



ENGINEERING & OPERATIONS

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TRANSPORTATION TECHNICAL MANUAL BULLETIN 22-05

TRANSPORTATION DESIGN BULLETIN 22-09

DATE: October 17, 2022

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 establishes Hillsborough County sign panel details for the Overhead Street Name Signs.

REQUIREMENTS

Hillsborough County requires all internally illuminated and aluminum static Overhead Street Name Signs installed within the County to follow the standard street name sign panel work sheet details provided in Index OSN-001, attached as Pages 3 to 5.

Block numbers and the street names must be coordinated in advance with the County’s Street Names and Addresses Department at addressing@hillsboroughcounty.org. Block numbers and street names must be verified for accuracy.

The current Florida Department of Transportation (FDOT) Traffic Engineering Manual (TEM) section 2.2 and the FDOT Design Manual (FDM) section 230.2.10 provide additional guidance about the format and placement of the street name and block numbers on Overhead Street Name Signs including the required lettering type and maximum sign sizes.

Additional guidance is also provided for private road signage in Index OSN-001. These signs have a blue background color and need to state: “Private Road”.

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BACKGROUND

In the past, there has not been a consistent Overhead Street Name Signs standard layout. As a result, the design sign panels have different designs throughout the County. This design bulletin is issued to provide uniformity with Overhead Street Name Signs panels.

IMPLEMENTATION

Effective Immediately on all County Capital Improvement Program (CIP) projects for which the 90% Phase submittal has not yet been completed and all Subdivisions and Site Development Projects.

CONTACT

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

[PW-Standards Inquiry](#)

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	White		
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	SPACE	S	t	a	r	w	o	o	d	A	v	e	L									
	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	SPACE	B	l	o	o	m	i	n	g	d	a	l	e	S	q	u	a	r	e	L		
	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																					
COPY	SPACE																					
COPY	SPACE																					
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	White		
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	SPACE	B	e	l	l	S	h	o	a	l	s	L			
	9	8	7.8	4.8	1.6	8	9	7.8	7.2	8.5	3.9	5.3	9	72	
COPY	SPACE	0	0	0	0	R	D	0	0	0	0	L			
	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														
COPY	SPACE														
COPY	SPACE														
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	White		
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	White		
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.

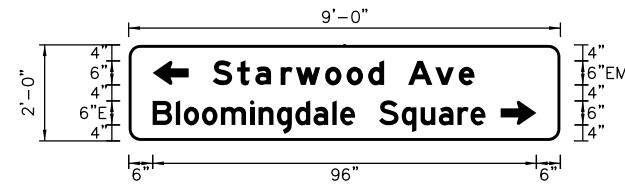
NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

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

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SIGN NAME	SIGN 1	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	9'-0"	WIDTH	0.75"		
HEIGHT	2'-0"	RADII	3"		
LEGEND	White	COLOR	White		
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.

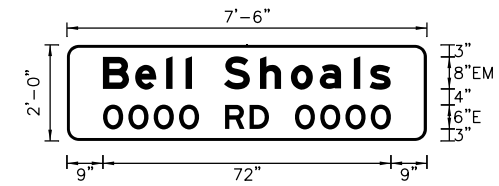


NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	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	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																							
COPY	SPACE																							
COPY	SPACE																							
COPY	SPACE																							

SIGN NAME	SIGN 2	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	7'-6"	WIDTH	0.75"		
HEIGHT	2'-0"	RADII	3"		
LEGEND	White	COLOR	White		
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'.

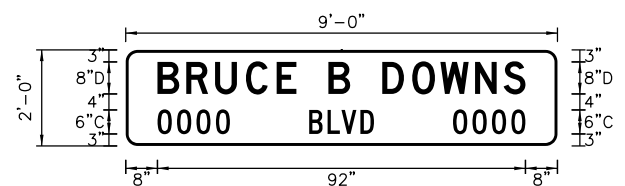


NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	SPACE	9	8	7.8	4.8	1.6	8	9	7.8	7.2	8.5	3.9	5.3	9	72	
COPY	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															
COPY	SPACE															
COPY	SPACE															
COPY	SPACE															

SIGN NAME	SIGN 3	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	9'-0"	WIDTH	0.75"		
HEIGHT	2'-0"	RADII	3"		
LEGEND	White	COLOR	White		
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.

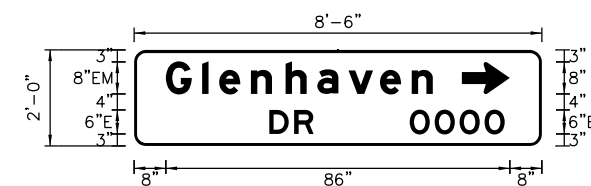


NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	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	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	4.9	3.5	8	92
COPY	SPACE																	
COPY	SPACE																	
COPY	SPACE																	
COPY	SPACE																	

SIGN NAME	SIGN 4	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	8'-6"	WIDTH	0.75"		
HEIGHT	2'-0"	RADII	3"		
LEGEND	White	COLOR	White		
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.



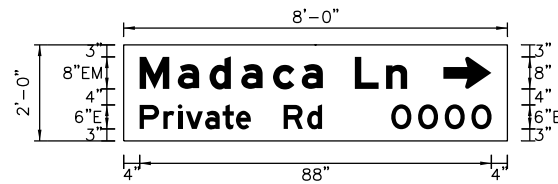
NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	SPACE	8	9	4.3	7.9	8.7	7.9	7.8	7.9	7.9	5.3	27.3	66.7
COPY	SPACE	33.8	6.2	4.9	24	6.2	6.2	6.2	5	9.3	58.9		
COPY	SPACE												
COPY	SPACE												
COPY	SPACE												
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	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'.



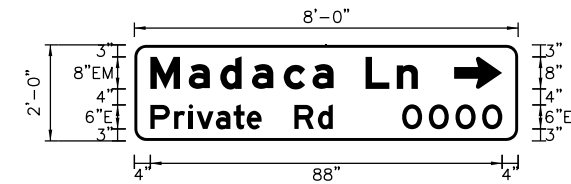
INTERNALLY ILLUMINATED

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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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	5	4	88			

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'.



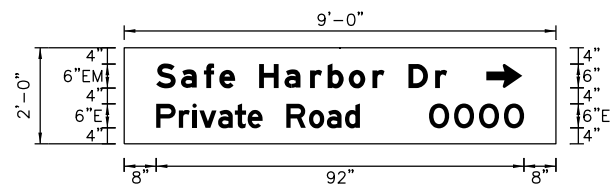
ALUMINUM STATIC

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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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	5	4	88			

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	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.



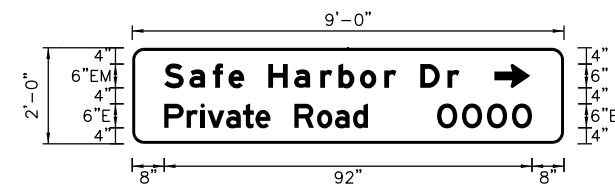
INTERNALLY ILLUMINATED

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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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

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
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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

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