

# ORIGINATION FORM

Proposed Revisions to a Standard Plans Index  
(Please provide all information – Incomplete forms will be returned)

## Contact Information:

Date: July 27, 2017  
Originator: **Derwood Sheppard**  
Phone: (850) 414-4334  
Email: Derwood.Sheppard@dot.state.fl

## Standard Plans:

Index Number: **17302**  
Sheet Number (s): 1 of 1  
Index Title: Typical Sections For Placement Of Single &  
Multi-Column Signs



## Summary of the changes:

Sheet 1: Updated Notes and Sheet layout; Added Callout and updated the note for CASE II; Added CASE X, Wrong Way Signs.

## Commentary / Background:

### Other Affected Offices / Documents: (Provide name of responsible personnel)

- | Yes                      | No                       |                             |
|--------------------------|--------------------------|-----------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Other Standard Plans –      |
| <input type="checkbox"/> | <input type="checkbox"/> | FDOT Design Manual –        |
| <input type="checkbox"/> | <input type="checkbox"/> | Basis of Estimates Manual – |
| <input type="checkbox"/> | <input type="checkbox"/> | Standard Specifications –   |
| <input type="checkbox"/> | <input type="checkbox"/> | Approved Product List –     |
| <input type="checkbox"/> | <input type="checkbox"/> | Construction –              |
| <input type="checkbox"/> | <input type="checkbox"/> | Maintenance –               |

### Origination Package Includes: (Email or hand deliver package to Derwood Sheppard)

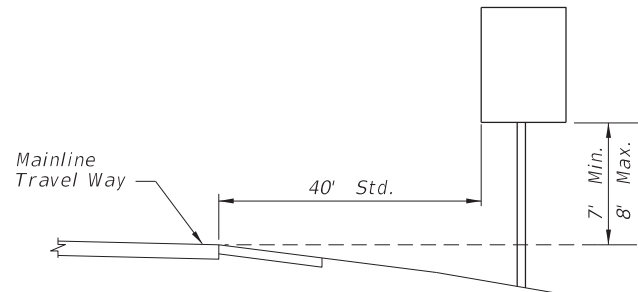
- | Yes                      | N/A                                 |   |
|--------------------------|-------------------------------------|---|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Redline Mark-ups                          |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Proposed Standard Plan Instructions (SPI) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Revised SPI                               |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Other Support Documents                   |

## Implementation:

- Design Bulletin (Interim)    DCE Memo    Program Mgmt. Bulletin    FY-Standard Plans (Next Release)

Contact the Roadway Design Office for assistance in completing this form

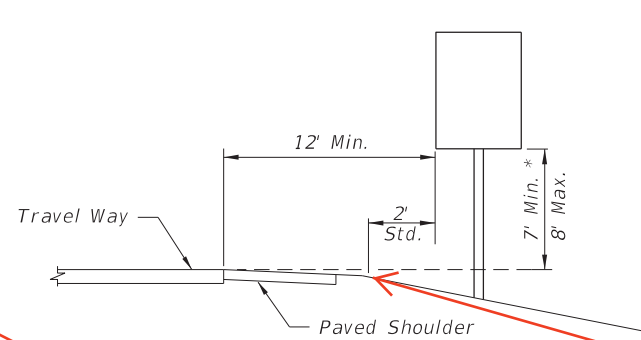
CASE I  
For Use On Freeway And Expressway Systems For Signs On Mainline.



**CHANGED TO:  
Lateral Offset**

For Median Installation:  
If Median Width Does Not Allow Std. Offset  
From Both Roadways, Center Sign In Median.

CASE II  
For Use In All Rural Roads And On Freeway And Expressway Ramps.

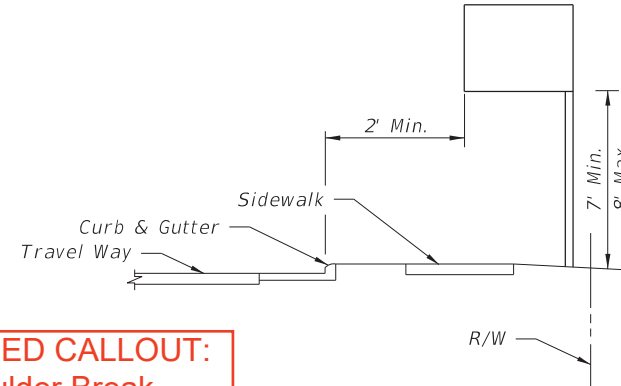


**ADDED CALLOUT:  
Shoulder Break**

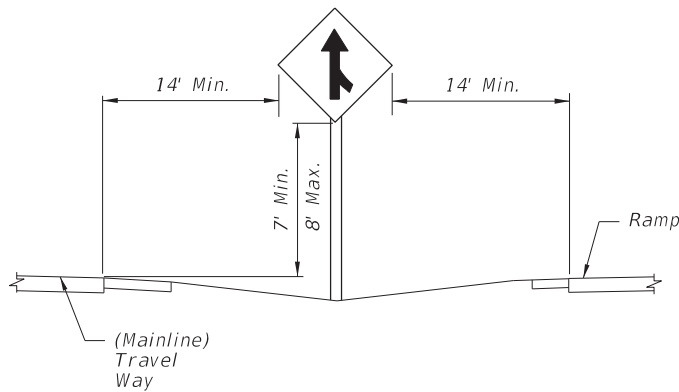
14' Horizontal Clearance Standard On All Freeway And Expressway Ramps.  
\* 4' For Wrong Way Signs On Interstate Exit Ramps

Use CASE II Format

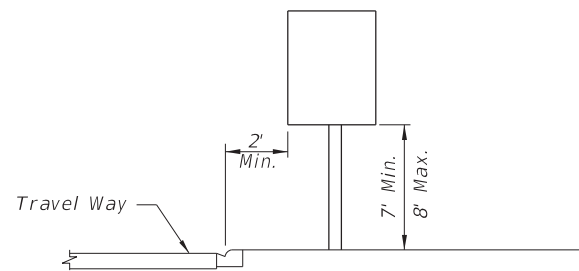
CASE III  
For Use On All Roads With Signs Mounted Behind Sidewalk.



CASE IV (MERGE SIGN)  
For Use On All Rural, Freeway And Expressway Systems.

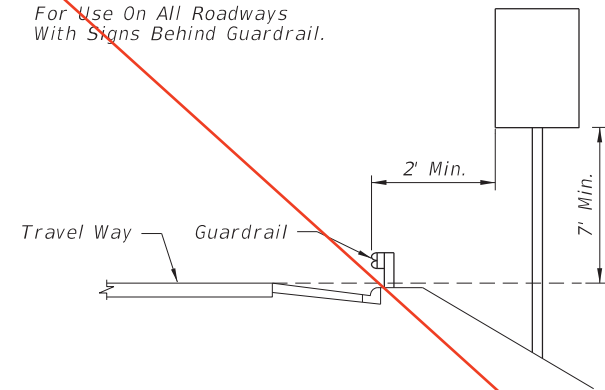


CASE V  
For Use In Business Or Residential Areas Only.

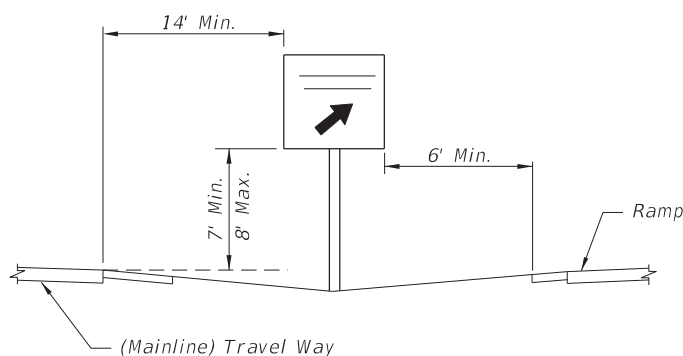


CLEANED UP DRAWING AND NOTES

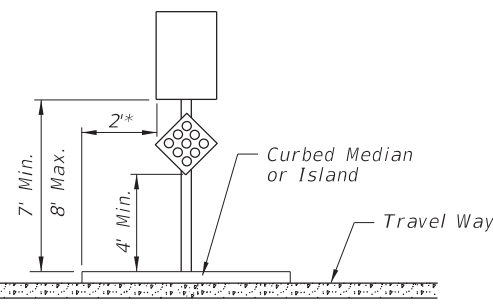
CASE VI  
For Use On All Roadways With Signs Behind Guardrail.



CASE VII (REST AREA & EXIT GORE SIGNS)  
For Use On All Freeway And Expressway Systems

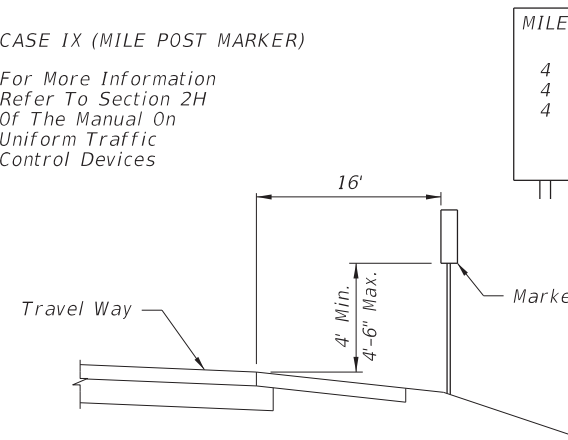


CASE VIII  
Sign On Island or Curbed Median



\* For Separators < 6', Center The Sign Within The Separator.  
Center Sign Column On Island

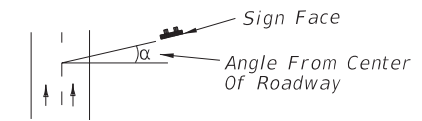
CASE IX (MILE POST MARKER)  
For More Information Refer To Section 2H Of The Manual On Uniform Traffic Control Devices



**CLEANED UP DRAWING AND NOTES**

GENERAL NOTES:

- The typical sections shown hereon serve as a guide for locating the traffic signs required under various roadside conditions. For size and details of sign construction and footing, refer to the appropriate standard index drawing for roadside sign.
- It shall be the CONTRACTORS responsibility to verify the length of sign supports in the field prior to fabrication.
- Ground signs shall be installed at an angle of 1 to 4 degrees away from the traffic flow (see illustration). Shoulder mounted signs shall be rotated counterclockwise and median mounted signs rotated clockwise. Signs on curves shall be mounted as noted above from the perpendicular to the motorist line of sight.



- The setback for stop and yield signs may be reduced to 3' minimum from the driving lane if required for visibility in business or residential sections with no curb and speeds of 30 MPH or less.
- The mounting heights are measured from the bottom of the sign panel to a horizontal line extended from the edge of the driving lane. If the standard heights cannot be met, the minimum heights are as follows:

Expressway & Freeway Systems	7'
Other Roadway Systems	7'
Rural	5'
Urban (including residential with parking and /or pedestrian activity)	7'

If a secondary sign is mounted below the major sign, the major sign shall be at least 8' and the secondary sign at least 5' for expressway & freeway systems and for other systems the height to the secondary sign shall be at least 5' for rural and 7' for urban sections.

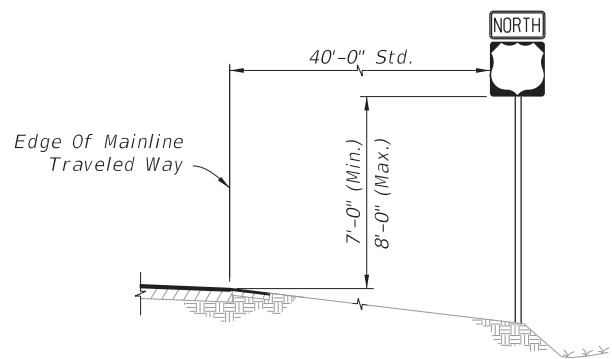
- Sign supports should never be placed in the bottom of ditches where erosion might affect the proper operation of the breakaway feature.
- Sign supports shall not reduce the accessible route /continuous passage to less than 4' min. clear width as required by the Americans with Disabilities Act (ADA) Accessibility Guidelines.

**ADDED: CASE X  
Wrong Way Signs**

**Use On Interstate  
Exit Ramps**

10/14/2016 8:23:24 AM

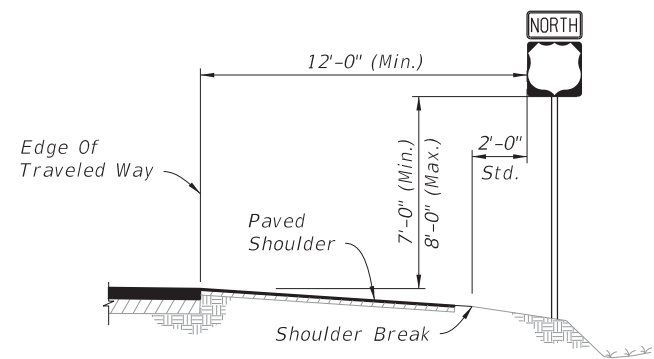
LAST REVISION	DESCRIPTION
11/01/16	
	<b>CHANGED TO: 11/01/17</b>



**NOTE:**  
If median width does not allow standard offset from both roadway, center sign in median.

**CASE I**

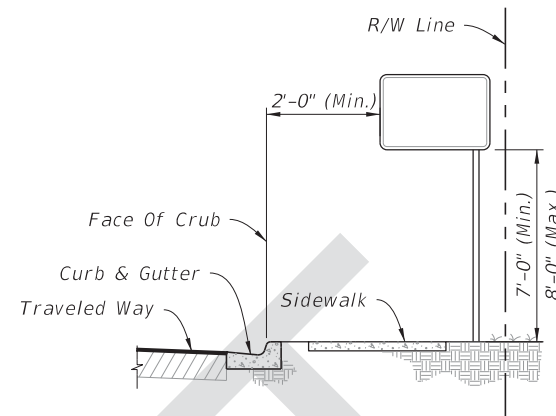
Use On Mainline Freeways And Express Way Systems



**NOTE:**  
14'-0" Lateral Offset on all freeway and expressway ramps.

**CASE II**

Use In All Rural Roads, Freeways And Expressway Ramps

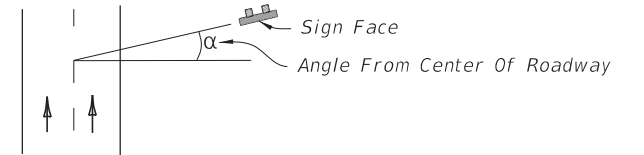


**CASE III**

Use On All Roads With Signs Mounted Behind Sidewalk

**GENERAL NOTES:**

1. Single-Column Signs Shown, Multi-Column Signs similar. These typical sections serve as a guide for locating the traffic signs required under various roadside conditions. For size and details of sign construction and footing, refer to the appropriate Index and Plans.
2. Verify the length of sign supports in the field prior to fabrication.
3. Install ground signs at an angle of 1 to 4 degrees away from the traffic flow (see illustration). Install shoulder mounted signs rotated counterclockwise and median mounted signs rotated clockwise. Install signs on a curve as noted above from the perpendicular to the motorist line of sight.



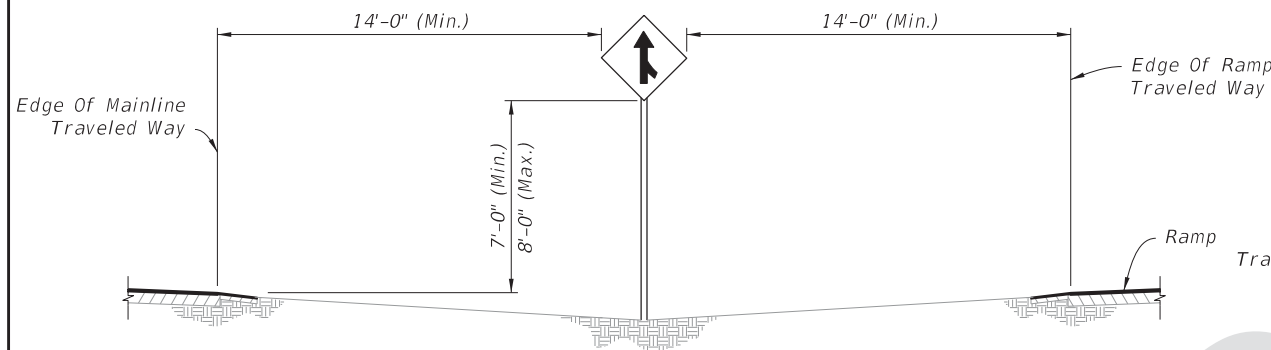
4. The setback for Stop and Yield signs may be reduced to 3' minimum from the Edge of Traveled Way if required for visibility in business or residential sections with no curb and speeds of 30 MPH or less.
5. The mounting heights are measured from the bottom of the sign panel to a horizontal line extended from the Edge of Traveled Way or from the ground surface at the back of curb. If the standard heights cannot be met, the minimum heights are as follows:

- 7' - Expressway & Freeway Systems Other Roadway Systems
- 5' - Rural
- 7' - Urban (including residential with parking and/or pedestrian activity)

**Expressway and Freeway Systems:**  
If a secondary sign is mounted below the major sign, mount the major sign so that the bottom of the sign is at least 8' above the edge of the traveled way and the secondary sign at least 5' above the edge of the traveled way.

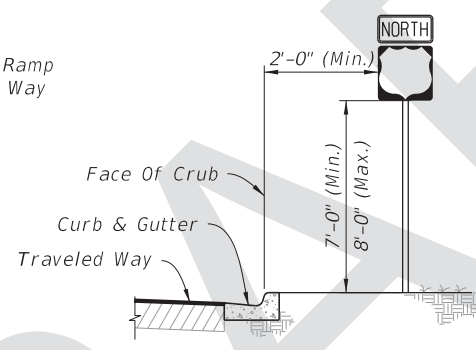
**Other Systems:**  
Rural, mount the secondary sign at least 5' above the edge of the traveled way.  
Urban, mount the secondary sign at least 7' above the edge of the traveled way.

6. Do not install sign supports in the bottom of ditches.
7. Install sign supports so they do not reduce the accessible width of Sidewalks or Shared Use Paths to less than 4' min. clear width.



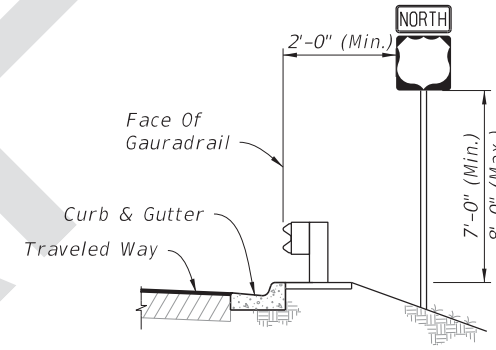
**CASE IV**

Use On All Rural, Freeway And Express Systems



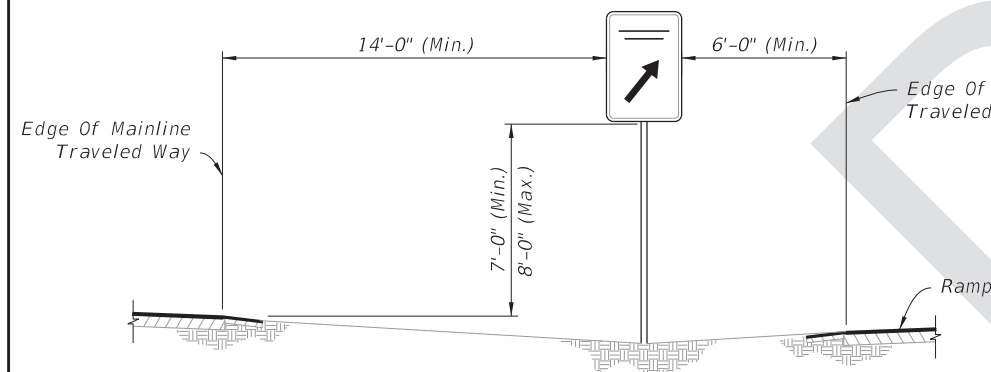
**CASE V**

Use In Business Or Residential Areas Only



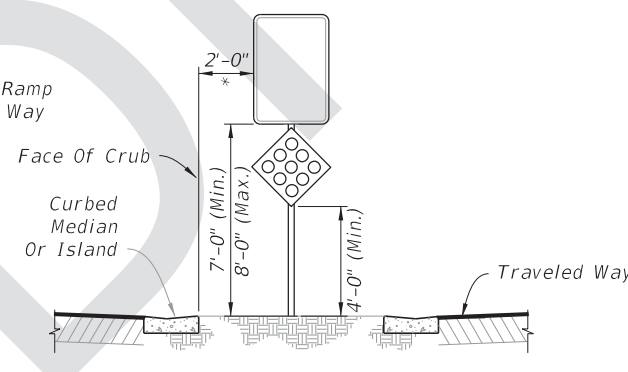
**CASE VI**

Use On All Roadway With Signs Behind Guardrail.



**CASE VII**

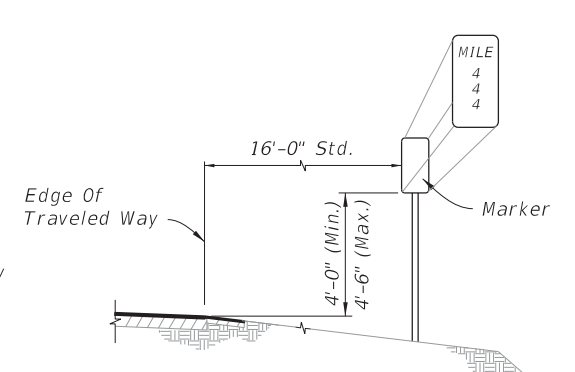
REST AREA AND EXIT GORE SIGNS  
Use On All Rural, Freeway And Express Systems



**CASE VIII**

Use On Island Or Curbed Median

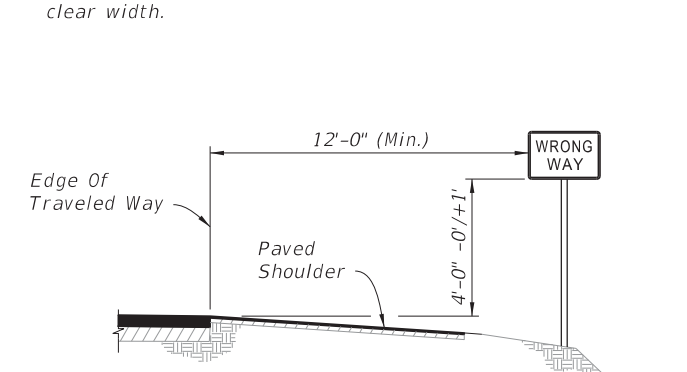
\* For separators <6'-0", center the sign within the separator, center sign column on island



**CASE IX**

MILE POST MARKER  
Use In All Interstate Rural Roads, Freeways And Expressway Systems


**NOTE:**  
For more information refer to Section 2H of the MUTCD.



**CASE X**

WRONG WAY SIGNS  
Use on Interstate Exit Ramps

8/22/2017 6:49:14 AM

LAST REVISION 11/01/17	DESCRIPTION:	 FY 2018-19 STANDARD PLANS	<b>TYPICAL SECTIONS FOR PLACEMENT OF SINGLE &amp; MULTI-COLUMN SIGN</b>	INDEX 700-101	SHEET 1 of 1
---------------------------	--------------	---	---	------------------	-----------------