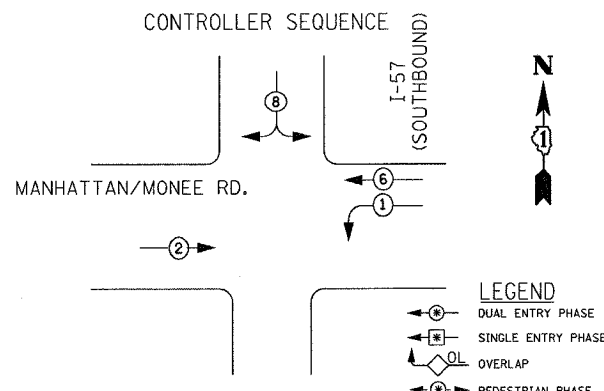
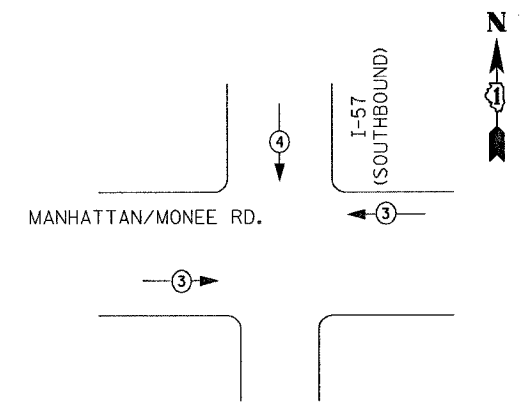
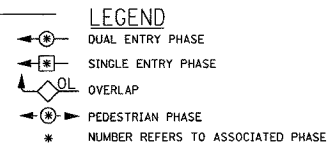


CONTRACT NO. 62834				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	99-1-N	WILL	52	22
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
D-91-358-04				



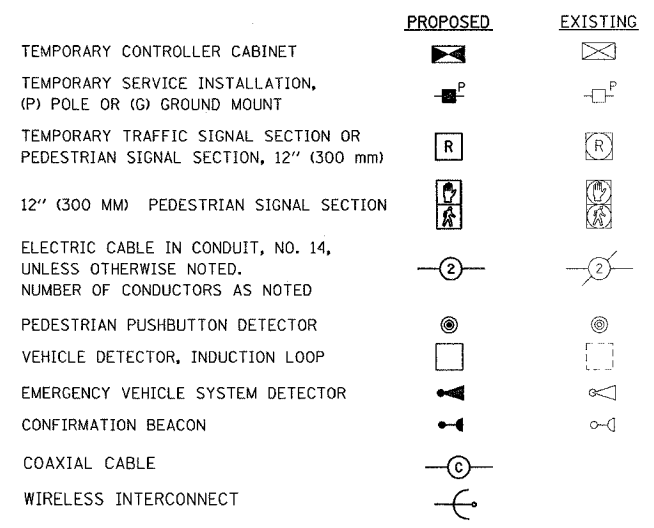
TEMPORARY PHASE DESIGNATION DIAGRAM



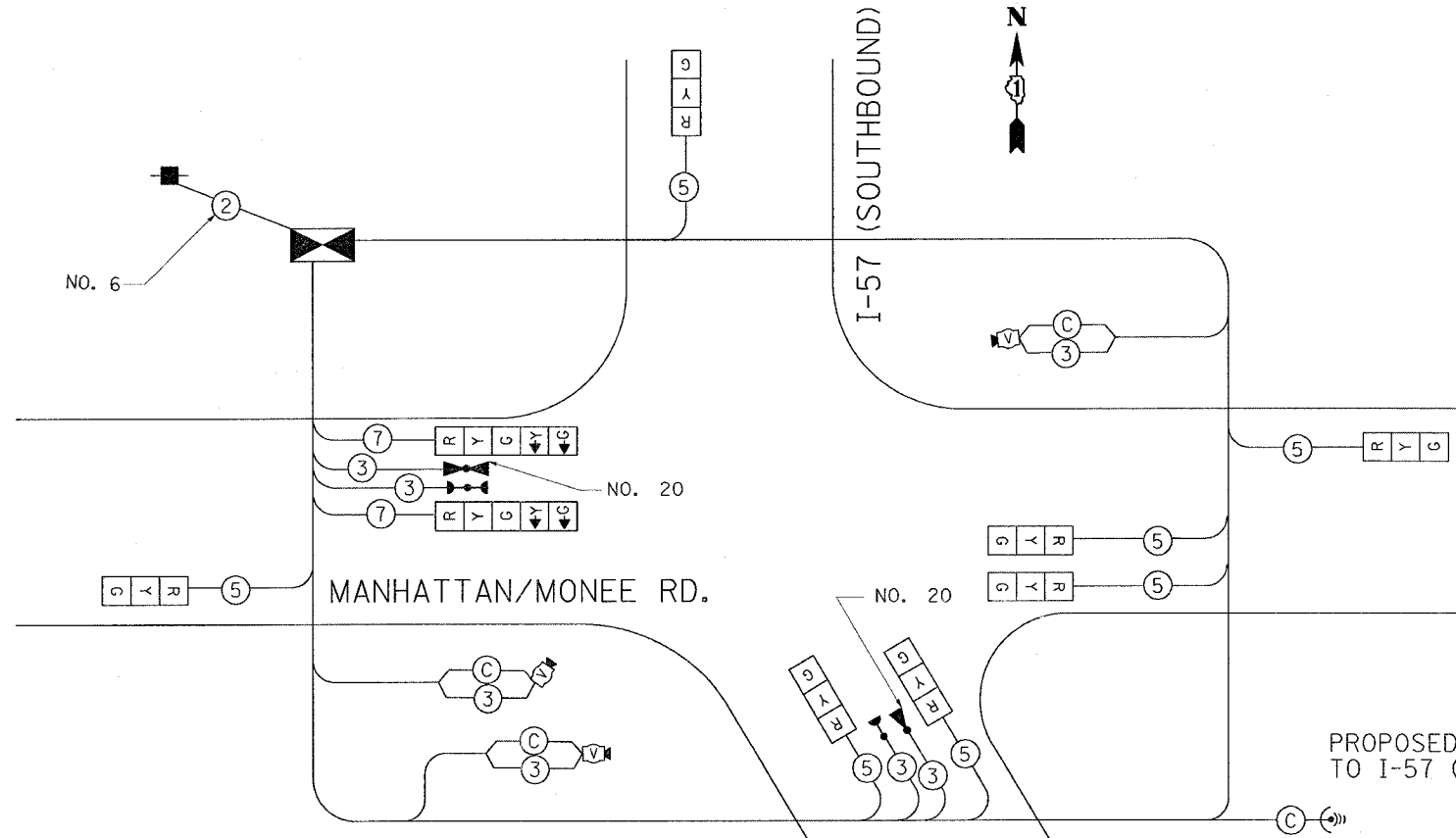
EMERGENCY VEHICLE PREEMPTION SEQUENCE

PROPOSED EMERGENCY VEHICLE PREEMPTION		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	→	↓

TEMPORARY CABLE DIAGRAM LEGEND



* 100% COST TO MONEE FIRE PROTECTION DISTRICT



CABLE PLAN

THE PAY ITEM, WOOD POLE, SHALL INCLUDE A NEW GALVANIZED STEEL 15 FOOT MAST ARM FOR MOUNTING THE VIDEO DETECTION CAMERA.

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
VIDEO DETECTION SYSTEM (COMPLETE INTERSECTION)	EACH	1
FULL-ACTUATED CONTROLLER IN TYPE IV CABINET	EACH	1
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 3C	FOOT	320
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 5C	FOOT	950
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 7C	FOOT	75
ELECTRIC CABLE AERIAL SUSPENDED, NO. 20 3/C, TWISTED, SHIELDED	FOOT	390
ELECTRIC CABLE AERIAL SUSPENDED, SERVICE, NO. 6 2C	FOOT	40
WOOD POLE, 40 FT., CLASS 2	EACH	4
LIGHT DETECTOR AMPLIFIER	EACH	1
LIGHT DETECTOR	EACH	2
SIGNAL HEAD, 1-FACE, 3-SECTION	EACH	7
SIGNAL HEAD, 1-FACE, 5-SECTION	EACH	2
SERVICE INSTALLATION, POLE MOUNTED	EACH	1
SPAN WIRE	FOOT	430
TETHER WIRE	FOOT	430

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	INCAND.	LED	OPERATION	
SIGNAL (RED)	9	135	17	0.50	607.50
(YELLOW)	9	135	25	0.25	303.50
(GREEN)	9	135	15	0.25	303.50
ARROW	2	135	12	0.10	27.00
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN		84		0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	1341.50

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'
E - M. ARM POLE		SIGNAL POST	2 (1.0)	(6m±L-0.6m)±	
	24" (600mm)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
	30" (750mm)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
	36" (900mm)	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)

10/5/2005
c:\projects\td135804\tr\fflcm32
kanthapixaybc



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY CABLE PLAN, PHASE DESIGNATION
DIAGRAM,
AND
SCHEDULE OF QUANTITIES
(SOUTHBOUND RAMP)
IL. RTE. 57 @ MANHATTAN/MONEE RD.
SCALE: 1"=20'
DATE 10/5/2005
DRAWN BY BCK
DESIGN BY BCK
CHECKED BY DAD