

REF.	ITEM	UNIT	DESCRIPTION	QTY.
1	603	EACH	4" CONDUIT, TYPE E	100
4	625	EACH	CONNECTOR KIT, TYPE III	3
5	625	EACH	CONNECTOR KIT, TYPE VIII, CU	6
6	625	EACH	LIGHT POLE FOUNDATION, AS PER PLAN	3
7	625	LIN.FT.	CONDUIT, 725.04, 1"	51
8	625	LIN.FT.	CONDUIT, 725.05, 1-1/2"	417
9	625	LIN.FT.	CONDUIT, 725.05, 2"	1067
9	625	LIN.FT.	CONDUIT, 725.05, 3"	86
11	625	LIN.FT.	CONDUIT JACKED OR DRILLED UNDER PAVEMENT, 2"	315
12	625	LIN.FT.	CONDUIT JACKED OR DRILLED UNDER PAVEMENT, 3"	119
16	625	EACH	PULL BOX, 725.08, 18"	18
17	625	EACH	PULL BOX, 725.08, 24"	1
20	625	EACH	GROUND ROD, APP	8
29	631	EACH	PHOTOELECTRIC CONTROL	2
30	631	EACH	SIGN FLASHER ASSEMBLY, AS PER PLAN	3
34	632	EACH	VEHICULAR SIGNAL HEAD, 3-SECTION, 12" LENS, 1-WAY	6
41	632	EACH	LOOP DETECTOR UNIT, DELAY AND EXTENSION TYPE	7
45	632	LIN.FT.	SIGNAL CABLE, 3/C, #14 AWG	2027
46	632	LIN.FT.	SIGNAL CABLE, 5/C, #14 AWG	865
50	632	EACH	STRAIN POLE FOUNDATION, APP	1
51	632	LIN.FT.	SIGNAL SUPPORT FOUNDATION, APP	3
54	632	LIN.FT.	LOOP DETECTOR LEAD-IN CABLE, 2/C, NO. 14 AWG	3694
55	632	LIN.FT.	POWER CABLE, 2/C, NO. 6 AWG	15
56	632	LIN.FT.	POWER CABLE, 3/C, NO. 6 AWG	35
58	632	EACH	POWER SERVICE, APP	1
63	632	EACH	STRAIN POLE, TC-81.10, DESIGN 1	1
78	632	EACH	METER BASE, 125 AMP W/ BYPASS	1
114	632	EACH	SIGNAL SUPPORT, TYPE TC-81.20, DESIGN 11	2
115	632	EACH	SIGNAL SUPPORT, TYPE TC-12.30, INSTALLATION ONLY	1
81	632	EACH	STEEL STRAIN POLE, 7.5" DIAMETER, 10.5" BOLT CIRCLE, 11 GAUGE, 15', AS PER PLAN	3
87	632	LIN.FT.	LOOP DETECTOR PAVEMENT CUTTING, APP	464
89	632	LIN.FT.	LOOP DETECTOR WIRE, TYPE E, APP	1960
94	633	EACH	CONTROLLER UNIT, TYPE TS2/A2, W/ CABINET,	1
95	633	EACH	CABINET FOUNDATION,APP	1
96	633	EACH	CONTROLLER WORKPAD, APP (3'x4')	2
97	633	EACH	FLASHER CONTROLLER	1
99	633	EACH	BATTERY BACKUP SYSTEM WITHOUT ENCLOSURE	1

LOOP	SIZE (FT.)	NO. OF TURNS	MODE	DELAY (SEC.)	CONNECT TO DETECTOR UNIT NO.	ASSOCIATED CONTROLLER PHASE
L-1 & L-2	6X8	4	PULSE		1	2
L-3 & L-4	6X8	4	PULSE		2	2
L-5 & L-6	6X8	4	PULSE		3	6
L-7 & L-8	6X8	4	PULSE		4	6
L-9 & L-10	6X8	4	PULSE		5	6
L-11 & L-11B	6X35	3	PRESENCE	10 *	6	4
L-11A	6X20	3	PRESENCE	10 *	6	4
L-12 & L-12A	6X6	4	PULSE	3 *	7	4

POLE P-4 STA A665+55, 36.5' LT DESIGN 1, 20' INSTALL POWER SERVICE, W/ BYPASS METER BASE, FLASHER CONTROLLER AND CONC. WORPAD (3'X4')

POLE P-1
STA A665+66, 26' LT
TC-81.20 DESIGN 11, 39' ARM

PB-7 (24")
STA A665+45,
37' LT

POLE P-1
STA A665+66, 26' LT
TC-81.20 DESIGN 11, 39' ARM

A667

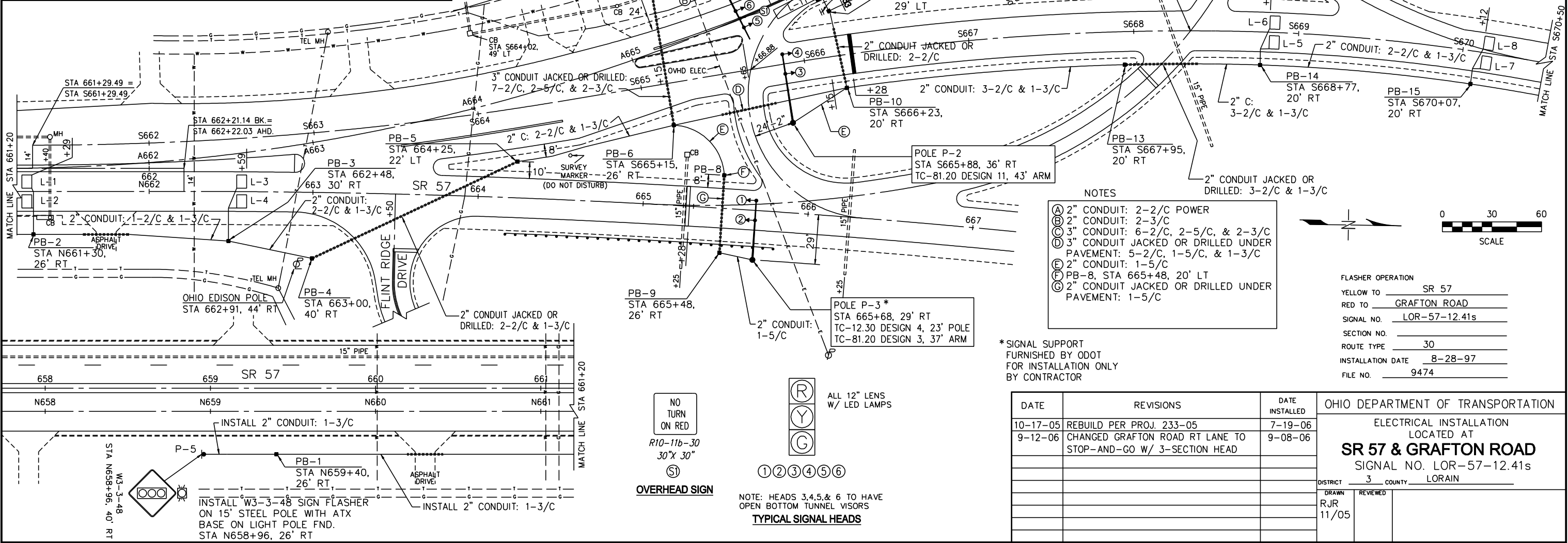
PB-11
STA S666+19,
20' LT

2" CONDUIT
-10
S666+23

POLE P-2
STA S665+8
TC-81.20 DE

DESIGN 4, 23' POLE

PHASE 2 & 6	PHASE 4



①②③④⑤⑥

NOTE: HEADS 3,4,5,& 6 TO HAVE
OPEN BOTTOM TUNNEL VISORS

TYPICAL SIGNAL HEADS

FLASHER OPERATION

YELLOW TO SR 57

RED TO GRAFTON ROAD

SIGNAL NO. LOR-57-12.41s

SECTION NO. _____

ROUTE TYPE 30

INSTALLATION DATE 8-28-97

FILE NO. 9474

DATE	REVISIONS	DATE INSTALLED	OHIO DEPARTMENT OF TRANSPORTATION	
10-17-05	REBUILD PER PROJ. 233-05	7-19-06	ELECTRICAL INSTALLATION LOCATED AT SR 57 & GRAFTON ROAD SIGNAL NO. LOR-57-12.41s DISTRICT <u>3</u> COUNTY <u>LORAIN</u>	
9-12-06	CHANGED GRAFTON ROAD RT LANE TO STOP-AND-GO W/ 3-SECTION HEAD	9-08-06		
DRAWN RJR 11/05			REVIEWED	