LIST OF MATERIALS FOR ITEM 647-1000	UNIT	QUANTITY
CONTROLLER CABINET ASSEMBLIES		
A. CONTROLLER UNIT, MODEL 2070L	EA	2500
D. CABINET ASSEMBLY, MODEL 332A	EA	5250
E. SWITCH PACK	EA	50
F. DC ISOLATOR	EA	38
G. LOOP DETECTOR, 2 CHANNEL	EA	439
I. AC ISOLATOR	EA	132
J. 2010 CONFLICT MONITOR, EXTENDED FEATURES	EA	384
332A PREFABRICATED CONTROLLER CABINET BASE	EA	1000
PC642-200 (OR EQUIVALENT), SURGE PROTECTOR	EA	50
LOOP/PED LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT)		
A. 3 PAIR, 18 AWG	REEL	300
SIGNAL CABLE (14 AWG)		
B. 7 CONDUCTOR, PER 1000 FT.	REEL	402
LOOP DETECTOR WIRE (14 AWG, STRANDED/1000 FT)	REEL	200
ONE-WAY, 3-SECTION, 12" SIGNAL HEAD w/(5mm) PIXELATED VIEW LED's, PLASTIC	EA	474
ONE-WAY, 1-SECTION, 18" LED COUNTDOWN PED SIGNAL HEAD, FULL HAND/MAN OVERLAP		
I. 9" HIGH, Numbers	EA	1200
PEDESTRIAN PUSH STATION ASSEMBLY		
B. 9" x 15", w/Double Push Button Station Adapter, Adjustable	EA	300
PEDESTRIAN PUSHBUTTONS STATIONS, w/BUTTONS and SIGNS:		
B. 9" x 15", R10-3e, (L)eft or (R)ight, Countdown	EA	150
HARDWARE FOR MAST ARM MOUNTING	EA	150
HARDWARE FOR PEDESTAL POLE, TOP POST MOUNTING, ONE-WAY BRACKET ASSEMBLY	EA	100
HARDWARE FOR SIDE-OF-POLE MOUNTING, ONE-WAY BRACKET ASSEMBLY	EA	135
PEDESTAL POLE & SQUARE BASE	EA	270
PULL BOX, PB-2	EA	200
LOOP SAW CUT	LF	2
CONDUIT, 1"	LF	2
CONDUIT, 2"	LF	3
CONDUIT, 3"	LF	3
R9-3A W/ POST	EA	150
R9-3BL	EA	75
R9-3BR	EA	75
MISCELLANEOUS MATERIALS NEEDED TO COMPLETE INSTALLATION	LUMP	2067

PAY ITEMS			
615-1200	DIRECTIONAL BORE, 3 IN	LF	60
615-1200	DIRECTIONAL BORE, 6 IN	LF	210
639-3004	STEEL STRAIN POLE, TP IV, INCL 40 FT MAST ARM	EA	1
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 2	LUMP	LUMP
647-2140	PULL BOX , PB-4	EA	1
682-6120	CONDUIT, RIGID, 2 IN	LF	340

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 CHAN												DC ISO
	C1 PIN	56	39	63	47	58	41	65	49	60		80	67	68	81
	FUNCTION		L2A										Ø2 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		L2B												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 CHAN													
	C1 PIN	55	40	64	48	57	42	66	50	59		54	71	72	51
	FUNCTION	V1													
	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

COSTING PLANS

HNTB
3715 NORTHSIDE PARKWAY, NW
400 NORTHCREEK, SUITE 600
ATLANTA, GEORGIA 30327

COSTING PLANS FOR DESIGN-BUILD

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: URBAN DESIGN

SIGNAL PLANS

SR 400 NB ON-RAMP AT SIDNEY MARCUS BLVD

PROJECT: SR400/I-85 CONNECTOR RAMPS
COUNTY: FULTON & DEKALB

DRAWING No. 27-05