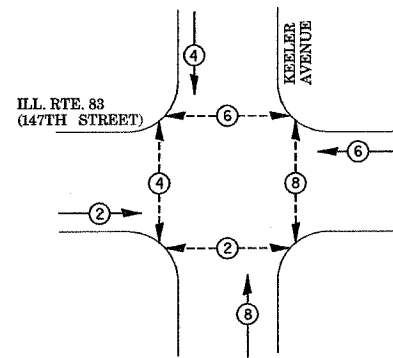


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1602	2004-021TS	COOK	25	15
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62740				

CONTROLLER SEQUENCE



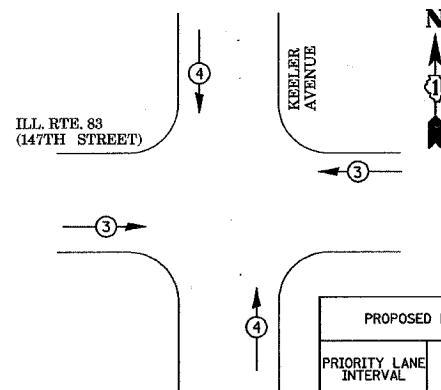
- LEGEND**
- ⊛ DUAL ENTRY PHASE
 - ⊙ PEDESTRIAN PHASE
 - * NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

DUAL ENTRY - ALL LEGS
PERMITTED LEFT TURN PHASING

EMERGENCY VEHICLE PREEMPTION SEQUENCE

FOR DUAL ENTRY OPERATION - ALL LEGS



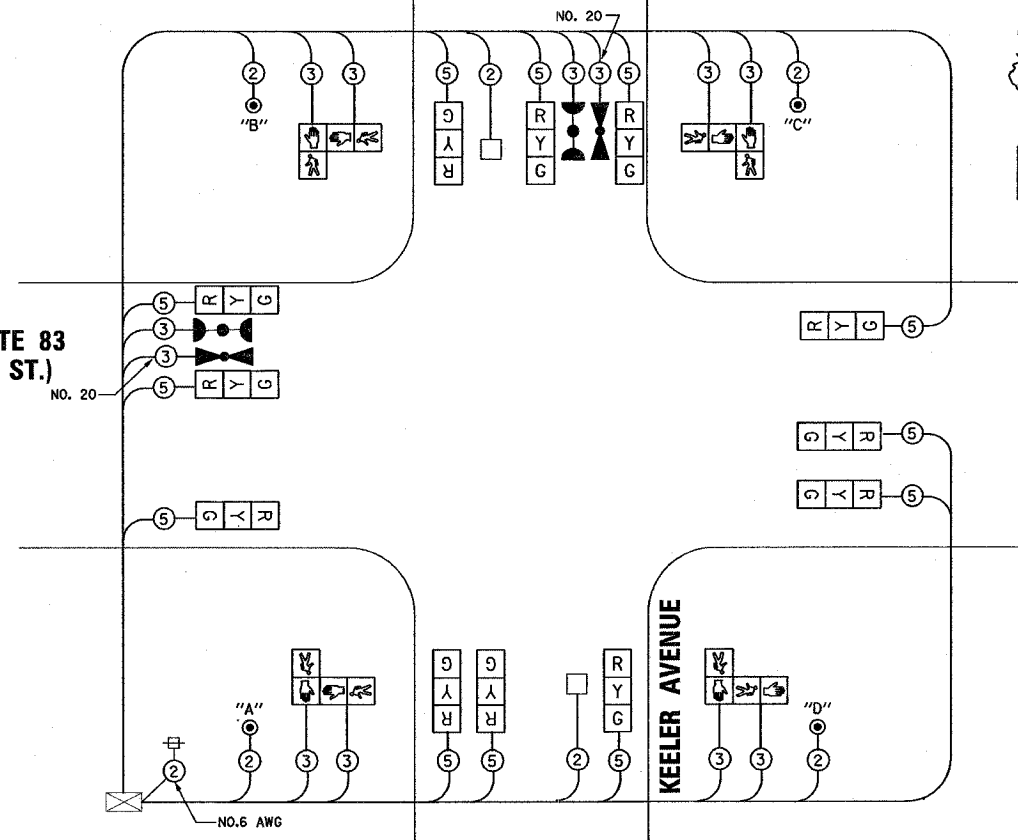
PROPOSED PRIORITY LANES		
PRIORITY LANE INTERVAL	3	4
MOVEMENT	← →	↑ ↓

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	12	135	17	0.50	810.0
(YELLOW)	12	135	25	0.25	405.0
(GREEN)	12	135	15	0.25	405.0
ARROW	-	135	12	0.10	-
PED. SIGNAL	8	90	25	1.00	720.0
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN	-	84	-	0.05	-
FLASHER	-	-	-	0.50	-
TOTAL =					2440.0

ENERGY COSTS - BILLED TO: VILLAGE OF MIDLOTHIAN
 (ADDRESS) 14801 S. PULASKI ROAD
 MIDLOTHIAN, IL 60445

ENERGY SUPPLY - CONTACT: LARRY WOODLE
 PHONE: (708) 235-2327
 COMPANY: COMMONWEALTH EDISON

ILL. ROUTE 83 (147TH ST.)



CABLE PLAN

PUSH-BUTTON NOTES:

- PUSH-BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4
- PUSH-BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6
- PUSH-BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8
- PUSH-BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8

TEMPORARY CABLE DIAGRAM LEGEND

- ⊞ TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300 mm)
- ⊞ 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
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- VEHICLE DETECTOR, INDUCTION LOOP
- ⊞ 12" (300mm) PEDESTRIAN SIGNAL SECTION
- MICROWAVE VEHICLE SENSOR
- ⊞ TEMPORARY TRAFFIC SIGNAL FACE ("L" INDICATES LOUVERED HOOD)

SETON ENGINEERING
 SERVICE CORPORATION
 CIVIL ENGINEERS

19 S. BOWHILL STREET
 PALATINE, ILLINOIS 60067
 VOICE: 847-776-7200 FAX: 847-776-7239

SETON PROJECT • 2002001-007-011

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY CABLE PLAN,
 TEMPORARY PHASE DESIGNATION DIAGRAM
 AND TEMPORARY EMERGENCY VEHICLE
 PREEMPTION SEQUENCE

ILL. ROUTE 83 (147TH STREET) AT
 KEELER AVENUE
 MIDLOTHIAN, ILLINOIS

SCALE: N.T.S.
 DATE 09-20-2004

DRAWN BY CWC
 DESIGNED BY VO
 CHECKED BY TJM