TRAFFIC INSTALLATION NO. 1: BROAD ST @ 12TH ST

MATERIALS	UNITS	QUANTITY
CONTROLLER CABINET ASSEMBLIES		
A. CONTROLLER UNIT, MODEL 2070L	EA	1
B. CABINET ASSEMBLY, MODEL 332	EA	1
C. SWITCH PACK	EA	8
D. DC ISOLATOR	EA	3
E. 2010 CONFLICT MONITOR, EXTENDED FEATURES	EA	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
ONE-WAY, 3-SECTION, 12" PIXELATED VIEW LED SIGNAL HEAD, PLASTIC, WITH BACKPLATE	EA	10
ONE-WAY, 1-SECTION, 18" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, FULL HAND/MAN OVERLAP, 9" HIGH, NUMBERS	EA	12
PEDESTRIAN PUSH STATION ASSEMBLY		
A. 9"X15", W/DOUBLE PUSH BUTTON STATION ADAPTER FOR 4" DIA PEDESTRIAN POLE, ADJUSTABLE	EA	10
PEDESTRIAN SIGN:		
A. 9"x15", R10-3E, (L)EFT OR (R)IGHT, STANDARD	EA	8
PEDESTRIAN SIGN:		
A. 9"x15", R10-3E, (L)EFT AND (R)IGHT, STANDARD	EA	2
HARDWARE FOR RIGID MAST ARM MOUNTING	EA	10
HARDWARE FOR PEDESTAL POLE, TOP POST MOUNTING, TWO-WAY BRACKET ASSEMBLY	EA	3
HARDWARE FOR SIDE-OF-POLE MOUNTING, TWO-WAY BRACKET ASSEMBLY	EA	3
PEDESTAL POLE	EA	3
PULL BOX, PB-3	EA	6
CONDUIT, 1"	LF	50
CONDUIT, 2"	LF	100
R10-12, LEFT TURN YIELD ON GREEN SIGN	EA	2
PED PUSH BUTTON POST/PEDESTAL INCL FOOTING	EA	4*
MISC MATL TO COMPLETE INSTALLATION	LUMP	LUMP
*TO BE USED AS DIRECTED BY ENGINEER		

PAY ITEMS			
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 1	LUMP	LUMP
615-1200	DIRECTIONAL BORE - 5 IN	LF	315
636-1041	HIGHWAY SIGNS, TP 2 MATL-REFL SHEETING, TP 9	SF	25.5
682-6233	CONDUIT, NONMETAL, TP 3, 2 In	LF	830
639-3004	STEEL STRAIN POLE, TP IV, WITH 45' MAST ARM (SEE DETAILS)	EA	1
639-3004	STEEL STRAIN POLE, TP IV, WITH 50' MAST ARM (SEE DETAILS)	EA	1
639-3004	STEEL STRAIN POLE, TP IV, WITH 65' MAST ARM (SEE DETAILS)	EA	1
935-1101	INTERSECTION VIDEO DETECTION SYSTEM ASSEMBLY, TYPE B	EA	2

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					IVDS							DC ISO	DC ISO	DC ISO
	C1 PIN	56	39	63	47	58	41	65	49	60		80	67	68	81
	FUNCTION						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	C1 PIN	56	43	76	47	58	45	78	49	62		53	69	70	82
	FUNCTION												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

CHANNEL 1	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
	CARD					IVDS									
	C1 PIN	55	40	64	48	57	42	66	50	59		54	71	72	51
	FUNCTION						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	C1 PIN	55	44	77	48	57	46	79	50	61		75	73	74	52
	FUNCTION														
	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

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REVISION DATES		
02/15/10		
03/05/10		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

BROAD STREET SIGNAL AND LIGHTING UPGRADES

BROAD ST AND 12TH ST

DRAWING No. 27-02