STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CM-575-1(34)	23	113

TRAFFIC SIGNAL INSTALLATION #1

DESCRIPTION	UNIT	QUANTITIES
CABINET CONTROLLER ASSEMBLIES		
A. CONTROLLER UNIT, MODEL 2070L	EACH	1
C. LOAD SWITCH PACK	EACH	2
E. LOOP DETECTOR, 2-CHANNEL	EACH	3
L. MODEL 208 MONITOR UNIT	EACH	1
M. CABINET ASSEMBLY, MODEL 334 W/ AUXILIARY OUTPUT FILE	EACH	1
LOOP/PEDESTRIAN DETECTOR LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT)		
A. 3 PAIR, 18 AWG	REEL	2
SIGNAL CABLE (14 AWG)		
A. 7 CONDUCTOR, PER 1000 FT	REEL	2
LOOP DETECTOR WIRE (14 AWG, STRANDED/1000 FT)	REEL	2
ONE-WAY, 3-SECTION, 12 IN LED SIGNAL HEAD, NON SWAY-TYPE	EACH	4
HARDWARE FOR RIGID MAST ARM ERECTION	EACH	4
PEDESTAL POLE, 8'	EACH	2
PULLBOX, TYPE 2, POLYMER CONCRETE	EACH	8
LOOP SAW CUT	LIN FT	680
CONDUIT, 1 IN PVC	LIN FT	10
CONDUIT, 2 IN PVC	LIN FT	20
ADVANCE WARNING FLASHER SIGN, RM-3	EACH	2
RM-1L SIGN	EACH	1
RM-1R SIGN	EACH	1
RM-2 SIGN	EACH	1
W4-2R SIGN WITH TYPE 7 POST	EACH	1
R10-6R SIGN WITH TYPE 7 POST	EACH	1
R10-6L SIGN WITH TYPE 7 POST	EACH	1
RAMP METER ENFORCEMENT LED HEAD	EACH	2
MISC. MATERIALS TO COMPLETE INSTALLATION	LUMP	LUMP

TRAFFIC SIGNAL INSTALLATION #2

DESCRIPTION	UNIT	QUANTITIES
CABINET CONTROLLER ASSEMBLIES		
A. CONTROLLER UNIT, MODEL 2070L	EACH	1
C. LOAD SWITCH PACK	EACH	2
E. LOOP DETECTOR, 2-CHANNEL	EACH	3
L. MODEL 208 MONITOR UNIT	EACH	1
M. CABINET ASSEMBLY, MODEL 334 W/ AUXILIARY OUTPUT FILE	EACH	1
LOOP/PEDESTRIAN DETECTOR LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT)		
A. 3 PAIR, 18 AWG	REEL	1
SIGNAL CABLE (14 AWG)		
A. 7 CONDUCTOR, PER 1000 FT	REEL	1
LOOP DETECTOR WIRE (14 AWG, STRANDED/1000 FT)	REEL	2
ONE-WAY, 3-SECTION, 12 IN LED SIGNAL HEAD, NON SWAY-TYPE	EACH	4
HARDWARE FOR RIGID MAST ARM ERECTION	EACH	4
PEDESTAL POLE, 8'	EACH	2
PULLBOX, TYPE 2, POLYMER CONCRETE	EACH	4
LOOP SAW CUT	LIN FT	650
CONDUIT, 1 IN PVC	LIN FT	10
CONDUIT, 2 IN PVC	LIN FT	20
ADVANCE WARNING FLASHER SIGN, RM-3	EACH	2
RM-1L SIGN	EACH	1
RM-1R SIGN	EACH	1
RM-2 SIGN	EACH	1
W4-2R SIGN WITH TYPE 7 POST	EACH	1
R10-6R SIGN WITH TYPE 7 POST	EACH	1
R10-6L SIGN WITH TYPE 7 POST	EACH	1
RAMP METER ENFORCEMENT LED HEAD	EACH	2
MISC. MATERIALS TO COMPLETE INSTALLATION	LUMP	LUMP

TRAFFIC SIGNAL INSTALLATION #3

DESCRIPTION	UNIT	QUANTITIES
CABINET CONTROLLER ASSEMBLIES		
A. CONTROLLER UNIT, MODEL 2070L	EACH	1
C. LOAD SWITCH PACK	EACH	1
E. LOOP DETECTOR, 2-CHANNEL	EACH	2
L. MODEL 208 MONITOR UNIT	EACH	1
M. CABINET ASSEMBLY, MODEL 334 W/ AUXILIARY OUTPUT FILE	EACH	1
LOOP/PEDESTRIAN DETECTOR LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT)		
A. 3 PAIR, 18 AWG	REEL	1
SIGNAL CABLE (14 AWG)		
A. 7 CONDUCTOR, PER 1000 FT	REEL	1
LOOP DETECTOR WIRE (14 AWG, STRANDED/1000 FT)	REEL	1
ONE-WAY, 3-SECTION, 12 IN LED SIGNAL HEAD, NON SWAY-TYPE	EACH	1
ONE-WAY, 3-SECTION, 8 IN LED SIGNAL HEAD, NON SWAY-TYPE	EACH	1
HARDWARE FOR PEDESTAL ERECTION FOR 12 IN		
SIGNAL HEADS, ONE-WAY MOUNTING	EACH	2
PEDESTAL POLE, 8'	EACH	2
PULLBOX, TYPE 2, POLYMER CONCRETE	EACH	4
LOOP SAW CUT	LIN FT	340
CONDUIT, 1 IN PVC	LIN FT	10
CONDUIT, 2 IN PVC	LIN FT	20
ADVANCE WARNING FLASHER SIGN, RM-3	EACH	1
RM-2 SIGN	EACH	1
R10-6R SIGN WITH TYPE 7 POST	EACH	1
RAMP METER ENFORCEMENT LED HEAD	EACH	1
MISC. MATERIALS TO COMPLETE INSTALLATION	LUMP	LUMP

TRAFFIC SIGNAL INSTALLATION #1

334 INPUT FILE ASSIGNMENT DETAIL

SLOT		1	2	3	4	5	6	7	8	9	10	11	12	13	14
TYPE		DET	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	TBA	TBA
DETECTOR CARD		2 CH	2 CH	2 CH		IVDS		EXP MOD							
CHANNEL 1	CI PIN	46	50	49	55	51	57	59	61	81	79	53	41	43	45
	FUNCTION	L1 D1	L2 D2	L1 Q1		L1 MLA	L2 MLA								
	FIELD TERM	TB-2 1,2	TB-2 5,6	TB-2 9,10	TB-3 1,2	TB-3 5,6	TB-3 9,10	TB-4 1,2	TB-4 5,6	TB-4 9,10	TB-5 1,2	TB-5 5,6	TB-5 9,10	TB-6 1,2	TB-6 5,6
CHANNEL 2	CI PIN	39	47	48	56	52	58	60	62	80	82	54	40	42	44
	FUNCTION	L1 P1	L2 P2	L2 Q2		L1 MLB	L2 MLB								
	FIELD TERM	TB-2 3,4	TB-2 37,8	TB-2 11,12	TB-3 3,4	TB-3 7,8	TB-3 11,12	TB-4 3,4	TB-4 7,8	TB-4 11,12	TB-5 3,4	TB-5 7,8	TB-5 11,12	TB-6 3,4	TB-6 7,8

TRAFFIC SIGNAL INSTALLATION #2

334 INPUT FILE ASSIGNMENT DETAIL

SLOT		1	2	3	4	5	6	7	8	9	10	11	12	13	14
TYPE		DET	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	TBA	TBA
DETECTOR CARD		2 CH	2 CH	2 CH		IVDS		EXP MOD							
CHANNEL 1	CI PIN	46	50	49	55	51	57	59	61	81	79	53	41	43	45
	FUNCTION	L1 D1	L2 D2	L1 Q1		L1 MLA	L2 MLA								
	FIELD TERM	TB-2 1,2	TB-2 5,6	TB-2 9,10	TB-3 1,2	TB-3 5,6	TB-3 9,10	TB-4 1,2	TB-4 5,6	TB-4 9,10	TB-5 1,2	TB-5 5,6	TB-5 9,10	TB-6 1,2	TB-6 5,6
CHANNEL 2	CI PIN	39	47	48	56	52	58	60	62	80	82	54	40	42	44
	FUNCTION	L1 P1	L2 P2	L2 Q2		L1 MLB	L2 MLB								
	FIELD TERM	TB-2 3,4	TB-2 37,8	TB-2 11,12	TB-3 3,4	TB-3 7,8	TB-3 11,12	TB-4 3,4	TB-4 7,8	TB-4 11,12	TB-5 3,4	TB-5 7,8	TB-5 11,12	TB-6 3,4	TB-6 7,8

TRAFFIC SIGNAL INSTALLATION #3

334 INPUT FILE ASSIGNMENT DETAIL

SLOT		1	2	3	4	5	6	7	8	9	10	11	12	13	14
TYPE		DET	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	TBA	TBA
DETECTOR CARD		2 CH		2 CH		IVDS		EXP MOD							
CHANNEL 1	CI PIN	46	50	49	55	51	57	59	61	81	79	53	41	43	45
	FUNCTION	L1 D1		L1 Q1		L1 MLA	L2 MLA								
	FIELD TERM	TB-2 1,2	TB-2 5,6	TB-2 9,10	TB-3 1,2	TB-3 5,6	TB-3 9,10	TB-4 1,2	TB-4 5,6	TB-4 9,10	TB-5 1,2	TB-5 5,6	TB-5 9,10	TB-6 1,2	TB-6 5,6
CHANNEL 2	CI PIN	39	47	48	56	52	58	60	62	80	82	54	40	42	44
	FUNCTION	L1 P1				L1 MLB	L2 MLB								
	FIELD TERM	TB-2 3,4	TB-2 37,8	TB-2 11,12	TB-3 3,4	TB-3 7,8	TB-3 11,12	TB-4 3,4	TB-4 7,8	TB-4 11,12	TB-5 3,4	TB-5 7,8	TB-5 11,12	TB-6 3,4	TB-6 7,8

GRESHAM SMITH AND PARTNERS

OFFICE OF TRAFFIC SAFETY & DESIGN

DATE	REVISIONS
5/26/06	REVISED INSTALL. #3 MATERIALS
	LIST AND INPUT FILE FOR SINGLE
	LANE RAMP METER

I-575 ATMS

TRAFFIC SIGNAL INSTALLATIONS #1-3 MATERIALS LISTS/INPUT FILES

PROJECT - CM-575-1(34)
COUNTY - COBB/CHEROKEE
DATE - 05/02/06 SHEET 27-10

0:\239180 3\t\714090MATL01.dgn
5/26/2006