
ORINATION FORM

Proposed Revisions to a Standard Plans Index

(Please provide all information — Incomplete forms will be returned)

Contact Information:

Date: April 17, 2023

Originator: Rick Jenkins

Phone: (850) 414-4355

Email: Rick.Jenkins@dot.state.fl.us

Standard Plans:

Index Number: 700-101

Sheet Number (s): 1

Index Title:

Typical Sections for Placement of Single and Multi-Column Signs

**Summary of the changes:**

Add retroreflective strip to static WWD sign column, Case X

Commentary / Background:

FDM 230.4 states to place retroreflective strip on static WWD sign column. The MUTCD Section 2A-21 "it shall be placed for the full length of the support from the sign to within 2 feet above the edge of the roadway..." An update to Standard Specification 700 is required to clarify the use of the retroreflective strip.

Other Affected Offices / Documents: (Provide name of person contacted)

- | Yes | No | |
|-------------------------------------|-------------------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Other Standard Plans – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | FDOT Design Manual – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Basis of Estimates Manual – |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Standard Specifications – Spec 700 (Daniel Strickland) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Approved Product List – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Construction – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Maintenance – |

Origination Package Includes: (Submit package to Rick Jenkins)

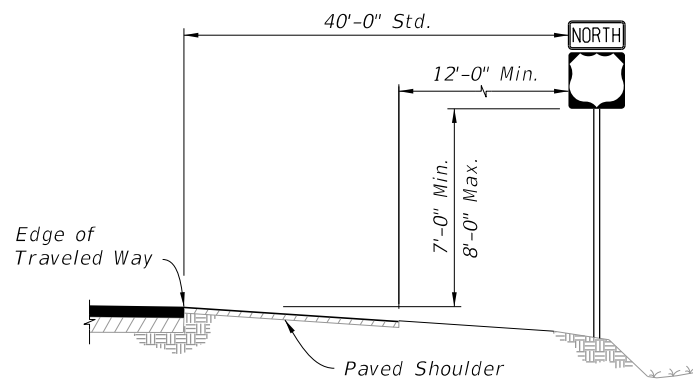
- | Yes | N/A | |
|-------------------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Redline Mark-ups |
| <input type="checkbox"/> | <input type="checkbox"/> | Revised or Proposed Standard Plan Instruction (SPI) |
| <input type="checkbox"/>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

Implementation:

- | | |
|-------------------------------------|----------------------------------|
| <input type="checkbox"/> | Design Bulletin (Interim) |
| <input type="checkbox"/> | DCE Memo |
| <input type="checkbox"/> | Program Mgmt. Bulletin |
| <input checked="" type="checkbox"/> | FY-Standard Plans (Next Release) |

Contact the Roadway Design Office for assistance in completing this form

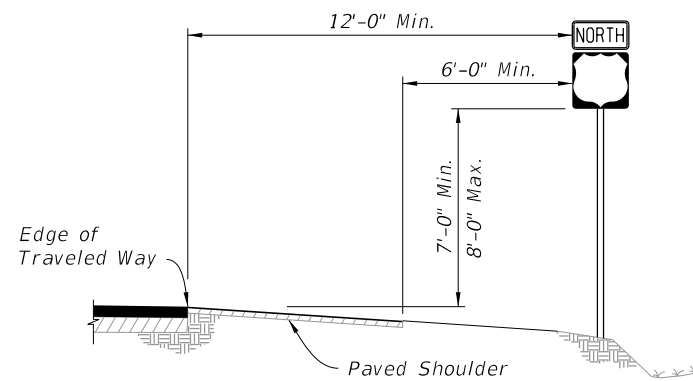
Email to: Rick Jenkins rick.jenkins@dot.state.fl.us and Darren Martin darren.martin@dot.state.fl.us



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

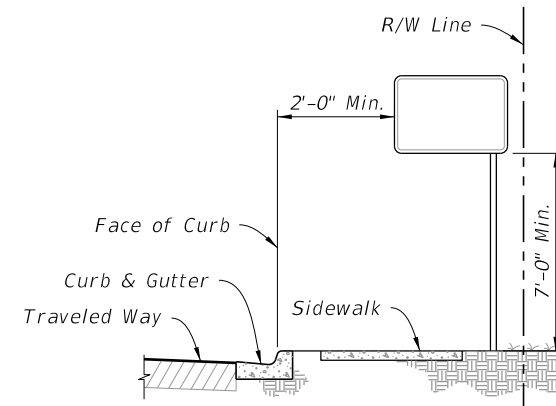
CASE I

Use on Limited Access Roadways



CASE II

Use on Arterial and Collector Roadways, and Limited Access Ramps

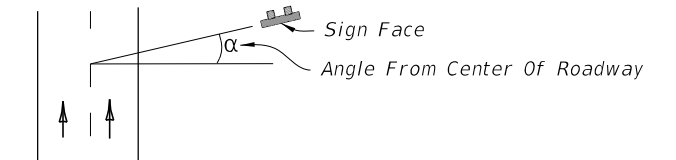


CASE III

Use on Arterial and Collector Roadways

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:

Limited Access Roadways - 7'

Arterial and Collector Roadways:

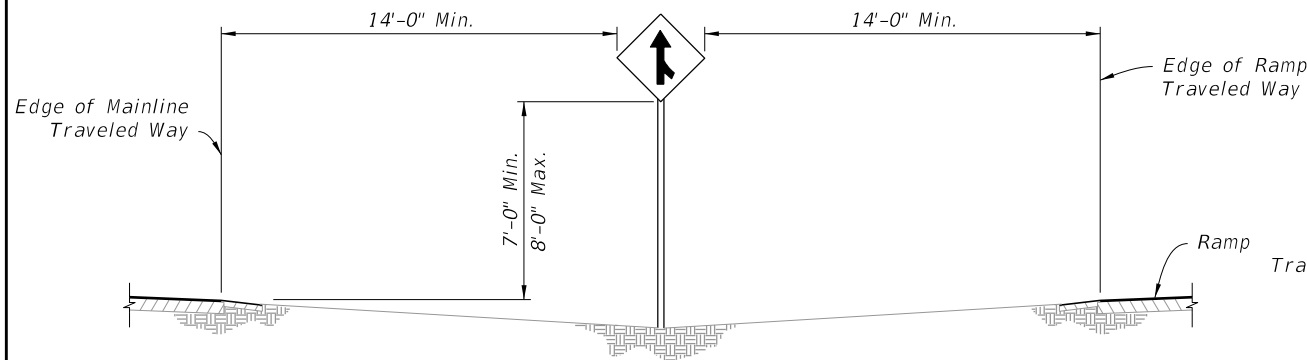
- 5' - Rural
- 7' - Urban (including residential with parking and/or pedestrian activity)

Limited Access Roadways:

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.

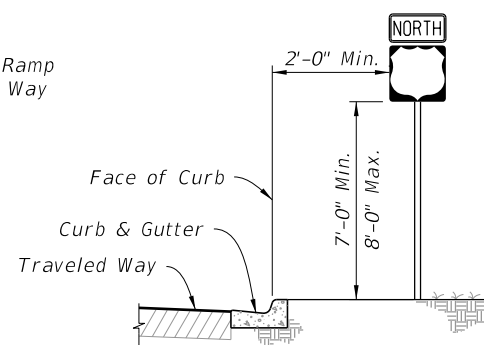
Arterial and Collector Roadways:

- 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.



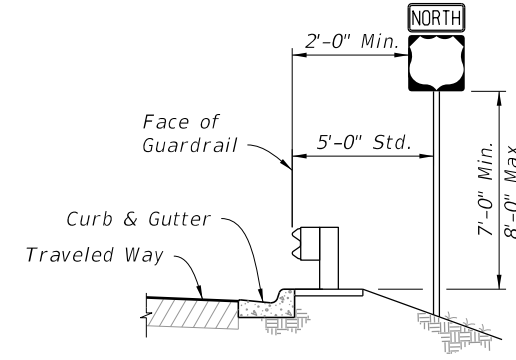
CASE IV

Use on Limited Access Roadways



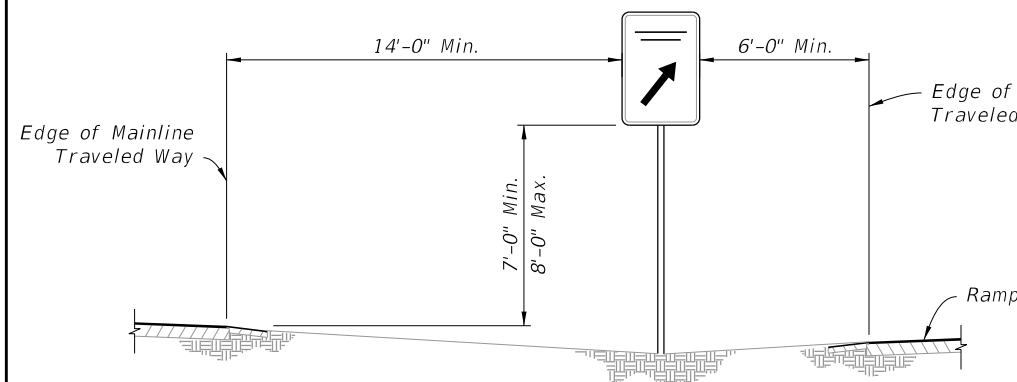
CASE V

Use in Business or Residential Areas Only



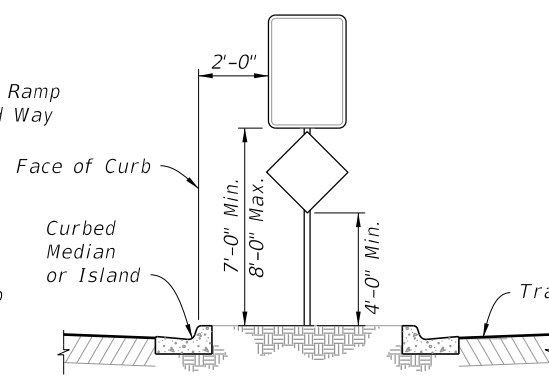
CASE VI

Use on Roadways With Signs Behind Guardrail



CASE VII

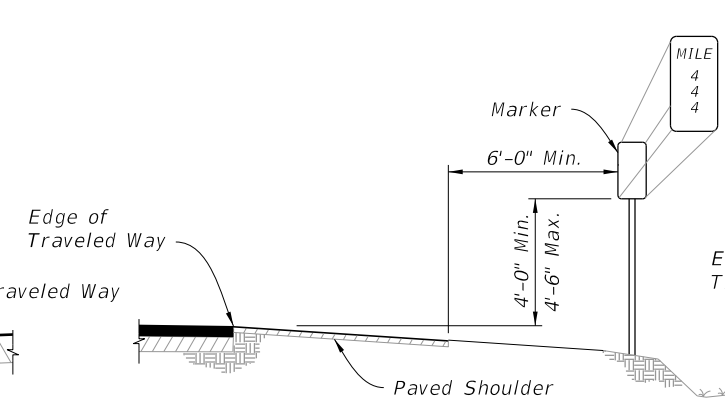
REST AREA AND EXIT GORE SIGNS
Use on Limited Access Roadways



CASE VIII

Use on Island or Curbed Median

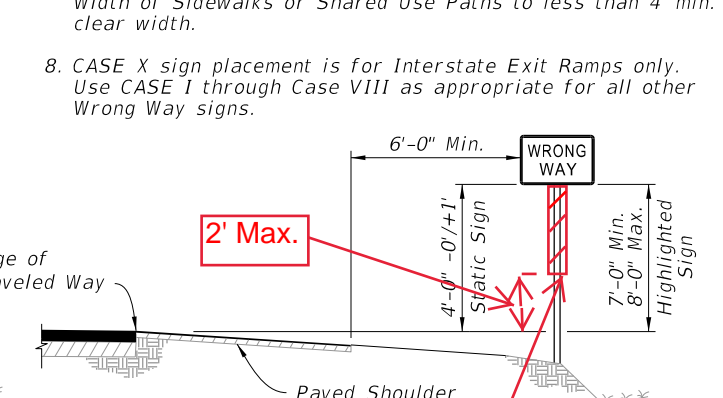
- NOTES:**
1. For separators <6'-0", center the sign within the separator, center sign column on island.
 2. Offset 6'-0" Std. (2'-0" Min.) from Median or Island Nose.



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

CASE IX

MILE POST MARKER
Use on Limited Access Roadways

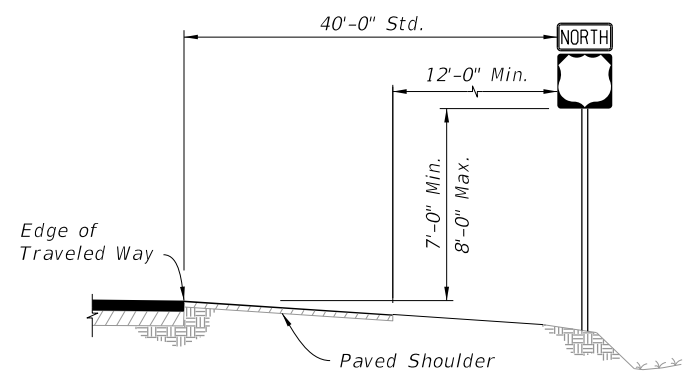


2' Max.

Install Retroreflective Strip in accordance with Specification 700 (Static Signs Only)

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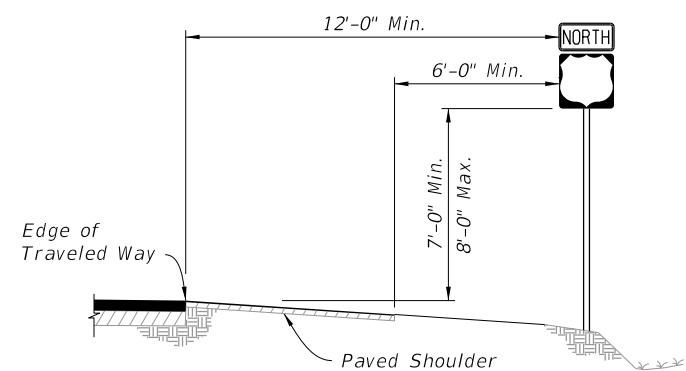
LAST REVISION	DESCRIPTION:
11/01/21	
11/01/23	



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

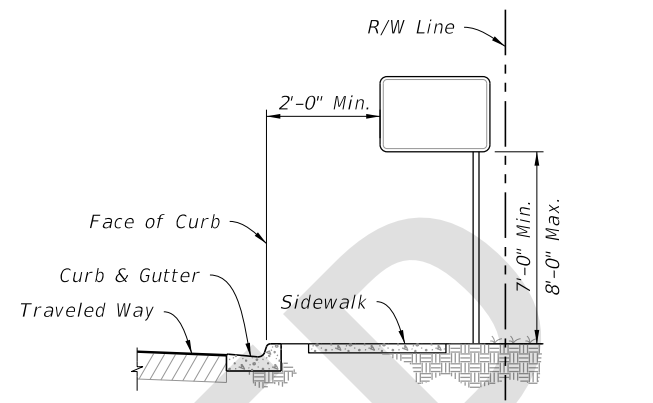
CASE I

Use on Limited Access Roadways



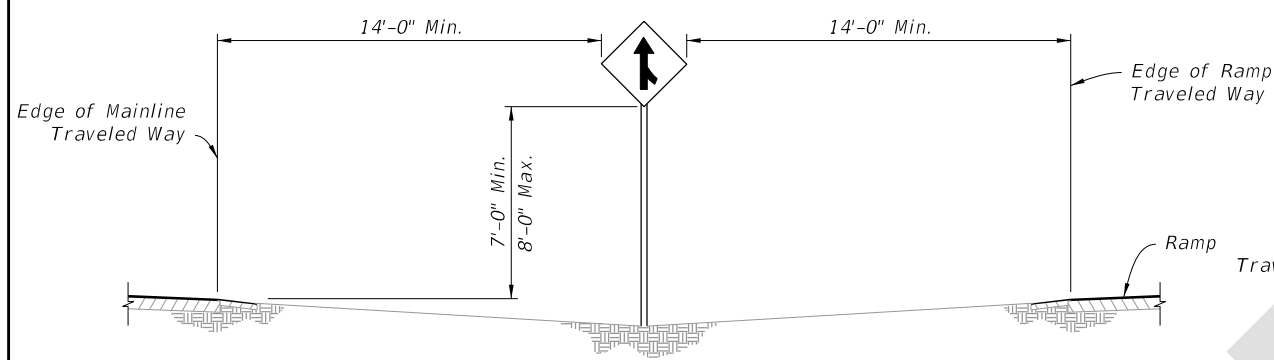
CASE II

Use on Arterial and Collector Roadways, and Limited Access Ramps



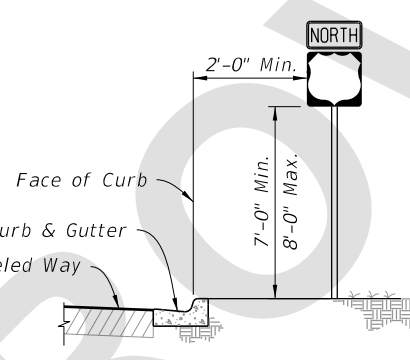
CASE III

Use on Arterial and Collector Roadways



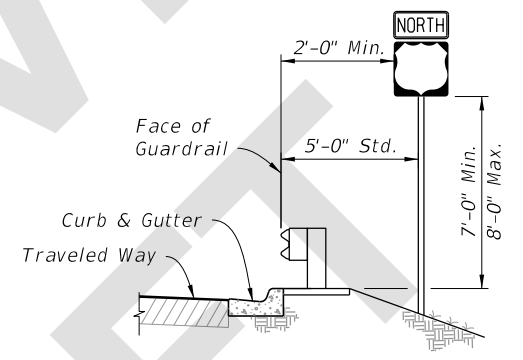
CASE IV

Use on Limited Access Roadways



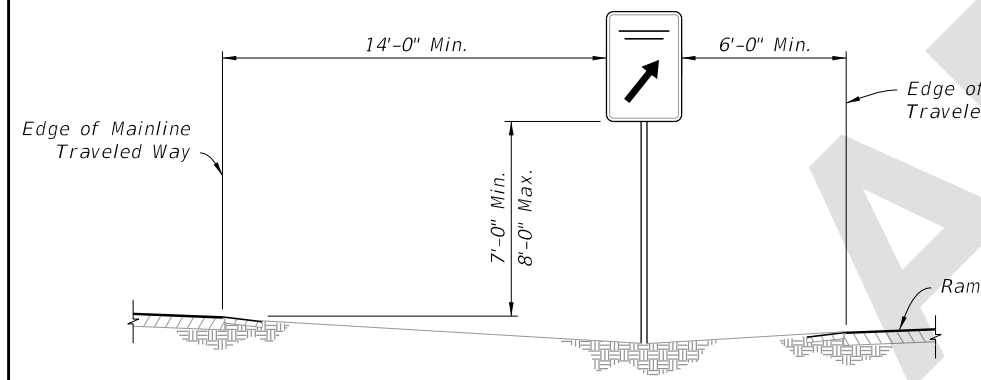
CASE V

Use in Business or Residential Areas Only



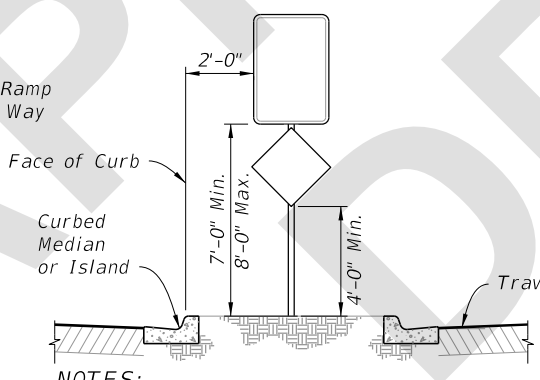
CASE VI

Use on Roadways With Signs Behind Guardrail



CASE VII

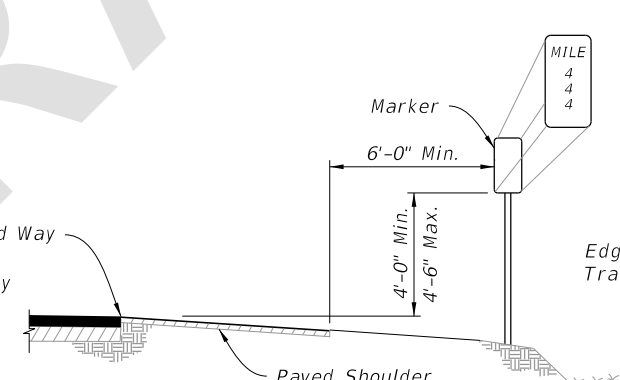
REST AREA AND EXIT GORE SIGNS
Use on Limited Access Roadways



CASE VIII

Use on Island or Curbed Median

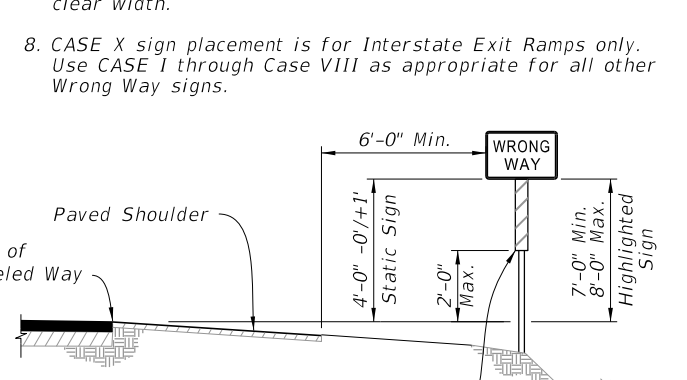
NOTES:
1. For separators <6'-0", center the sign within the separator, center sign column on island.
2. Offset 6'-0" Std. (2'-0" Min.) from Median or Island Nose.



CASE IX

MILE POST MARKER
Use on Limited Access Roadways

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



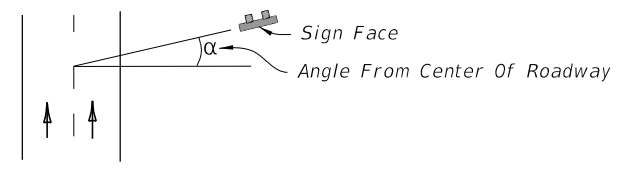
CASE X

WRONG-WAY SIGNS
(See Note 8)

Install Retroreflective Strip in Accordance with Specification 700 (Static Signs Only)

GENERAL NOTES:

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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:
 - Limited Access Roadways - 7'
 - Arterial and Collector Roadways:
 - 5' - Rural
 - 7' - Urban (including residential with parking and/or pedestrian activity)
 - Limited Access Roadways:
 - 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.
 - Arterial and Collector Roadways:
 - 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.
8. CASE X sign placement is for Interstate Exit Ramps only. Use CASE I through Case VIII as appropriate for all other Wrong Way signs.



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