

SEQUENCE OF OPERATION

MOVEMENT	McCORNACK RD.		McCORNACK RD.		McCORNACK RD.		McCORNACK RD.		F L A S H	
	IL. RTE.72		IL. RTE.72		IL. RTE.72		IL. RTE.72			
PHASE	2		6		8					
INTERVAL	1	2A	2B	3	4A	4B	5	6A	6B	
CHANGE TO		6, 8			2, 8			2, 6		
IL. RTE.72 SIGNAL (WEST BOUND)	G	Y	R	R	R	R	R	R	R	R
IL. RTE.72 SIGNAL (EAST BOUND)	R	R	R	G	Y	R	R	R	R	R
McCORNACK RD. SIGNAL (EAST BOUND & WEST BOUND)	R	R	R	R	R	R	G	Y	R	R

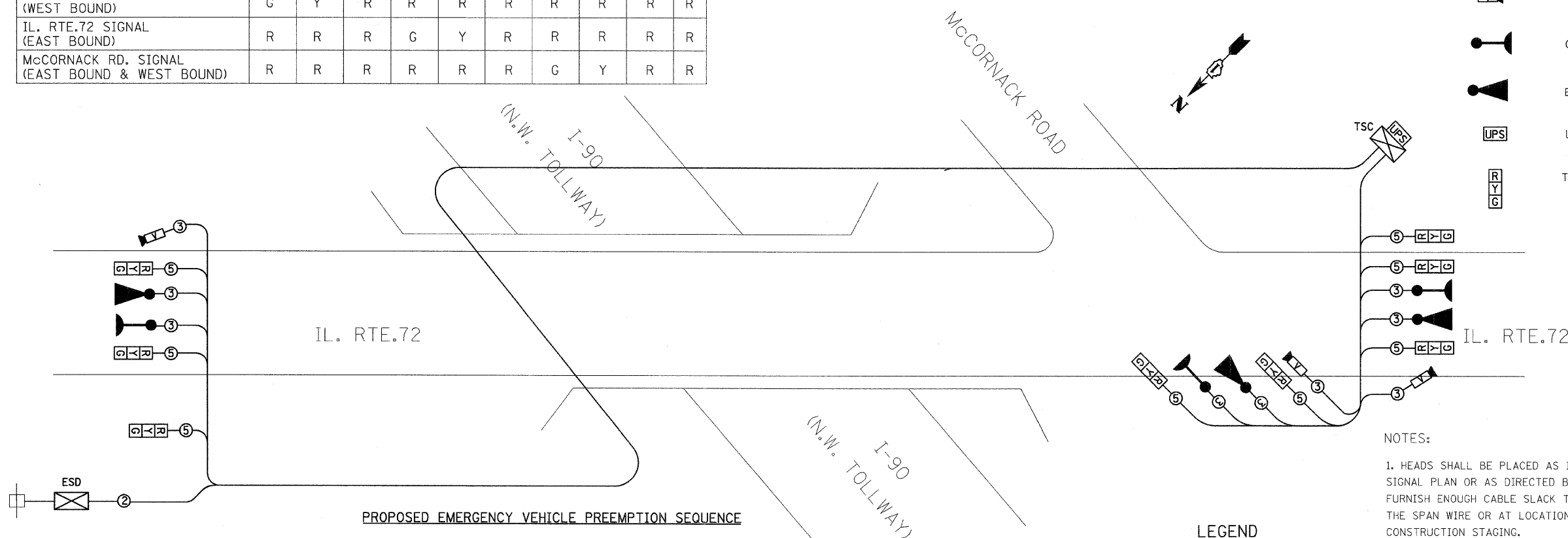
TEMPORARY TRAFFIC SIGNAL BILL OF MATERIALS

DESCRIPTION	UNIT	QUANTITY
TEMPORARY BRIDGE TRAFFIC SIGNAL INSTALLATION	EACH	1

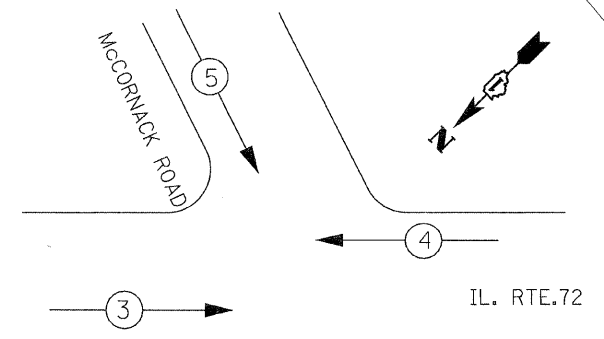
TEMPORARY CABLE DIAGRAM LEGEND

PROPOSED

- R TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300 mm)
- TSC TEMPORARY TRAFFIC SIGNAL CONTROLLER
- ESD ELECTRIC SERVICE DISCONNECT, LIGHTING AND TRAFFIC SIGNAL
- EXISTING COMED ELECTRIC SERVICE TRANSFORMER
- 5 INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- VIDEO DETECTOR SENSOR
- CONFIRMATION BEACON
- EMERGENCY VEHICLE LIGHT DETECTOR
- UPS UNINTERRUPTIBLE POWER SUPPLY
- R Y G TEMPORARY TRAFFIC SIGNAL HEAD (L.E.D.)



PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND

- SINGLE ENTRY PHASE
- NUMBER REFERRING TO ASSOCIATED PHASE

PROPOSED EMERGENCY VEHICLE PREEMPTORS			
PRIORITY LANE INTERVAL	3	4	5
MOVEMENT	→	←	↓

NOTES:

1. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING.
2. THE PROPOSED TEMPORARY BRIDGE TRAFFIC SIGNAL SHALL BE ACTIVATED, TESTED OPERATIONAL AND APPROVED BY THE ENGINEER BEFORE ANY PERMANENT LANE CLOSURES.
3. ALL LABOR AND MATERIALS TO COMPLY WITH THESE REQUIREMENTS SHALL BE CONSIDERED INCLUDED IN THE BID PRICE OF TEMPORARY BRIDGE TRAFFIC SIGNAL INSTALLTION.
4. TEMPORARY TRAFFIC SIGNAL TO SHARE TEMPORARY ELECTRIC LIGHTING WOOD POLES TL-1 THROUGH TL-6.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		%OPERATION	
SIGNAL (RED)	8	INCAND.	17	0.50	68
		LED	25	0.25	
			15	0.25	
ARROW (GREEN)	8	135	12	0.10	30
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN		84		0.05	
EVP	1		25	1.00	25
V.D.S.	1		25	1.00	25
FLASHER				0.50	--
TOTAL =					298

ENERGY COSTS TO BE IDOT DISTRICT 1 TOTAL = 298
 BILLED TO ADDRESS: 201 W.CENTER COURT
 SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY CONTACT: KRISTI BUTTS
 PHONE: (847) 608-2331
 COMPANY: COM. ED.