

ORIGINATION FORM

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

Contact Information:

Date: June 18, 2019
Originator: **Ed Cashman**
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Email: edward.cashman@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:

Changed lateral offsets.

Commentary / Background:

Some of the previous lateral offsets are not typically achievable. Aligned lateral offsets to more closely correspond with the MUTCD.

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

- | 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 type="checkbox"/> | <input checked="" type="checkbox"/> | Standard Specifications – |
| <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 – |

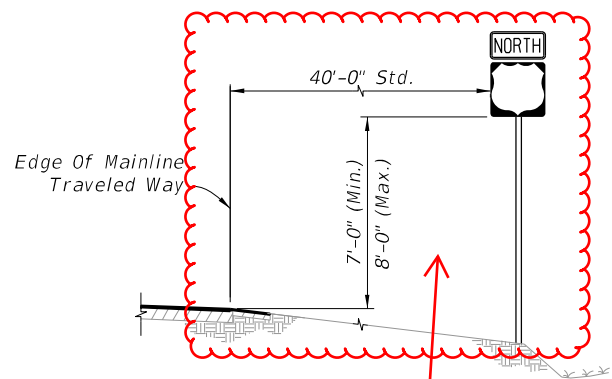
Origination Package Includes: (Email or hand deliver package to Derwood Sheppard)

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

Implementation:

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

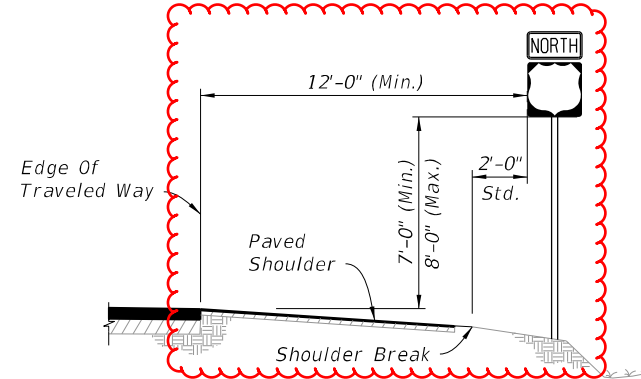
Contact the Roadway Design Office for assistance in completing this form



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

CASE I

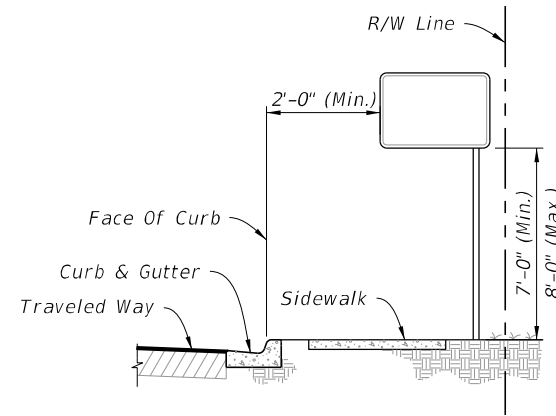
Use On Mainline Freeways And Express Way Systems



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

CASE II

Use In All Rural Roads, Freeways And Expressway Ramps

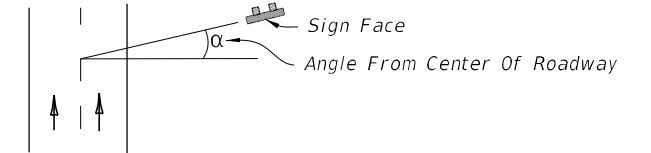


CASE III

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:

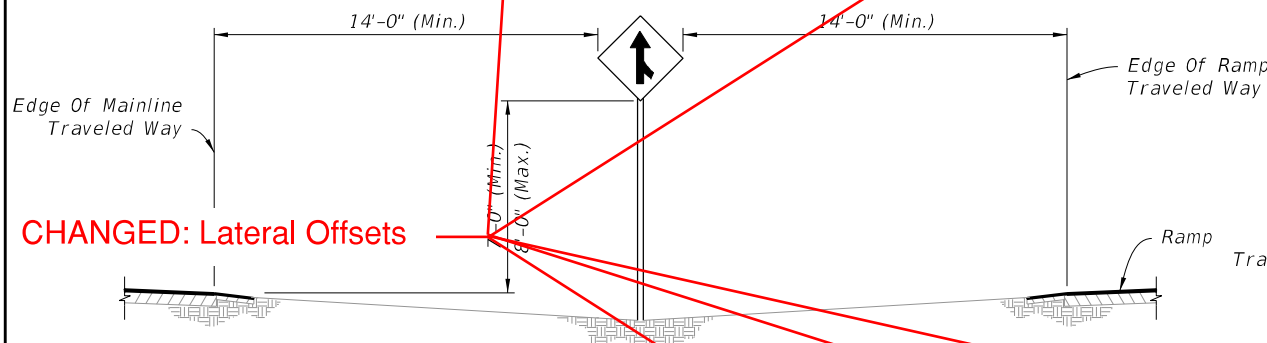
- 7' - Expressway & Freeway Systems Other Roadway Systems
- 5' - Rural
- 7' - Urban (including residential with parking and/or pedestrian activity)

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.

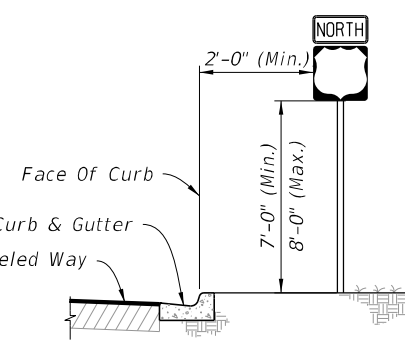
6. Do not install sign supports in the bottom of ditches.

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.



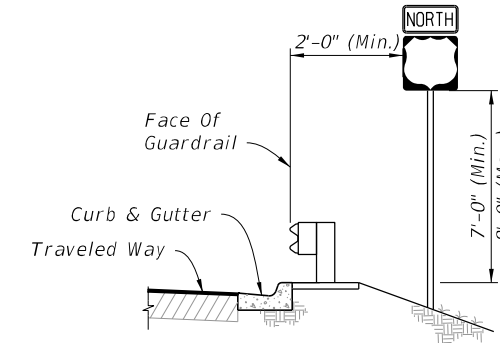
CASE IV

Use On All Rural, Freeway And Express Systems



CASE V

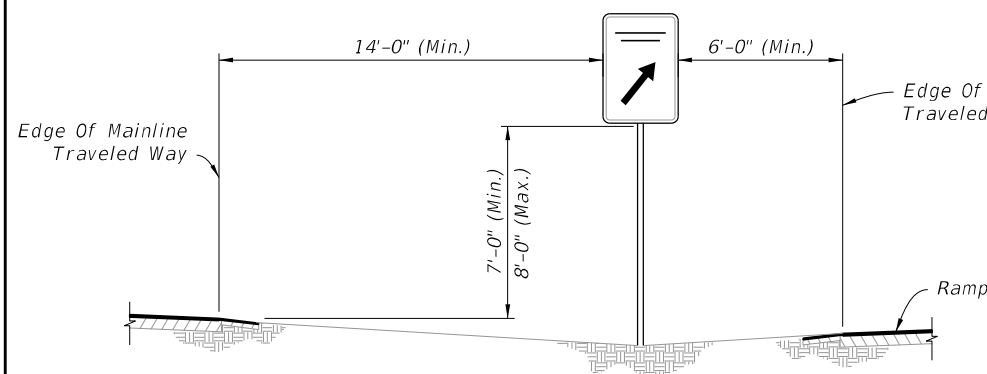
Use In Business Or Residential Areas Only



CASE VI

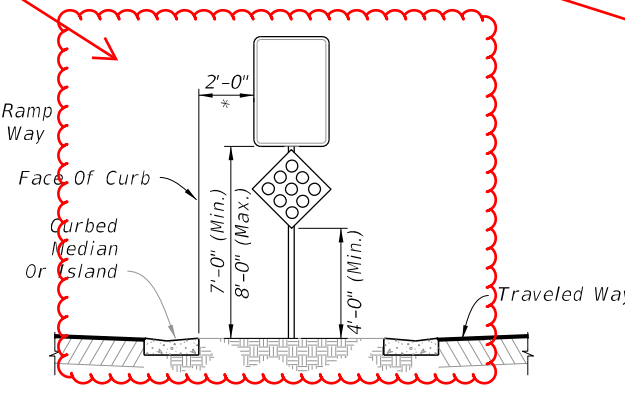
Use On All Roadway With Signs Behind Guardrail.

CHANGED: Lateral Offsets



CASE VII

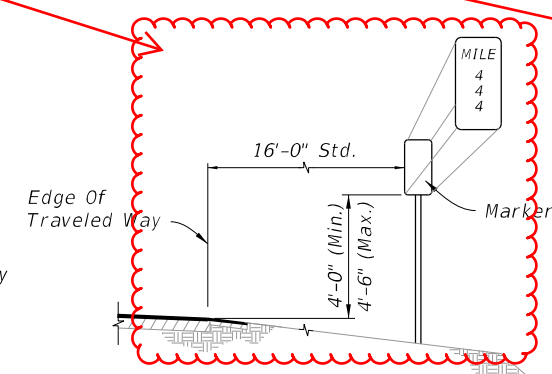
REST AREA AND EXIT GORE SIGNS
Use On All Rural, Freeway And Express Systems



CASE VIII

Use On Island Or Curbed Median

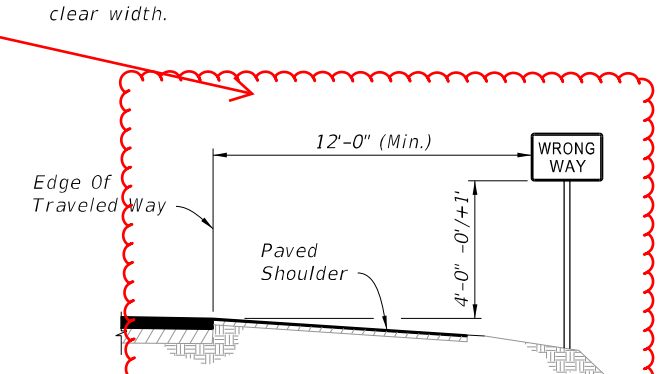
* For separators <6'-0", center the sign within the separator, center sign column on island



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

CASE IX

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



CASE X

WRONG WAY SIGNS
Use on Interstate Exit Ramps

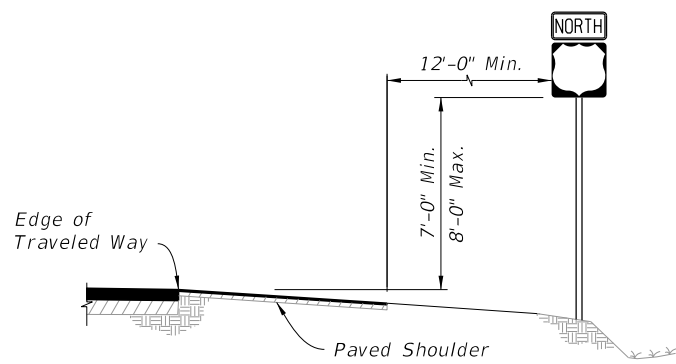
9/19/2018 1:28:19 PM

LAST REVISION	DESCRIPTION:
11/01/17	11/01/19

FDOT
FY 2019-20
STANDARD PLANS

TYPICAL SECTIONS FOR PLACEMENT OF SINGLE AND MULTI-COLUMN SIGNS

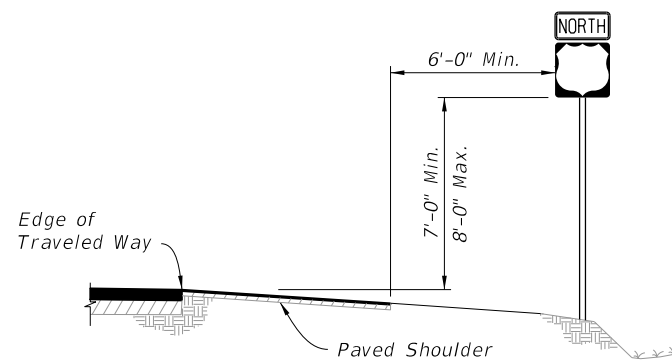
INDEX	SHEET
700-101	1 of 1



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

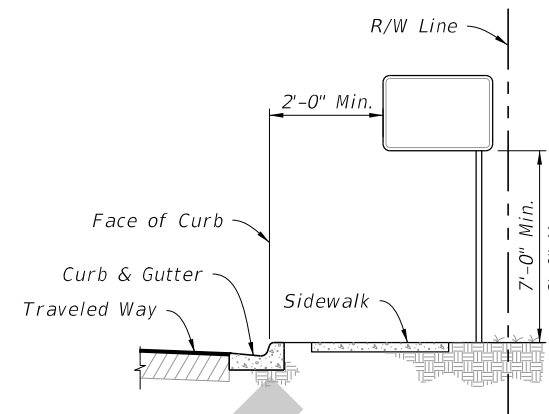
CASE I

Use on Limited Access Roadways



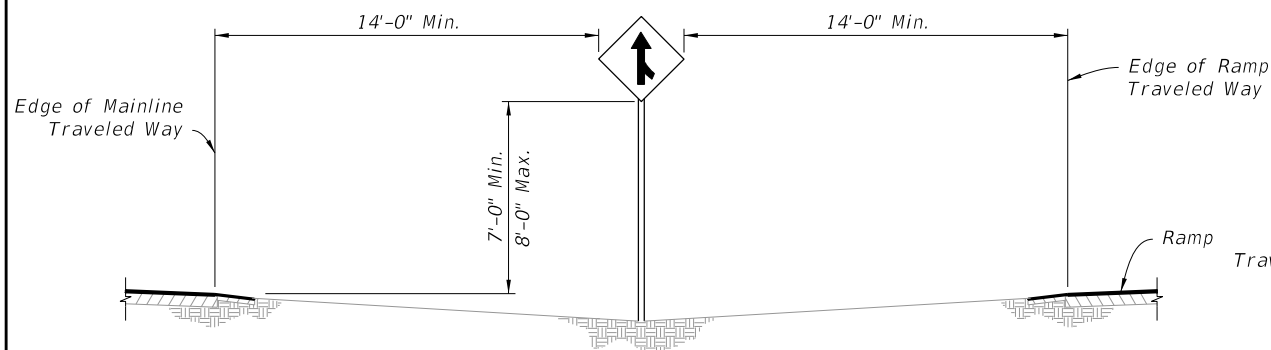
CASE II

Use on Arterial and Collector Roadways, and Limited Access Ramps



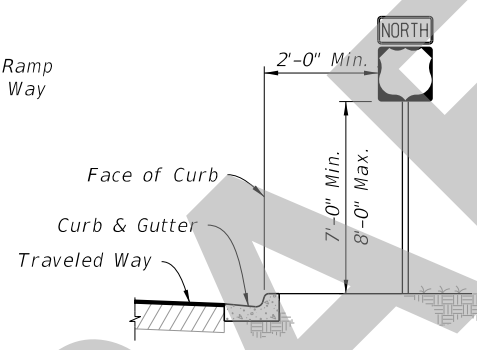
CASE III

Use on Arterial and Collector Roadways



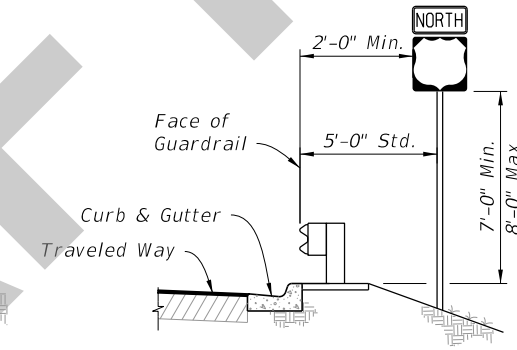
CASE IV

Use on Limited Access Roadways



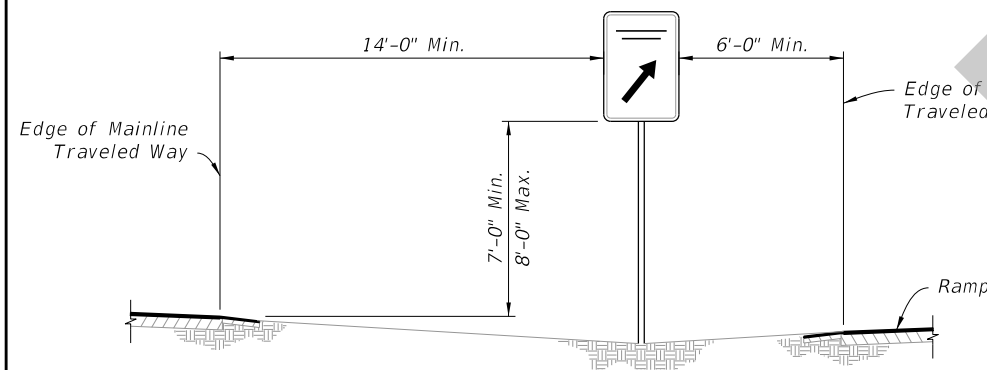
CASE V

Use in Business or Residential Areas Only



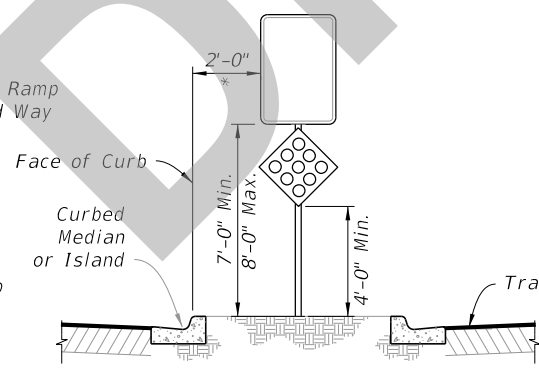
CASE VI

Use on Roadways With Signs Behind Guardrail



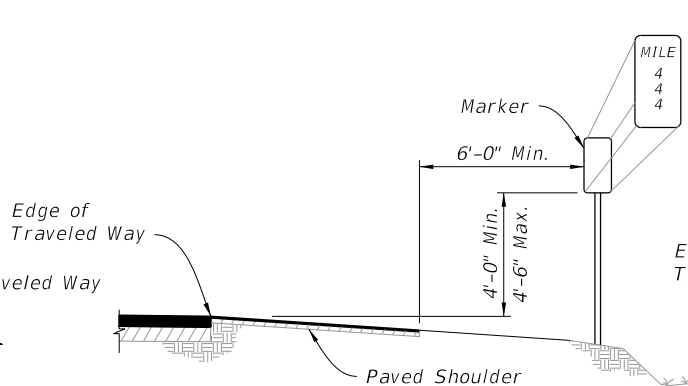
CASE VII

REST AREA AND EXIT GORE SIGNS
Use on Limited Access Roadways



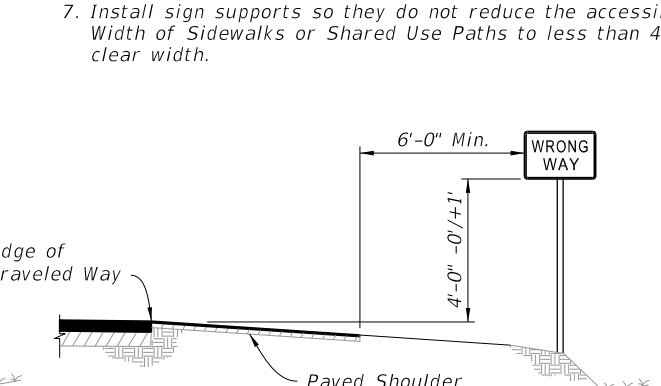
CASE VIII

Use on Island or Curbed Median



CASE IX

MILE POST MARKER
Use on Limited Access Roadways

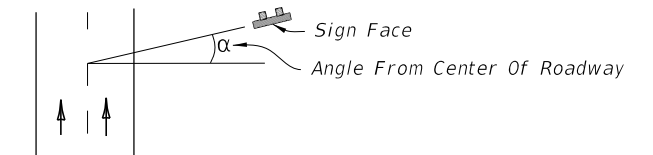


CASE X

WRONG WAY SIGNS
Use on Interstate Exit Ramps

GENERAL NOTES:

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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.

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

8/19/2019 7:33:30 AM

LAST REVISION 11/01/19	REVISION	DESCRIPTION:		FY 2020-21 STANDARD PLANS	TYPICAL SECTIONS FOR PLACEMENT OF SINGLE AND MULTI-COLUMN SIGNS	INDEX 700-101	SHEET 1 of 1
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