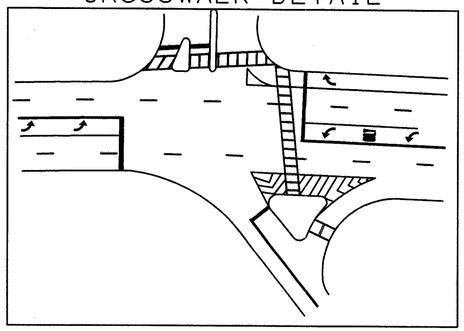
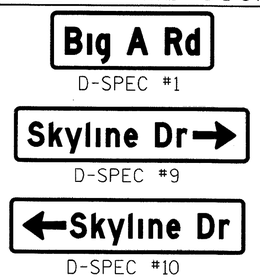
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP-0004-00(588)	16	53

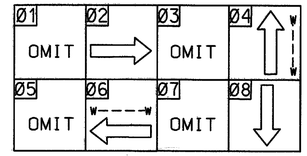
CROSSWALK DETAIL



STREET NAME SIGNS



PHASING DIAGRAM

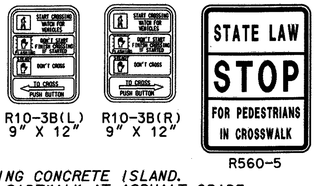


SIGNAL HEADS

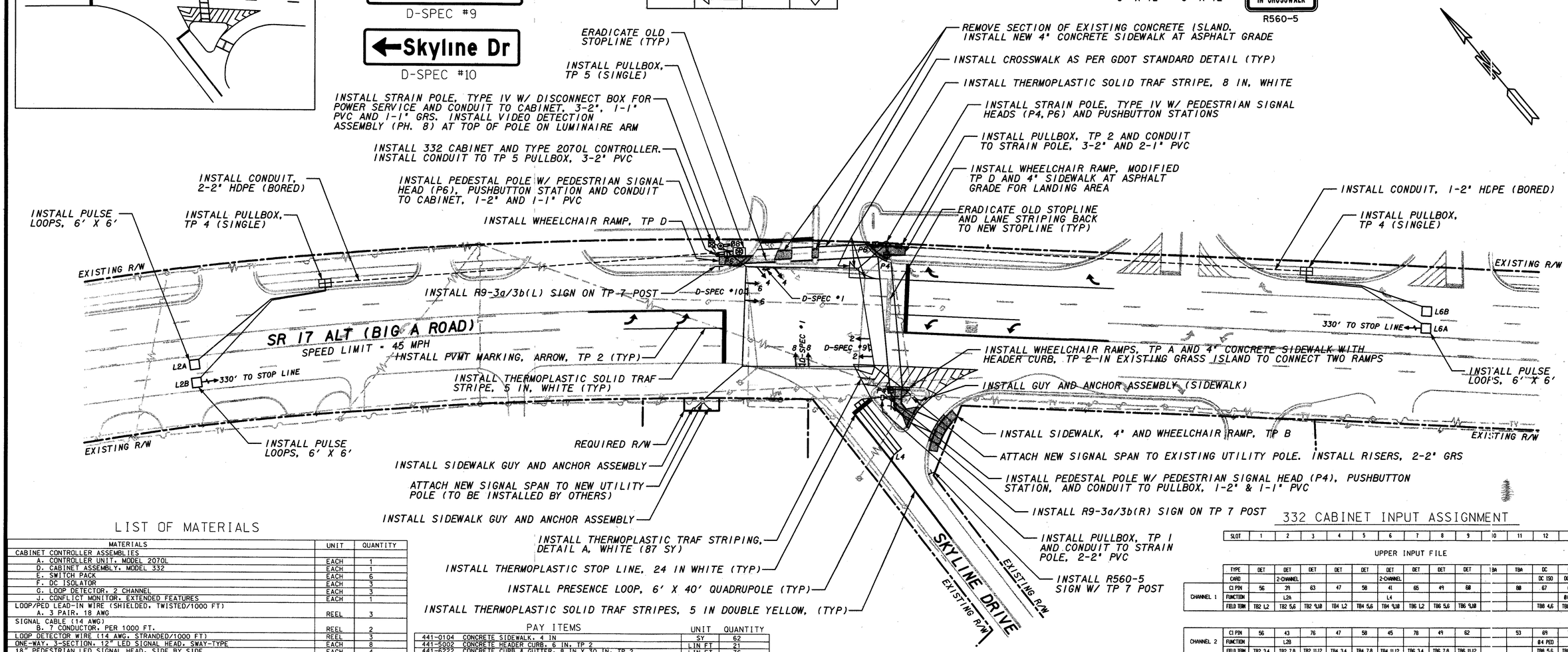
2,4,6,8

P4,P6

PEDESTRIAN SIGNS



R10-3B(L) 9" X 12"
R10-3B(R) 9" X 12"
R560-5
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	3
G. LOOP DETECTOR, 2 CHANNEL	EACH	3
J. CONFLICT MONITOR, EXTENDED FEATURES	EACH	1
LOOP/PED LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT) A. 3 PAIR, 18 AWG	REEL	3
SIGNAL CABLE (14 AWG) B. 7 CONDUCTOR, PER 1000 FT.	REEL	2
LOOP DETECTOR WIRE (14 AWG, STRANDED/1000 FT)	REEL	3
ONE-WAY, 3-SECTION, 12" LED SIGNAL HEAD, 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 SPAN WIRE ERECTION	EACH	8
HARDWARE FOR PEDESTAL ERECTION FOR 18" PEDESTRIAN SIGNAL HEADS, ONE-WAY MOUNTING	EACH	2
HARDWARE FOR BRACKET ERECTION ON STEEL, CONCRETE OR WOOD POLES FOR 18" PEDESTRIAN SIGNAL HEADS, TWO-WAY MOUNTING	EACH	1
GUY AND ANCHOR ASSEMBLY (SIDEWALK)	EACH	3
PULL BOX, TP 1, POLYMER CONCRETE	EACH	1
PULL BOX, TP 2, POLYMER CONCRETE	EACH	1
LOOP SAW CUT	LIN FT	420
CONDUIT, 1"	LIN FT	60
CONDUIT, 2"	LIN FT	210
R9-3a/3b - NO PEDESTRIAN CROSSING SIGN W/ TP 7 POST	EACH	2
R560-5, STATE LAW - STOP FOR PEDESTRIANS IN CROSSWALK SIGN W/ TP 7 POST	EACH	1
MISC MATL TO COMPLETE INSTALLATION	LUMP	LUMP

PAY ITEMS

		UNIT	QUANTITY
441-0104	CONCRETE SIDEWALK, 4 IN	SY	62
441-5002	CONCRETE HEADER CURB, 6 IN, TP 2	LIN FT	21
441-6222	CONCRETE CURB & GUTTER, 8 IN X 30 IN, TP 2	LIN FT	76
615-1200	DIRECTIONAL BORE, 3 IN	LIN FT	260
615-1200	DIRECTIONAL BORE, 6 IN	LIN FT	265
639-4004	STRAIN POLE, TP IV	EACH	1
639-4004	STRAIN POLE, TP IV, WITH LUMINAIRE ARM	EACH	1
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 5	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	6
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN WHITE	LIN FT	275
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN YELLOW	LIN FT	640
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN WHITE	LIN FT	125
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN WHITE	LIN FT	610
653-6004	THERMOPLASTIC TRAF STRIPING, WHITE	SY	87
682-6233	CONDUIT, NONMETL, TP 3, 2 IN	LIN FT	790
935-6562	EXTERNAL TRANSCEIVER,DROP AND REPEAT, 1310 SINGLE MODE,(SIGNAL JOBS)	EACH	1
938-1100	INTERSECTION VIDEO DETECTION SYSTEM ASSEMBLY, TYPE A	EACH	1

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	TBA	TBA	DC	DC	DC
CARD		2-CHANNEL				2-CHANNEL						DC ISO	DC ISO	DC ISO
CHANNEL 1 — C1 PIN	56	39	63	47	58	41	65	49	68		88	67	68	81
CHANNEL 1 — FUNCTION		L2A				L4							B6 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										B4 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														
TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
CARD		2-CHANNEL				VIDEO								
CHANNEL 1 — C1 PIN	55	40	64	46	57	42	66	50	59		54	71	72	51
CHANNEL 1 — FUNCTION		L6A				L8								
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 D. 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 SKYLINE DR
TRAFFIC SIGNAL INSTALLATION NO. 5

..\DgnWestfield\32703S1505.dgn 1/30/2004 12:04:44 PM