












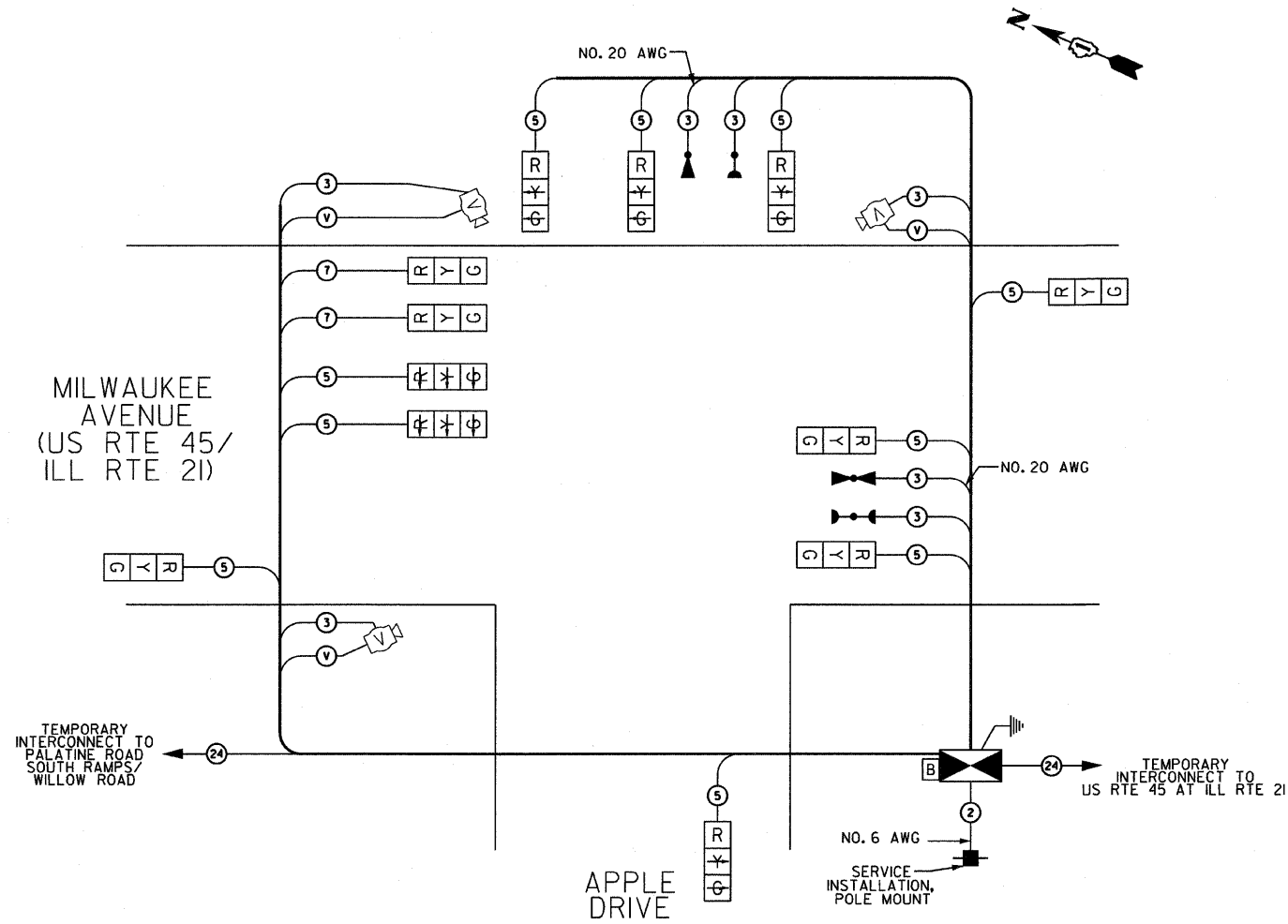


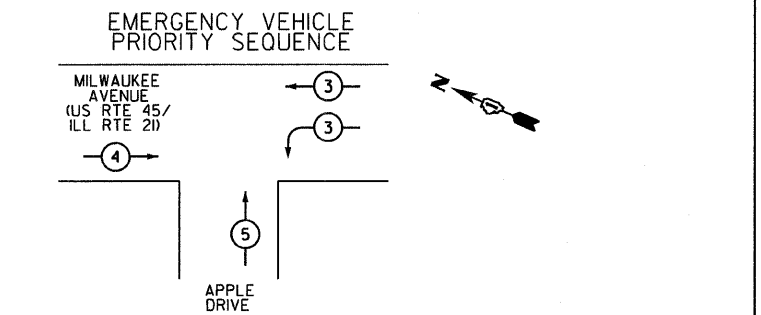
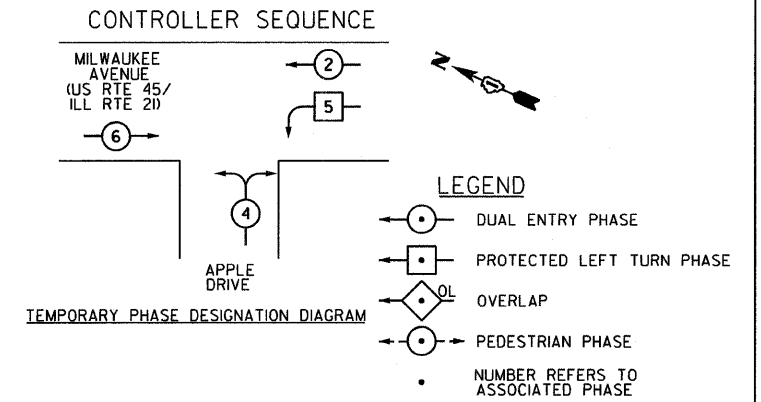
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	326BF-R-1	COOK	279	167
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62387				




TEMPORARY CABLE PLAN LEGEND

-  TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
-  12" (300mm) PEDESTRIAN SIGNAL SECTION
-  TEMPORARY CONTROLLER CABINET
-  TEMPORARY UNINTERRUPTIBLE POWER SUPPLY
-  TEMPORARY SERVICE INSTALLATION
-  EMERGENCY VEHICLE LIGHT DETECTOR
-  CONFIRMATION BEACON
-  PUSH-BUTTON DETECTOR
-  VIDEO VEHICLE DETECTOR
-  DENOTES NUMBER OF CONDUCTORS ALL CABLE NO. 14 EXCEPT AS INDICATED ALL LOOP DETECTOR CABLE TO BE SHIELDED
-  FIBER OPTIC CABLE NO. 62.5/125 MM12F SMI2F
-  VIDEO DETECTOR CABLE PER VIDEO SYSTEM MANUFACTURER'S RECOMMENDATION
-  GROUND ROD



TEMPORARY CABLE PLAN



EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT			

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	INCAND.	LED	% OPERATION	
SIGNAL (RED)	12	135	17	0.50	102
(YELLOW)	10	135	25	0.25	62.5
(GREEN)	10	135	15	0.25	37.5
ARROW	4	135	12	0.10	4.8
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		252		0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	306.8

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2' (6m+L-0.6m)=
E - M. ARM POLE		SIGNAL POST	2 (0.6)		
24" (600 mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750 mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED PUSHBUTTON	4 (1.2)
		ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

NOTE: THE TEMPORARY TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS INTERSECTION SHALL BE 'ECONOLITE' BRAND TO MATCH THE EXISTING SYSTEM.

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ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN AND TEMPORARY PHASE DESIGNATION DIAGRAM MILWAUKEE AVENUE (US RTE 45/ILL RTE 21) AT APPLE DRIVE PRE-STAGE I

SCALE: NONE
DATE: 02/05/08

DRAWN BY: RAS
DESIGN BY: RAS
CHECKED BY: ADD

default
 untitle
 07167.000 - ILL Rte 21 - IDOT Dist 1
 07167.000 - ILL Rte 21 - IDOT Dist 1
 I:\Working Files\Drawing Files\Sh\Final\TS\TS-7.dgn
 20.0000 11 / IN.
 9:52:53 AM
 1/30/2008

CITY OF PROSPECT HEIGHTS
8 NORTH ELMHURST ROAD
PROSPECT HEIGHTS, ILLINOIS 60070

ENERGY SUPPLY CONTACT: MS. JUDY SCHOMER
PHONE: (847) 870-2056
COMPANY: COMED