USE ON CONSTRUCTION

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GA.	STP-209-1(1)	329	513

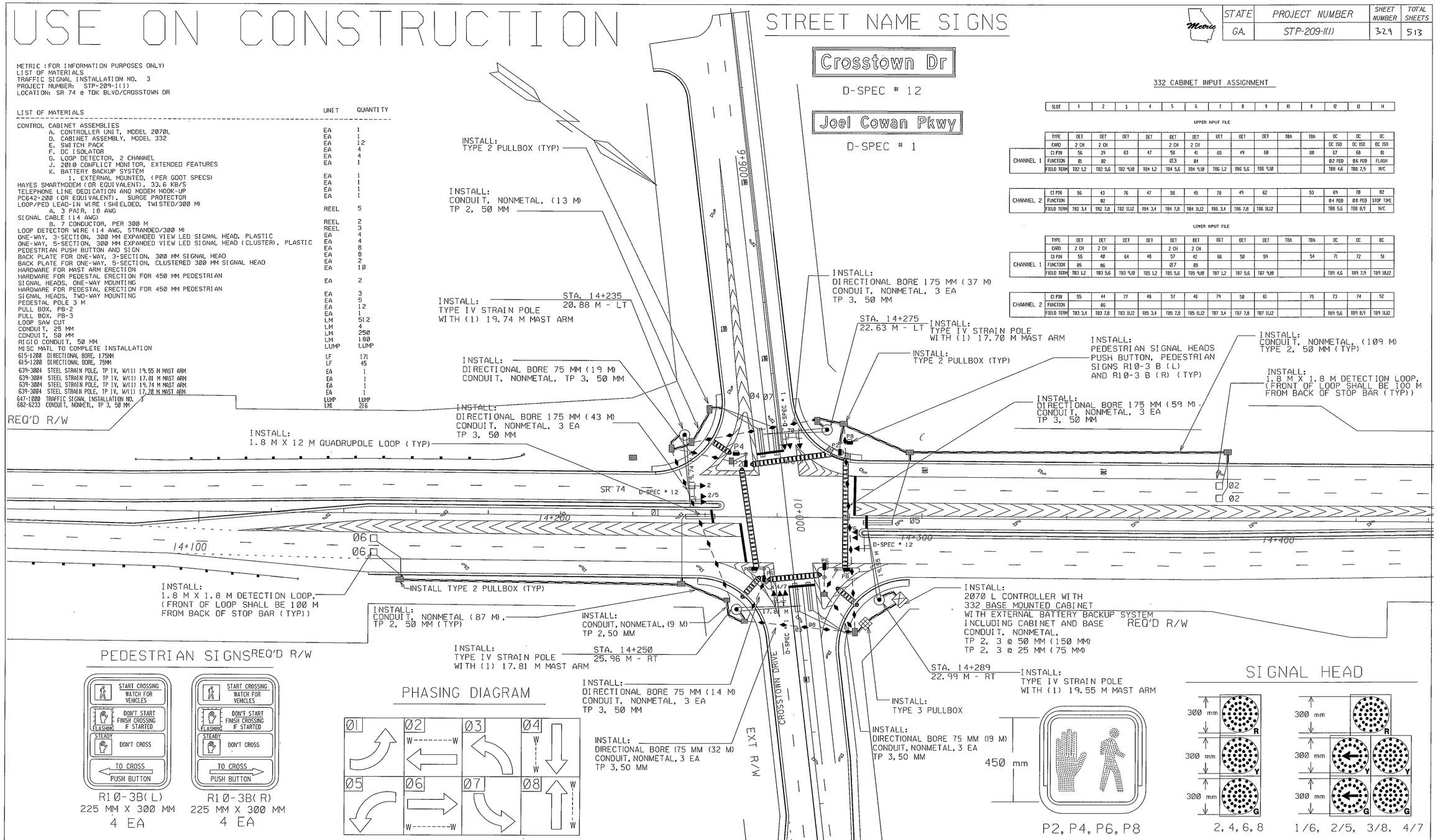
METRIC (FOR INFORMATION PURPOSES ONLY)
LIST OF MATERIALS
TRAFFIC SIGNAL INSTALLATION NO. 3
PROJECT NUMBER: STP-209-1(1)
LOCATION: SR 74 @ TOK BLVD/CROSSTOWN DR

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	12
F. DC ISOLATOR	EA	4
G. LOOP DETECTOR, 2 CHANNEL	EA	4
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	4
ONE-WAY, 5-SECTION, 300 MM EXPANDED VIEW LED SIGNAL HEAD (CLUSTER), PLASTIC	EA	4
PEDESTRIAN PUSH BUTTON AND SIGN	EA	8
BACK PLATE FOR ONE-WAY, 3-SECTION, 300 MM SIGNAL HEAD	EA	8
BACK PLATE FOR ONE-WAY, 5-SECTION, CLUSTERED 300 MM SIGNAL HEAD	EA	2
HARDWARE FOR MAST ARM ERECTION	EA	10
HARDWARE FOR PEDESTAL ERECTION FOR 450 MM PEDESTRIAN SIGNAL HEADS, ONE-WAY MOUNTING	EA	2
HARDWARE FOR PEDESTAL ERECTION FOR 450 MM PEDESTRIAN SIGNAL HEADS, TWO-WAY MOUNTING	EA	3
PEDESTAL POLE 3 M	EA	5
PULL BOX, PB-2	EA	12
PULL BOX, PB-3	EA	1
LOOP SAW CUT	LM	512
CONDUIT, 25 MM	LM	4
CONDUIT, 50 MM	LM	250
RIGID CONDUIT, 50 MM	LM	180
MISC MATL TO COMPLETE INSTALLATION	LUMP	LUMP
615-1200 DIRECTIONAL BORE, 175MM	LF	171
615-1200 DIRECTIONAL BORE, 75MM	LF	45
639-3004 STEEL STRAIN POLE, TP IV, W/(1) 19.55 M MAST ARM	EA	1
639-3004 STEEL STRAIN POLE, TP IV, W/(1) 17.81 M MAST ARM	EA	1
639-3004 STEEL STRAIN POLE, TP IV, W/(1) 19.74 M MAST ARM	EA	1
639-3004 STEEL STRAIN POLE, TP IV, W/(1) 17.70 M MAST ARM	EA	1
647-1000 TRAFFIC SIGNAL INSTALLATION NO. 3	LUMP	LUMP
682-6233 CONDUIT, NONMETAL, TP 3, 50 MM	LM	216

STREET NAME SIGNS

Crosstown Dr
D-SPEC # 12

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														
	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
	CARD	2 CH	2 CH			2 CH	2 CH						DC ISO	DC ISO	DC ISO
CHANNEL 1	CI PIN	56	34	63	47	58	41	65	49	60		80	67	68	81
	FUNCTION	01	02			03	04						02 PED	06 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		02										04 PED	08 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	TBA	TBA	DC	DC	DC
	CARD	2 CH	2 CH			2 CH	2 CH								
CHANNEL 1	CI PIN	55	40	64	48	57	42	66	50	59		54	71	72	51
	FUNCTION	05	06			07	08								
	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		06												
	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

REQ'D R/W

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 HEAD

2, 4, 6, 8 1/6, 2/5, 3/8, 4/7

SCALE: 1:500
0 10 20 40

GEORGIA
DEPARTMENT OF TRANSPORTATION

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

TRAFFIC SIGNAL INSTALLATION 3
SR 74/JOEL COWAN PKWY
AT
CROSSTOWN DRIVE