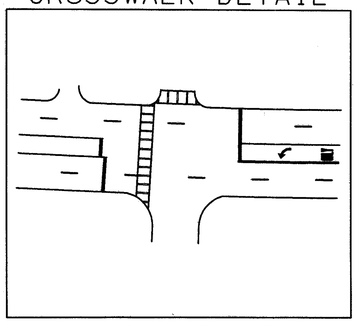
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP-0004-00(588)	18	53

CROSSWALK DETAIL

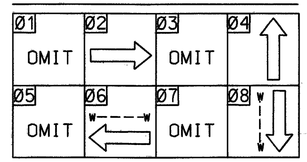


STREET NAME SIGNS

Big A Rd

D-SPEC #1

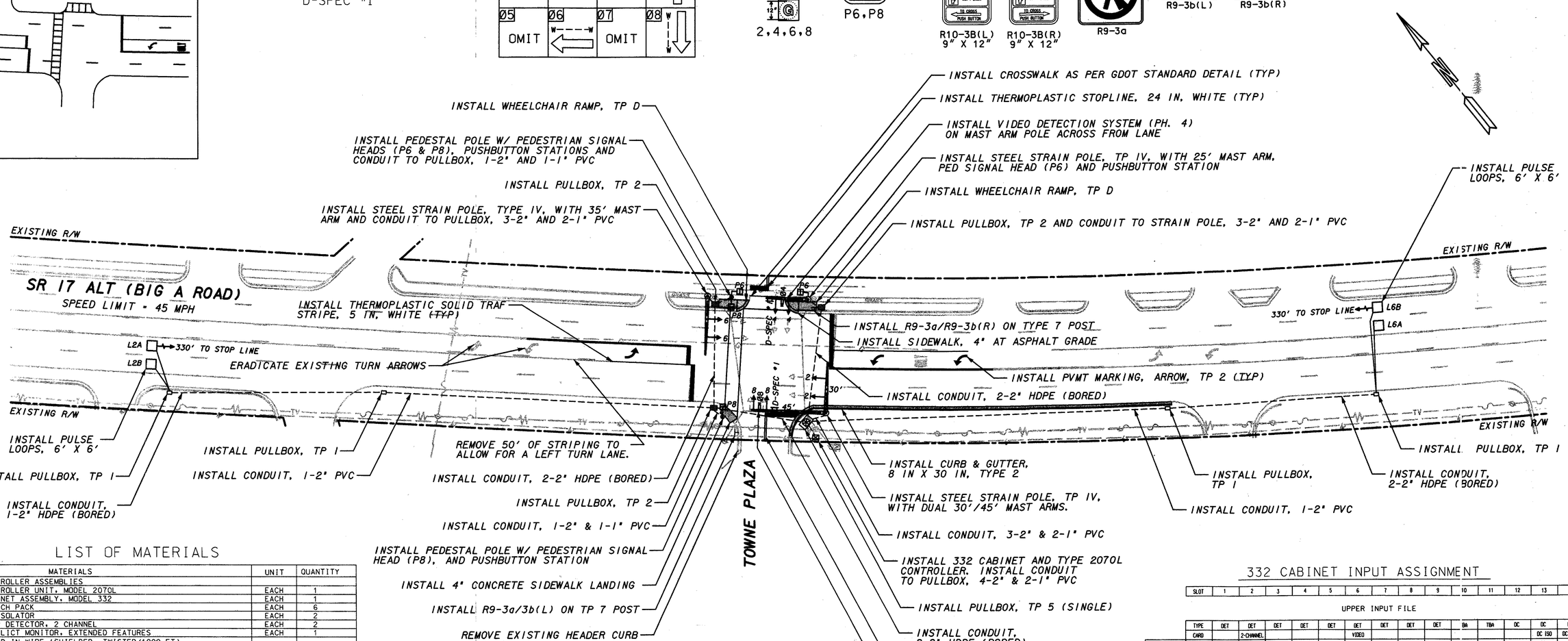
PHASING DIAGRAM



SIGNAL HEADS

PEDESTRIAN SIGNS

R10-3B(L) 9" X 12" R10-3B(R) 9" X 12" R9-3a R9-3b(L) R9-3b(R)



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	6
F. DC ISOLATOR	EACH	2
G. LOOP DETECTOR, 2 CHANNEL	EACH	2
J. CONFLICT MONITOR, EXTENDED FEATURES	EACH	1
LOOP/PED LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT) A. 3 PAIR, 18 AWG	REEL	1
SIGNAL CABLE (14 AWG) B. 7 CONDUCTOR, PER 1000 FT.	REEL	2
LOOP DETECTOR WIRE (14 AWG, STRANDED/1000 FT)	REEL	1
ONE-WAY, 3-SECTION, 12" LED SIGNAL HEAD, NON SWAY-TYPE	EACH	8
18" PEDESTRIAN LED SIGNAL HEAD, SIDE BY SIDE	EACH	4
PEDESTRIAN PUSHBUTTON STATION	EACH	4
PEDESTAL POLE, 10'	EACH	2
HARDWARE FOR MAST ARM ERECTION	EACH	8
HARDWARE FOR PEDESTAL ERECTION FOR 18" PEDESTRIAN SIGNAL HEADS, ONE-WAY MOUNTING	EACH	1
HARDWARE FOR PEDESTAL ERECTION FOR 18" PEDESTRIAN SIGNAL HEADS, TWO-WAY MOUNTING	EACH	1
HARDWARE FOR BRACKET ERECTION ON STEEL, CONCRETE OR WOOD POLES FOR 18" PEDESTRIAN SIGNAL HEADS, ONE-WAY MOUNTING	EACH	1
PULL BOX, TP 1, POLYMER CONCRETE	EACH	4
PULL BOX, TP 2, POLYMER CONCRETE	EACH	3
LOOP SAW CUT	LIN FT	340
CONDUIT, 1"	LIN FT	120
CONDUIT, 2"	LIN FT	620
R9-3a/3b - NO PEDESTRIAN CROSSING SIGN W/ TYPE 7 POST	EACH	2
MISC MATL TO COMPLETE INSTALLATION	LUMP	LUMP

PAY ITEMS

		UNIT	QUANTITY
441-0104	CONCRETE SIDEWALK, 4 IN	SY	23
441-6222	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	LIN FT	275
610-0400	REM CONC HEADER CURB ALL SIZES	LIN FT	25
615-1200	DIRECTIONAL BORE, 3 IN	LIN FT	260
615-1200	DIRECTIONAL BORE, 6 IN	LIN FT	195
639-3004	STEEL STRAIN POLE, TP IV, WITH 25 FT MAST ARM	EACH	1
639-3004	STEEL STRAIN POLE, TP IV, WITH 35 FT MAST ARM	EACH	1
639-3004	STEEL STRAIN POLE, TP IV, WITH DUAL 30'/45' MAST ARMS	EACH	1
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 6	LUMP	LUMP
647-2141	PULLBOX, PB-4S	EACH	2
647-2151	PULLBOX, PB-5S	EACH	1
653-0120	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	EACH	3
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN WHITE	LIN FT	145
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN YELLOW	LIN FT	490
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN WHITE	LIN FT	70
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN WHITE	LIN FT	430
682-6233	CONDUIT, NON-METL, TP 3, 2 IN	LIN FT	650
935-6562	EXTERNAL TRANSCEIVER,DROP AND REPEAT, 1310 SINGLE MODE,(SIGNAL JOBS)	EACH	1
938-1100	INTERSECTION VIDEO DETECTION SYSTEM ASSEMBLY, TYPE A	EACH	2

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

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	BA	TBA	DC	DC	DC
	CARD		2-CHANNEL				VIDEO							DC ISO	DC ISO
CHANNEL 1	CI PIN	56	39	63	47	58	41	65	49	68		88	67	69	81
	FUNCTION		L2A				L4							@6 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
	CI PIN	56	43	76	47	58	45	78	49	62		53	69	70	82
CHANNEL 2	FUNCTION		L2B											@8 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	BA	TBA	DC	DC	DC
	CARD		2-CHANNEL				VIDEO								
CHANNEL 1	CI PIN	55	40	64	48	57	42	66	50	59		54	71	72	51
	FUNCTION		L6A				L8								
	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
	CI PIN	55	44	77	48	57	46	79	50	61		75	73	74	52
CHANNEL 2	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

	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 TOWNE PLAZA
TRAFFIC SIGNAL INSTALLATION NO. 6

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