

LOOP	SIZE (FT)	MODE	DELAY (SEC.)	NUMBER OF TURNS	ASSOCIATED CONTROLLER PHASE	DETECTOR UNIT NO.	COMMENTS
L-1	6X6	PULSE		4	2	1	
L-2	6X6	PULSE		4	2	1	
L-3	6X6	PULSE		4	2	2	
L-4	6X6	PULSE		4	2	2	
L-5	6X6	PULSE		4	2	3	
L-6	6X6	PULSE		4	2	3	
L-7	6X20	PRESENCE		3	6	4	
L-8	6X6	PULSE		4	6	5	
L-9	6X6	PULSE		4	6	5	
L-10	6X6	PULSE		4	6	6	
L-11	6X6	PULSE		4	6	6	
L-12	6X6	PULSE		4	6	7	
L-13	6X6	PULSE		4	6	7	
L-14	6X20X29X30	PRESENCE	10*	3	8	8	
L-15	6X40	PRESENCE	10*	3	8	8	
L-16	8X8	PULSE		4	8	9	
L-17	8X8	PULSE		4	8	9	

[illegible]

MATERIALS REQUIRED			
ITEM	QTY.	UNITS	DESCRIPTION
625	3	EACH	CONNECTOR KIT, TYPE III
625	6	EACH	CONNECTOR KIT, TYPE VIII, CU
625	3	EACH	LIGHT POLE FOUNDATION, 24" X 6' DEEP, AS PER PLAN
625	22	FT	CONDUIT, 1", 725.04
625	78	FT	CONDUIT, 1½", 725.05
625	1453	FT	CONDUIT, 2" 725.05
625	20	FT	CONDUIT, 3", 725.05
625	548	FT	CONDUIT, JACKED OR DRILLED, AS PER PLAN, 2"
625	16	EACH	PULL BOX, 725.08, 18"
625	1	EACH	PULL BOX, 725.08, 24"
625	3	EACH	GROUND ROD, AS PER PLAN
631	3	EACH	PHOTOELECTRIC CONTROL
631	3	EACH	SIGN FLASHER ASSEMBLY, AS PER PLAN
632	7	EACH	VEHICULAR SIGNAL HEAD, 3 SECTION, 12" LENS, 1-WAY, APP
632	9	EACH	LOOP DETECTOR UNIT, DELAY AND EXTENSION TYPE, APP
632	131	FT	MESSANGER WIRE, 7 STRAND, ¼" DIA. WITH ACCESSORIES, APP
632	131	FT	MESSANGER WIRE, 7 STRAND, ¾" DIA. WITH ACCESSORIES
632	3293	FT	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG
632	375	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
632	114	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
632	2	EACH	STRAIN POLE FOUNDATION, AS PER PLAN
632	4138	FT	LOOP DETECTOR LEAD-IN CABLE, 2 CONDUCTOR, NO. 14 AWG
632	62	FT	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG
632	35	FT	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG
632	1	EACH	POWER SERVICE, AS PER PLAN
632	2	EACH	STRAIN POLE, TYPE TC-81.0, DESIGN 10, AS PER PLAN
632	1	EACH	SIGNALIZATION, MISC.: METER BASE, 125 AMP WITH BYPASS
632	3	EACH	STEEL STRAIN POLE, 7.5"DIA., 10.5" BOLT CIRCLE, 11 GA., 15', APP
632	2957	FT	LOOP DETECTOR WIRE, TYPE E, APP (IN RESURFACED AREAS)
633	1	EACH	CONTROLLER UNIT, TYPE TS2/A2, W/ CABINET, TYPE TS1, APP
633	1	EACH	CABINET FOUNDATION, AS PER PLAN
633	2	EACH	CONTROLLER WORK PAD, AS PER PLAN
633	1	EACH	FLASHER CONTROLLER
633	1	EACH	CONTROLLER ITEM, MISC.: BATTERY BACKUP SYSTEM WITHOUT ENCLOSURE, AS PER PLAN

1-3/C

2" CONDUIT JACKED OR DRILLED UNDER PAVEMENT: 1-3/C

2" CONDUIT JACKED OR DRILLED UNDER PAVEMENT: 1-2/C & 1-3/C

2" CONDUIT JACKED AND DRILLED UNDER PAVEMENT: 5-2/C & 2-3/C

2" CONDUIT: 1-2/C & 1-3/C

1/2" CONDUIT: 1-3/C

PB-15 (18") STA. 4+64 30' LT

2" CONDUIT: 1-3/C

INSTALL W3-3 (48"x48") SIGN FLASHER ASSEMBLY W/PHOTOELECTRIC CONTROL ON TOP OF EXISTING 15' STEEL POLE, ATX BASE, 2' DIA X 6' DEEP LIGHT POLE FOUNDATION. STA. 7+55, 36' LT

PB-16 (18") STA. 6+87 30' LT

1/2" CONDUIT: 1-3/C

PB-14 (18") STA. 2+75 30' RT

2" CONDUIT: 1-3/C

PB-7 (18") STA. 0+96 30' RT

PB-6 (18") STA. 525+18 71' RT

2" CONDUIT: 3-2/C & 1-3/C

PB-5 (18") STA. 524+24 55' RT

2" CONDUIT JACKED AND DRILLED UNDER PAVEMENT: 3-2/C & 1-3/C

PB-4 (18") STA. 524+12 88' RT

2" CONDUIT: 3-2/C & 1-3/C

POLE P-2 DESIGN 10, 32' STA. 525+18, 66' RT

15' CONCRETE DRIVE

10' GRAVEL DRIVE

ASPHALT DRIVE

CONCRETE DRIVE

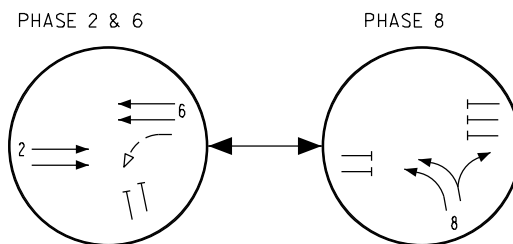
SR 39

LEX-SPRINGMILL RD

W3-3-48 STA. 7+55 36' LT

FLASHER OPERATION YELLOW TO SR 39 RED TO LEXINGTON-SPRINGMILL RD

ALL 12" LED LENSES

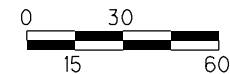


SIGNAL PHASING DIAGRAM

- (A) 2" CONDUIT: 3-2/C & 1-3/C
- (B) 2" CONDUIT JACKED AND DRILLED UNDER PAVEMENT: 3-2/C & 1-3/C
- (C) 2" CONDUIT: 3-2/C & 1-3/C
- (D) 2" CONDUIT JACKED AND DRILLED UNDER PAVEMENT: 3-2/C & 1-3/C
- (E) 2" CONDUIT: 3-3/C



ALL 12" LED
LENSES



SCALE

FLASHER OPERATION
YELLOW TO SR 39
RED TO LEXINGTON-SPRINGMILL
SIGNAL NO. RIC-39-0997S
INSTALLATION DATE 11-15-05
FILE NO. 4483

DATE	REVISIONS	DATE INSTALLED	OHIO DEPARTMENT OF TRANSPORTATION		
	INSTALLED SIGNAL HEAD #7 PER PROJ 233(05)	12-13-05	ELECTRICAL INSTALLATION LOCATED AT		
			SR 39 AND LEXINGTON-SPRINGMILL		
			DISTRICT 3 COUNTY RICHLAND		
				DRAWN EAH 1/06	REVIEWED