STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GA.	STP-209-1(1)	331	513

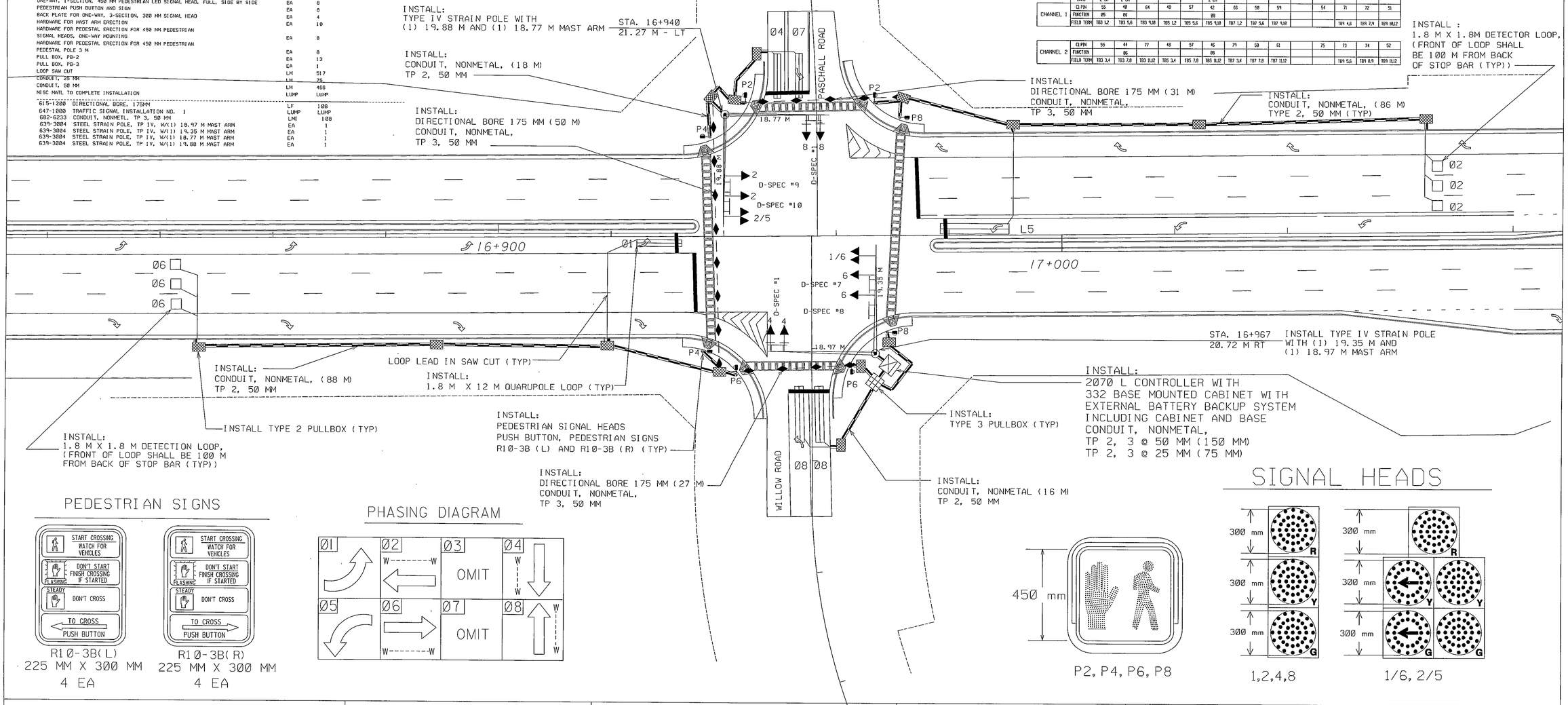
METRIC (FOR INFORMATION PURPOSES ONLY)
LIST OF MATERIALS
TRAFFIC SIGNAL INSTALLATION NO. 5
PROJECT NUMBER: STP-209-1(1) FAYETTE COUNTY
LOCATION: SR 74 @ PASCHALL RD/WILLOW RD

USE ON CONSTRUCTION

LIST OF MATERIALS	UNIT	QUANTITY
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	9
J. 2010 CONFLICT MONITOR, EXTENDED FEATURES	EA	1
K. BATTERY BACKUP SYSTEM		
1. EXTERNAL MOUNTED, (PER GDOT SPECS)	EA	1
HAYES SMARTMODEM (OR EQUIVALENT), 33.6 KB/S	EA	1
TELEPHONE LINE DEDICATION AND MODEM HOOK-UP	EA	1
PC642-200 (OR EQUIVALENT), SURGE PROTECTOR	EA	1
LOOP/PED LEAD-IN WIRE (SHIELDED, TWISTED/300 M		
A. 3 PAIR, 18 AWG	REEL	5
SIGNAL CABLE (14 AWG)		
B. 7 CONDUCTOR, PER 300 M	REEL	2
LOOP DETECTOR WIRE (14 AWG, STRANDED/300 M	REEL	3
ONE-WAY, 3-SECTION, 300 MM EXPANDED VIEW LED SIGNAL HEAD, PLASTIC	EA	8
ONE-WAY, 5-SECTION, 300 MM EXPANDED VIEW LED SIGNAL HEAD (CLUSTER), PLASTIC	EA	2
ONE-WAY, 1-SECTION, 450 MM PEDESTRIAN LED SIGNAL HEAD, FULL, SIDE BY SIDE	EA	8
PEDESTRIAN PUSH BUTTON AND SIGN	EA	8
BACK PLATE FOR ONE-WAY, 3-SECTION, 300 MM SIGNAL HEAD	EA	4
HARDWARE FOR MAST ARM ERECTION	EA	10
HARDWARE FOR PEDESTAL ERECTION FOR 450 MM PEDESTRIAN SIGNAL HEADS, ONE-WAY MOUNTING	EA	8
HARDWARE FOR PEDESTAL ERECTION FOR 450 MM PEDESTRIAN PEDESTAL POLE 3 M	EA	8
PULL BOX, PB-2	EA	13
PULL BOX, PB-3	EA	1
LOOP SAW CUT	LM	517
CONDUIT, 25 MM	LM	75
CONDUIT, 50 MM	LM	466
MISC MATL TO COMPLETE INSTALLATION	LUMP	LUMP
615-1200 DIRECTIONAL BORE, 175MM	LF	108
647-1000 TRAFFIC SIGNAL INSTALLATION NO. 1	LUMP	LUMP
682-6233 CONDUIT, NONMETL, TP 3, 50 MM	LM	108
639-3084 STEEL STRAIN POLE, TP IV, W/(1) 18.97 M MAST ARM	EA	1
639-3084 STEEL STRAIN POLE, TP IV, W/(1) 19.35 M MAST ARM	EA	1
639-3084 STEEL STRAIN POLE, TP IV, W/(1) 18.77 M MAST ARM	EA	1
639-3084 STEEL STRAIN POLE, TP IV, W/(1) 19.88 M MAST ARM	EA	1

STREET NAMES

Paschall Rd ⇦ — D - SPEC #7
Paschall Rd ⇨ — D-SPEC #9
Willow Rd ⇨ — D-SPEC #8
⇦ Willow Rd — D-SPEC #10
Joel Cowan Pkwy — D-SPEC #1



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 CH	2 CH				2 CH						DC ISO	DC ISO	DC ISO
	CI PIN	56	39	63	47	58	41	65	49	68		88	67	69	81
	FUNCTION	81	82				84						82 PED	84 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	CI PIN	56	43	76	47	58	45	78	49	62		53	69	70	82
	FUNCTION		82				84						84 PED	88 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 CH	2 CH				2 CH								
	CI PIN	55	40	64	48	57	42	66	50	59		54	71	72	51
	FUNCTION	85	86				88								
	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	CI PIN	55	44	77	48	57	46	79	50	61		75	73	74	52
	FUNCTION		86				88								
	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

R10-3B(L) 225 MM X 300 MM 4 EA
R10-3B(R) 225 MM X 300 MM 4 EA

PHASING DIAGRAM

P2, P4, P6, P8

SIGNAL HEADS

1,2,4,8 1/6, 2/5

SCALE: 1:500
0 10 20 40

GEORGIA
DEPARTMENT OF TRANSPORTATION

DATE	REVISIONS
11/16/06	
12/04/06	

TRAFFIC SIGNAL INSTALLATION 5
SR 74/JOEL COWAN PKWY
AT
PASCHALL RD/WILLOW RD

DESIGNED BY | DATE | DRAWN BY | DATE
CHECKED BY | CHECKED BY

12/13/2006 2:46:38 PM