

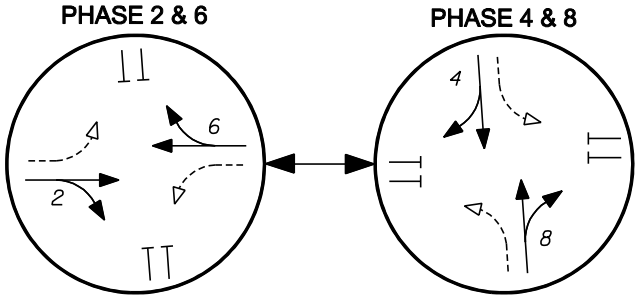
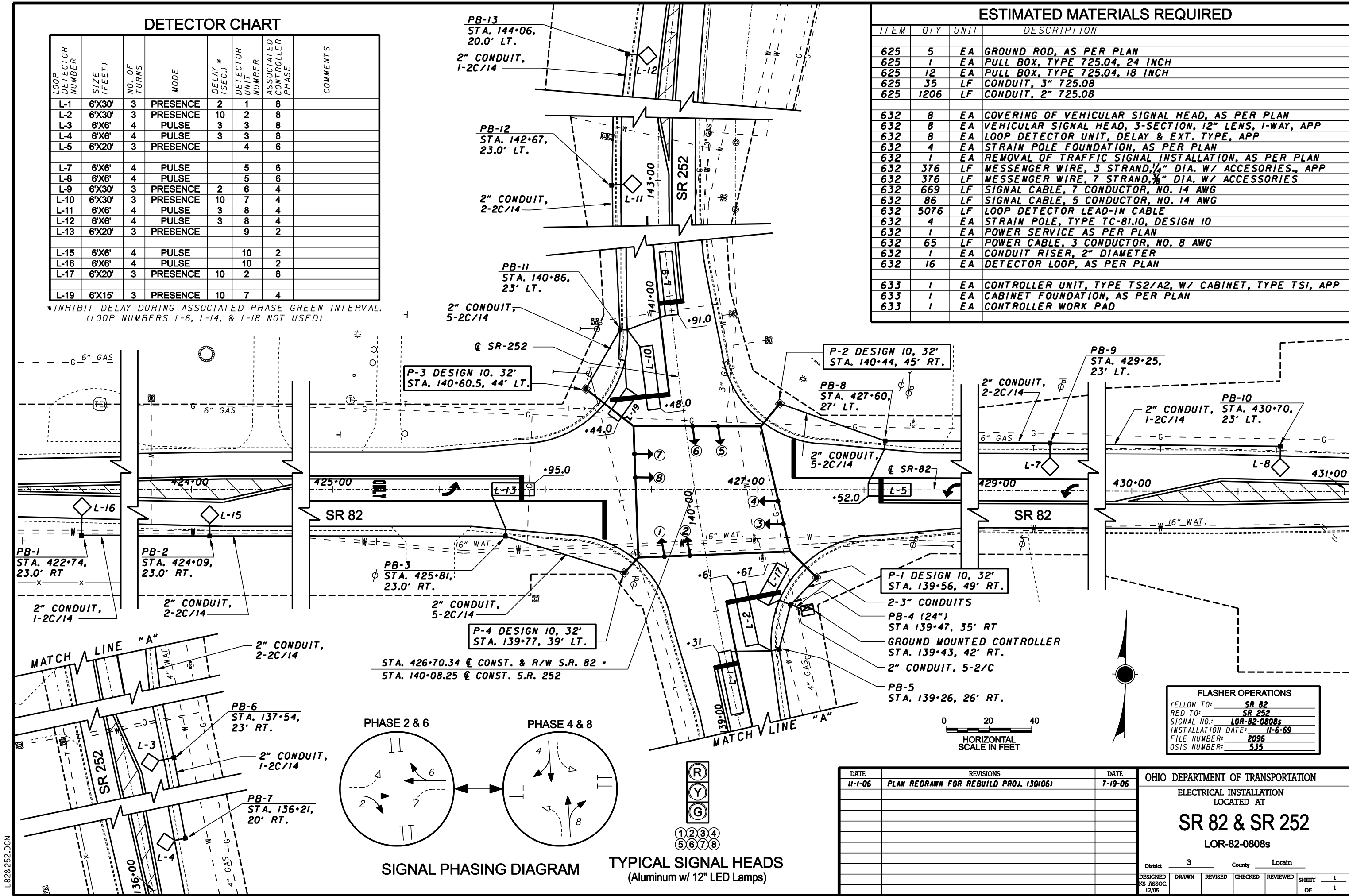
DETECTOR CHART

LOOP DETECTOR NUMBER	SIZE (FEET)	NO. OF TURNS	MODE	DELAY * (SEC.)	DETECTOR UNIT NUMBER	ASSOCIATED CONTROLLER PHASE	COMMENTS
L-1	6'X30'	3	PRESENCE	2	1	8	
L-2	6'X30'	3	PRESENCE	10	2	8	
L-3	6'X6'	4	PULSE	3	3	8	
L-4	6'X6'	4	PULSE	3	3	8	
L-5	6'X20'	3	PRESENCE		4	6	
L-7	6'X6'	4	PULSE		5	6	
L-8	6'X6'	4	PULSE		5	6	
L-9	6'X30'	3	PRESENCE	2	6	4	
L-10	6'X30'	3	PRESENCE	10	7	4	
L-11	6'X6'	4	PULSE	3	8	4	
L-12	6'X6'	4	PULSE	3	8	4	
L-13	6'X20'	3	PRESENCE		9	2	
L-15	6'X6'	4	PULSE		10	2	
L-16	6'X6'	4	PULSE		10	2	
L-17	6'X20'	3	PRESENCE	10	2	8	
L-19	6'X15'	3	PRESENCE	10	7	4	

*INHIBIT DELAY DURING ASSOCIATED PHASE GREEN INTERVAL. (LOOP NUMBERS L-6, L-14, & L-18 NOT USED)

ESTIMATED MATERIALS REQUIRED

ITEM	QTY	UNIT	DESCRIPTION
625	5	EA	GROUND ROD, AS PER PLAN
625	1	EA	PULL BOX, TYPE 725.04, 24 INCH
625	12	EA	PULL BOX, TYPE 725.04, 18 INCH
625	35	LF	CONDUIT, 3" 725.08
625	1206	LF	CONDUIT, 2" 725.08
632	8	EA	COVERING OF VEHICULAR SIGNAL HEAD, AS PER PLAN
632	8	EA	VEHICULAR SIGNAL HEAD, 3-SECTION, 12" LENS, 1-WAY, APP
632	8	EA	LOOP DETECTOR UNIT, DELAY & EXT. TYPE, APP
632	4	EA	STRAIN POLE FOUNDATION, AS PER PLAN
632	1	EA	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN
632	376	LF	MESSENGER WIRE, 3 STRAND, 1/4" DIA. W/ ACCESSORIES, APP
632	376	LF	MESSENGER WIRE, 7 STRAND, 3/8" DIA. W/ ACCESSORIES
632	669	LF	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
632	86	LF	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
632	5076	LF	LOOP DETECTOR LEAD-IN CABLE
632	4	EA	STRAIN POLE, TYPE TC-81.10, DESIGN 10
632	1	EA	POWER SERVICE AS PER PLAN
632	65	LF	POWER CABLE, 3 CONDUCTOR, NO. 8 AWG
632	1	EA	CONDUIT RISER, 2" DIAMETER
632	16	EA	DETECTOR LOOP, AS PER PLAN
633	1	EA	CONTROLLER UNIT, TYPE TS2/A2, W/ CABINET, TYPE TSI, APP
633	1	EA	CABINET FOUNDATION, AS PER PLAN
633	1	EA	CONTROLLER WORK PAD



SIGNAL PHASING DIAGRAM

TYPICAL SIGNAL HEADS
(Aluminum w/ 12" LED Lamps)

P-2 DESIGN 10, 32'
STA. 140+44, 45' RT.

PB-8
STA. 427+60,
27' LT.

2" CONDUIT,
5-2C/14

P-1 DESIGN 10, 32'
STA. 139+56, 49' RT.

2-3" CONDUITS
PB-4 (24")
STA 139+47, 35' RT
GROUND MOUNTED CONTROLLER
STA. 139+43, 42' RT.
2" CONDUIT, 5-2/C
PB-5
STA. 139+26, 26' RT.

PB-9
STA. 429+25,
23' LT.

PB-10
STA. 430+70,
23' LT.

FLASHER OPERATIONS	
YELLOW TO:	SR 82
RED TO:	SR 252
SIGNAL NO.:	LOR-82-0808s
INSTALLATION DATE:	11-6-69
FILE NUMBER:	2096
OSIS NUMBER:	535

DATE	REVISIONS	DATE
11-1-06	PLAN REDRAWN FOR REBUILD PROJ. 1301061	7-19-06

OHIO DEPARTMENT OF TRANSPORTATION					
ELECTRICAL INSTALLATION LOCATED AT					
SR 82 & SR 252					
LOR-82-0808s					
District	3	County	Lorain		
DESIGNED	DRAWN	REVISED	CHECKED	REVIEWED	SHEET
12/05					1
					OF
					1