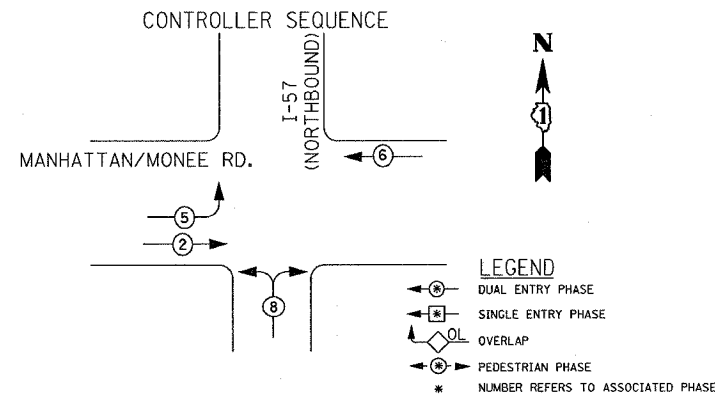
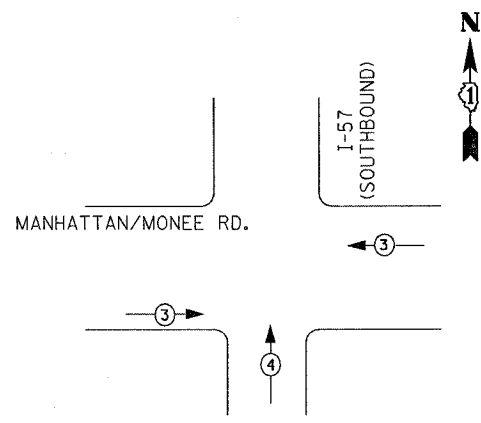


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	99-1-N	WILL	52	24
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
D-91-358-04				



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

TEMPORARY PHASE DESIGNATION DIAGRAM



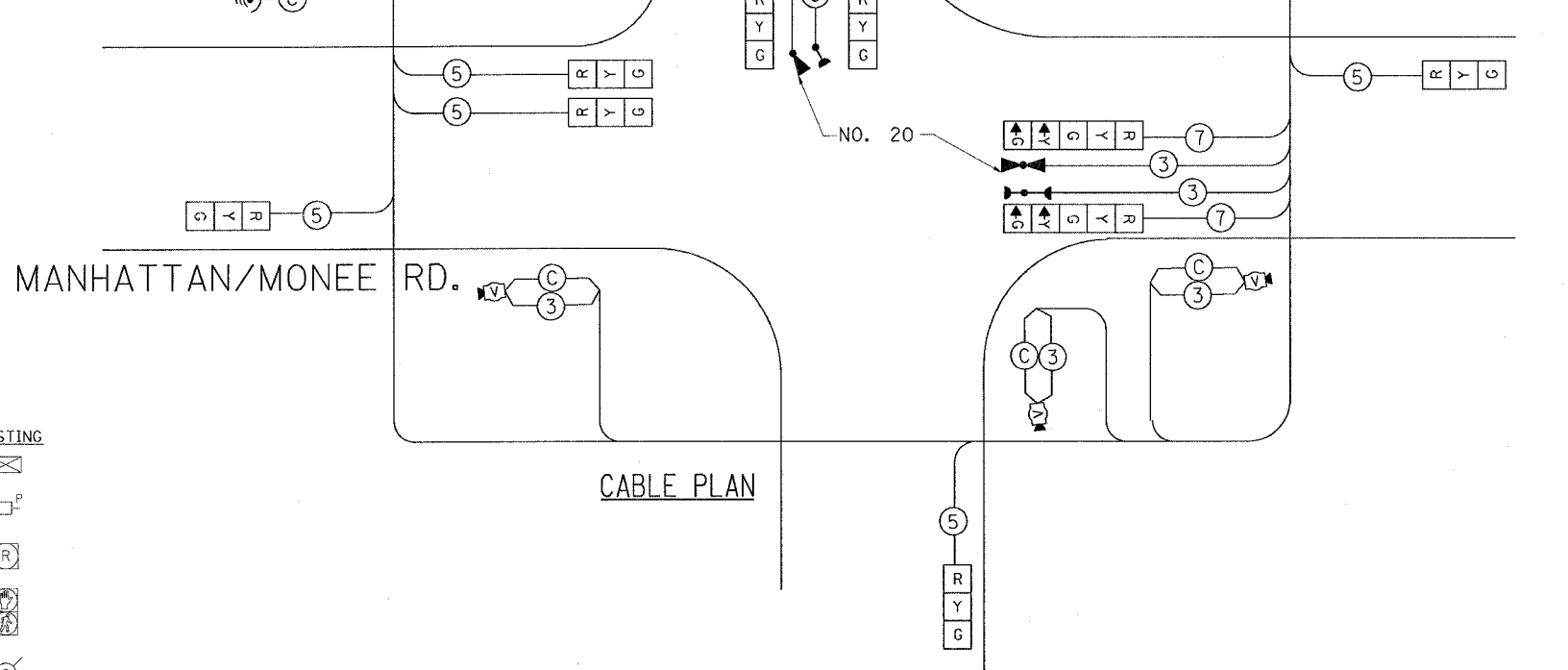
EMERGENCY VEHICLE PREEMPTION SEQUENCE

PROPOSED EMERGENCY VEHICLE PREEMPTION		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↑

TEMPORARY CABLE DIAGRAM LEGEND

	PROPOSED	EXISTING
TEMPORARY CONTROLLER CABINET	[Symbol]	[Symbol]
TEMPORARY SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT	[Symbol]	[Symbol]
TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION, 12" (300 mm)	[Symbol]	[Symbol]
12" (300 MM) PEDESTRIAN SIGNAL SECTION	[Symbol]	[Symbol]
ELECTRIC CABLE IN CONDUIT, NO. 14, UNLESS OTHERWISE NOTED. NUMBER OF CONDUCTORS AS NOTED	[Symbol]	[Symbol]
PEDESTRIAN PUSHBUTTON DETECTOR	[Symbol]	[Symbol]
VEHICLE DETECTOR, INDUCTION LOOP	[Symbol]	[Symbol]
EMERGENCY VEHICLE SYSTEM DETECTOR	[Symbol]	[Symbol]
CONFIRMATION BEACON	[Symbol]	[Symbol]
COAXIAL CABLE	[Symbol]	[Symbol]
WIRELESS INTERCONNECT	[Symbol]	[Symbol]

PROPOSED WIRELESS INTERCONNECT TO I-57 (SOUTHBOUND)



SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
VIDEO DETECTION SYSTEM (COMPLETE INTERSECTION)	EACH	1
FULL-ACTUATED CONTROLLER IN TYPE V CABINET	EACH	1
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 3C	FOOT	310
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 5C	FOOT	815
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 7C	FOOT	135
* ELECTRIC CABLE AERIAL SUSPENDED, NO. 20 3/C, TWISTED, SHIELDED	FOOT	310
ELECTRIC CABLE AERIAL SUSPENDED, SERVICE, NO. 6 2C	FOOT	110
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	EACH	440
TETHER	EACH	440

* 100% COST TO MONEE FIRE PROTECTION DISTRICT

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	INCAND.	LED	% OPERATION	
SIGNAL (RED)	17	135	17	0.50	144.50
(YELLOW)	17	135	25	0.25	106.25
(GREEN)	17	135	15	0.25	63.75
ARROW		135	12	0.10	
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN		84		0.05	
FLASHER				0.50	
TOTAL =					314.50

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHALMBURG, ILLINOIS 60196-1096
 CONTACT: JERRY SZEPELAK
 PHONE: (815) 482-9109
 COMPANY: COM. EDISON

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)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
36" (900mm)	15 (4.6)	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)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY CABLE PLAN, PHASE DESIGNATION
 DIAGRAM,
 AND
 SCHEDULE OF QUANTITIES
 (NORTHBOUND RAMP)
 IL. RTE. 57 @ MANHATTAN/MONEE RD.

SCALE: 1"=20'
 DATE: 10/5/2005

DRAWN BY: BCK
 DESIGN BY: BCK
 CHECKED BY: DAD