



**Hillsborough
County Florida**

ENGINEERING & OPERATIONS

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TRANSPORTATION TECHNICAL MANUAL BULLETIN 22-05R

TRANSPORTATION DESIGN BULLETIN 22-09R

DATE: May 05, 2023

TO: County Director of Engineering & Operations Department,
County Director of Capital Programs Department,
County Manager of Construction Services,
County Director of Transportation Maintenance Division,
County Project Managers, and Project Engineers of Record

FROM: County Engineer,
County Director of Technical Services Division

COPIES: County Director of Performance Data and Analytics Department

SUBJECT: OVERHEAD STREET NAME SIGN PANEL DETAILS

This bulletin revises minor misprints in the sign panel details for the Overhead Street Name Signs.

REVISIONS

This bulletin revises minor misprints in the sign panel details for the Overhead Street Name Signs, Index OSN-001, on sheets 1 of 3 and 3 of 3. Internally illuminated sign panel information incorrectly identified these panels having a border that is colored white. Internally illuminated signs do not have a border. Colored white has been eliminated from the sign border information.

IMPLEMENTATION

Effective Immediately on all County Capital Improvement Program (CIP) projects.

CONTACT

Please use the email link below to address any questions or comments in reference to this Design Bulletin:

[PW-Standards Inquiry](#)

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Recommended / Date:

Approved / Effective Date:

Leland Dicus, Professional Engineer
Technical Services Division Director

Michael J. Williams, Professional Engineer
County Engineer

SIGN NAME	SIGN 1	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	9'-0"	WIDTH	0"		
HEIGHT	2'-0"	RADII	0"		
LEGEND	White	COLOR			
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
AR_Type D	90	6	14	6	9
AR_Type D	270	93	4	6	9
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	

NOTE: FOR INTERSECTIONS WHERE THE STREET NAMES CHANGE ON EITHER SIDE OF THE INTERSECTION. NO BLOCK NUMBERS.

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY		S	t	a	r	w	o	o	d	A	v	e	L										
SPACE	21	6.1	4.5	6.4	3.8	7.3	5.4	5.4	4	6	6.8	5.8	4	21.5	65.5								
COPY		B	l	o	o	m	i	n	g	d	a	l	e	S	q	u	a	r	e	L			
SPACE	6	5.8	2	4.6	4.7	7.3	2.2	4.6	4.6	4.6	4.7	2	3.7	6	5.6	4.7	4.6	4.7	3.2	3.7	18.8	83.2	
COPY																							
SPACE																							

SIGN NAME	SIGN 2	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	7'-6"	WIDTH	0"		
HEIGHT	2'-0"	RADII	0"		
LEGEND	White	COLOR			
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	

NOTE: FOR STANDARD STREET NAME SIGNS WHERE THE 8" EM AND THE 6" E SIZES LETTERING DOES NOT EXCEED 9'.

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY		B	e	l	l	S	h	o	a	l	s	L										
SPACE	9	8	7.8	4.8	1.6	8	9	7.8	7.2	8.5	3.9	5.3	9	72								
COPY		0	0	0	0	R	D	0	0	0	0	L										
SPACE	9	6.3	6.3	6.3	5	6.5	6.2	4.9	6.5	6.3	6.3	6.3	5	9	72							
COPY																						
SPACE																						

SIGN NAME	SIGN 3	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	9'-0"	WIDTH	0"		
HEIGHT	2'-0"	RADII	0"		
LEGEND	White	COLOR			
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	

NOTE: FOR LONG STREET NAMES USE 8" D FOR STREET NAMES AND 6" C FOR BLOCK NUMBERS TO FIT WITHIN THE 9' WIDTH MAXIMUM.

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

SIGN NAME	SIGN 4	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	8'-6"	WIDTH	0"		
HEIGHT	2'-0"	RADII	0"		
LEGEND	White	COLOR			
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
AR_Type D	270	82	13	8	12
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	

NOTE: FOR "T" INTERSECTIONS.

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

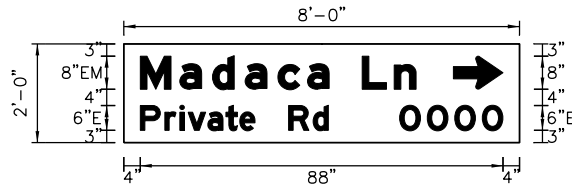
COPY		B	R	U	C	E	B	D	O	W	N	S	L						
SPACE	8	7.2	7.2	7.7	7.7	5	8	5.4	8	7.5	7	8.7	7.2	5.4	8	92			
COPY		0	0	0	0	B	L	V	D	0	0	0	0	L					
SPACE	8	4.9	4.9	4.9	3.5	19.8	4.6	3.5	4.7	3.4	19.8	4.9	4.9	3.5	8	92			
COPY																			
SPACE																			

COPY		G	l	e	n	h	a	v	e	n	L								
SPACE	8	9	4.3	7.9	8.7	7.9	7.8	7.9	7.9	5.3	27.3	66.7							
COPY		D	R	0	0	0	0	L											
SPACE	33.8	6.2	4.9	24	6.2	6.2	6.2	5	9.3	58.9									
COPY																			
SPACE																			

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SIGN NAME	SIGN 1	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	8'-0"	WIDTH	0'		
HEIGHT	2'-0"	RADII	0'		
LEGEND	White	COLOR			
COLOR	Blue				
SYMBOL(S)	ANGLE	X	Y	WID	HT
AR_Type D	270	80	13	8	12
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	

NOTE: FOR STANDARD PRIVATE ROAD STREET NAME SIGNS WHERE THE 8" EM AND THE 6" E SIZES LETTERING DOES NOT EXCEED 9'.



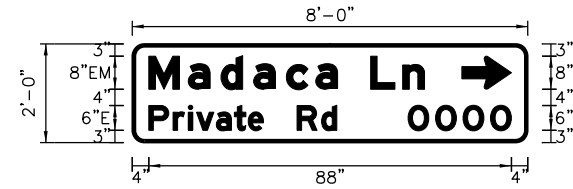
INTERNALLY ILLUMINATED

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY		M	a	d	a	c	a	L	n	L										
SPACE	4	9.6	7.9	7.9	7.9	7.2	5.3	8	7.8	5.3	25.1	66.9								
COPY		P	r	i	v	a	t	e	R	d	0	0	0	0	L					
SPACE	4	5.9	3.7	2	4.8	4.4	3.3	3.7	8.2	5.9	3.7	17.3	6.7	6.7	6.7	5	4	88		
COPY																				
SPACE																				

SIGN NAME	SIGN 2	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	8'-0"	WIDTH	0.75'		
HEIGHT	2'-0"	RADII	3"		
LEGEND	White	COLOR	White		
COLOR	Blue				
SYMBOL(S)	ANGLE	X	Y	WID	HT
AR_Type D	270	80	13	8	12
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	

NOTE: FOR STANDARD PRIVATE ROAD STREET NAME SIGNS WHERE THE 8" EM AND THE 6" E SIZES LETTERING DOES NOT EXCEED 9'.



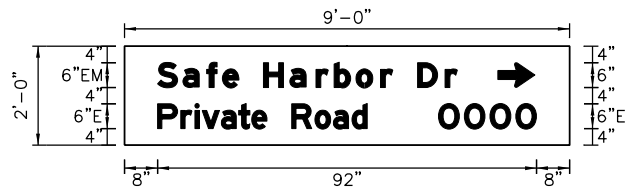
ALUMINUM STATIC

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY		M	a	d	a	c	a	L	n	L										
SPACE	4	9.6	7.9	7.9	7.9	7.2	5.3	8	7.8	5.3	25.1	66.9								
COPY		P	r	i	v	a	t	e	R	d	0	0	0	0	L					
SPACE	4	5.9	3.7	2	4.8	4.4	3.3	3.7	8.2	5.9	3.7	17.3	6.7	6.7	6.7	5	4	88		
COPY																				
SPACE																				

SIGN NAME	SIGN 3	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	9'-0"	WIDTH	0'		
HEIGHT	2'-0"	RADII	0'		
LEGEND	White	COLOR			
COLOR	Blue				
SYMBOL(S)	ANGLE	X	Y	WID	HT
AR_Type D	270	90.6	14	6	9
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	

NOTE: FOR LONG STREET NAMES USE 6" EM FOR STREET NAMES AND 6" E FOR BLOCK NUMBERS AND PRIVATE ROAD TO FIT WITHIN THE 9' WIDTH MAXIMUM.



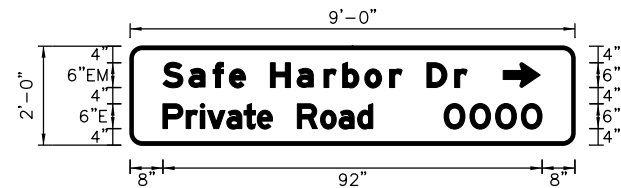
INTERNALLY ILLUMINATED

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY		S	a	f	e	H	a	r	b	o	r	D	r	L						
SPACE	8	6.2	5.8	3.8	4	6	6.4	6.4	4.4	5.3	5.9	3	6	6.7	3	27.2	72.8			
COPY		P	r	i	v	a	t	e	R	o	a	d	0	0	0	0	L			
SPACE	8	5.6	3.4	1.7	4.7	4.2	3.2	3.7	6	5.6	4.5	4.5	3.7	17.3	6.2	6.2	6.2	5	8	92
COPY																				
SPACE																				

SIGN NAME	SIGN 4	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	9'-0"	WIDTH	0.75'		
HEIGHT	2'-0"	RADII	3"		
LEGEND	White	COLOR	White		
COLOR	Blue				
SYMBOL(S)	ANGLE	X	Y	WID	HT
AR_Type D	270	90.6	14	6	9
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	

NOTE: FOR LONG STREET NAMES USE 6" EM FOR STREET NAMES AND 6" E FOR BLOCK NUMBERS AND PRIVATE ROAD TO FIT WITHIN THE 9' WIDTH MAXIMUM.



ALUMINUM STATIC

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY		S	a	f	e	H	a	r	b	o	r	D	r	L						
SPACE	8	6.3	5.9	3.9	4	6	6.5	6.5	4.5	5.4	6.1	3	6	6.8	3	26.2	73.8			
COPY		P	r	i	v	a	t	e	R	o	a	d	0	0	0	0	L			
SPACE	8	5.6	3.4	1.7	4.7	4.2	3.2	3.7	6	5.6	4.5	4.5	3.7	17.3	6.2	6.2	6.2	5	8	92
COPY																				
SPACE																				

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