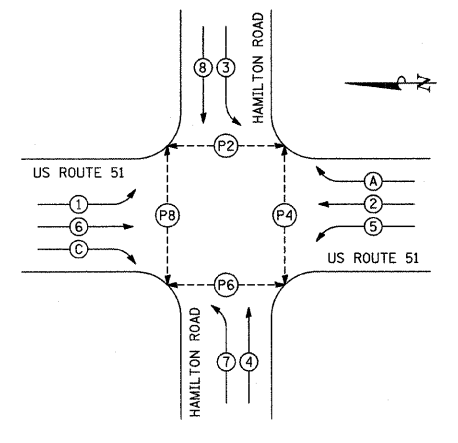


SERVICE INSTALLATION DETAIL

[P] = PHOTOCELL CONTROLLER

J PIN STATUS:
 'ON' = STANDARD DETECTOR SETUP.
 'OFF' = J WIRE HAS BEEN DISCONNECTED, BUT INTACT, AT THE HARNESS PANEL WITH THE NECESSARY SPADE CONNECTION ATTACHED, MARKED, AND INSULATED.

DETECTOR LOOP INDUCTANCE CHART										
LOOP SYSTEM	LOOP NUMBER	LOOP LABEL	CONTROLLER INPUT	PHASE	SIZE	# OF TURNS PER LOOP	INDUCTANCE (MICROHENRIES)	FREQUENCY (HERTZ)	J PIN STATUS	
NORTH LEG	A	1	06 SB FAR LL	VD6	6	6' x 6'	367	31859	ON	
	A	2	06 SB FAR RL	VD6	6	6' x 6'	367	31859	ON	
	C	3	06 SB REM LL	SD6	6	6' x 6'	257	38072	ON	
	D	4	06 SB REM RL	PD5	6	6' x 6'	257	38072	ON	
	E	5	01 SBLT COUNT	SD1	1	6' x 6'	221	41056	ON	
	F	6	01 SBLT	VD1	1	6' x 6'	221	41056	ON	
	F	7	01 SBLT	VD1	1	6' x 6'	221	41056	ON	
	G	8	06 SB STBR LL	VD6	6	6' x 6'	221	41056	OFF	
	G	9	06 SB STBR RL	VD6	6	6' x 6'	221	41056	OFF	
SOUTH LEG	I	10	05 NBLT	VD5	5	6' x 6'	229	40332	ON	
	I	11	05 NBLT	VD5	5	6' x 6'	229	40332	ON	
	J	12	05 NBLT COUNT	SD5	5	6' x 6'	229	40332	ON	
	K	13	02 NB STBR LL	VD2	2	6' x 6'	229	40332	OFF	
	K	14	02 NB STBR RL	VD2	2	6' x 6'	229	40332	OFF	
	M	15	02 NB REM LL	SD2	2	6' x 6'	264	37564	ON	
	N	16	02 NB REM RL	PD1	2	6' x 6'	264	37564	ON	
	O	17	02 NB FAR LL	VD2	2	6' x 6'	375	31518	ON	
	O	18	02 NB FAR RL	VD2	2	6' x 6'	375	31518	ON	
WEST LEG	Q	19	04 EB FAR LL	VD4	4	6' x 6'	255	38221	ON	
	Q	20	04 EB FAR RL	VD4	4	6' x 6'	255	38221	ON	
	S	21	04 EB REM LL	SD4	4	6' x 6'	219	41243	ON	
	T	22	04 EB REM RL	PD3	4	6' x 6'	219	41243	ON	
	U	23	07 EBLT COUNT	SD7	7	6' x 6'	264	37564	ON	
	V	24	07 EBLT	VD7	7	6' x 6'	264	37564	ON	
	V	25	07 EBLT	VD7	7	6' x 6'	264	37564	ON	
	W	26	04 EB STBR LL	VD4	4	6' x 6'	264	37564	OFF	
	W	27	04 EB STBR RL	VD4	4	6' x 6'	264	37564	OFF	
EAST LEG	X	28	04 EB STBR LL	VD4	4	6' x 6'	264	37564	OFF	
	X	29	04 EB STBR RL	VD4	4	6' x 6'	264	37564	OFF	
	Y	30	03 WB LT	VD3	3	6' x 6'	254	38296	ON	
	Y	31	03 WB LT	VD3	3	6' x 6'	254	38296	ON	
	Z	32	03 WB LT COUNT	SD3	3	6' x 6'	254	38296	ON	
	a	33	08 WB STBR LL	VD8	8	6' x 6'	254	38296	OFF	
	a	34	08 WB STBR RL	VD8	8	6' x 6'	254	38296	OFF	
	b	35	08 WB STBR LL	VD8	8	6' x 6'	254	38296	OFF	
	b	36	08 WB STBR RL	VD8	8	6' x 6'	254	38296	OFF	
c	37	08 WB REM LL	SD8	8	6' x 6'	356	32348	ON		
d	38	08 WB REM RL	PD7	8	6' x 6'	356	32348	ON		
e	39	08 WB FAR LL	VD8	8	6' x 6'	390	30906	ON		
e	40	08 WB FAR RL	VD8	8	6' x 6'	390	30906	ON		



PHASE DESIGNATION DIAGRAM

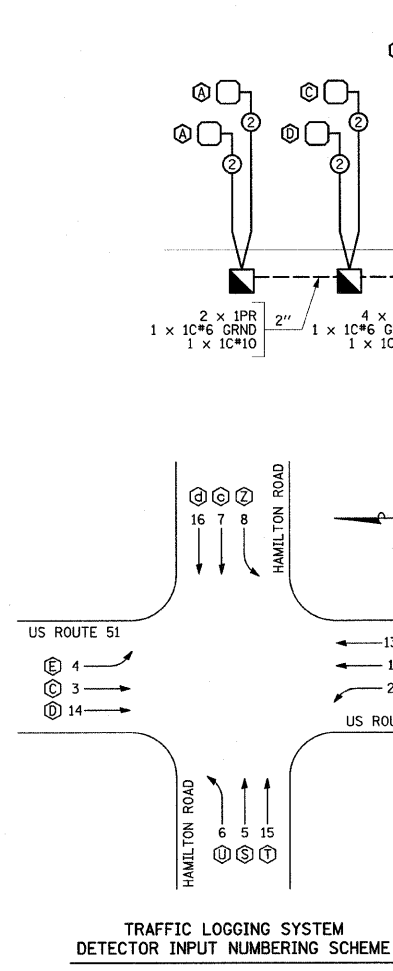
PHASE DESIGNATION DIAGRAM LEGEND

- VEHICULAR PHASE NO.*
- PEDESTRIAN PHASE NO.*
- RIGHT TURN OVERLAP: A=3, C=7
- * NUMBER REFERS TO ASSOCIATED PHASE

CABLE DIAGRAM LEGEND

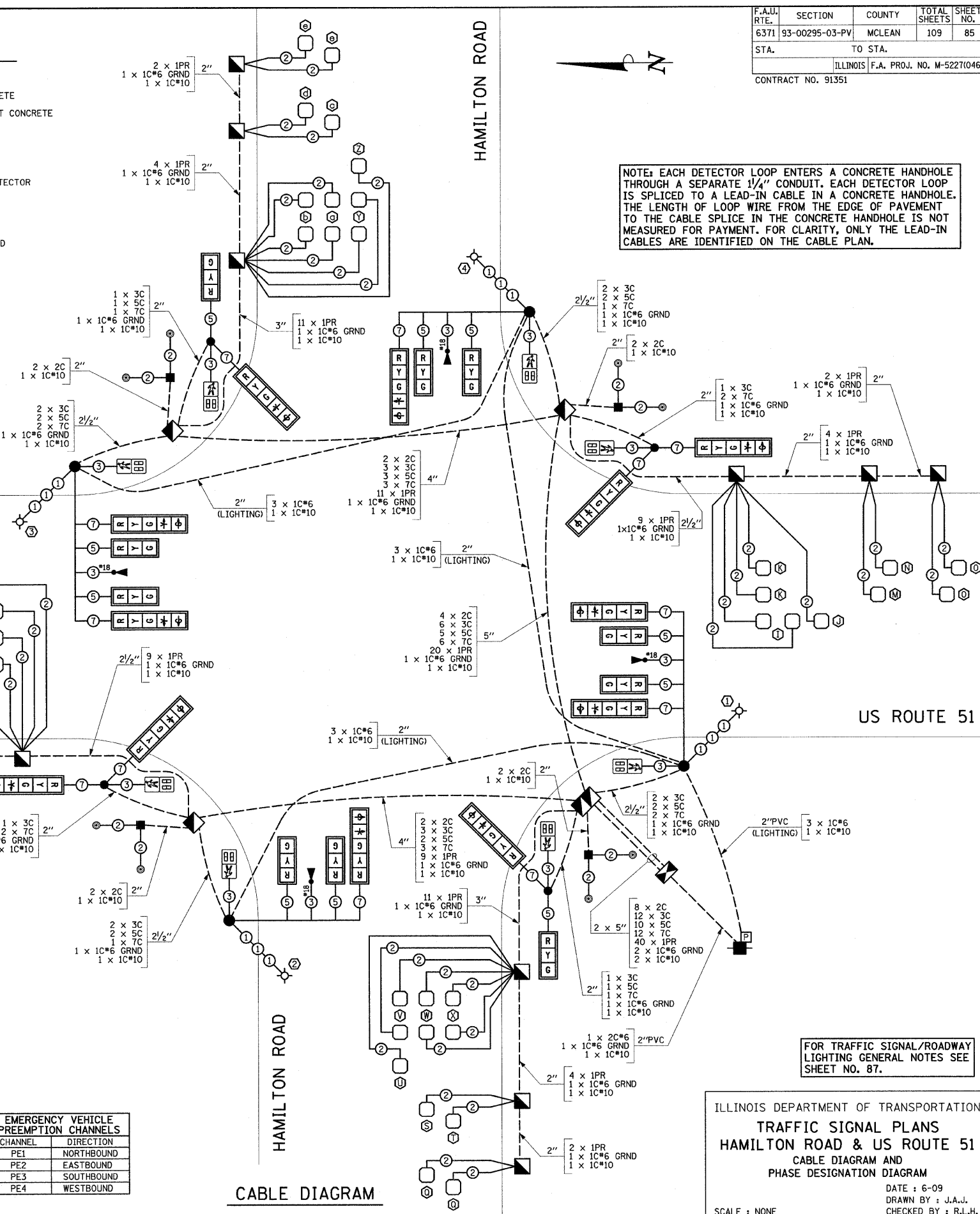
- CONTROLLER CABINET
- HANDHOLE, PORTLAND CEMENT CONCRETE
- DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE
- MAST ARM POLE OR SIGNAL POST
- ELECTRIC CABLE IN CONDUIT
- SIGNAL FACE WITH BACKPLATE
- EMERGENCY VEHICLE PREEMPTION DETECTOR
- SERVICE INSTALLATION
- PHOTOCELL CONTROLLER
- NUMBER OF CONDUCTORS IN CABLE ALL CABLE #14 EXCEPT AS INDICATED
- GROUNDING CONDUCTOR (GREEN)
- PEDESTRIAN SIGNAL FACE
- PEDESTRIAN PUSH-BUTTON
- PEDESTRIAN PUSH-BUTTON POST
- LUMINAIRE
- LUMINAIRE NUMBER
- DETECTOR LOOP, TYPE I
- DETECTOR LOOP SYSTEM
- NUMBER OF CABLES IN CONDUIT
- NUMBER OF CONDUCTORS IN EACH CABLE
- CONDUIT SIZE

US ROUTE 51



TRAFFIC LOGGING SYSTEM DETECTOR INPUT NUMBERING SCHEME

EMERGENCY VEHICLE PREEMPTION CHANNELS	
CHANNEL	DIRECTION
PE1	NORTHBOUND
PE2	EASTBOUND
PE3	SOUTHBOUND
PE4	WESTBOUND



CABLE DIAGRAM