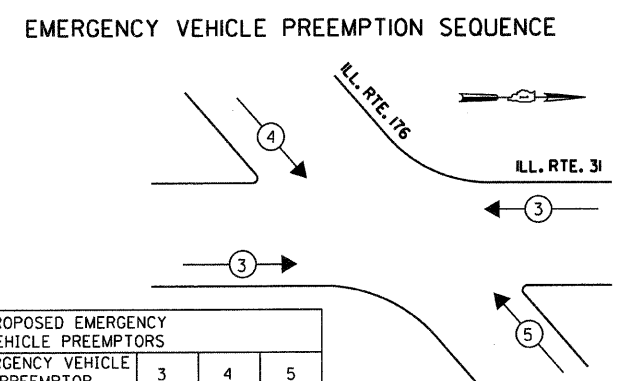


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	168
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT:	

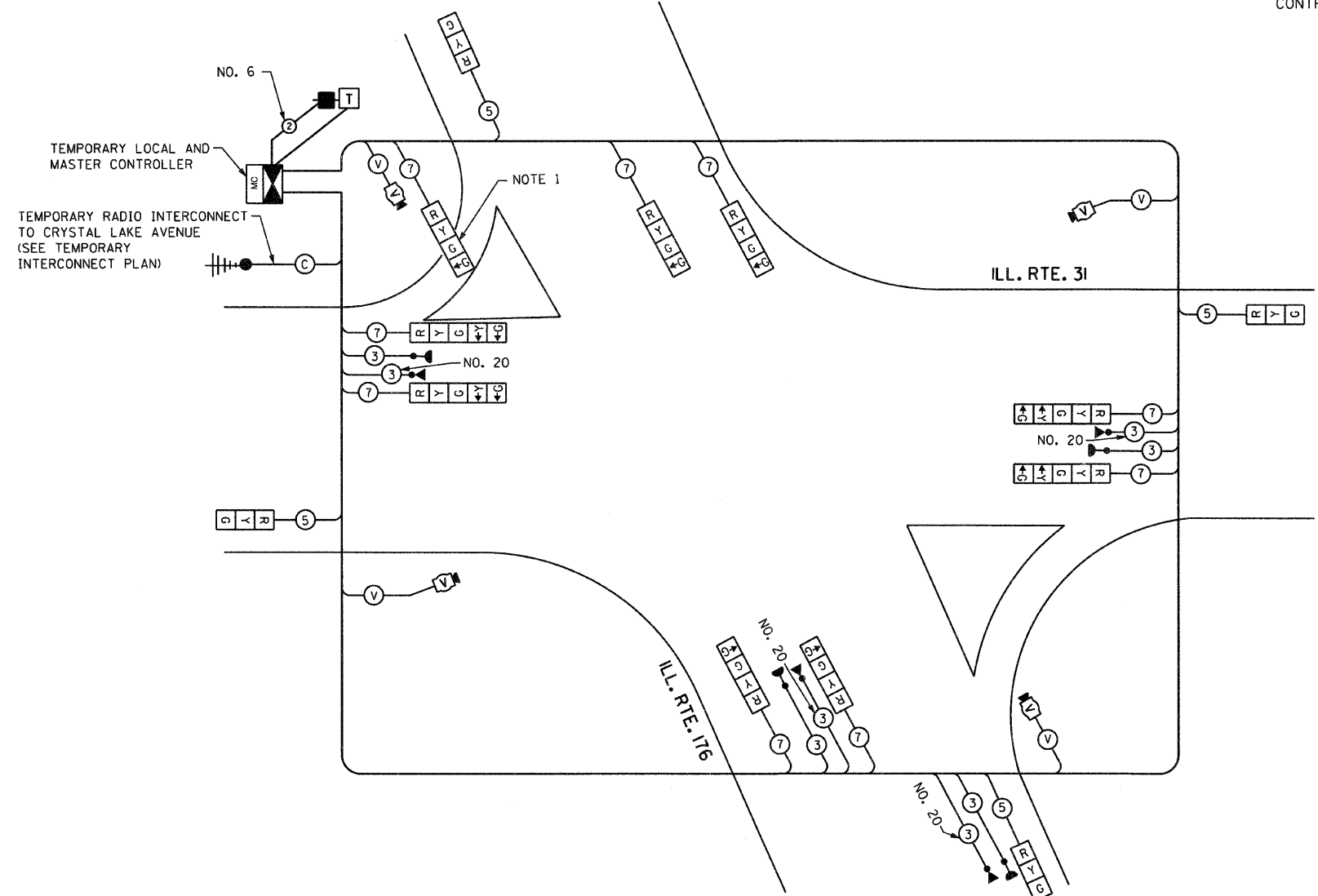
CONTRACT NO. - 62537



TEMPORARY PHASE DESIGNATION DIAGRAM FOR PRE-CONSTRUCTION STAGE AND STAGE 1



FOR PRE-CONSTRUCTION STAGE AND STAGE 1



CABLE PLAN PRE-CONSTRUCTION STAGE AND STAGE 1

CONSTRUCTION NOTES

NOTE 1: THE 4-SECTION FAR LEFT BRACKET MOUNTED SIGNAL HEAD FOR WESTBOUND ILL. RTE. 176 DIRECTION OF TRAFFIC SHALL BE USED FOR PRE-CONSTRUCTION STAGE AND STAGE 1 ONLY. THE SIGNAL HEAD SHALL BE DISCONNECTED AT THE CONTROLLER AND BAGGED AFTER CONSTRUCTION STAGE 1 OR SHALL BE REMOVED WITH THE APPROVAL OF THE ENGINEER.

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

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE	
TYPE	NO LAMPS	WATTAGE		%OPERATION		
SIGNAL (RED)	13	135	17	0.50	110.5	
	(YELLOW)	13	135	25	0.25	81.25
	(GREEN)	18	135	15	0.25	67.5
ARROW	8	135	12	0.10	9.6	
PEDESTAL SIGNAL	90	90	25	1.00	0.0	
CONTROLLER	1	100	100	1.00	100.0	
ILLUM. SIGN				0.05		
VIDEO SYSTEM	1	150		1.00	150	
FLASHER				0.50		
ENERGY COSTS TO:					TOTAL = 518.85	

5% FILED  
30 DAYS  
5 TIMES

ILLINOIS DEPARTMENT OF TRANSPORTATION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196-1096  
ENERGY SUPPLY CONTACT: LISA COOK  
PHONE: (815) 477-5204  
COMPANY: COMED

**GO** GANDHI AND ASSOCIATES, INC.  
ENGINEERS AND PLANNERS  
6035 N. NORTHWEST HIGHWAY  
SUITE 306  
CHICAGO, ILLINOIS 60631 TEL. (773) 774-5910

REVISIONS	
NAME	DATE
EA	11/21/2011

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, ILLINOIS ROUTE 31 AT ILLINOIS ROUTE 176 (SHEET 4 OF 5)  
SCALE: N.T.S.  
DATE: 02/10/2012  
DRAWN BY: KGP  
DESIGNED BY: PKG  
CHECKED BY: PKG