

CHATHAM COUNTY PURCHASING DEPARTMENT

ADDENDUM NO. 1 TO BID NO. 14-0013-4

FOR: MONTGOMERY CROSS ROAD AT SALLIE MOOD DRIVE SIGNAL AND
PEDESTRIAN IMPROVEMENTS

PLEASE SEE THE FOLLOWING FOR ADDITIONS, CLARIFICATIONS AND/OR
CHANGES:

1. SEE ATTACHED PLAN SHEET REVISIONS (7 SHEETS)

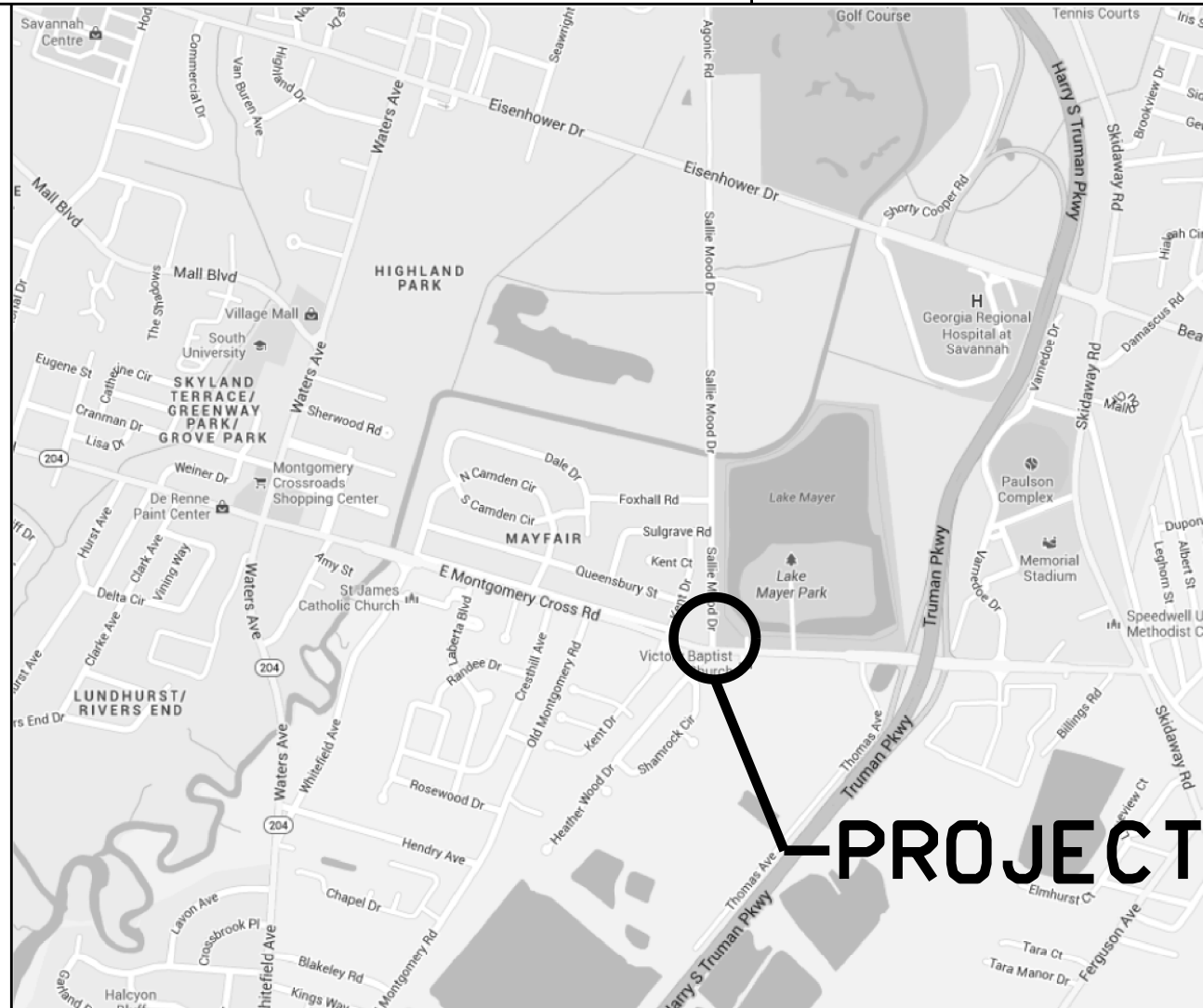
2. NOTE: The traffic signal heads, cabinet, controller and all other equipment in the cabinet shall be dropped off at the Department of Public Works and Park Services at 7226 Varnedoe Drive. Contractor shall ensure equipments is not damaged when removed and relocated to the Public Works yard.

**THE BID OPENING REMAINS:
2PM, TUESDAY, MARCH 18, 2014.**

**THE PROPOSER IS RESPONSIBLE FOR MAKING THE NECESSARY CHANGES
AND MUST ACKNOWLEDGE RECEIPT OF ADDENDUM.**

3-6-14
DATE

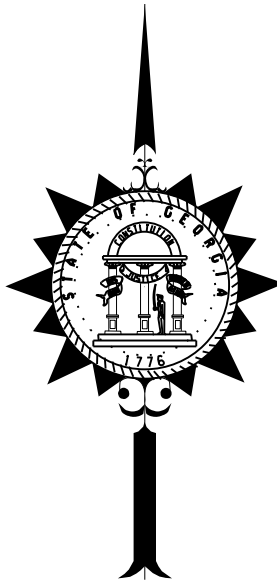
ROBERT E. MARSHALL
SENIOR PROCUREMENT SPECIALIST
CHATHAM COUNTY



LOCATION SKETCH

CHATHAM COUNTY, GEORGIA

MONTGOMERY CROSS ROAD AT SALLIE MOOD DRIVE SIGNAL AND PEDESTRIAN IMPROVEMENTS



LIMIT OF CONSTRUCTION
SALLIE MOOD DRIVE
STA 32+25.00

SULGRAVE ROAD

EXIST. R/W

N/F
LONG,
JENNIFER S

N/F
YARBROUGH,
GIP C & JANIS

N/F
HAYMANS,
MARGARET C

N/F
EXLEY,
MARTHA M

N/F
GARNER MICHAEL
D & LAURA K

N/F
LIU & GERARDI
LIZHOU & JOSEPH

N/F
LOYD, HUGH
A & JEAN P

N/F
DRUCHALA, NANCY

N/F
ROUSH, MICHAEL W SR

N/F
EUGENIA CEMETERY
HISTORICAL SOCIETY

N/F
FOX, EUGENE A
& BEVERLY A

N/F
SMITH, WILLIAM
F JR & PAULA W

N/F
MT OLIVE
CHRISTIAN CHURCH

N/F
VICTORY
BAPTIST CHURCH
OF SAVANNAH

30+00

VERTICAL DATUM	: NAVD88
COORDINATE ZONE	: GAS. COORDINATES SYS. 85 (NAD83)
PROJECT UNITS	: ENGLISH
DESIGN SPEED	: 45 MPH

LENGTH OF PROJECT	CHATHAM COUNTY COUNTY NUMBER 051
	TOTAL MILES
NET LENGTH OF ROADWAY	0.384
NET LENGTH OF BRIDGES	0.000
NET LENGTH OF PROJECT	0.384
NET LENGTH OF EXCEPTIONS	0.000
GROSS LENGTH OF PROJECT	0.384

PLANS PREPARED BY:
McGee Partners, Inc.

UNDER THE SUPERVISION OF:
CANDICE NICOLE THOMAS, P.E.



BEGIN PROJECT
MONTGOMERY CROSS ROAD
STA 151+50.00 =
N 725671.4310
E 989401.1940

CENTERLINE INTERSECTION
MONTGOMERY CROSS ROAD STA 155+66.63 =
SALLIE MOOD DRIVE STA 20+00.00

END PROJECT
MONTGOMERY CROSS ROAD
STA 159+70.00 =
N 725557.3569
E 990206.7783

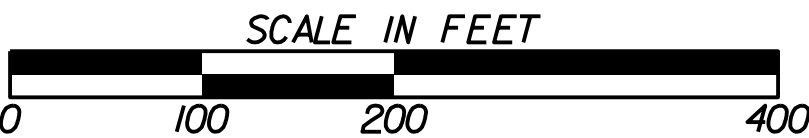
PROJECT DESIGNATION
EXEMPT

FUNCTIONAL CLASSIFICATION
LOCAL ROAD

NOTE:
THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS,
OR IN ANY WAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN
ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED
TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME ARE SHOWN AS
INFORMATION ONLY, ARE NOT GUARANTEED, AND DO NOT BIND CHATHAM COUNTY
IN ANY WAY. THE ATTENTION OF THE BIDDER IS SPECIFICALLY DIRECTED TO
SUBSECTION 102.04, 102.05 AND 104.3 OF THE GEORGIA DEPARTMENT OF
TRANSPORTATION'S SPECIFICATIONS.

3003035
CHATHAM COUNTY

McGee Partners, Inc.
www.mcgeepartners.com



THIS PROJECT IS 100% IN CONGRESSIONAL DISTRICT NO. 1
THIS PROJECT IS 100% IN CHATHAM COUNTY, GMD 6
THIS PROJECT IS 100% IN CHATHAM COUNTY COMMISSION DISTRICT NO. 4

DATE	REVISIONS
2/20/14	1,2,5,8A,16,17,18

DATE	REVISIONS
2/20/14	1,2,5,8A,16,17,18

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2/20/2014
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GPLOT-V8
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STATE
GA

PROJECT NUMBER
3003035

SHEET NO.
5

TOTAL SHEETS
48

SUMMARY OF SIGNING QUANTITIES

LOCATION	INSTL. NO.	CODE	REST SIGN	HIGHWAY SIGNS			POSTS		
				TYPE 3 SHEETING			TYPE 7		
			EA	SIZE	QTY	SF	LENGTH LF	QTY	LF
STA 155+00 RT		R9-3		18" X 18"	1	2.25	13.50	1	13.50
STA 155+00 RT		R9-3BP		18" X 12"	1	1.50			
STA 155+28 LT		R9-3		18" X 18"	1	2.25	13.50	1	13.50
STA 155+28 LT		R9-3BP		18" X 12"	1	1.50			
STA 156+68 LT			1						
STA 159+00 LT			1						
PROJECT TOTAL:			2			8			27

TRAFFIC SIGNAL TIMING

MONTGOMERY CROSS RD AT SALLIE MOOD DR

LUMP SUM

SUMMARY OF SIGNAL QUANTITIES

LOCATION	INSTL. NO.	LUMP	REMOVE LUMINAIRE	RESET LUMINAIRE	DIRECTIONAL BORE	DIRECTIONAL BORE	HIGHWAY SIGNS	STEEL STRAIN	STEEL STRAIN	CONDUIT
								POLE TP IV, INCL COMB 30FT/60FT MAST ARMS INCL LUMINAIRE ARM	POLE TP IV, INCL COMB 35FT/60FT MAST ARMS INCL LUMINAIRE ARM	NONMETAL TP3, 2 IN
			EA	EA	LF	LF	SF	EA	EA	LF
MONTGOMERY CROSS RD AT SALLIE MOOD DR	1	1	1	1	65	185	139	1	1	700
PROJECT TOTAL:			1	1	65	185	139	1	1	700

SIGNING AND MARKING GENERAL NOTES

1. ALL STANDARD HIGHWAY SIGNS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS, THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION, AND THE GEORGIA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND/OR SPECIAL PROVISIONS.

2. SIGN ERECTION STATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD LOCATIONS WHERE NECESSARY, BUT SHALL BE WITHIN THE LIMITATIONS SET FORTH IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION. NO SIGN LOCATION SHALL BE CHANGED BY THE CONTRACTOR OR BY THE PROJECT ENGINEER WITHOUT PRIOR APPROVAL FROM THE OFFICE OF TRAFFIC SAFETY AND DESIGN.

3. ALL STANDARD HIGHWAY SIGNS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN ASSEMBLY.

4A. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS MOUNTED BEHIND GUARDRAIL SHALL BE 6 FEET FROM THE FACE OF THE GUARDRAIL TO THE NEARER EDGE OF THE SIGN(S).

4B. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON ALL OTHER ROADWAYS SHALL BE 6 FEET FROM THE EDGE OF THE PAVED SHOULDER OR 12 FEET FROM THE NORMAL EDGE OF PAVEMENT TO THE NEARER EDGE OF THE SIGN(S), WHICHEVER IS GREATER. THE HORIZONTAL CLEARANCE IN NON-MOUNTABLE CURB SECTIONS SHALL BE AT LEAST 2 FEET FORM THE CURB FACE TO THE NEARER EDGE OF THE SIGN(S).

5. SINGLE PLATE, HORIZONTAL RECTANGULAR SIGNS OVER 48 INCHES IN WIDTH SHALL BE MOUNTED ON TWO POSTS WITH 2 EACH 2 INCH X ½ INCH X (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAPS. THE STRAPS SHALL BE FLUSH WITH THE BACK OF THE SIGN WITH ONE EACH ACROSS THE TOP AND BOTTOM OF THE SIGN. THE CENTERLINE OF EACH POST SHALL BE INSET 1/6TH OF THE SIGN WIDTH FROM THE EDGE OF THE SIGN. SIGN PLATE BOLT HOLES SHALL BE ⅜ INCH DIAMETER, DRILLED OR PUNCHED, AS SHOWN ON THE SIGN PLATE DETAILS.

6. EACH 42 OR 48 INCH WIDE X 18 OR 24 INCH HIGH SIGN REQUIRES ONE 2 INCH X ½ INCH X (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAP LOCATED IN THE CENTER OF THE SIGN AND FLUSH WITH THE BACK OF THE SIGN.

7. SIGN ASSEMBLIES SHALL BE MOUNTED ON ALUMINUM OR GALVANIZED STEEL STRAP FRAMES. FOR DETAILS AND STRAP SPECIFICATIONS REFER TO SIGN ASSEMBLY-TYPICAL FRAMING DETAILS.

8. TYPE 3 (ENCAPSULATED LENS) REFLECTIVE SHEETING SHALL BE USED FOR ALL STANDARD HIGHWAY SIGNS REQUIRING REFLECTORIZED BACKGROUNDS EXCEPT AS SPECIFIED BELOW OR SPECIFIED OTHERWISE IN THE PLANS. EITHER CLASS 1 OR CLASS 2 ADHESIVE BACKING IS PERMISSIBLE.

9. TYPE 9 (VERY HIGH INTENSITY) REFLECTIVE SHEETING SHALL BE USED FOR ALL RED SERIES SIGNS (R1-1, R1-2, R1-3P, R5-1, R5-1A).

10. TYPE 9 (VERY HIGH INTENSITY) FLUORESCENT YELLOW REFLECTIVE SHEETING SHALL BE USED FOR SCHOOL ZONE (S1-1, S2-1, S3-1, S4-3, S4-5 AND THE TOP PORTION OF THE S5-1) SIGNS, AND PEDESTRIAN CROSSING (W11-2) SIGNS. SIGNS WITHIN THE SAME ASSEMBLY AS THE SCHOOL ZONE SIGNS SPECIFICALLY LISTED ABOVE AND ALL REGULATORY SIGNS PLACED AS PART OF THE SCHOOL ZONE SIGNING SHALL HAVE TYPE 9 (VERY HIGH INTENSITY) REFLECTIVE SHEETING BACKGROUNDS OF THE APPROPRIATE COLOR.

11. TYPE 9 (VERY HIGH INTENSITY) FLUORESCENT YELLOW REFLECTIVE SHEETING SHALL BE USED FOR ALL WARNING SIGNS.

12. A ½ INCH MINIMUM AIR SPACE SHALL BE REQUIRED BETWEEN ALL SIGN PLATES WITHIN AN ASSEMBLY.

13. WHERE SIGNS WITHIN AN ASSEMBLY EXTEND BELOW THE STANDARD MOUNTING HOLES ON THE POST(S), ADDITIONAL ⅜ INCH DIAMETER HOLE(S), DRILLED OR PUNCHED, SHALL BE REQUIRED TO PROPERLY MOUNT THE ASSEMBLY.

14. FOR DETAILS OF SPECIAL DESIGN HIGHWAY SIGNS, SEE DETAILS OF MISCELLANEOUS SIGNS.

15. CONTRACTOR WILL, AS REQUESTED BY THE PROJECT ENGINEER, BE REQUIRED TO REMOVE ANY EXISTING SIGNS THAT ARE DUPLICATED OR ARE CONTRARY TO THE INCLUDED SIGN PLANS.

COMBDR

McGee Partners, Inc.
www.mcgeepartners.com

REVISION DATES

2/20/14

CHATHAM COUNTY

SUMMARY QUANTITIES

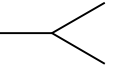
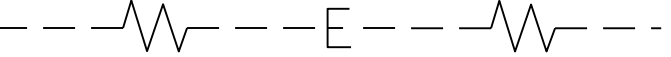


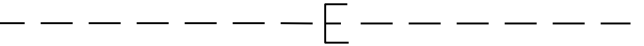
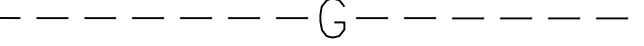


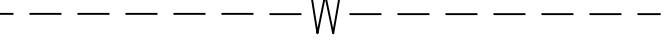



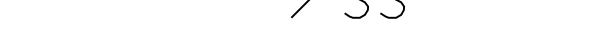







MONTGOMERY CROSS RD AT SALLIE MOOD DR
SIGNAL AND PEDESTRIAN IMPROVEMENTS

DRAWING No.
06-002





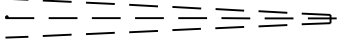
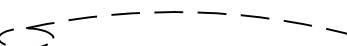
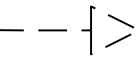
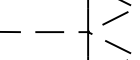


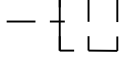







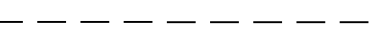
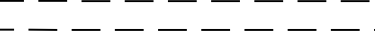
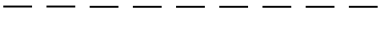
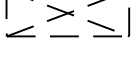

QUANTITIES REQUIRED BY AMENDMENT

[illegible]





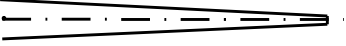
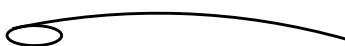
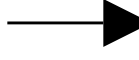
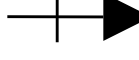




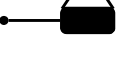



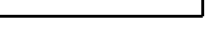
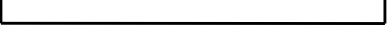
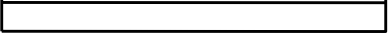

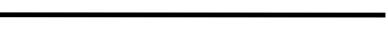
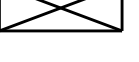


EXISTING UTILITIES

	EXISTING GUY WIRE
	EX.OH ELECTRIC
	EX POWER POLE
	EX TRANSFORMER
	EX.UG ELECTRIC
	EX GAS LINE
	EX GAS METER
	EX GAS VALVE
	EX WATER LINE
	EX FIRE HYDRANT
	EX WATER METER
	EX WATER VALVE
	EX SANITARY SEWER
	EX SS MANHOLE
	EX TELEPHONE MH
	EX OH TELEPHONE
	EX TELEPHONE POLE
	EX UG TELEPHONE
	EX OH CABLE TV
	EX UG CABLE TV

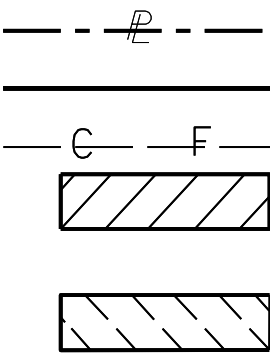
EXISTING SIGNAL

	CONTROLLER CABINET
	STRAIN POLE
	TIMBER POLE
	DOWN GUY
	MAST ARM
	STREET LIGHT
	3 SECTION HEAD
	5 SECTION HEAD
	OVERHEAD SIGN
	PEDESTAL POLE
	PED SIGNAL HEAD
	CURB CUT RAMP
	PULLBOX, TP 1
	PULLBOX, TP 2
	PULLBOX, TP 4
	PULLBOX, TP 5
	6x6 PULSE LOOP
	6x18 CALL LOOP
	6x40 PRESENCE LOOP (DIPOLE)
	6x40 PRESENCE LOOP (QUADRUPOLE)
	CONDUIT
	RAILROAD CONTROLLER
	SIGN POST

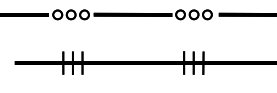
PROPOSED SIGNAL

	CONTROLLER CABINET
	STRAIN POLE
	TIMBER POLE
	DOWN GUY
	MAST ARM
	STREET LIGHT
	3 SECTION HEAD
	3 SECTION HEAD W/ BACKPLATE
	4 SECTION HEAD
	4 SECTION HEAD W/ BACKPLATE
	OVERHEAD SIGN
	PEDESTAL POLE
	PED SIGNAL HEAD
	CURB CUT RAMP - (See ADA Detail)
	PULLBOX, TP 2
	PULLBOX, TP 3
	6x6 PULSE LOOP
	6x18 CALL LOOP
	6x40 PRESENCE LOOP (DIPOLE)
	6x40 PRESENCE LOOP (QUADRUPOLE)
	CONDUIT
	DIRECTIONAL BORE
	RAILROAD CONTROLLER
	SIGN POST
	ELECTRIC METER

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES



BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS



McGee Partners, Inc.
www.mcgeepartners.com

REVISION DATES

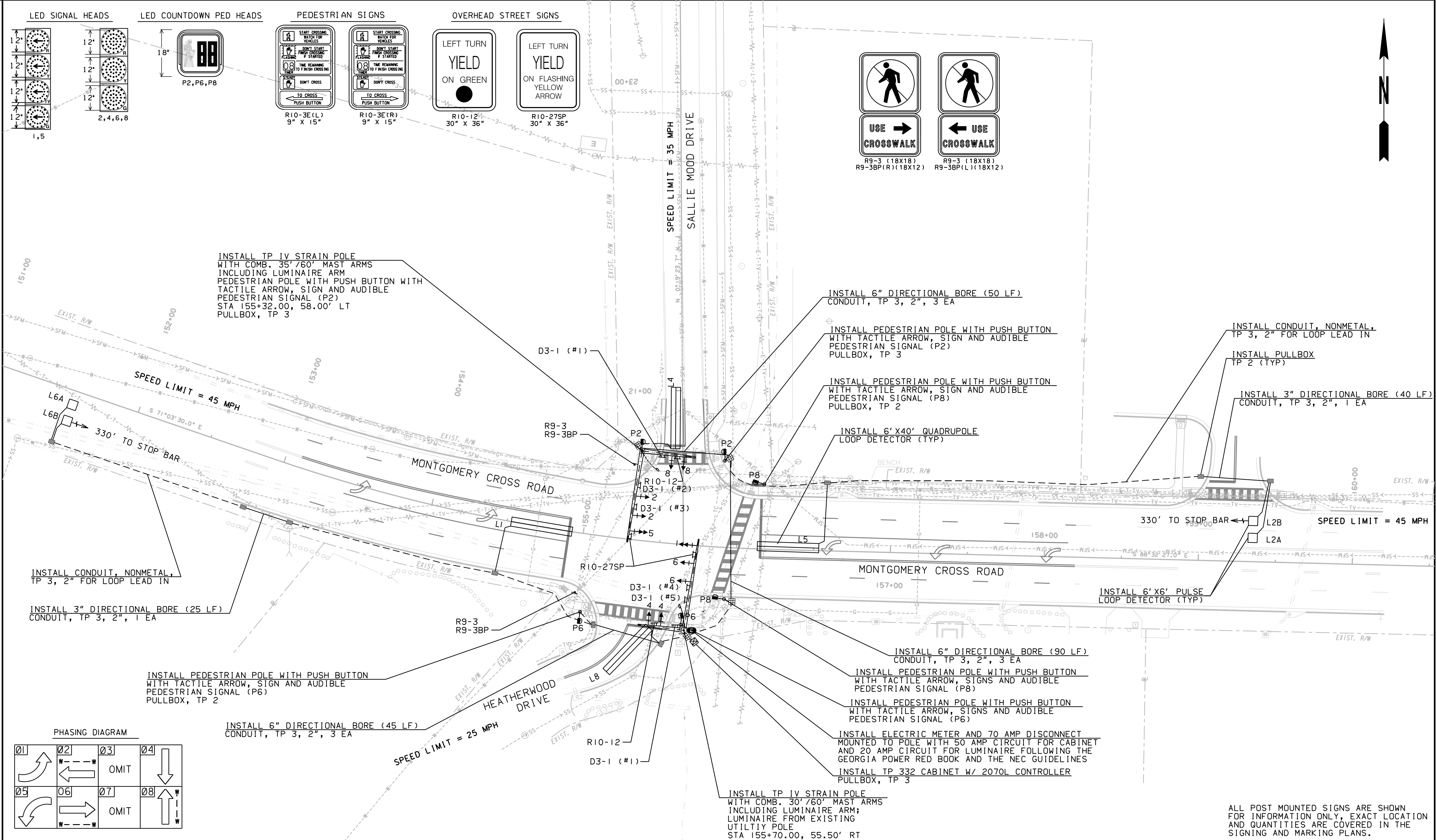
2/20/14		

CHATHAM COUNTY

SIGNAL PLANS

MONTGOMERY CROSS RD AT SALLIE MOOD DR
SIGNAL AND PEDESTRIAN IMPROVEMENTS

DRAWING No.
27-001



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES

---P---
---C---F---
[Hatched Box]
[Hatched Box]

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 30 60 120

McGee Partners, Inc.
www.mcgeepartners.com

REVISION DATES	
2/20/14	

CHATHAM COUNTY

SIGNAL PLANS

MONTGOMERY CROSS RD AT SALLIE MOOD DR
SIGNAL AND PEDESTRIAN IMPROVEMENTS

DRAWING No.
27-002

LIST OF MATERIALS

	LIST OF MATERIALS	UNIT	QUANTITY
	CONTROLLER CABINET ASSEMBLIES		
	A. CONTROLLER UNIT, MODEL 2070L	EA	1
	B. CABINET ASSEMBLY, MODEL 332	EA	1
	C. SWITCH PACK (LOAD SWITCH)	EA	9
	D. DC ISOLATOR	EA	3
	E. LOOP DETECTOR, 2 CHANNEL	EA	6
	F. 2010 CONFLICT MONITOR, EXTENDED FEATURES	EA	1
	LOOP/PED LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT): 3 PAIR, 18 AWG	REEL	2
	SIGNAL CABLE (14 AWG): 7 CONDUCTOR, PER 1000 FT.	REEL	1
	LOOP DETECTOR WIRE (14 AWG, STRANDED/1000 FT)	REEL	2
	3-SECTION, 12" SIGNAL HEAD w/(5mm) LED - "PIXELATED LOOK" - ALUMINUM SIGNAL HEAD WITH BLACK FACE AND YELLOW BACK AS PER CITY OF SAVANNAH REQUIREMENTS	EA	8
	4-SECTION, 12" SIGNAL HEAD w/(5mm) LED - "PIXELATED LOOK" - ALUMINUM SIGNAL HEAD WITH BLACK FACE AND YELLOW BACK AS PER CITY OF SAVANNAH REQUIREMENTS	EA	2
	1-SECTION, 16" x 18" LED - AUDIBLE "INCANDESCENT LOOK" COUNTDOWN PEDESTRIAN SIGNAL HEAD, FULL HAND/MAN OVERLAP 9" HIGH, NUMBERS & 12" SYMBOLS	EA	6
	ACCESSIBLE PEDESTRIAN PUSHBUTTONS STATIONS, W/BUTTONS WITH TACTILE ARROWS AND SIGNS: 9" x 15", R10-3E, (LEFT OR (R)IGHT, COUNTDOWN	EA	6
	BACK PLATE FOR ONE-WAY, 3-SECTION, 12" SIGNAL HEAD, ABS PLASTIC, BLACK	EA	8
	BACK PLATE FOR ONE-WAY, 4-SECTION, 12" SIGNAL HEAD, ABS PLASTIC, BLACK	EA	2
	HARDWARE FOR MAST ARM MOUNTING	EA	8
	HARDWARE FOR PEDESTAL POLE, TOP POST MOUNTING, ONE-WAY BRACKET ASSEMBLY	EA	3
	HARDWARE FOR PEDESTAL POLE, TOP POST MOUNTING, TWO-WAY BRACKET ASSEMBLY	EA	1
	HARDWARE FOR SIDE-OF-POLE MOUNTING, ONE-WAY BRACKET ASSEMBLY: CONCRETE, TIMBER, STEEL POLE	EA	1
	PEDESTAL POLE & SQUARE BASE	EA	5
	PULL BOX, PB-2	EA	10
	PULL BOX, PB-3	EA	4
	LOOP SAW CUT	LF	630
	CONDUIT, 1"	LF	70
	CONDUIT, 2 "	LF	160
	R10-12, LEFT TURN YIELD ON GREEN SIGN	EA	2
	R10-27SP, LEFT TURN YIELD ON FLASHING YELLOW ARROW	EA	2
	MISCELLANEOUS MATERIALS NEEDED TO COMPLETE INSTALLATION	LUMP	LUMP
	METER AND 70 AMP DISCONNECT	EA	1
	50 AMP SINGLE POLE BREAKER	EA	1
	20 AMP SINGLE POLE BREAKER	EA	1

PAY ITEMS

610-6610	REMOVE LUMINAIRE	EA	1
611-5500	RESET LUMINAIRE	EA	1
615-1200	DIRECTIONAL BORE - 3 INCH	LF	65
615-1200	DIRECTIONAL BORE - 6 INCH	LF	185
636-1041	HIGHWAY SIGNS, TP 2 MATL - REFL SHEETING, TP 9	SF	139
639-3004	STEEL STRAIN POLE, TP IV, WITH COMB. 30'/60' MAST ARMS INCL LUMINAIRE ARM	EA	1
639-3004	STEEL STRAIN POLE, TP IV, WITH COMB. 35'/60' MAST ARMS INCL LUMINAIRE ARM	EA	1
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 1	LUMP	LUMP
682-6233	CONDUIT, NONMETAL, TP 3, 2 IN	LF	700
687-1000	TRAFFIC SIGNAL TIMING NO. 1	LUMP	LUMP

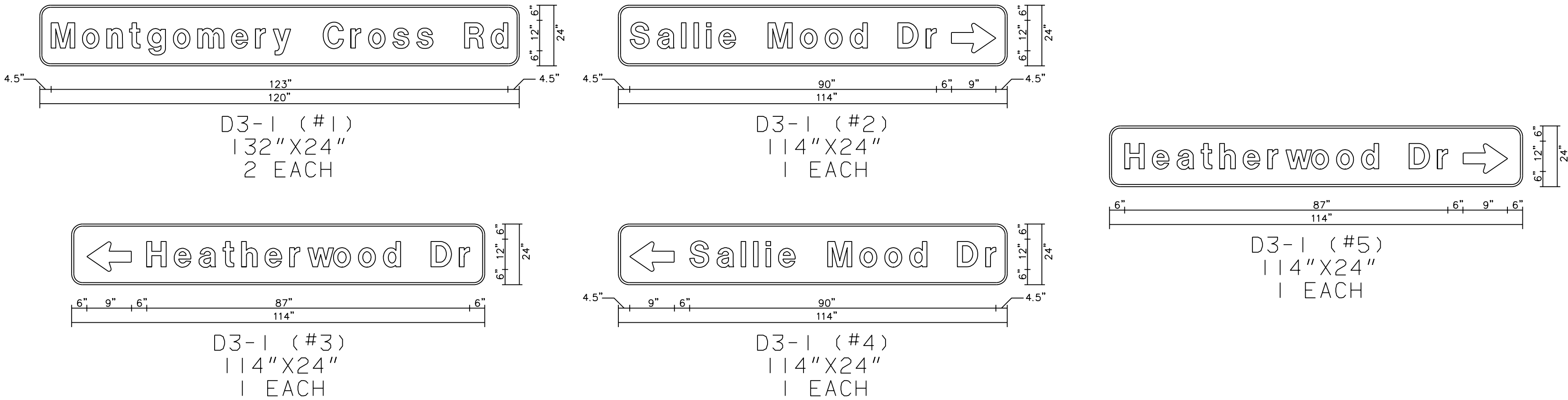
NOTE: QUANTITIES ARE FOR INFORMATIONAL PURPOSES ONLY

332A CABINET INPUT ASSIGNMENT

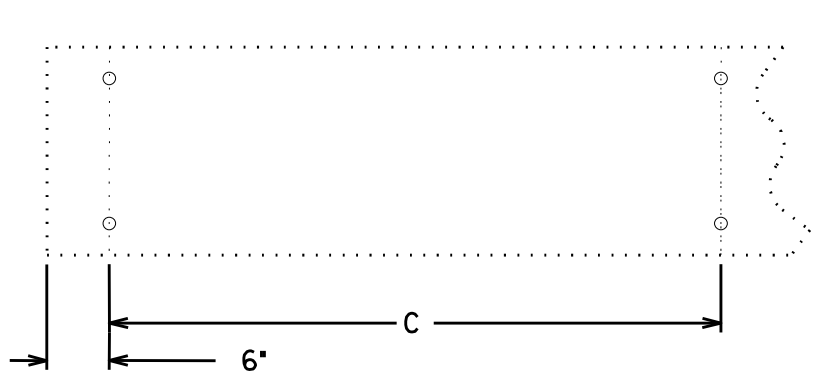
SLOT	1	2	3	4	5	6	7	8	9	10	11	12	13	14
UPPER INPUT FILE														
CHANNEL 1	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
	CARD	2 CH	2 CH	2 CH		2 CH	2 CH					DC ISO	DC ISO	DC ISO
	CIPIN	56	39	63	47	58	41	65	49	60		80	67	68
	FUNCTION	L1	L2A				L4				ADVANCE	P2 PED	P6 PED	FLASH
	FIELD TERM	TB2 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
ACTRA/SEPAC	DETECTOR	1	3	5	7	9	11	13	15	17		PED 2	PED 6	
ACTRA/SEPAC	ASSIGNED	1	2	2	2	3	4	4	4	1		Ø2	Ø6	
CHANNEL 2	CIPIN	56	43	76	47	58	45	78	49	62		53	69	70
	FUNCTION		L2B								ENABLE		P8 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
	DETECTOR	1	4	6	7	9	12	14	15	18		PED 4	PED 8	
	ASSIGNED	1	2	2	2	3	4	4	4	3		Ø4	Ø8	

LOWER INPUT FILE														
CHANNEL 1	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
	CARD	2 CH	2 CH	2 CH		2 CH	2 CH							
	CIPIN	55	40	64	48	57	42	66	50	59		54	71	72
	FUNCTION	L5	L6A				L8							
	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
ACTRA/SEPAC	DETECTOR	19	21	23	25	29	31	33	35	37		PRE 3	PRE 4	PRE 1
ACTRA/SEPAC	ASSIGNED	5	6	6	6	7	8	8	8	5				
CHANNEL 2	CIPIN	55	44	77	48	57	46	79	50	61		75	73	74
	FUNCTION		L6B											
	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
	DETECTOR	19	22	24	25	29	32	34	35	38		PRE 5	PRE 6	PRE 2
	ASSIGNED	5	6	6	6	7	8	8	8	7				

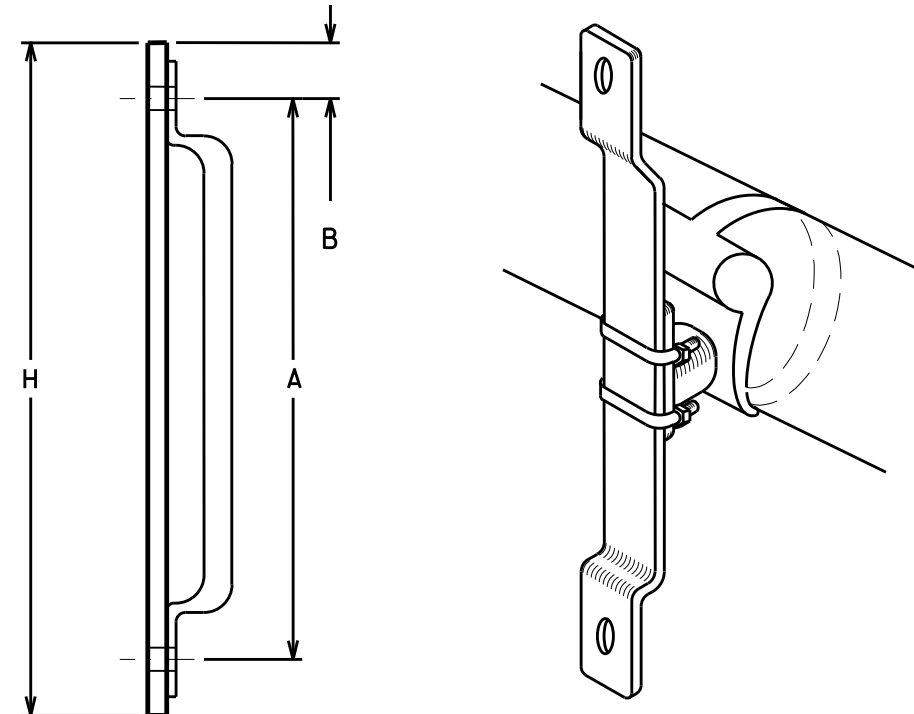
DETAILS FOR OVERHEAD SIGNS



MOUNTING DIMENSIONS			
H	A	B	C
12"	9"	1 1/2"	36"
18"	15"	1 1/2"	24"
24"	18"	1 1/2"	18"
30"	24"	3"	12"



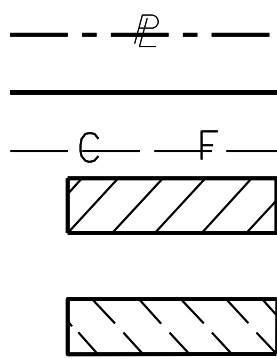
FOR MOUNTING TO
MAST ARMS STRUCTURES.
(NOT TO SCALE)
NOTE: USE ASTRO MINISIGN BRAC
AND CLAMP OR EQUIVALENT



GENERAL NOTES:

- EACH SIGN SHALL CONTAIN A MINIMUM OF TWO (2) HANGERS OR BRACKETS.
- SIGN LEGEND SHALL BE 12-IN. UPPER CASE & 9-IN. LOWER CASE SERIES "D" LETTERS
- EACH SIGN SHALL CONTAIN 1/2-IN BORDERS AND 1 1/2-IN RADII.
- EACH SIGN SHALL BE MADE OF ONE CONTINUOUS PIECE OF ALUMINUM.
- SIGNS SHALL HAVE STANDARD REFLECTORIZED INTERSTATE GREEN BACKGROUND WITH WHITE REFLECTORIZED LEGENDS, BORDERS AND ARROWS.

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REQ'D R/W & LIMIT OF ACCESS

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