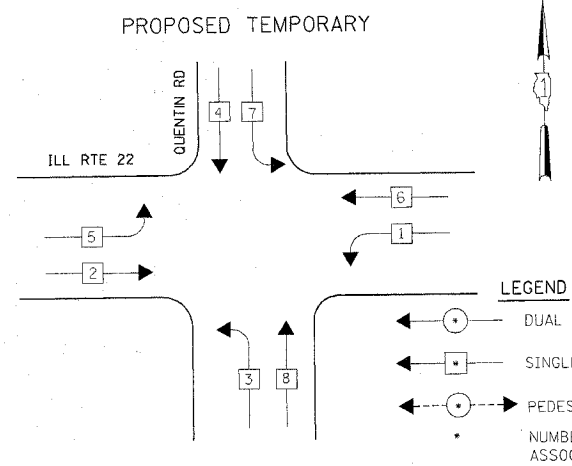
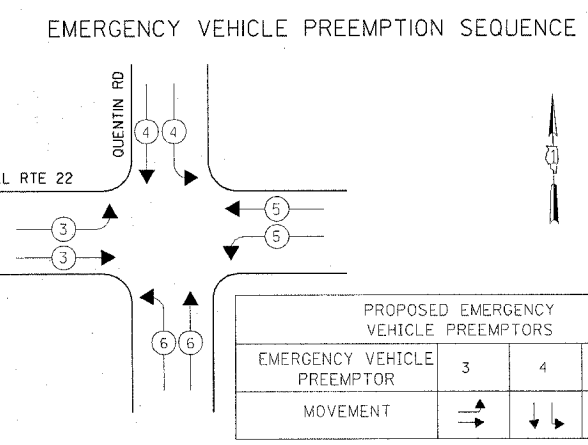


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	185
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT:		

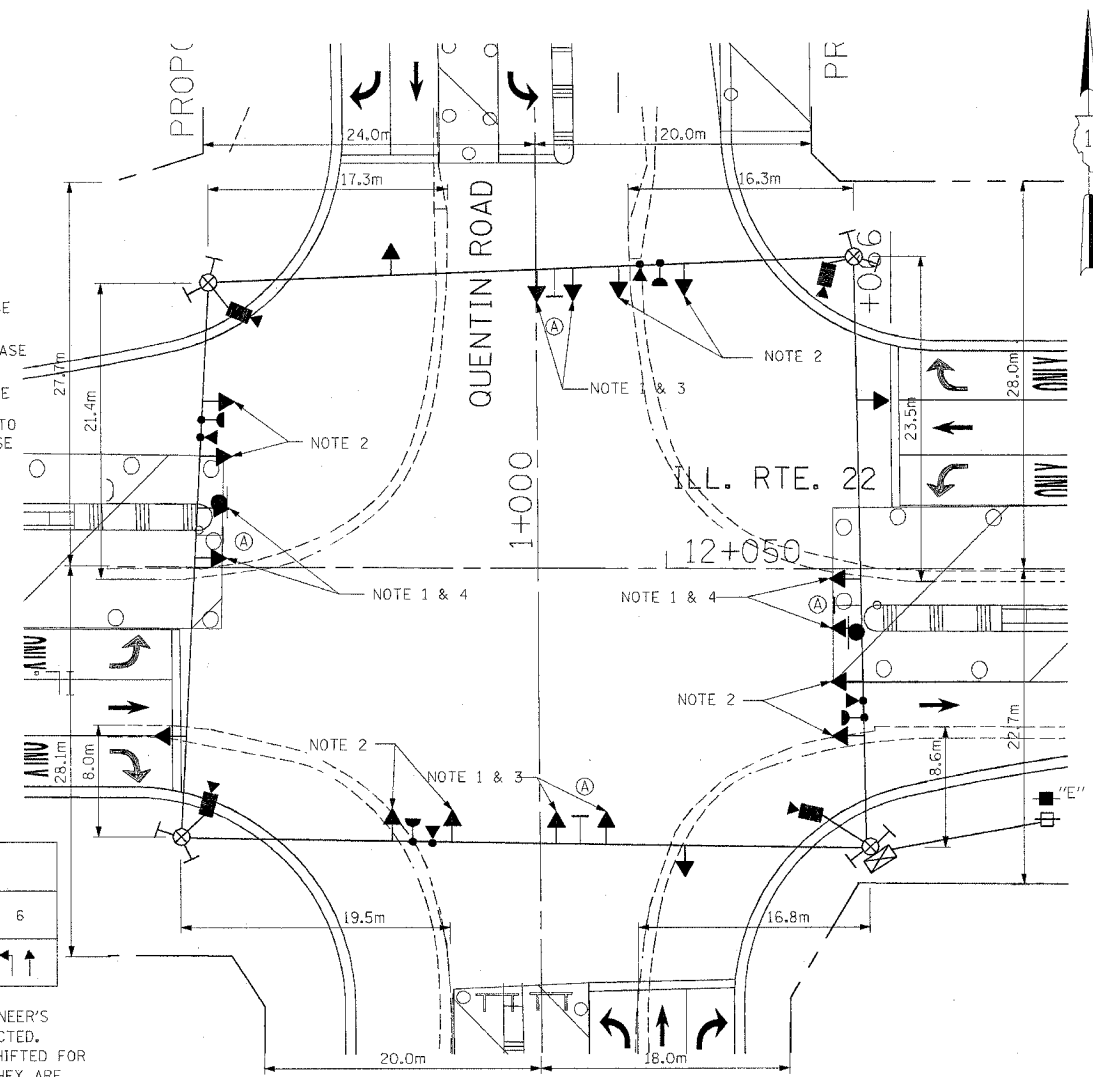
CONTRACT NO. 62030



TEMPORARY PHASE DESIGNATION DIAGRAM FOR CONSTRUCTION STAGE III



- NOTE 1 THE PROPOSED PROTECTED LEFT TURN SIGNAL HEADS MAY BE, WITH ENGINEER'S APPROVAL, INSTALLED AT THE TIME THE TEMPORARY SIGNAL IS CONSTRUCTED. THESE SIGNAL HEADS WILL NOT BE NEEDED UNTIL TRAFFIC LANES ARE SHIFTED FOR STAGE III CONSTRUCTION. THE SIGNAL HEADS SHALL BE BAGGED UNTIL THEY ARE PLACED IN OPERATION.
- NOTE 2 THE GREEN AND YELLOW LEFT TURN ARROW INDICATIONS SHALL BE BAGGED AND DISCONNECTED PRIOR TO THE CONNECTION AND UNBAGGING OF THE PROTECTED LEFT TURN SIGNAL INDICATIONS FOR ILLINOIS ROUTE 22 AND QUENTIN ROAD FOR STAGE III CONSTRUCTION.
- NOTE 3 AT THE COMPLETION OF STAGE III CONSTRUCTION, AFTER ALL THE PROPOSED ROADWAY GEOMETRICS ARE IN PLACE PRIOR TO NEW PERMANENT SIGNAL BECOMES OPERATIONAL, THE PROTECTED LEFT TURN SIGNAL HEADS FOR QUENTIN ROAD SHALL BE REMOVED AND THE LEFT TURN ARROW INDICATION SECTIONS IN THE 5-SECTION SIGNAL HEADS SHALL BE UNBAGGED AND PLACED BACK IN OPERATION. (FOR QUENTIN ROAD ONLY.)
- NOTE 4 THE PROTECTED LEFT TURN SIGNAL HEADS FOR ILLINOIS ROUTE 22 SHALL REMAIN IN OPERATION AFTER STAGE III CONSTRUCTION WHEN ALL THE PROPOSED ROADWAY GEOMETRICS ARE IN PLACE. PRIOR TO NEW PERMANENT SIGNAL INSTALLATION IS PLACED IN OPERATION.



TEMPORARY TRAFFIC SIGNAL INSTALLATION

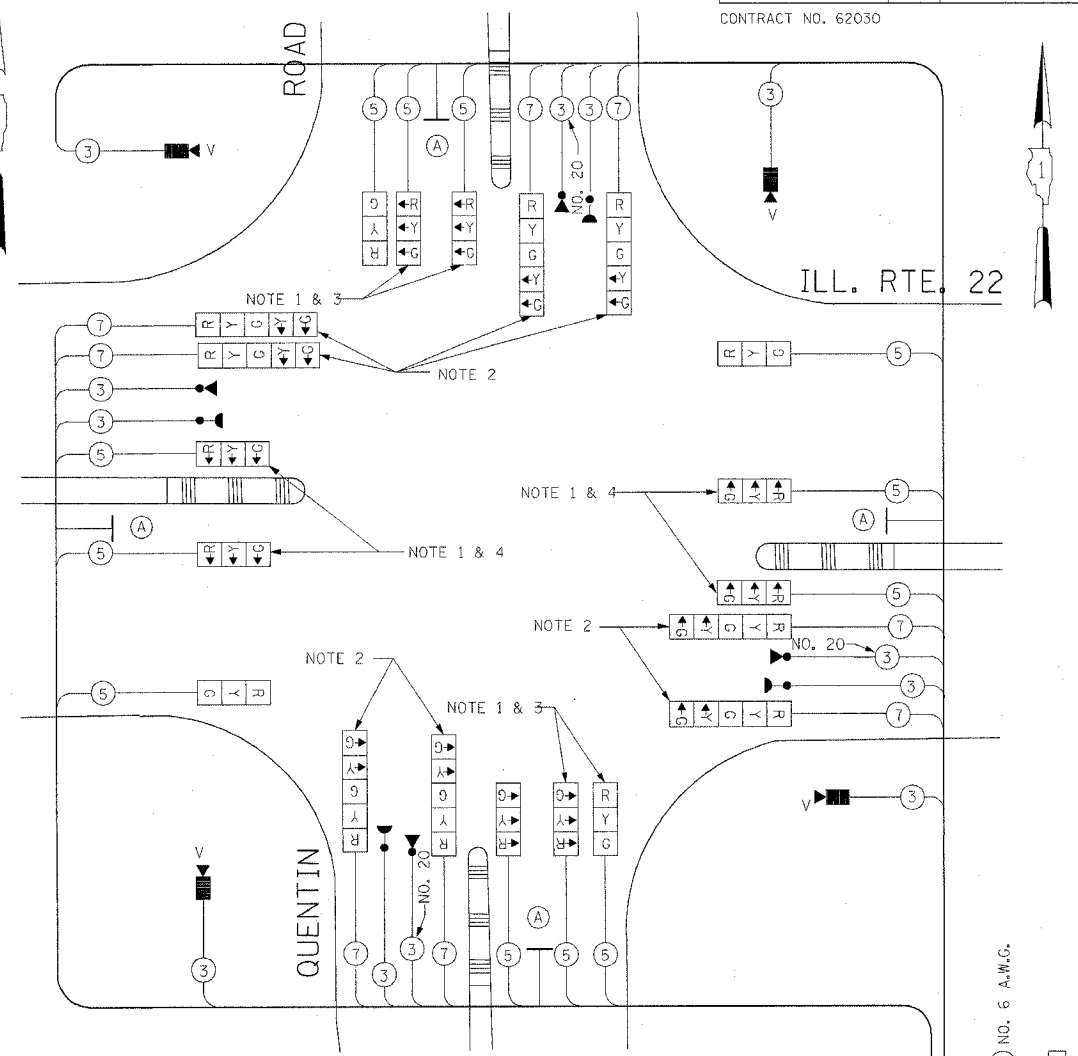
SCALE IN METERS  
HORIZ. (1:250) 5 0 5

EXISTING EQUIPMENT TO BE REMOVED LEGEND

- ← EXISTING SIGNAL TO BE REMOVED
- "E" EXISTING SERVICE INSTALLATION TO BE REMOVED
- EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- ⊙ EXISTING MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ⊞ "E" EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- ⊞ "E" EXISTING HANDHOLE TO BE REMOVED
- ⊞ "E" EXISTING DOUBLE HANDHOLE TO BE REMOVED
- PEDESTRIAN SIGNAL TO BE REMOVED
- ⊙ EXISTING PEDESTRIAN PUSH-BUTTON TO BE REMOVED
- ⊙ EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- ⊙ CONFIRMATION BEACON TO BE REMOVED
- ⊙ "E" EXISTING HEAVY DUTY HANDHOLE TO BE REMOVED
- EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED

TEMPORARY TRAFFIC SIGNAL LEGEND

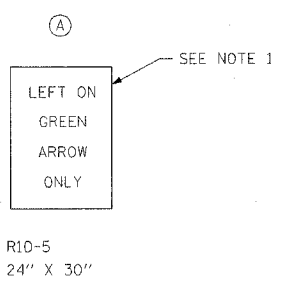
- ← TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- ← TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- ⊞ TEMPORARY CONTROLLER CABINET
- ⊞ TEMPORARY SERVICE INSTALLATION
- ⊞ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ⊞ VIDEO CAMERA ASSEMBLY
- ⊞ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊞ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊞ CONFIRMATION BEACON
- ⊞ VEHICLE DETECTOR, INDUCTION LOOP
- CT COMMON TRENCH
- UD UNIT DUCT
- ⊞ G.S. CONDUIT IN GROUND
- ⊞ HANDHOLE
- ⊞ HEAVY DUTY HANDHOLE



TEMPORARY CABLE PLAN  
NOT TO SCALE

TEMPORARY CABLE DIAGRAM LEGEND

- ⊞ TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- ⊞ TEMPORARY CONTROLLER CABINET
- ⊞ TEMPORARY SERVICE INSTALLATION
- ⑤ INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- ⊞ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊞ CONFIRMATION BEACON
- ⊞ VEHICLE DETECTOR, INDUCTION LOOP
- ⊞ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊞ 12" (300mm) PEDESTRIAN SIGNAL SECTION
- ⊞ VIDEO CAMERA ASSEMBLY



TYPE	NO LAMPS	WATTAGE		%OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	20	135	17	0.50	1350.00
(YELLOW)	20	135	25	0.25	675.00
(GREEN)	20	135	15	0.25	675.00
ARROW		135	12	1.00	
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	0.05	100.00
ILLUM. SIGN					
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL =
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHALMBURG, ILLINOIS 60196-1096					28000.00
ENERGY SUPPLY CONTACT: JOAN COOK					
PHONE: (847) 816-5461					
COMPANY: LIBERTYVILLE OFFICE					

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TEMPORARY TRAFFIC SIGNAL INSTALLATION FOR CONSTRUCTION STAGE III ILLINOIS ROUTE 22 AT QUENTIN ROAD**

SCALE: AS NOTED  
DATE: MARCH 11, 2005

DRAWN BY: EAO  
DESIGNED BY: BC/PKG  
CHECKED BY: PKG/RMM