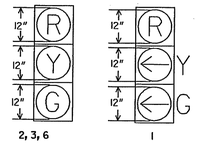
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP-034-3(37)	59	116

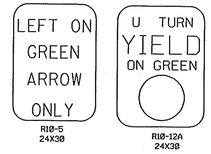
332 CABINET INPUT ASSIGNMENT

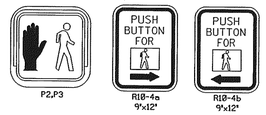
SLOT	1	2	3	4	5	6	7	8	9	10	11	12	13	14
UPPER INPUT FILE														
CHANNEL 1 — TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
CARD	2 CH DET	2 CH DET			2 CH DET									DC 150
CI PIN	56	39	63	47	58	41	65	49	60		80	67	68	81
FUNCTION	L1A	L2A			Ø3							Ø3 PED		FLASH
FIELD TERM	TB2 1,2	TB2 5,6	TB2 9,10	TB4 1,2	TB4 5,6	TB4 9,10	TB6 1,2	TB6 5,6	TB6 9,10			TB8 4,6	TB8 7,9	N/C
CHANNEL 2 — CI PIN	56	43	76	47	58	45	78	49	62		53	69	70	82
FUNCTION	L1B	L2B										Ø3 PED		STOP TIME
FIELD TERM	TB2 3,4	TB2 7,8	TB2 11,12	TB4 3,4	TB4 7,8	TB4 11,12	TB6 3,4	TB6 7,8	TB6 11,12			TB8 5,6	TB8 8,9	N/C
LOWER INPUT FILE														
CHANNEL 1 — TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
CARD	2 CH DET	2 CH DET												
CI PIN	55	40	64	48	57	42	66	50	59		54	71	72	51
FUNCTION	Ø5	L6A												R/R
FIELD TERM	TB3 1,2	TB3 5,6	TB3 9,10	TB5 1,2	TB5 5,6	TB5 9,10	TB7 1,2	TB7 5,6	TB7 9,10			TB9 4,6	TB9 7,9	TB9 10,12
CHANNEL 2 — CI PIN	55	44	77	48	57	46	79	50	61		75	73	74	52
FUNCTION		L6B												
FIELD TERM	TB3 3,4	TB3 7,8	TB3 11,12	TB5 3,4	TB5 7,8	TB5 11,12	TB7 3,4	TB7 7,8	TB7 11,12			TB9 5,6	TB9 8,9	TB9 11,12

SIGNAL HEADS



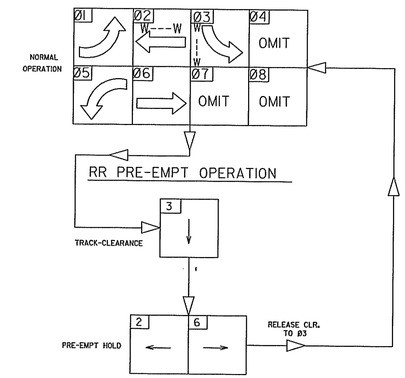
SIGNS

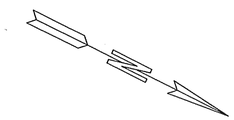


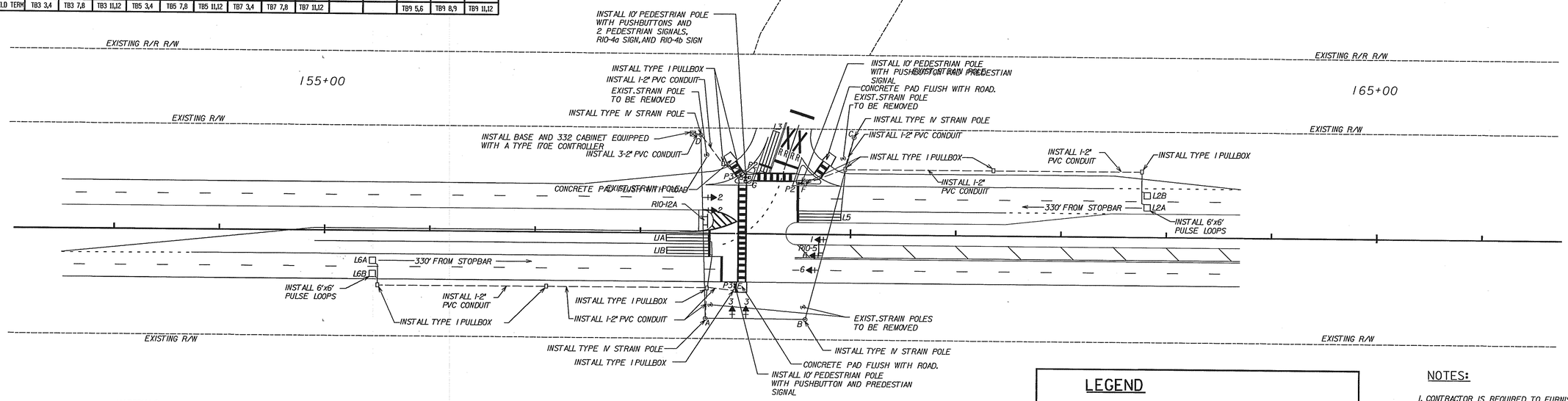


STRAIN POLES STATIONS & OFFSETS		
POLE	STA	OFFSET
A	158+63	81'
B	159+57	81'
C	160+03	92'
D	158+57	93'
E	158+91	51'
F	159+53	48'
G	158+99	53'

PHASING DIAGRAM







MATERIALS	UNIT	QUANTITY
TYPE 332 CABINET CONTROLLER ASSEMBLIES		
A. CONTROLLER UNIT, MODEL 2070	EACH	1
B. CABINET ASSEMBLY, MODEL 332	EACH	1
C. SWITCH PACK	EACH	7
D. DC ISOLATOR	EACH	1
E. AC ISOLATOR	EACH	1
F. LOOP DETECTOR - 2 CHANNEL	EACH	3
G. CONFLICT MONITOR, EXTENDED FEATURES	EACH	1
LOOPED LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT)		
A. 3 PAIR, 14 AWG	REEL	3
SIGNAL CABLE (14 AWG)		
B. 7-CONDUCTOR, PER 1000 FT	REEL	2
LOOP DETECTOR WIRE (14 AWG, STRANDED/ 1000 FT)	REEL	2
ONE-WAY, 3 SECTION, 12" SIGNAL HEAD, PLASTIC W/ LED INDICATIONS	EACH	7
BACK PLATE FOR ONE-WAY, 3 SECTION, 12" SIGNAL HEAD	EACH	7

MATERIALS	UNIT	QUANTITY
HARDWARE FOR SPAN WIRE ERECTION	EACH	3
HARDWARE FOR PEDESTAL ERECTION FOR 18" PEDESTRIAN SIGNAL HEADS, ONE WAY MOUNTING	EACH	4
PULL BOX, TP 1, POLYMER CONCRETE	EACH	10
LOOP SAW CUT (5/16")	FT	791
CONDUIT, 2"	FT	911
MISC. MATL. TO COMPLETE INSTALLATION	LS	LUMP
10' PEDESTRIAN POLE	EACH	3
PEDESTRIAN PUSH BUTTON STATION	EACH	4
R10-4a (R) SIGN	EACH	2
R10-4b (L) SIGN	EACH	2
18" PEDESTRIAN INCANDESCENT SIGNAL HEAD, POLYCARBONATE	EACH	4

PAY ITEMS			
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 1	LS	LUMP
639-4004	STRAIN POLE, TP IV	EACH	4
636-1020	R10-5 SIGN- HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	SF	5.00
636-1020	R10-12A SIGN- HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	SF	5.00
441-0104	CONC SIDEWALK, 4 IN	SY	50

LEGEND

- 6'x6' LOOP DETECTOR
- 6'x40' QUADRUPOLE LOOP DETECTOR
- PROPOSED OVERHEAD SIGN
- NEW LOCATION OF 3-SECTION VEHICULAR SIGNAL HEAD WITH BACKPLATE
- PULL BOX
- EXISTING STRAIN POLE
- PROPOSED STRAIN POLE
- NEW PEDESTRIAN SIGNAL POLE WITH DOUBLE HEAD AND PUSHBUTTON.
- NEW PEDESTRIAN SIGNAL POLE WITH SINGLE HEAD AND PUSHBUTTON.

NOTES:

1. CONTRACTOR IS REQUIRED TO FURNISH AND INSTALL ALL MATERIAL AND EQUIPMENT NECESSARY TO PROVIDE A COMPLETE AND OPERABLE SYSTEM AS SHOWN ON THE PLANS. THIS WILL INCLUDE CONTROLLER ASSEMBLY AND CABINET, NEW LOOPS, WIRING AND CONDUIT, AND ANY INCIDENTALS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL ENSURE THAT RAILROAD PREEMPTION PHASING IS OPERABLE IN THE NEW SIGNAL SYSTEM.
3. CONTRACTOR MUST INSTALL AND TEST ALL NEW SIGNAL ITEMS. THE CONTRACTOR MAY ONLY BRIEFLY INTERRUPT THE SIGNAL OPERATION TO CHANGE THE CABINET AND CONTROLLER, AND ONLY WHILE POLICE OFFICERS CONTROL TRAFFIC AT THIS INTERSECTION.
4. ALL INDICATIONS SHALL USE LED MODULES AND ALL SIGNAL HEADS SHALL HAVE BACKPLATES.

S.R. 247 / U.S. 129
INTERSECTION IMPROVEMENT @
C.R. 125 / AVONDALE MILL ROAD

VOLKERT & ASSOCIATES, INC.
CONSULTING ENGINEERS
2515 CLEVELAND HIGHWAY
SUITE 5
DALTON, GEORGIA 30721
(706)278-9288

SCALE IN FEET
0 50 100 200

DATE	REVISIONS	DATE	REVISIONS

GEORGIA
DEPARTMENT OF TRANSPORTATION
SIGNAL PLAN
PROJECT STP-034-3(37)
COUNTY BIBB
DATE SH OF

DGN$SPECIFICATION$$$$$$$$$$$$$$$$$$$$$
SHOWDATETIME$$$$$$

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