STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP-0005-00(288)	19	65

STREET NAME SIGNS

E E Butler Pkwy
D-SPEC. # 4

College Ave
D-SPEC. # 9

PHASING DIAGRAM

Ø1	Ø2	Ø3	Ø4
OMIT	W----W	OMIT	W W
Ø5	Ø6	Ø7	Ø8
OMIT	W----W	OMIT	W W

SIGNAL HEADS

R Y G — 2, 4, 6, 8

P2, P4, P6, P8

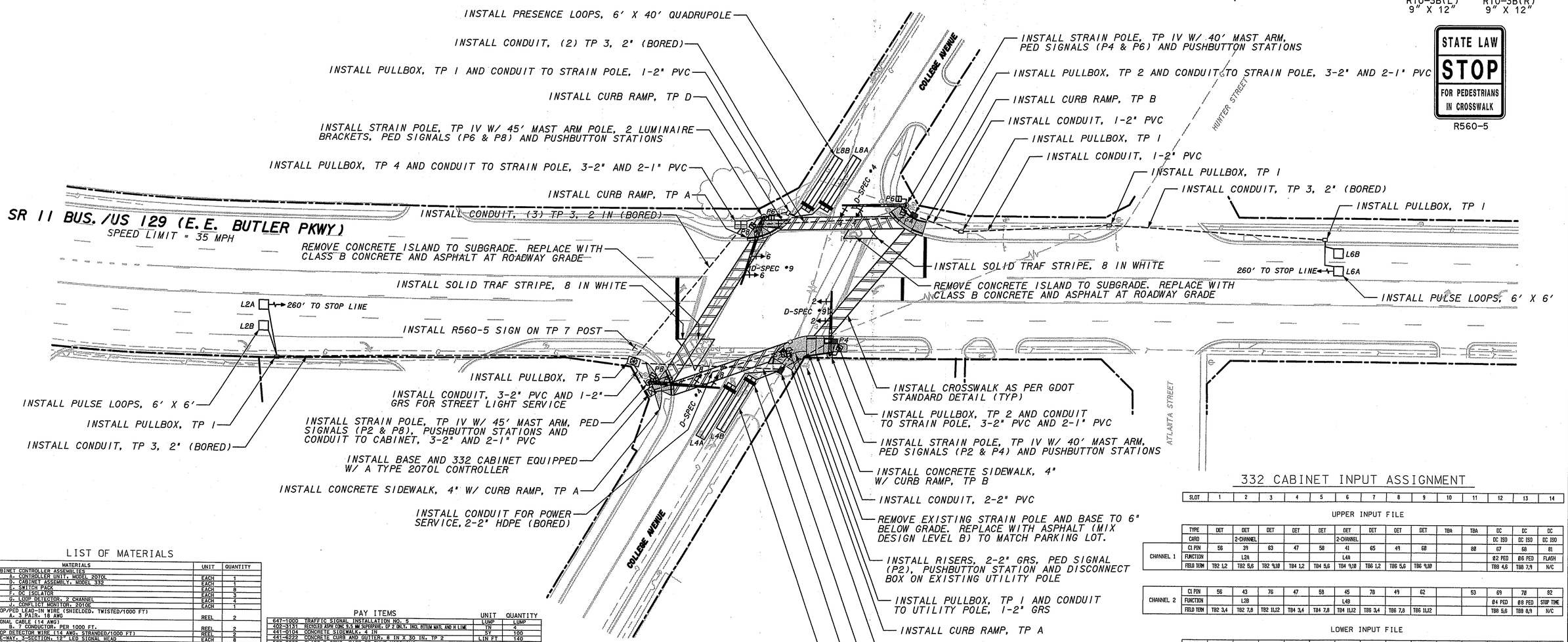
ALL TRAFFIC SIGNAL HEADS, PEDESTRIAN HEADS AND PUSHBUTTON STATIONS SHALL BE ALL BLACK

SIGNS

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

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

STATE LAW
STOP
FOR PEDESTRIANS IN CROSSWALK
R560-5



MAST ARM POLES SHALL BE UNION METAL: VICTOR STANLEY TAVERN SQUARE GREEN OR EQUAL

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-CHANNEL				2-CHANNEL						DC ISO	DC ISO	DC ISO
	C1 PIN	58	39	63	47	58	41	65	49	68		88	67	68	81
	FUNCTION		L2A				L4A						Ø2 PED	Ø6 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			TB9 4,6	TB8 7,9	N/C
CHANNEL 2	C1 PIN	56	43	76	47	58	45	78	49	62		53	69	70	82
	FUNCTION		L2B				L4B						Ø4 PED	Ø8 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-CHANNEL				2-CHANNEL								
	C1 PIN	55	40	64	48	57	42	66	50	69		54	71	72	51
	FUNCTION		L6A				L8A								
	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		L6B				L8B								
	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

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	8
F. DC ISOLATOR	EACH	3
G. LOOP DETECTOR, 2 CHANNEL	EACH	4
J. CONFLICT MONITOR, 2010E	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	EACH	8
BACKPLATE FOR ONE-WAY, 3-SECTION, 12" LED SIGNAL HEAD	EACH	8
18" PEDESTRIAN LED SIGNAL HEAD, SIDE BY SIDE, FULL VIEW	EACH	8
PEDESTRIAN PUSH BUTTON STATION	EACH	8
HARDWARE FOR MAST ARM ERECTION	EACH	8
HARDWARE FOR BRACKET ERECTION ON STEEL, CONCRETE OR WOOD POLES 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	3
PULL BOX, TP 1, POLYMER CONCRETE	EACH	6
PULL BOX, TP 2, POLYMER CONCRETE	EACH	3
LOOP SAW CUT	LIN FT	780
CONDUIT, 1"	LIN FT	100
CONDUIT, 2"	LIN FT	450
R560-5, STATE LAW - STOP FOR PEDESTRIANS IN CROSSWALK SIGN ON TP 7 POST	EACH	1
MISC MATL TO COMPLETE INSTALLATION	LUMP	LUMP

PAY ITEMS

		UNIT	QUANTITY
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 5	LUMP	LUMP
402-3131	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 2 GRLT, INCL BITUM MATL AND H LIME	TN	4
441-0104	CONCRETE SIDEWALK, 4 IN	SY	100
441-6222	CONCRETE CURB AND GUTTER, 8 IN X 30 IN, TP 2	LIN FT	140
500-3999	CLASS B CONC, BASE OR PVMT WIDENING	CY	8
610-0714	REM CONC MEDIAN	SY	24
615-1200	DIRECTIONAL BORE, 1 IN	LIN FT	370
615-1200	DIRECTIONAL BORE, 6 IN	LIN FT	310
615-1200	DIRECTIONAL BORE, 8 IN	LIN FT	110
636-2070	GALV STEEL POSTS, TP 7	LIN FT	12
639-3004	STEEL STRAIN POLE, TP IV W/ 40' MAST ARM	EACH	2
639-3004	STEEL STRAIN POLE, TP IV W/ 45' MAST ARM	EACH	1
639-3004	STEEL STRAIN POLE, TP IV W/ 45' MAST ARM, INCL 2 LUMIN BRACKETS	EACH	1
647-2140	PULLBOX, PB-4	EACH	1
647-2150	PULLBOX, PB-5	EACH	1
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24" WHITE	LIN FT	120
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8" WHITE	LIN FT	1275
682-6233	CONDUIT, TP 3, 2 IN	LIN FT	1320
935-6562	EXTERNAL TRANSCEIVER,DROP AND REPEAT, 1310 SINGLE MODE,(SIGNAL WORS)	EACH	1

	NAME	DATE		NAME	DATE
DESIGNED BY	MJB	4-23-04	DRAWN BY	MJB	4-23-04
CHECKED BY	VOW	4-23-04	CHECKED BY	VOW	4-23-04

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
09/01/04	CHANGED PAY ITEM NUMBER		
	FROM 639-3014 TO 639-3004		
	FOR POLES WITH 2 LUMINAIRE		
	BRACKETS		
09/01/04	MODIFIED DESCRIPTION FOR		
	PAY ITEM NUMBER 402-3131		

GEORGIA DEPARTMENT OF TRANSPORTATION
CONSTRUCTION/INSTALLATION PLAN

SR 11 BUS./US 129 AT COLLEGE AVE
TRAFFIC SIGNAL INSTALLATION NO. 5

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