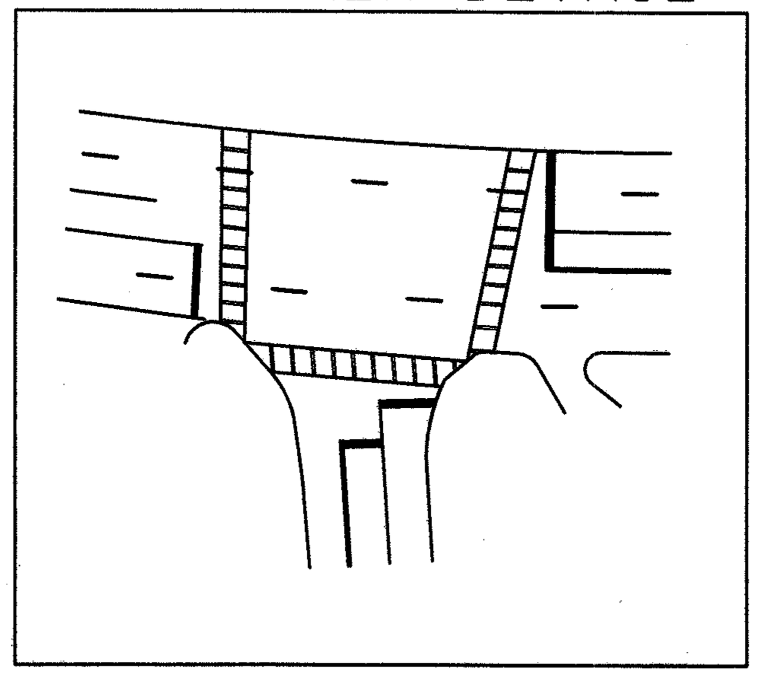
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP-0004-00(588)	12	53

CROSSWALK DETAIL



STREET NAME SIGNS

Big A Rd

D-SPEC #1

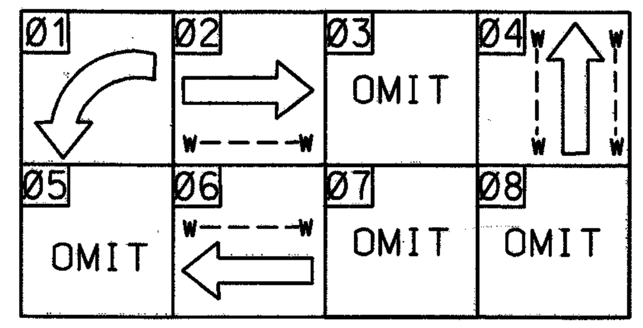
Collins Rd →

D-SPEC #5

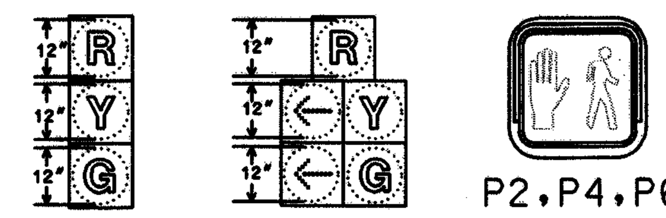
← Collins Rd

D-SPEC #6

PHASING DIAGRAM

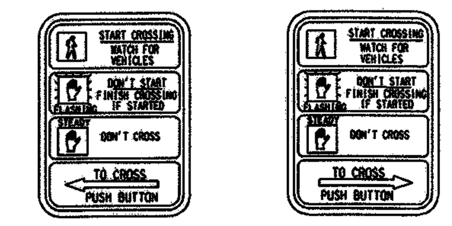


SIGNAL HEADS

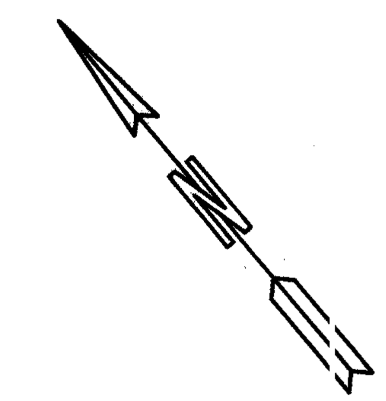


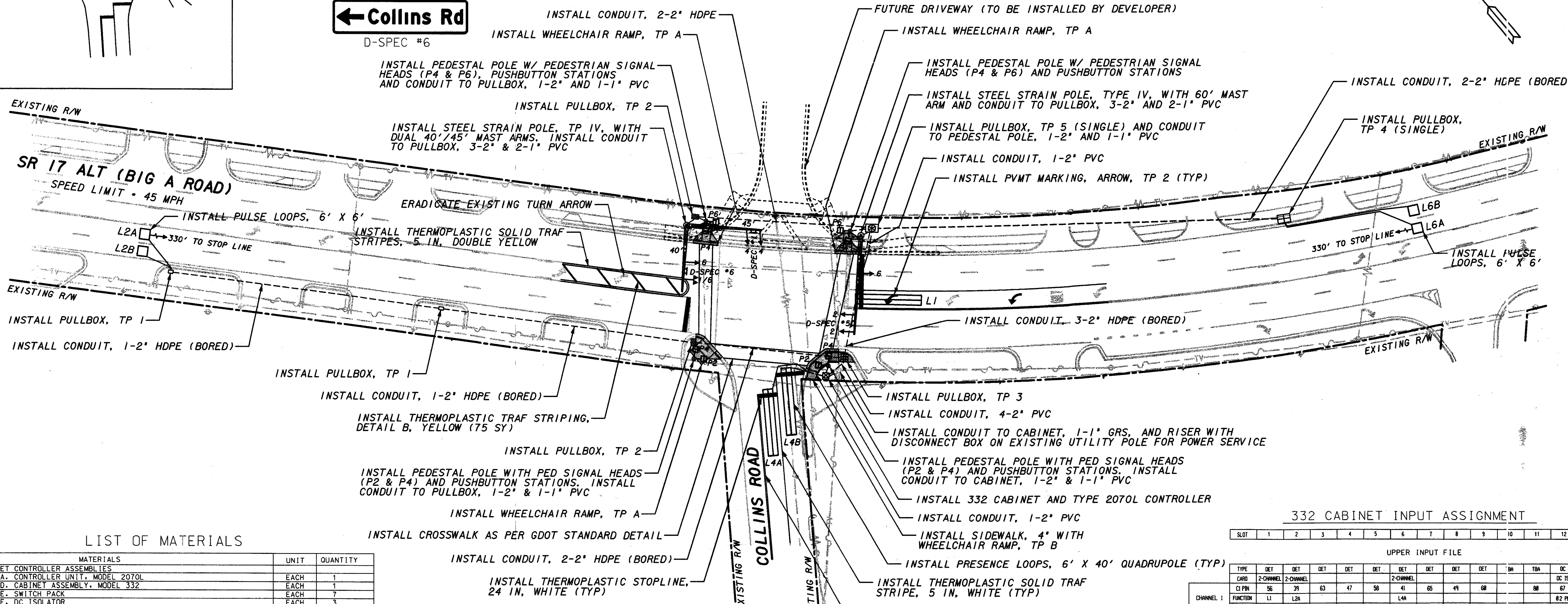
2,4,6 1/6 P2,P4,P6

PEDESTRIAN SIGNS



R10-3B(L) 9" X 12" R10-3B(R) 9" X 12"





LIST OF MATERIALS

MATERIALS	UNIT	QUANTITY
CABINET CONTROLLER ASSEMBLIES		
A. CONTROLLER UNIT, MODEL 2070L	EACH	1
D. CABINET ASSEMBLY, MODEL 332	EACH	1
E. SWITCH PACK	EACH	7
F. DC ISOLATOR	EACH	3
G. LOOP DETECTOR, 2 CHANNEL	EACH	4
J. CONFLICT MONITOR, EXTENDED FEATURES	EACH	1
LOOP/PED LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT) A. 3 PAIR, 18 AWG	REEL	2
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" LED SIGNAL HEAD, NON-SWAY TYPE	EACH	6
ONE-WAY, 5-SECTION, 12" LED SIGNAL HEAD, NON-SWAY TYPE	EACH	1
18" PEDESTRIAN LED SIGNAL HEAD, SIDE BY SIDE	EACH	8
PEDESTRIAN PUSHBUTTON STATION	EACH	8
PEDESTAL POLE, 10'	EACH	4
HARDWARE FOR MAST ARM ERECTION	EACH	7
HARDWARE FOR PEDESTAL ERECTION FOR 18" PEDESTRIAN SIGNAL HEADS, TWO-WAY MOUNTING	EACH	4
PULL BOX, TP 1, POLYMER CONCRETE	EACH	2
PULL BOX, TP 2, POLYMER CONCRETE	EACH	2
PULL BOX, TP 3, POLYMER CONCRETE	EACH	1
LOOP SAW CUT	LIN FT	740
CONDUIT, 1"	LIN FT	150
CONDUIT, 2"	LIN FT	200
MISC MATL TO COMPLETE INSTALLATION	LUMP	LUMP

PAY ITEMS

		UNIT	QUANTITY
441-0104	CONCRETE SIDEWALK, 4 IN	SY	65
441-6222	CONCRETE CURB & GUTTER, 8 IN X 30 IN, TP 2	LIN FT	80
615-1200	DIRECTIONAL BORE, 3 IN	LIN FT	320
615-1200	DIRECTIONAL BORE, 6 IN	LIN FT	450
615-1200	DIRECTIONAL BORE, 8 IN	LIN FT	80
639-3004	STEEL STRAIN POLE, TP IV, WITH 60 FT MAST ARM	EACH	1
639-3004	STEEL STRAIN POLE, TP IV, WITH DUAL 40'/45' MAST ARMS	EACH	1
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 3	LUMP	LUMP
647-2141	PULLBOX, PB-4S	EACH	1
647-2151	PULLBOX, PB-5S	EACH	1
653-0120	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	EACH	2
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN WHITE	LIN FT	260
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN YELLOW	LIN FT	820
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN WHITE	LIN FT	90
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN WHITE	LIN FT	800
653-6006	THERMOPLASTIC TRAF STRIPING, YELLOW	SY	75
682-6233	CONDUIT, NONMETL, TP 3, 2 IN	LIN FT	1460
935-6562	EXTERNAL TRANSCEIVER,DROP AND REPEAT, 1310 SINGLE MODE,(SIGNAL JOBS)	EACH	1

NOTE: REFER TO COMMUNICATIONS PLAN SHEETS FOR UTILITY POLE ATTACHMENT CHARTS

332 CABINET INPUT ASSIGNMENT

UPPER INPUT FILE

	SLOT	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	BA	TBA	DC	DC	DC
	CARD	2-CHANNEL	2-CHANNEL				2-CHANNEL						DC ISO	DC ISO	DC ISO
CHANNEL 1	C1 PIN	56	39	63	47	58	41	65	49	60		80	67	68	81
CHANNEL 1	FUNCTION	L1	L2A				L4A						Ø2 PED	Ø6 PED	FLASH
CHANNEL 1	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	56	43	76	47	58	45	78	49	62		53	69	70	82
CHANNEL 2	FUNCTION		L2B				L4B						Ø4 PED		STOP TIME
CHANNEL 2	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

		1	2	3	4	5	6	7	8	9	10	11	12	13	14
	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	BA	TBA	DC	DC	DC
	CARD		2-CHANNEL												
CHANNEL 1	C1 PIN	55	40	64	48	57	42	66	50	59		54	71	72	51
CHANNEL 1	FUNCTION		L6A												
CHANNEL 1	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
CHANNEL 2	FUNCTION		L6B												
CHANNEL 2	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

	NAME	DATE		NAME	DATE
DESIGNED BY	MJB	07-02-03	DRAWN BY	MI	07-02-03
CHECKED BY	VOW	07-02-03	CHECKED BY	VOW	07-02-03

SUPERVISED BY VERNON O. WILBURN,P.E.

Wolverton & Associates INCORPORATED

WOLVERTON & ASSOCIATES, INC.
5300 OAKBROOK PARKWAY
SUITE 150
NORCROSS, GA 30093
(770) 447-8999

30 0 30 60 90FT.

SCALE: 1" = 30'

DATE	REVISIONS	DATE	REVISIONS

GEORGIA
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION/INSTALLATION PLAN

SR 17 ALT (BIG A RD) AND COLLINS RD
TRAFFIC SIGNAL INSTALLATION NO. 3

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