

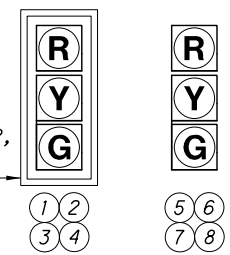
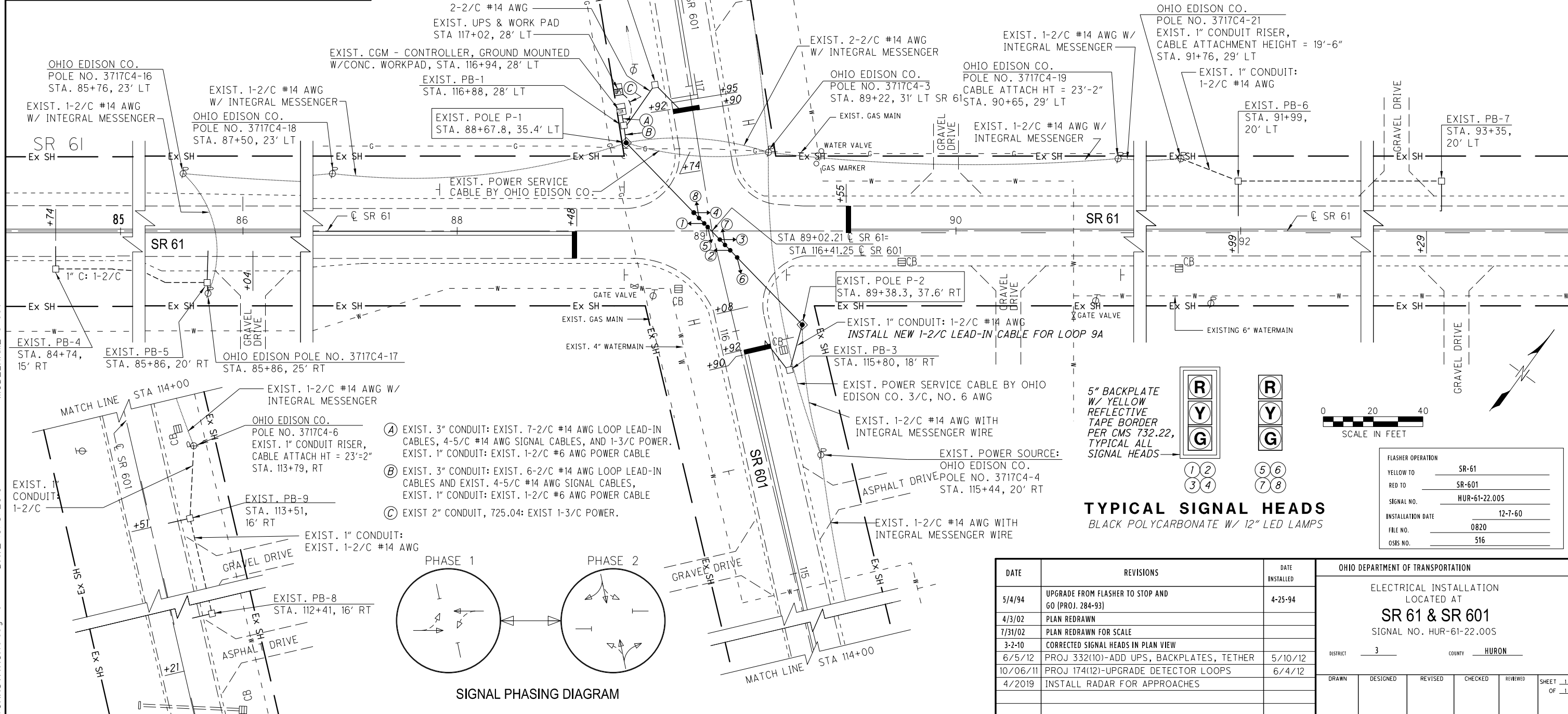
MATERIAL REQUIRED

ITEM	QUANTITY	UNIT	DESCRIPTION
625	527	LIN. FT.	CONDUIT, 1" 725.04
625	16	LIN. FT.	CONDUIT, 2" 725.04
625	12	LIN. FT.	CONDUIT, 3" 725.04
625	4	EACH	GROUND ROD
625	11	EACH	PULL BOX, 713.08, 18"
632	8	EACH	VEH. SIGNAL HEAD, 3-SECTION, 12" LENS, 1-WAY
632	7	EACH	LOOP DETECTOR UNIT
632	103	LIN. FT.	TETHER WIRE 1/4"
632	536	LIN. FT.	MESSENGER WIRE, 7-STRAND, 3/8" DIA.
632	12	EACH	DETECTOR LOOP
632	2907	LIN. FT.	LOOP DETECTOR LEAD-IN CABLE, 2/C, NO. 14 AWG
632	72	LIN. FT.	POWER CABLE, 3/C, NO. 6 AWG
632	36	LIN. FT.	POWER CABLE, 2/C, NO. 6 AWG
632	5	EACH	CONDUIT RISER, 1" DIA.
632	3.53	CU. YD.	CONCRETE FOR ANCHOR BASE FOUNDATION
632	2	EACH	STRAIN POLE TYPE TC-81.10, DES. 6
633	1	EACH	CONTROLLER ACTUATED, 4-PHASE, SOLID STATE DIGITAL MICROPROCESSOR,
633	2	EACH	CONCRETE FOR CABINET FOUNDATION
633	2	EACH	CONTROLLER WORKPAD
633	1	EACH	UPS, 1000W, W/ ENCLOSURE

DETECTOR CHART

LOOP	SIZE (FT.)	NO. OF TURNS	MODE	DELAY (SEC.)	CONNECT TO DETECTOR UNIT NO.	ASSOCIATED CONTROLLER PHASE	COMMENTS
L-1	5.7X9.6	4	PULSE		1	1	ADD LOOP
L-2	5.7X9.6	4	PULSE		1	1	ADD LOOP
L-3	5.7X9.6	4	PULSE		2	1	ADD LOOP
L-4	5.7X9.6	4	PULSE		2	1	ADD LOOP
L-5	5.7X9.6	4	PULSE	3*	3	2	ADD LOOP
L-6	5.7X9.6	4	PULSE	3*	3	2	ADD LOOP
L-7	5.7X9.6	4	PULSE	3*	4	2	ADD LOOP
L-8	5.7X9.6	4	PULSE	3*	4	2	ADD LOOP
L-9	5.7X9.6	4	PRESENCE	8	5	2	ADD LOOP
L-9A	5X30	3+3	PRESENCE	8	7	2	POWERHEAD LOOP
L-10	5.7X9.6	4	PRESENCE	8	6	2	ADD LOOP
L-10A	5X30	3+3	PRESENCE	8	8	2	POWERHEAD LOOP

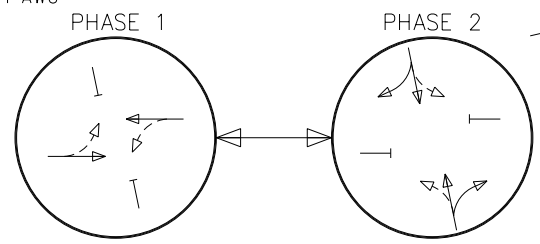
* INHIBIT DELAY DURING PHASE 2 GREEN



TYPICAL SIGNAL HEADS
BLACK POLYCARBONATE W/ 12" LED LAMPS



FLASHER OPERATION	
YELLOW TO	SR-61
RED TO	SR-601
SIGNAL NO.	HUR-61-22.005
INSTALLATION DATE	12-7-60
FILE NO.	0820
OSIS NO.	516



SIGNAL PHASING DIAGRAM

DATE	REVISIONS	DATE INSTALLED
5/4/94	UPGRADE FROM FLASHER TO STOP AND GO (PROJ. 284-93)	4-25-94
4/3/02	PLAN REDRAWN	
7/31/02	PLAN REDRAWN FOR SCALE	
3-2-10	CORRECTED SIGNAL HEADS IN PLAN VIEW	
6/5/12	PROJ 332(10)-ADD UPS, BACKPLATES, TETHER	5/10/12
10/06/11	PROJ 174(12)-UPGRADE DETECTOR LOOPS	6/4/12
4/2019	INSTALL RADAR FOR APPROACHES	

OHIO DEPARTMENT OF TRANSPORTATION					
ELECTRICAL INSTALLATION LOCATED AT SR 61 & SR 601 SIGNAL NO. HUR-61-22.005					
DISTRICT	3		COUNTY	HURON	
DRAWN	DESIGNED	REVISED	CHECKED	REVIEWED	SHEET OF

DESIGN FILE: \\FIELD\IN\ELECTRICAL\SIGNAL\DCGN\H61&601.dgn
 MODELNAME: Sheet
 WORKSTATION: cloughre DATE: 10/8/2019