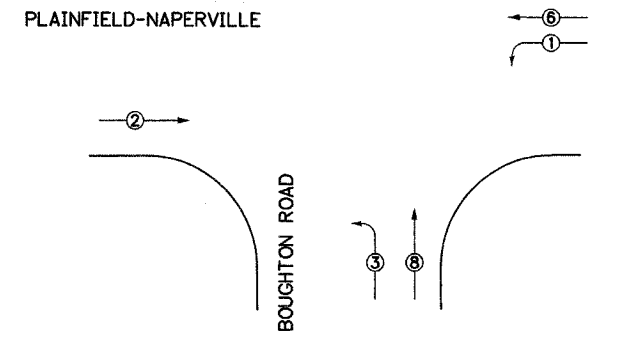


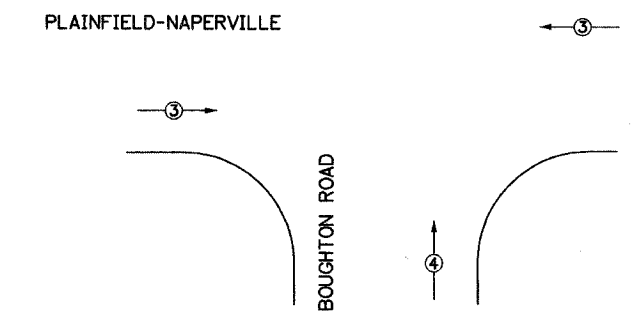
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 2545	*	WILL	147	95
FEDERAL AID DIST. NO. 7		LIABILITIES	FED. AID PROJECT	
* 98-00036-19-FP		CONTRACT NO. 83896		

- PHASE DIAGRAM LEGEND**
- ← ⊕ → DUAL ENTRY PHASE
 - ← ⊞ → SINGLE ENTRY PHASE
 - ← ⊙ → PEDESTRIAN PHASE
 - * NUMBER REFERS TO ASSOCIATED PHASE

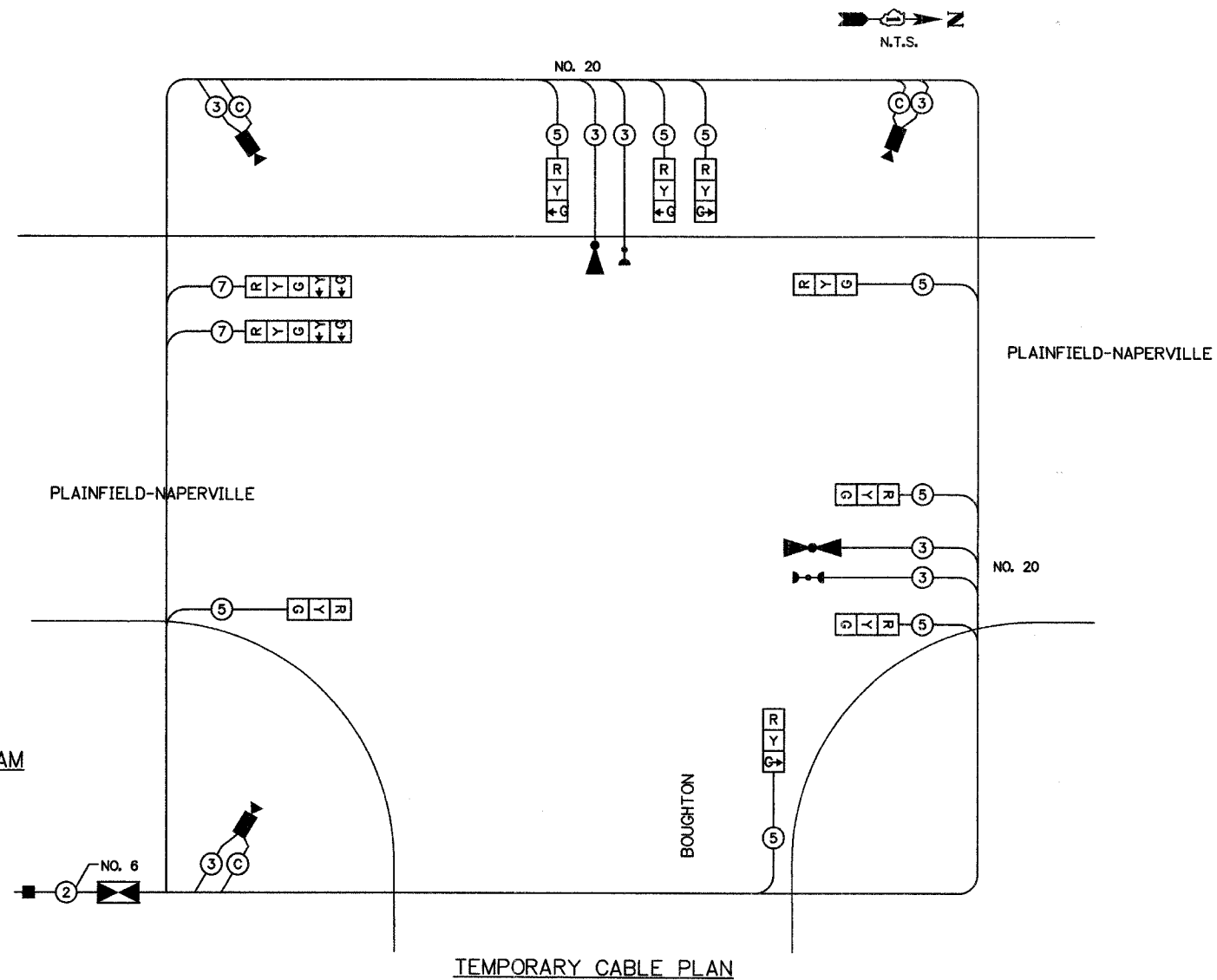


TEMPORARY PHASE DESIGNATION DIAGRAM

PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTORS	3	4
MOVEMENT	←	↘



TEMPORARY EMERGENCY VEHICLE PREEMPTION DIAGRAM



TEMPORARY CABLE PLAN

- TEMPORARY CABLE PLAN LEGEND**
- ⊞ TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12"
 - ⊞ TEMPORARY CONTROLLER CABINET
 - TEMPORARY SERVICE INSTALLATION
 - ⑤ INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NO. 14 AWG WIRE UNLESS OTHERWISE NOTED.
 - ▲ EMERGENCY VEHICLE LIGHT DETECTOR
 - CONFIRMATION BEACON
 - ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
 - ⊞ 12" PEDESTRIAN SIGNAL SECTION
 - VEHICLE DETECTOR, INDUCTION LOOP
 - ▶ IMAGE SENSOR
 - ⊙ INDICATES ELECTRIC CABLE AERIAL SUSPENDED, COMMUNICATION, NO. 16 6 PAIR

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS						TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE	OPERATION	X OPERATION		
SIGNAL (RED)	10	135	17	0.50		675.0
(YELLOW)	10	135	25	0.25		337.5
(GREEN)	4	135	15	0.25		135.0
ARROW	8	135	12	0.10		108.0
PED. SIGNAL	0	90	25	1.00		0.0
CONTROLLER	1	100	100	1.00		100.0
ILLUM. SIGN	0	84	35	0.05		0.0
FLASHER	0		25	0.50		0.0
ENERGY COST TO:				TOTAL =		1355.5

WILL COUNTY DEPARTMENT OF HIGHWAYS
 16841 WEST LARAWAY ROAD
 JOLIET, ILLINOIS 60433
 ENERGY SUPPLY: CONTACT: MR. DALE BALLINGER
 PHONE: (815) 724-5717
 COMPANY: COMMONWEALTH EDISON

WILL COUNTY DEPARTMENT OF HIGHWAYS
 PLAINFIELD-NAPERVILLE ROAD (C.H. 14)
 TEMPORARY CABLE PLAN
 BOUGHTON ROAD

McDonough Associates Inc.
 Engineers/Architects

DESIGNED BY: NKU
 CHECKED BY: MT
 DRAWN BY: NKU

SCALE: 1" = 20'

NO.	DATE	REVISION	BY

DRAWING ID: G:\20030023 - Plainfield-Naperville Road\dwg\TS 104th.dwg
 PLOT DATE: 07/08/05 - 13:04