

LIST OF MATERIALS FOR  
INTERSECTION: FOREST PKWY@ AIR LOGISTICS II  
(SEE SHEET)

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

MATERIAL	UNITS	QUANTITY
TYPE 2070 CONTROLLER ASSEMBLY		
A. CONTROLLER UNIT, MODEL 2070	EA	1
B. CABINET ASSEMBLY, MODEL 332	EA	1
C. LOAD SWITCH PACK	EA	7
D. DC ISOLATOR	EA	3
E. CONFLICT MONITOR, ENHANCED	EA	1
SIGNAL CABLE (14 AWG)		
A. 7-CONDUCTOR, PER 1000 FT.	REEL	2
ONE-WAY, 3-SECTION, 12 IN SIGNAL HEAD, PLASTIC LED	EA	8
18" PEDESTRIAN LED SIGNAL HEAD, POLYCARBONATE	EA	6
PEDESTRIAN PUSH BUTTON STATION	EA	6
BACK PLATE FOR ONE-WAY, 3-SECTION, 12" SIGNAL HEAD	EA	8
HARDWARE FOR RIGID MAST ARM ERECTION (ASTRO BRACKET OR APPROVED EQUIV.)	EA	8
HARDWARE FOR PEDESTAL ERECTION OF 18" PEDESTRIAN SIGNAL HEADS, TWO-WAY MOUNTING	EA	2
HARDWARE FOR PEDESTAL ERECTION OF 18" PEDESTRIAN SIGNAL HEADS, ONE-WAY MOUNTING	EA	2
PEDESTAL POLE 8'	EA	4
R560-5 SIGN WITH POST	EA	2
RI-2 SIGN WITH POST	EA	2
PULL BOX, TP 1, POLYMER CONCRETE	EA	4
PULL BOX, TP 2, POLYMER CONCRETE	EA	1
PULL BOX, TP 3, POLYMER CONCRETE	EA	2
STRANDWIRE CABLE, 1/4IN	LF	585
CONDUIT, 1 IN, PVC	LF	50
CONDUIT, 2 IN, PVC	LF	105
MISC MATL TO COMPLETE INSTALLATION	LUMP	LUMP
647-1000 TRAFFIC SIGNAL INSTALLATION	LUMP	LUMP
441-7011 CURB CUT WHEELCHAIR RAMP, TYPE A	EA	2
639-1029 HIGHWAY SIGNS TP2 MATL, REFL SHEETING, TP3	SQ FT	20
639-3004 STEEL STRAIN POLE, TP IV WITH 55 FT MAST ARM	EA	1
639-3004 STEEL STRAIN POLE, TP IV WITH 65 FT MAST ARM	EA	1
639-3004 STEEL STRAIN POLE, TP IV WITH 50/65 FT TANDEM MAST ARM	EA	1
647-2140 PULLBOX, PB-4	EA	1
652-5701 SOLID TRAFFIC STRIPE, 24 IN, WHITE	LF	75
653-0120 THERMOPLASTIC PAVEMENT MARKING, ARROW, TP 2	EA	2
653-1804 THERMOPLASTIC SOLID TRAFFIC STRIPE, 8 IN, WHITE	LF	950
653-6006 THERMOPLASTIC STRIPING, YELLOW	SY	4
656-4001 REMOVE EXISTING TRAFFIC MARKINGS, THERMOPLASTIC	SY	13
682-6110 CONDUIT, RIGID, 1 IN	LF	35
682-6120 CONDUIT, RIGID, 2 IN	LF	830
935-1511 OUTSIDE PLANT FIBER OPTIC CABLE, DROP, SM, 6 FIBER	LF	460
935-3203 FIBER OPTIC CLOSURE, AERIAL (SEALED), 24 FIBER	EA	1
938-1100 INTERSECTION VIDEO DETECTION ASSEMBLY, TYPE A	EA	4

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		1 CHAN.				1 CHAN.						DC 150	DC 150	DC 150
	CI PIN	56	39	63	47	58	41	65	49	60		80	67	68	81
	FUNCTION		VID 2				VID 4						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	CI PIN	56	43	76	47	58	45	78	49	62		53	69	70	82
	FUNCTION												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
LOWER INPUT FILE															
CHANNEL 1	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
	CARD		1 CHAN.				1 CHAN.								
	CI PIN	55	40	64	48	57	42	66	50	59		54	71	72	51
	FUNCTION		VID 6				VID 8								
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
	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

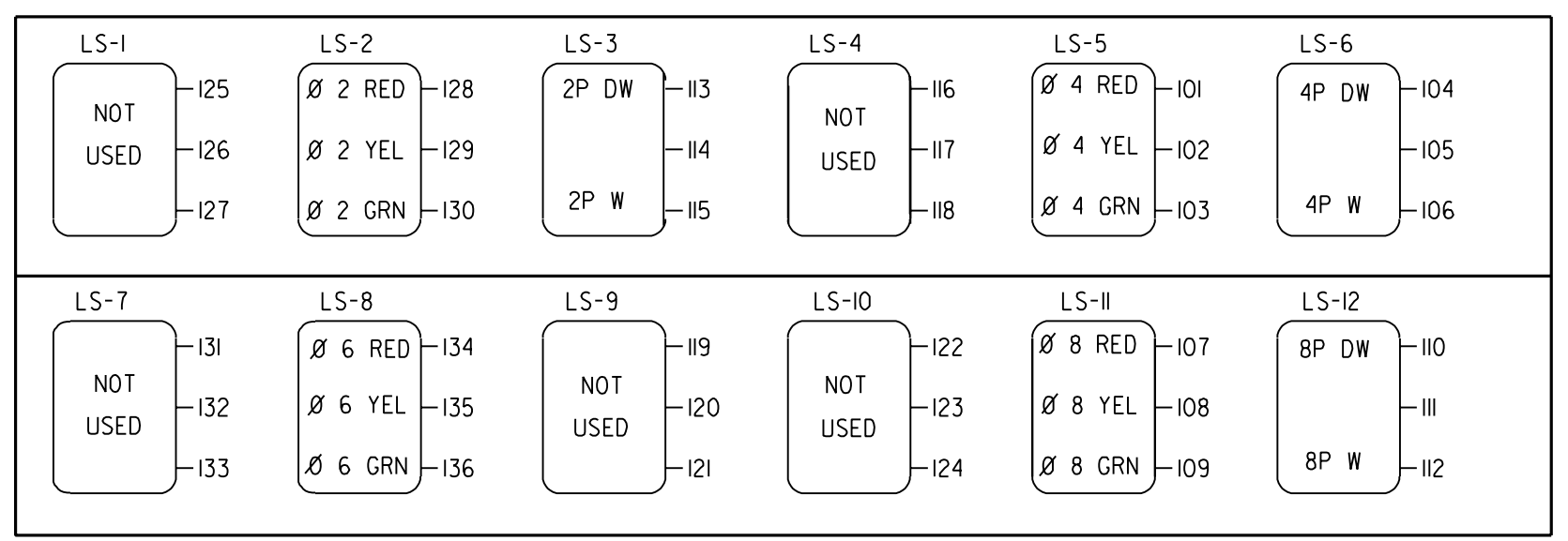
SIGNAL SEQUENCE CHART

PHASE	INTERVAL	RING 1								RING 2								INTERVAL	PHASE	
		1	2	2P	3	4	4P	5	6	6P	7	8	8P	9	10	10P	11			12
1	NOT USED																		NOT USED	5
1	NOT USED																		NOT USED	5
1	NOT USED																		NOT USED	5
2	GREEN	G	W		R	D/W		G	W		R	D/W		G	W		R	D/W	GREEN-WALK	6
2	GREEN	G	FL-DW		R	D/W		G	FL-DW		R	D/W		G	FL-DW		R	D/W	GREEN-DON'T WALK	6
2	YELLOW	Y	D/W		R	D/W		Y	D/W		R	D/W		Y	D/W		R	D/W	YELLOW	6
2	RED	R	D/W		R	D/W		R	D/W		R	D/W		R	D/W		R	D/W	RED	6
3	NOT USED																		NOT USED	7
3	NOT USED																		NOT USED	7
3	NOT USED																		NOT USED	7
4	GREEN-WALK	R	D/W		G	W		R			G	W		R			G	W	GREEN-WALK	8
4	GREEN-DON'T WALK	R	D/W		G	FL-DW		R			G	FL-DW		R			G	FL-DW	GREEN-DON'T WALK	8
4	YELLOW	R	D/W		Y	D/W		R			Y	D/W		R			Y	D/W	YELLOW	8
4	RED	R	D/W		R	D/W		R			R	D/W		R			R	D/W	RED	8
FLASH			Y			R				Y				R					FLASH	

CONFLICT MONITOR

CONFLICT MONITORING PROGRAMMING (DIODES REMOVED)	
2-6	6-15
2-15	8-14
4-8	8-16
4-14	14-16
4-16	

OUTPUT FILE



NOTE: BLANK OUTPUT FILE SLOT = NOT USED  
NOTE: 2.2 uF 250V.10% CAPACITORS INSTALLED ON LS-4Y, LS-9Y & LS-12Y  
NOTE: INSTALL RED JUMPERS IN UNUSED OUTPUT FILE SLOT



GRESHAM  
SMITH AND  
PARTNERS

DATE	REVISIONS	DATE	REVISIONS

GEORGIA  
DEPARTMENT OF TRANSPORTATION  
MATERIALS LIST/FIELD WIRING  
PROJECT - AIR LOGISTICS II  
COUNTY - CLAYTON  
DATE SHEET 2 OF 3