

LEE COUNTY  
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

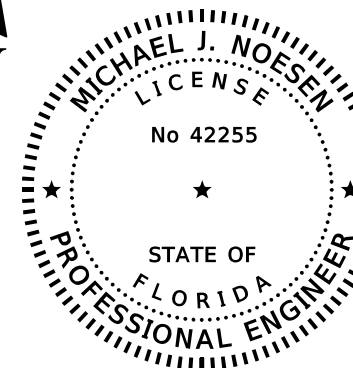
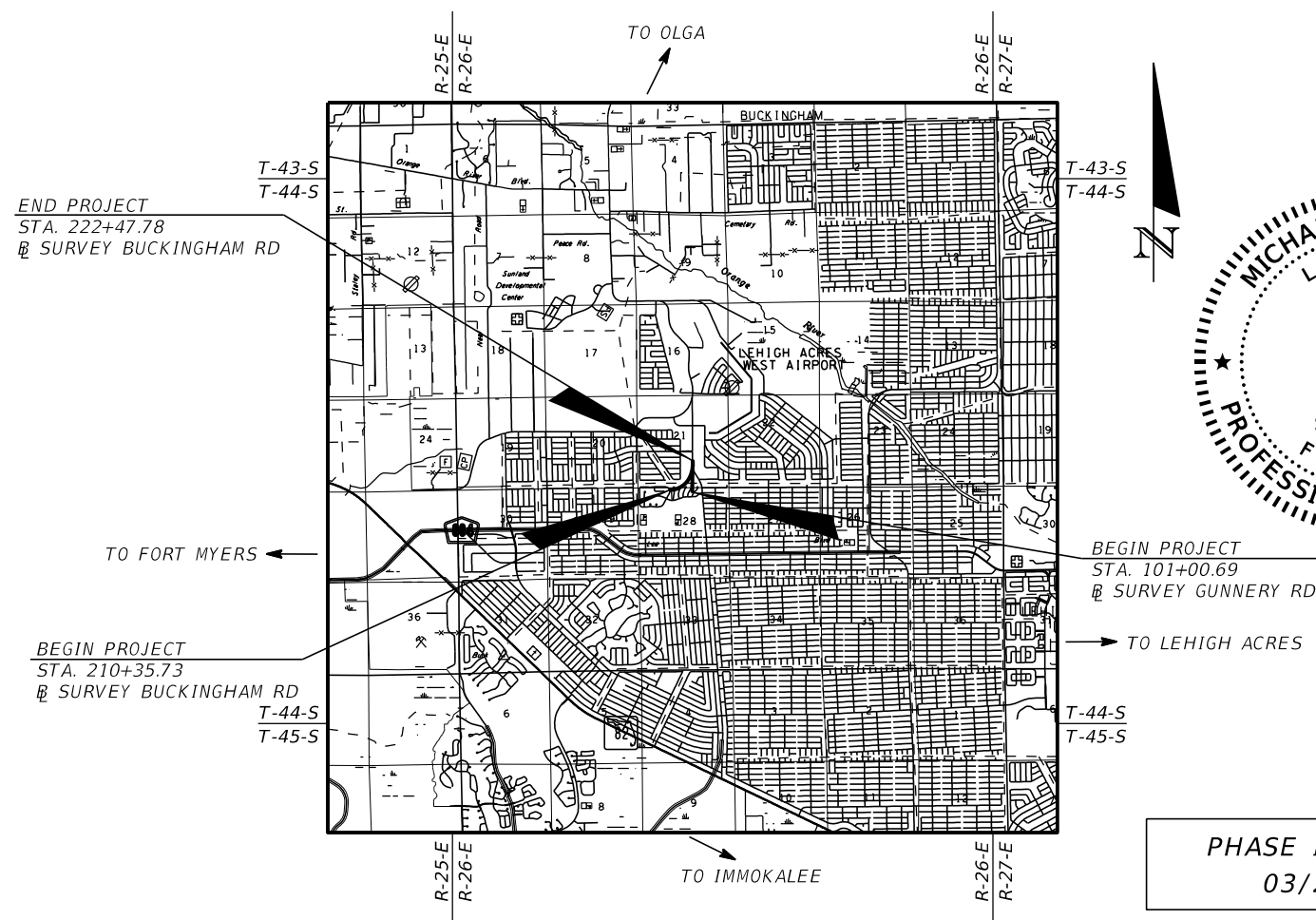
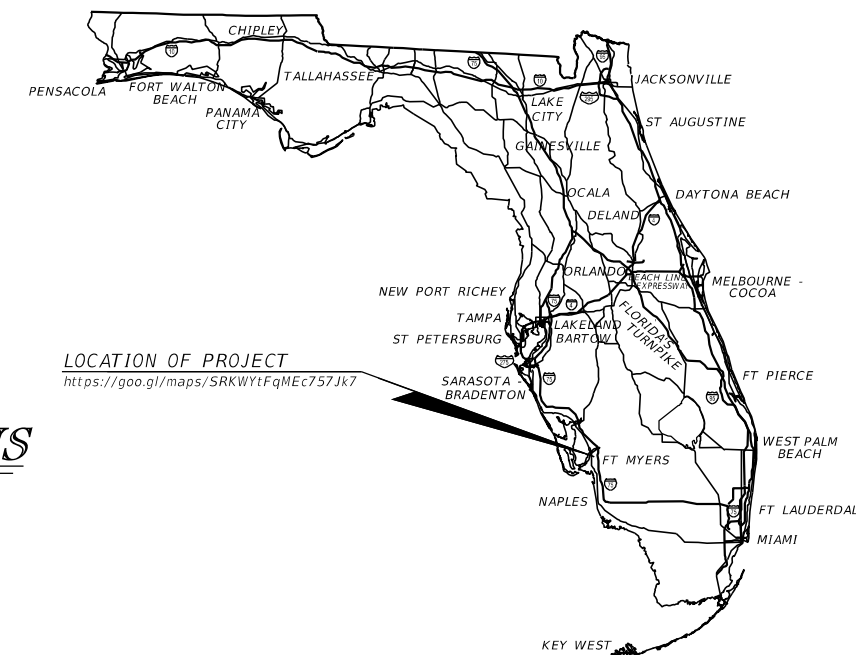
FINANCIAL PROJECT ID 442123-1-58-01  
(FEDERAL FUNDS)

BUCKINGHAM RD AT GUNNERY RD N  
INTERSECTION IMPROVEMENT (ROUNDBOUT)

SIGNING AND PAVEMENT MARKING PLANS

INDEX OF SIGNING AND  
PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
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**SIGNING AND  
PAVEMENT MARKING PLANS  
ENGINEER OF RECORD:**  
MICHAEL J. NOESEN, P.E.  
P.E. LICENSE NUMBER 42255  
AYRES ASSOCIATES  
8875 HIDDEN RIVER PKWY., SUITE 200  
TAMPA, FL 33637  
813-978-8688

**LCDOT PROJECT MANAGER:**  
ALEJANDRO J. SLAIBE, P.E.

FISCAL YEAR	SHEET NO.
24	S-1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS												TOTAL THIS SHEET		GRAND TOTAL	
			S-4		S-5		S-6		S-7		PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	2		20		1		5								28	28
0700 1 12	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12-20 SF	AS			13												13	13
0700 1 50	SINGLE POST SIGN, RELOCATE	AS						1									1	1
0700 1 60	SINGLE POST SIGN, REMOVE	AS	2		3			1									6	6
0700 2 12	MULTI-POST SIGN, F&I GROUND MOUNT, UP TO 12-20 SF	AS					1										1	1
0700 2 50	MULTI-POST SIGN, RELOCATE	AS			1		1										2	2
0700 2 60	MULTI-POST SIGN, REMOVE	AS					1										1	1
0710 90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS															1	1
*	RETRO-REFLECTIVE PAVEMENT MARKERS	EA															140	140
	RETRO-REFLECTIVE PAVEMENT MARKERS - BI-DIRECTIONAL WHITE/RED				14												14	14
	RETRO-REFLECTIVE PAVEMENT MARKERS - BI-DIRECTIONAL YELLOW/YELLOW		23		14		22		67								126	126
*	PAINTED PM, STD, WHITE, SOLID, 6"	GM	0.076		0.595		0.094		0.313								1.077	1.077
*	PAINTED PM, STD, WHITE, SOLID, 8"	GM			0.092												0.092	0.092
*	PAINT, STD., WHITE, SOLID, DIAG./CHEVRON, 18"	LF			43												43	43
*	PAINT, WHITE, SOLID, STOP LINES/CROSSWALK, 24"	LF					31										31	31
*	PAINT, STD., WHITE, GUIDE LINE, 6" (2/4)	GM			0.079				0.050								0.129	0.129
*	PAINT, STD., WHITE, GUIDE LINE, 12" (2/2)	GM			0.032												0.032	0.032
*	PAINT, STD., MESSAGE OR SYMBOL	EA			8				2								10	10
*	PAINT, STD., ARROWS	EA			16				7								23	23
*	PAINTED PM, STD, YELLOW, SOLID, 6"	GM	0.133		0.327		0.146		0.409								1.015	1.015
*	PAINT, STD., YELLOW, SOLID, DIAG/CHEVRONS, 18"	LF	46		42		21		108								217	217
0711 11124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF			43												43	43
0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOPLINE AND CROSSWALK	LF					31										31	31
0711 11141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM			0.079				0.050								0.129	0.129
0711 11144	THERMOPLASTIC, STANDARD, WHITE, 2-2 DOTTED GUIDELINE, 12" FOR ROUNDABOUT	GM			0.032												0.032	0.032
0711 11160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA															10	10
	ONLY				2				2								4	4
	YIELD				6												6	6
0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA															23	23
	LEFT				2				3								5	5
	RIGHT				2				3								5	5
	THRU				6				1								7	7
	LEFT / THRU				4												4	4
	THRU / RIGHT				2												2	2
0711 11224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRONS	LF	46		42		21		108								217	217
0711 14123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	LF			321				91								412	412
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF			200				60								260	260
0711 14160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE (BIKE)	EA							2								2	2
0711 14170	THERMOPLASTIC, PREFORMED, WHITE, ARROW (BIKE THRU)	EA							2								2	2
0711 16101	THERMOPLASTIC, STANDARD, OTHER SURFACES, WHITE, SOLID, 6"	GM	0.076		0.595		0.094		0.313								1.077	1.077
0711 16102	THERMOPLASTIC, STANDARD, OTHER SURFACES, WHITE, SOLID, 8"	GM			0.092												0.092	0.092
0711 16201	THERMOPLASTIC, STANDARD, OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.133		0.327		0.146		0.409								1.015	1.015

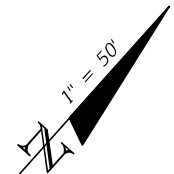
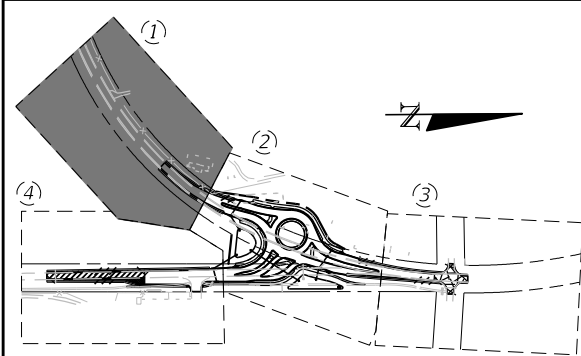
\* THESE QUANTITIES ARE PAID FOR UNDER PAINTED PAVEMENT MARKINGS (FINAL SURFACE), LUMP SUM - ITEM NO. 710-90. THE QUANTITIES SHOWN ARE FOR ONE APPLICATION; SEE SPECIFICATION 710 FOR THE NUMBER OF APPLICATIONS REQUIRED.

REVISIONS				MICHAEL J. NOESEN, P.E. P.E. LICENSE NUMBER 42255 AYRES ASSOCIATES 8875 HIDDEN RIVER PKWY, SUITE 200 TAMPA, FL 33637		BUCKINGHAM RD & GUNNERY RD ROUNDABOUT	FINANCIAL PROJECT ID 442123-1-58-01	TABULATION OF QUANTITIES	SHEET NO. S-2
DATE	DESCRIPTION	DATE	DESCRIPTION						

SIGNING AND PAVEMENT MARKING NOTES

1. SIGNS SHALL BE PLACED BASED ON FDOT STANDARD PLANS INDEX NO. 700-101, UNLESS OTHERWISE NOTED ON PLANS. ALL SIGNS MOUNTED OVER SIDEWALKS SHALL HAVE A VERTICAL CLEARANCE OF EIGHT FEET (8') STANDARD.
2. UNLESS OTHERWISE NOTED ON PLAN SHEETS, ALL CROSSWALKS SHALL BE TEN FEET (10') IN WIDTH. MEASUREMENTS SHALL BE FROM INSIDE TO INSIDE OF 12" STRIPES.
3. ALL PAVEMENT MARKINGS AND CROSSING MARKINGS ARE TO CONFORM TO FDOT STANDARD PLANS INDEX NO. 711-001 AND 711-002 UNLESS OTHERWISE SHOWN ON PLANS.
4. REFER TO FDOT STANDARD PLANS INDEX NO. 706-001 FOR PLACEMENT, TYPE AND SPACING OF ALL REFLECTIVE PAVEMENT MARKERS (RPM'S) UNLESS OTHERWISE SHOWN ON PLANS.
5. FINAL ASPHALT COURSE SHALL HAVE A TEMPORARY PAVEMENT MARKINGS FOR 14 DAYS PRIOR TO INSTALLATION OF FINAL (PERMANENT) THERMOPLASTIC MARKINGS.
6. ALL THE TEMPORARY PAVEMENT MARKINGS NOT FULLY COVERED BY THE PERMANENT PAVEMENT SHALL BE REMOVED PRIOR TO INSTALLING FINAL (PERMANENT) THERMOPLASTIC MARKINGS.
7. PAY ITEM 700-1-11: ALL SIGN POSTS SHALL BE SELECTED USING THE PROCESS DESCRIBED IN FDOT STANDARD PLANS INDEX NO. 700-010. ALL SIGN REFLECTIVE SHEETING SHALL BE TYPE 11 DIAMOND GRADE.

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DATE	DESCRIPTION	DATE	DESCRIPTION					
						FINANCIAL PROJECT ID 442123-1-58-01		S-3



BEGIN SIGNING  
STA. 208+00  
SURVEY BUCKINGHAM RD

BEGIN PAVEMENT MARKING  
MATCH EXIST.  
STA. 210+35.73  
SURVEY BUCKINGHAM RD

R2-1  
24" x 30"  
700-1-11  
STA. 210+60

SPEED  
LIMIT  
45

6" DBL. YELLOW

6" WHITE

18" YELLOW  
W/BI-DIR YELLOW  
RPM'S @ 30'

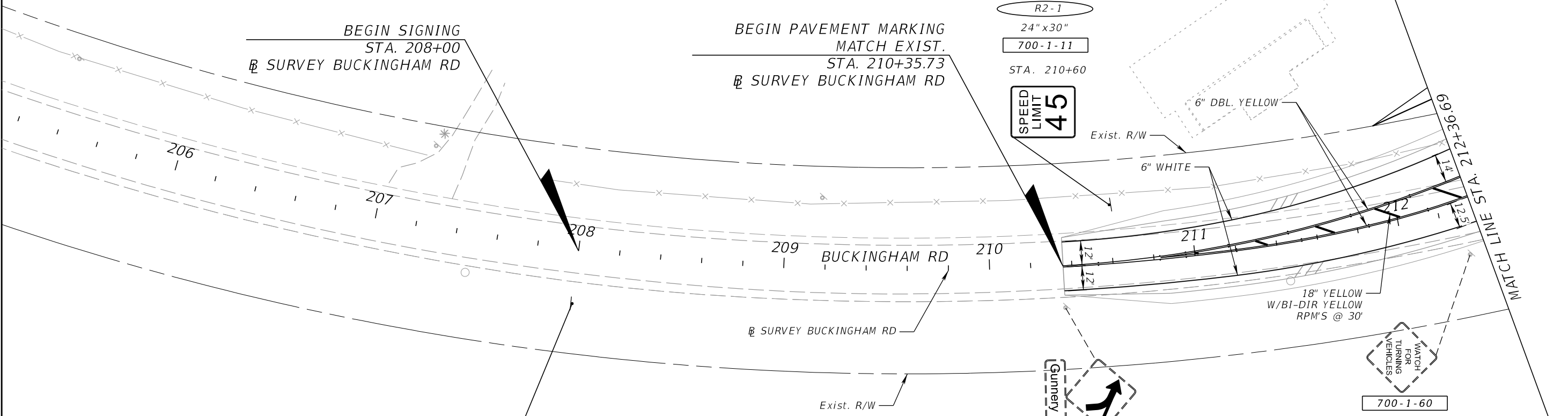
WATCH  
FOR  
TURNING  
VEHICLES  
700-1-60

15  
MPH

W2-6  
30" x 30"  
W13-1P  
18" x 18"  
700-1-11

STA. 208+00

Gunnery Rd  
700-1-60



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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SUITE 200  
TAMPA, FL 33637

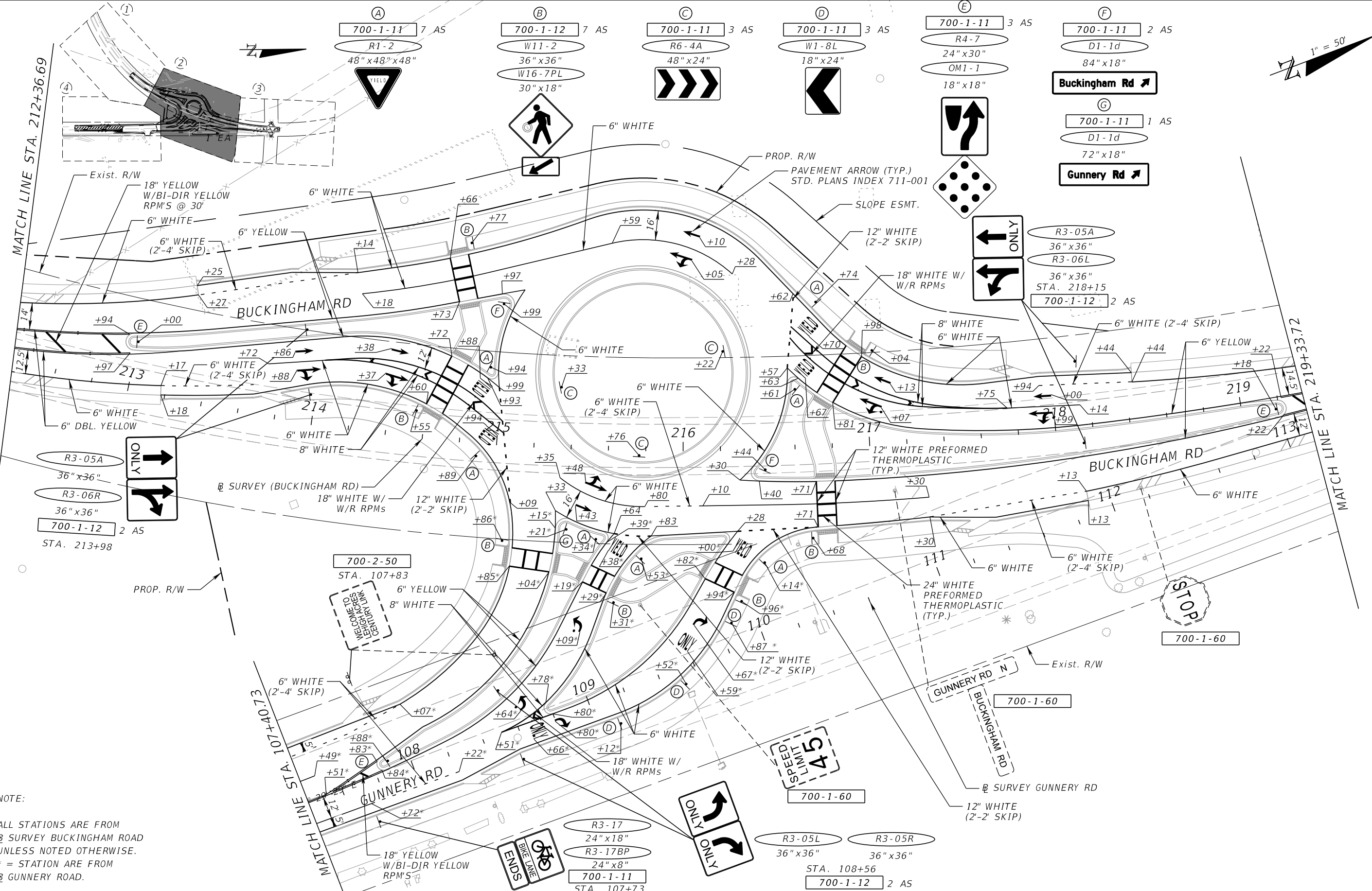
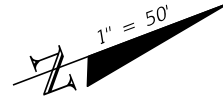


BUCKINGHAM RD & GUNNERY RD  
ROUNDBOUT  
FINANCIAL PROJECT ID  
442123-1-58-01

**SIGNING AND PAVEMENT  
MARKING PLAN (1)**

SHEET  
NO.  
S-4

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NOTE:  
 ALL STATIONS ARE FROM  
 SURVEY BUCKINGHAM ROAD  
 UNLESS NOTED OTHERWISE.  
 \* = STATION ARE FROM  
 GUNNERY ROAD.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL J. NOESEN, P.E.  
 P.E. LICENSE NUMBER 42255  
 AYRES ASSOCIATES  
 8875 HIDDEN RIVER PKWY,  
 SUITE 200  
 TAMPA, FL 33637

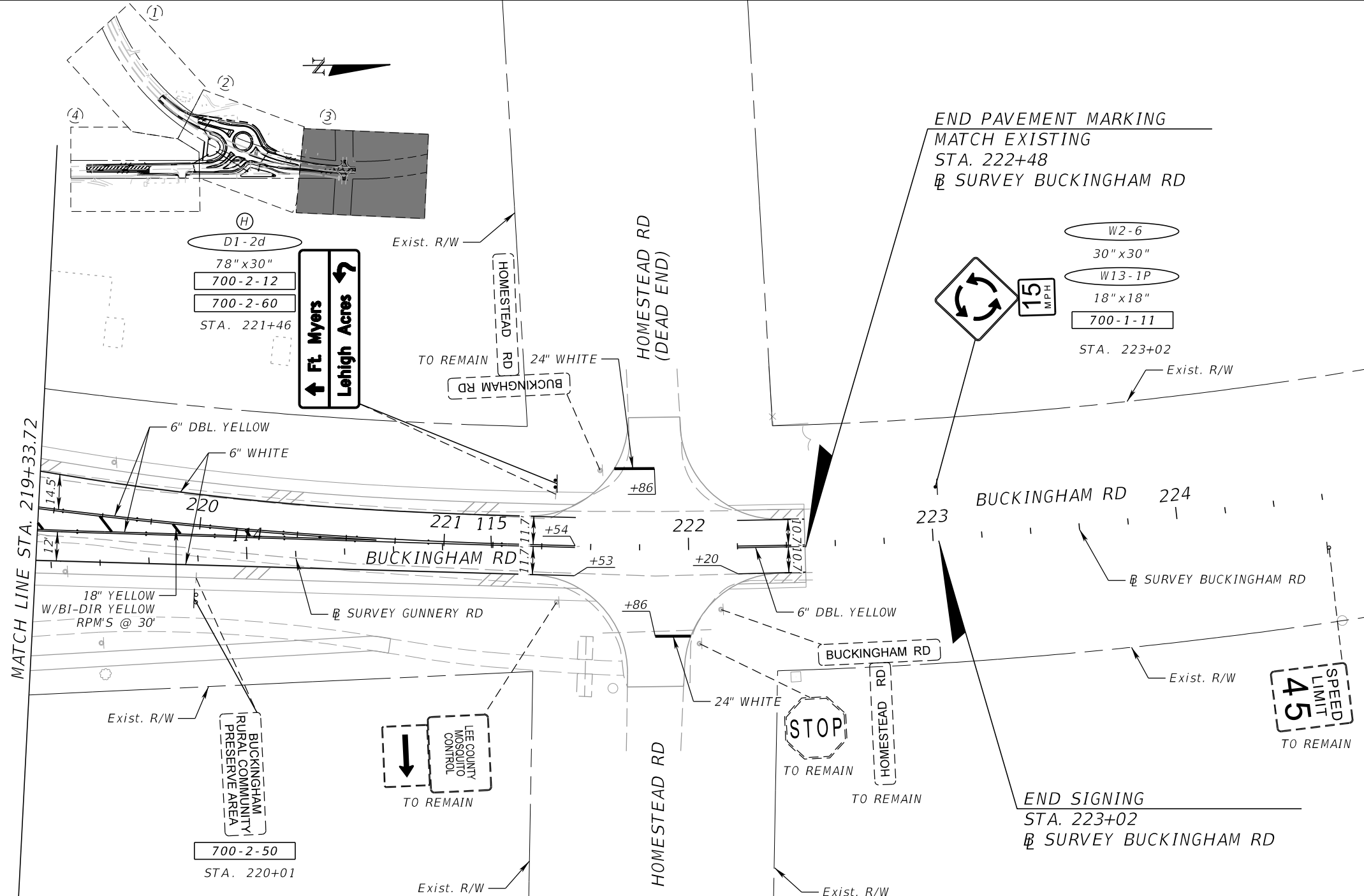


BUCKINGHAM RD & GUNNERY RD  
 ROUNDABOUT  
 FINANCIAL PROJECT ID  
 442123-1-58-01

**SIGNING AND PAVEMENT  
 MARKING PLAN (2)**

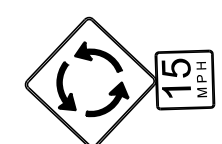
SHEET  
 NO.  
 S-5

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END PAVEMENT MARKING  
MATCH EXISTING  
STA. 222+48  
SURVEY BUCKINGHAM RD

- W2-6  
30" x 30"
  - W13-1P  
18" x 18"
  - 700-1-11
- STA. 223+02



15 MPH

BUCKINGHAM RD 224



TO REMAIN

END SIGNING  
STA. 223+02  
SURVEY BUCKINGHAM RD

MATCH LINE STA. 219+33.72

- D1-2d  
78" x 30"
  - 700-2-12
  - 700-2-60
- STA. 221+46

FT Myers  
Lehigh Acres

- BUCKINGHAM RURAL COMMUNITY PRESERVE AREA
  - 700-2-50
- STA. 220+01

LEE COUNTY MOSQUITO CONTROL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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AYRES ASSOCIATES  
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SUITE 200  
TAMPA, FL 33637

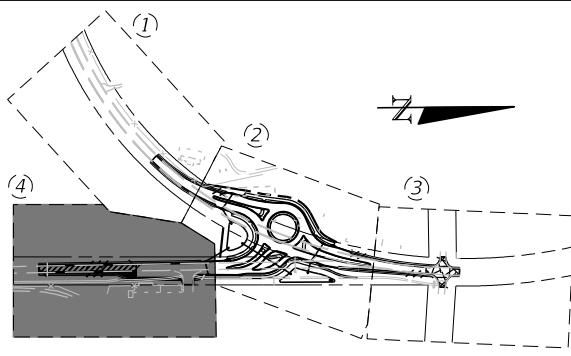


BUCKINGHAM RD & GUNNERY RD  
ROUNDABOUT  
FINANCIAL PROJECT ID  
442123-1-58-01

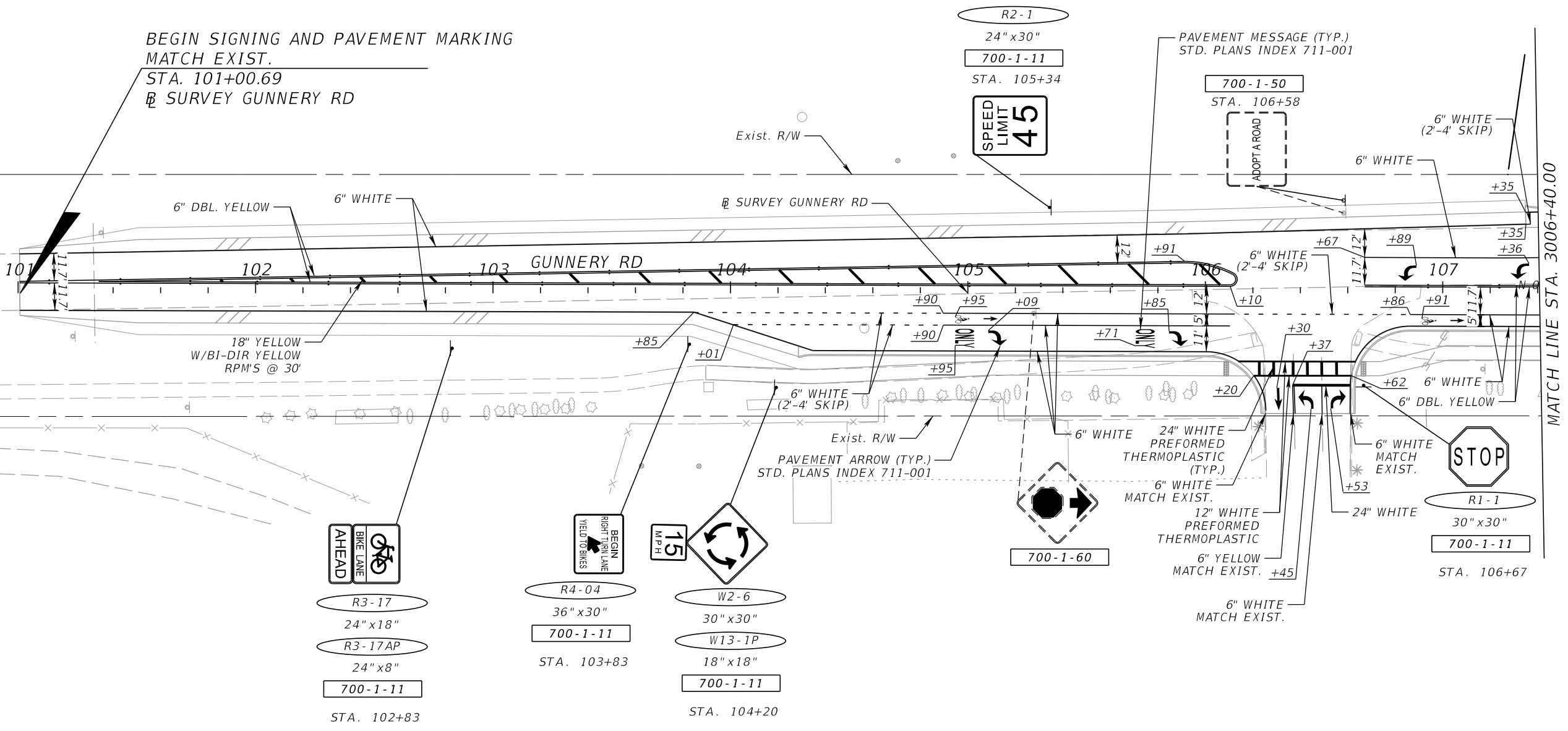
**SIGNING AND PAVEMENT  
MARKING PLAN (3)**

SHEET NO.  
S-6

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1" = 50'



BEGIN SIGNING AND PAVEMENT MARKING  
MATCH EXIST.  
STA. 101+00.69  
SURVEY GUNNERY RD

R2-1  
24" x 30"  
700-1-11  
STA. 105+34  
SPEED LIMIT 45

PAVEMENT MESSAGE (TYP.)  
STD. PLANS INDEX 711-001  
700-1-50  
STA. 106+58  
ADOPT A ROAD

R3-17  
24" x 18"  
R3-17AP  
24" x 8"  
700-1-11  
STA. 102+83

R4-04  
36" x 30"  
700-1-11  
STA. 103+83

W2-6  
30" x 30"  
W13-1P  
18" x 18"  
700-1-11  
STA. 104+20

R1-1  
30" x 30"  
700-1-11  
STA. 106+67

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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TAMPA, FL 33637



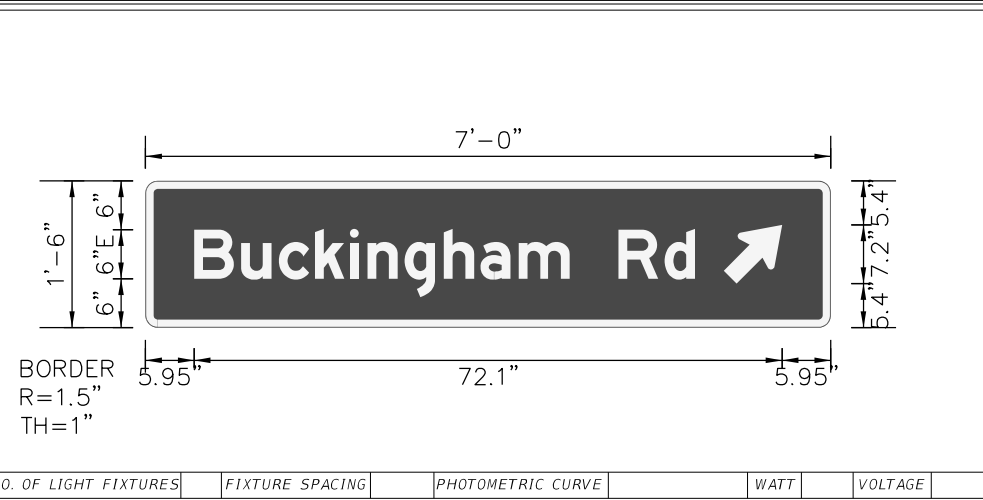
BUCKINGHAM RD & GUNNERY RD  
ROUNDAABOUT  
FINANCIAL PROJECT ID  
442123-1-58-01

SIGNING AND PAVEMENT  
MARKING PLAN (4)

SHEET NO.  
S-7

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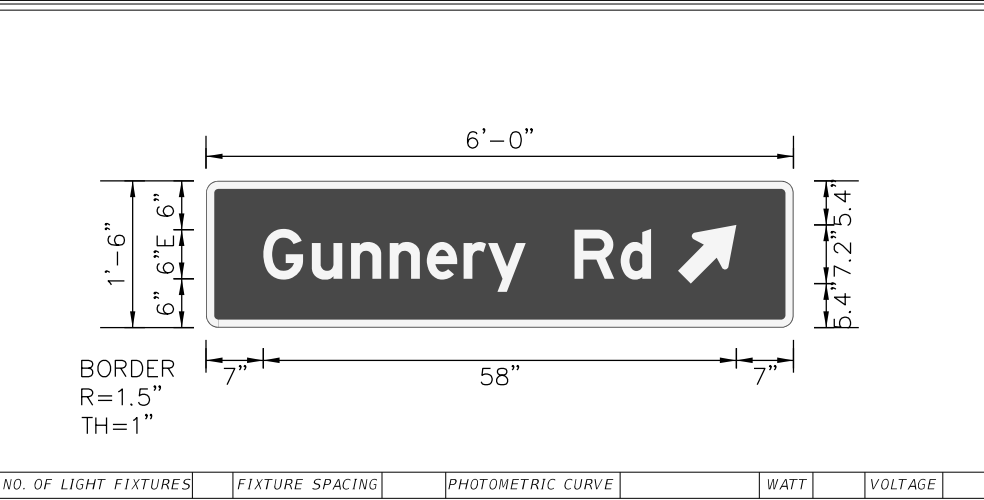
SIGN NAME F		QTY 2	SIGN NUMBER	STATION(S)
PANEL		BORDER		214+99
WIDTH 7'-0"	WIDTH 1"	216+44		
HEIGHT 1'-6"	RADII 1.5"			
LEGEND White	COLOR White			
COLOR Green				
SYMBOL(S)	ANGLE	X	Y	WID HT
AR_Type D	314.8	70.9	5.4	6 9
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH



COPY	B	u	c	k	i	n	g	h	a	m	R	d	L			
SPACE	6	5.8	4.6	4.4	4.3	2.2	4.6	4.8	4.5	4.7	6.2	6	5.6	3.7	16.7	61.4
COPY																
SPACE																
COPY																
SPACE																
COPY																
SPACE																
COPY																
SPACE																
COPY																
SPACE																

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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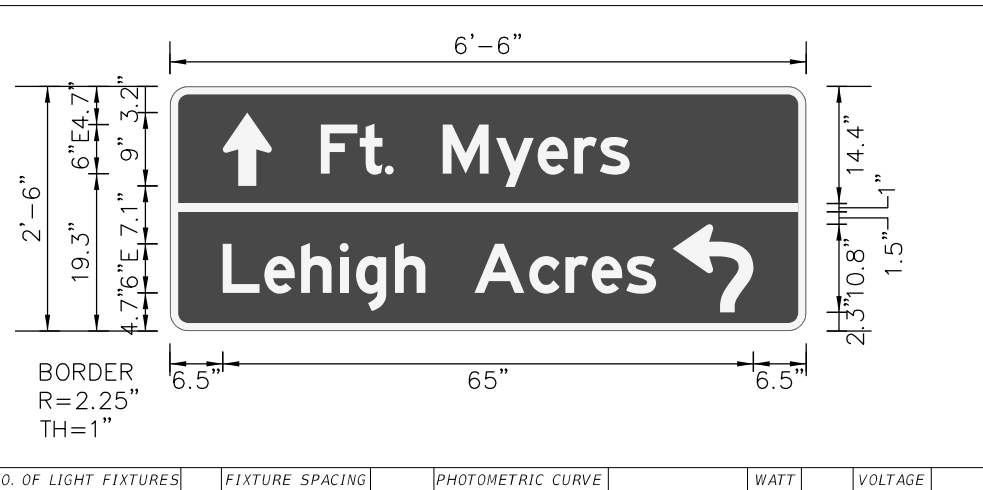
SIGN NAME G		QTY 1	SIGN NUMBER	STATION(S)
PANEL		BORDER		109+21
WIDTH 6'-0"	WIDTH 1"			
HEIGHT 1'-6"	RADII 1.5"			
LEGEND White	COLOR White			
COLOR Green				
SYMBOL(S)	ANGLE	X	Y	WID HT
AR_Type D	314.8	57.8	5.4	6 9
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH



COPY	G	u	n	n	e	r	y	R	d	L			
SPACE	7	5.9	4.8	4.7	4.6	4.5	3	4.6	6	5.6	3.7	17.5	47.5
COPY													
SPACE													
COPY													
SPACE													
COPY													
SPACE													
COPY													
SPACE													
COPY													
SPACE													

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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SIGN NAME H		QTY 1	SIGN NUMBER	STATION(S)
PANEL		BORDER		221+46
WIDTH 6'-6"	WIDTH 1"			
HEIGHT 2'-6"	RADII 2.25"			
LEGEND White	COLOR White			
COLOR Green				
SYMBOL(S)	ANGLE	X	Y	WID HT
AR_Type D	0	6.5	17.8	6 9
AR_FISHOOK	0	61.6	2.3	9.9 10.8
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH



COPY	F	t	.	M	y	e	r	s	L				
SPACE	18.5	4.8	3.1	1.1	6	6.5	5.1	4.5	3.1	3.7	21.7	37.9	
COPY													
SPACE													
COPY													
SPACE													
COPY													
SPACE													
COPY													
SPACE													
COPY													
SPACE													

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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SIGN NAME		QTY	SIGN NUMBER	STATION(S)
PANEL		BORDER		
WIDTH	WIDTH			
HEIGHT	RADII			
LEGEND	COLOR			
COLOR				
SYMBOL(S)	ANGLE	X	Y	WID HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL J. NOESEN, P.E.  
P.E. LICENSE NUMBER 42255  
AYRES ASSOCIATES  
8875 HIDDEN RIVER PKWY,  
SUITE 200  
TAMPA, FL 33637



BUCKINGHAM RD & GUNNER RD  
ROUNDABOUT  
FINANCIAL PROJECT ID  
442123-1-58-01

GUIDE SIGN  
WORKSHEET

SHEET NO.  
S-8

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