

MATERIAL REQUIRED – PROJ. 16(99)

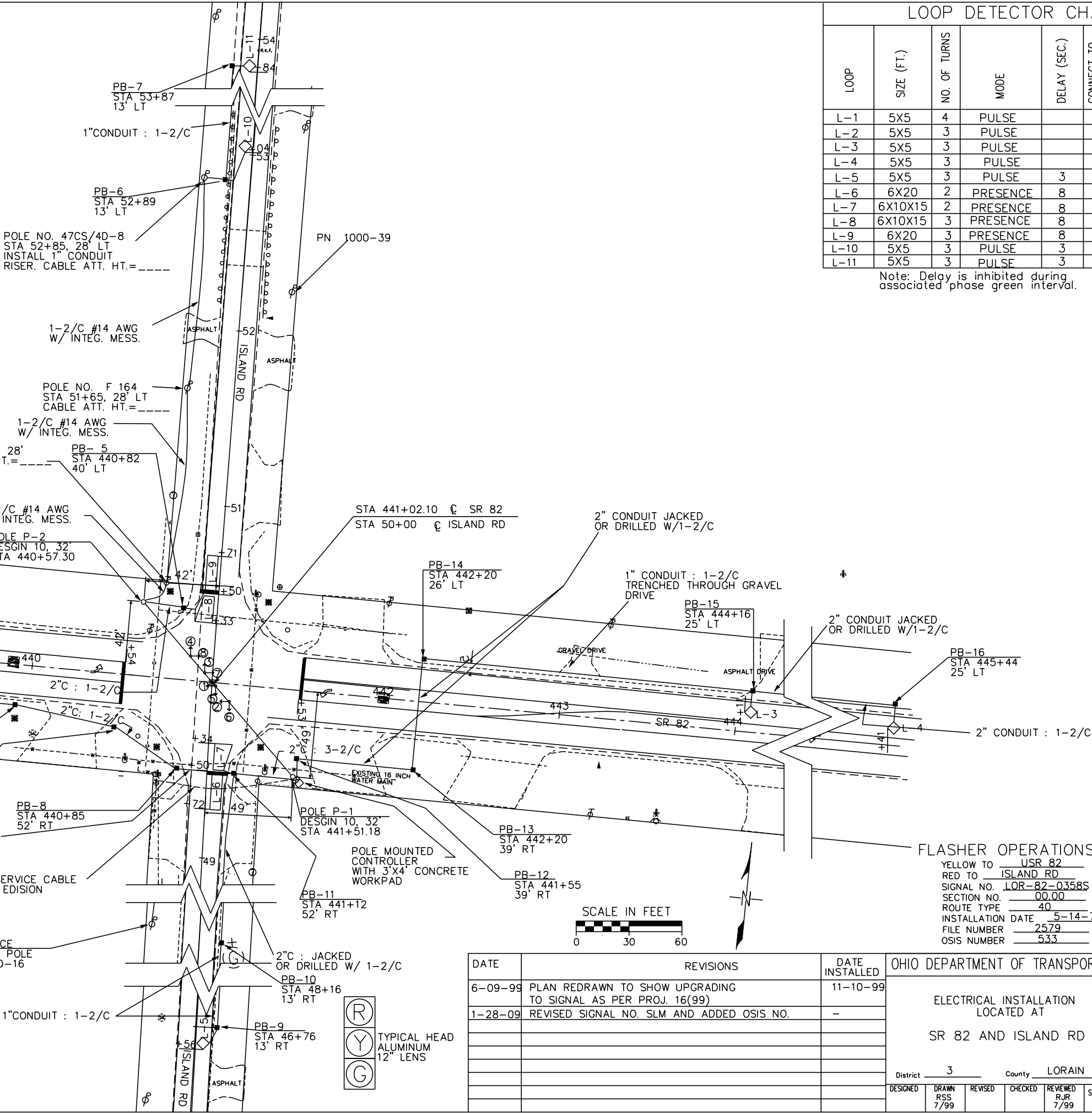
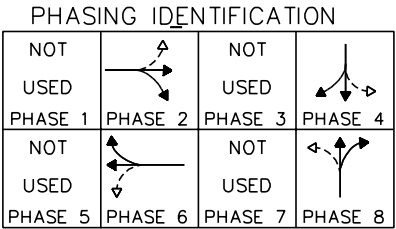
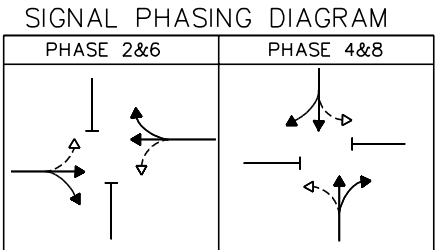
REF. NO	ITEM	QTY	UNITS	DESCRIPTION
6	625	560	LF	CONDUIT, 1", 713.04
8	625	700	LF	CONDUIT, 2", 713.04
10	625	473	LF	CONDUIT, JACKED OR DRILLED UNDER PVM'T 2"
12	625	714	LF	TRENCH, APP
15	625	16	EA.	PULL BOX, 713.08, 18"
18	632	2	EA.	GROUND ROD, APP
29	632	4	EA.	VEHICULAR SIGNAL HEAD, 3 SEC. 12" LENS 2 WAY
34	632	4	EA.	COVERING OF VEHICULAR SIGNAL HEAD
36	632	6	EA.	LOOP DETECTOR UNIT, DELAY AND EXTENSION TYPE, APP
38	632	129	LF	MESSENGER WIRE, 7 STRAND, 3/8 " DIAMETER WITH ACCESSORIES
40	632	424	LF	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
45	632	390	LF	LOOP LEAD-IN CABLE W/ INTEG. MESS.
46	632	1620	LF	LOOP DETECTOR LEAD-IN CABLE, 2 CONDUCTOR, NO. 14 AWG
47	632	15	LF	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG
48	632	35	LF	POWER CABLE, 3 CONDUCTOR NO. 6 AWG
50	632	1	EA.	POWER SERVICE, APP
51	632	1	EA.	CONDUIT RISER, 1"DIAMETER
56	632	2	EA.	STRAIN POLE, TYPE TC-81.10, DESIGN 10, 32'
67	632	1	EA.	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, APP
69	632	1	EA.	SIGNALIZATION, : METER BASE, 100 AMP WITH BYPASS
74	632	372	LF	SIGNALIZATION, MISC.: LOOP DETECTOR PAVEMENT CUTTING, APP
76	632	1847	LF	SIGNALIZATION, MISC.: LOOP DETECTOR WIRE, TYPE E, APP
82	633	1	EA.	CONTROLLER, ACTUATED, 8 PHASE, SOLID STATE DIGITAL MICROPROCESSOR, APP WITH INTERNAL TIME BASE CORD.
88	633	10.4	SF	CONTROLLER WORK PAD (30"x50")

LOOP DETECTOR CHART

LOOP	SIZE (FT.)	NO. OF TURNS	MODE	DELAY (SEC.)	CONNECT TO DETECTOR UNIT	ASSOCIATED CONTROLLER PHASE
L-1	5X5	4	PULSE		1	2
L-2	5X5	3	PULSE		1	2
L-3	5X5	3	PULSE		2	6
L-4	5X5	3	PULSE		2	6
L-5	5X5	3	PULSE	3	3	8
L-6	6X20	2	PRESENCE	8	4	8
L-7	6X10X15	2	PRESENCE	8	4	8
L-8	6X10X15	3	PRESENCE	8	5	4
L-9	6X20	3	PRESENCE	8	5	4
L-10	5X5	3	PULSE	3	6	4
L-11	5X5	3	PULSE	3	6	4

Note: Delay is inhibited during associated phase green interval.

DESIGN FILE: I:\FIELD\N\ ELECTRICAL\SIGNAL\DWG\L82isind.dwg
WORKSTATION: rrone DATE: 7/9/2010



FLASHER OPERATIONS

YELLOW TO USR 82
RED TO ISLAND RD
SIGNAL NO. LOR-82-0358S
SECTION NO. 00.00
ROUTE TYPE 40
INSTALLATION DATE 5-14-73
FILE NUMBER 2579
OSIS NUMBER 533

DATE	REVISIONS	DATE INSTALLED	OHIO DEPARTMENT OF TRANSPORTATION				
6-09-99	PLAN REDRAWN TO SHOW UPGRADING TO SIGNAL AS PER PROJ. 16(99)	11-10-99	ELECTRICAL INSTALLATION LOCATED AT SR 82 AND ISLAND RD				
1-28-09	REVISED SIGNAL NO. SLM AND ADDED OSIS NO.	-					
			District <u>3</u> County <u>LORAIN</u>				
			DESIGNED	DRAWN RSS 7/99	REVISED	CHECKED	REVIEWED RJR 7/99
						SHEET OF	<u>1</u> <u>1</u>