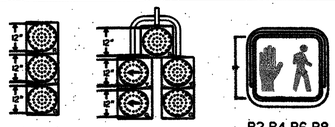
OPERATOR: $USER$	DATE/TIME: $DATE$ $TIME$	PLOTDRV: $PLOTTER$	COLORTABLE: $COLORTABLE$	COUNTY	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
FILE NAME: $FILEABBREV$		WORKSPACE: $PROJECT DESCRIPTION$		RICHMOND	STP-0005-00(925)	22	83

LIST OF MATERIALS FOR TRAFFIC INSTALLATION AT INTERSECTION NO. 7

ITEM	MATERIALS	UNITS	QUANTITIES
	CONTROL CABINET ASSEMBLIES		
	A. CONTROLLER UNIT, MODEL 2070L	EA	1
	D. CABINET ASSEMBLY, MODEL 332	EA	1
	E. SWITCH PACK	EA	10
	F. DC ISOLATOR	EA	3
	G. LOOP DETECTOR, 2-CHANNEL	EA	6
	J. 2010 CONFLICT MONITOR, EXTENDED FEATURES	EA	1
	K. BATTERY BACKUP SYSTEM		
	2. EXTERNAL MOUNTED, (per GDOT specs)		
	HAYES SMARTMODEM (OR EQUIVILENT), 33.6 KB/S	EA	1
	TELEPHONE LINE DEDICATION AND MODEM HOOKUP	EA	1
	PC642-200 (OR EQUIVILENT) SURGE PROTECTOR	EA	1
	LOOP/PED LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT)		
	A. 3 PAIR, 18 AWG	RL	3
	SIGNAL CABLE (14 AWG)		
	A. 7 CONDUCTOR, PER 1000 FT	RL	2
	LOOP DETECTOR WIRE (14 AWG, STRANDED/1000 FT)	RL	3
	ONE-WAY, 3-SECTION, 12" EXPANDED VIEW LED SIGNAL HEAD, PLASTIC	EA	8
	ONE-WAY, 5-SECTION, 12" EXPANDED VIEW LED SIGNAL HEAD (CLUSTER), PLASTIC	EA	2
	BACK PLATE FOR ONE-WAY, 3-SECTION, 12" SIGNAL HEAD	EA	6
	BACK PLATE FOR ONE-WAY, 5-SECTION, CLUSTERED 12" SIGNAL HEAD	EA	2
	5-SECTION CLUSTER SPAN WIRE ASSEMBLY	EA	2
	ONE-WAY, 1-SECTION, 16" PEDESTRIAN LED SIGNAL HEAD, FULL SIDE BY SIDE	EA	8
	PEDESTRIAN PUSH BUTTON AND SIGN, w/ADAPTER FOR 9" x 12" SIGNS	EA	8
	HARDWARE FOR SPANWIRE MOUNTING	EA	8
	HARDWARE FOR PEDESTAL POLE, TOP POST MOUNTING, ONE-WAY BRACKET ASSEMBLY	EA	1
	HARDWARE FOR PEDESTAL POLE, TOP POST MOUNTING, TWO-WAY BRACKET ASSEMBLY	EA	2
	HARDWARE FOR SIDE-OF-POLE MOUNTING, ONE-WAY BRACKET ASSEMBLY	EA	1
	HARDWARE FOR SIDE-OF-POLE MOUNTING, TWO-WAY BRACKET ASSEMBLY	EA	1
	PEDESTAL POLE 10 FT	EA	3
	PULL BOX, PB-2	EA	13
	PULL BOX, PB-3	EA	1
	LOOP SAW CUT	LF	860
	CONDUIT, TP2 1 IN	LF	80
	CONDUIT, TP2 2 IN	LF	650
	CONDUIT, RIGID 1 IN	LF	50
	CONDUIT, NONMETAL, TP 3, 2 IN	LF	180

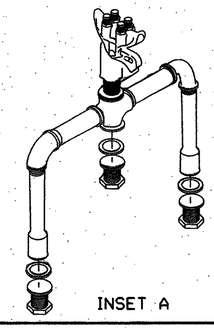
VEHICLE AND PEDESTRIAN SIGNALS



WHEELCHAIR RAMPS

- (A) INSTALL TYPE A WHEELCHAIR RAMP
- (B) INSTALL TYPE B WHEELCHAIR RAMP
- (C) INSTALL TYPE C WHEELCHAIR RAMP
- (D) INSTALL TYPE D WHEELCHAIR RAMP

5-SECTION CLUSTER SPAN WIRE ASSEMBLY

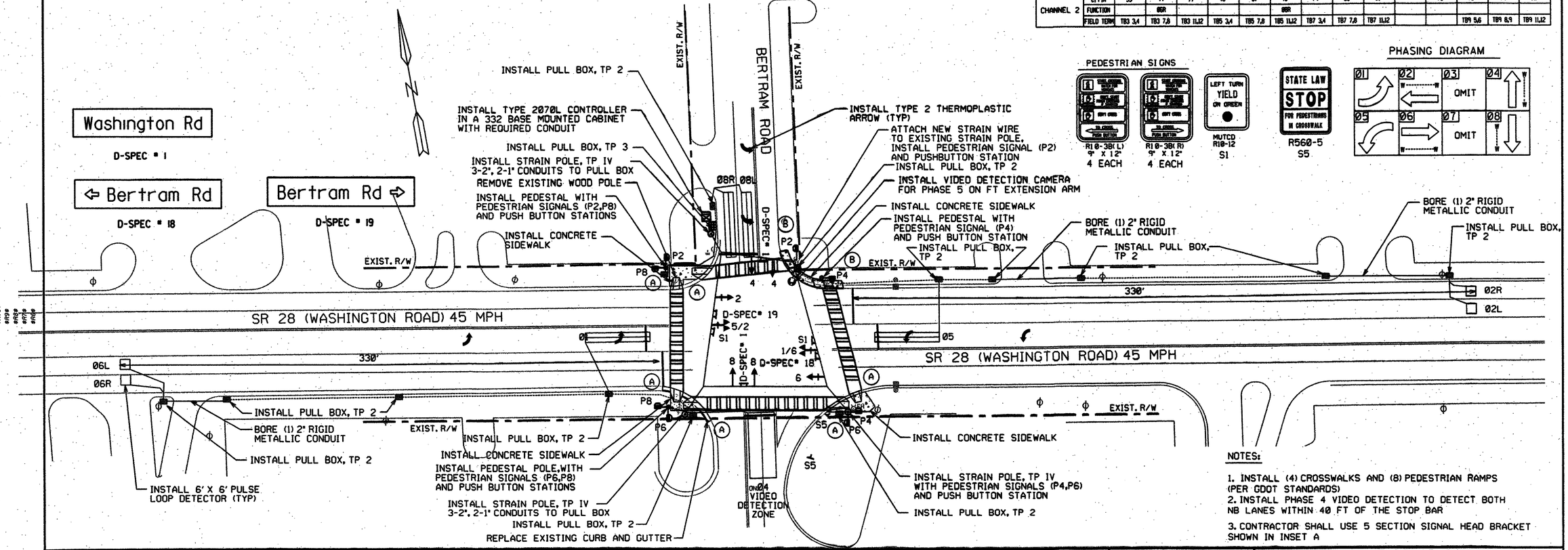


332 CABINET INPUT ASSIGNMENT

SLOT	1	2	3	4	5	6	7	8	9	10	11	12	13	14
UPPER INPUT FILE														
	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
	CARD	2 CH	2 CH				2 CH YID						DC 150	DC 150	DC 150
CHANNEL 1	C1 PIN	96	39	63	47	98	41	65	49	68		88	67	68	61
	FUNCTION	61	62L				64						02 PED	06 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	C1 PIN	96	43	76	47	98	45	78	49	82		53	69	70	82
	FUNCTION		66R										04 PED	08 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															
	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
	CARD	2 CH	2 CH				2 CH								
CHANNEL 1	C1 PIN	55	40	64	48	57	42	66	50	59		54	71	72	51
	FUNCTION	65	65L				65L								
	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	C1 PIN	55	44	77	48	57	46	79	50	61		75	73	74	52
	FUNCTION		66R				66R								
	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

PEDESTRIAN SIGNS

PHASING DIAGRAM



NOTES:

1. INSTALL (4) CROSSWALKS AND (8) PEDESTRIAN RAMPS (PER GDOT STANDARDS)
2. INSTALL PHASE 4 VIDEO DETECTION TO DETECT BOTH NB LANES WITHIN 40 FT OF THE STOP BAR
3. CONTRACTOR SHALL USE 5 SECTION SIGNAL HEAD BRACKET SHOWN IN INSET A

SR 28 (WASHINGTON RD.)
&
BERTRAM RD.

DWA
Day Wilburn Associates, Inc.

SCALE IN FEET
0 30 60 120

REVISION DATES		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: TRAFFIC SAFETY & DESIGN
SIGNAL PLANS
INTERSECTION NO. 7
DESIGN AND INSTALLATION

DRAWING No. 27-15