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## ORIGINATION FORM

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

**Contact Information:**

Date: July 31, 2020

Originator: Benjamin Gerrell

Phone: (850) 414-4318

Email: benjamin.gerrell@dot.state.fl.us

**Standard Plans:**

Index Number: 000-511

Sheet Number (s): 2 of 2

Index Title: Superelevation Transition - Low Speed Highways

**Summary of the changes:**

Change line letters in figures and table to minimize confusion with section letters. Update table to remove 50 mph option.

**Commentary / Background:**

Update Table to remove 50mph as an option since this Index is for low speed and low speed is defined by both AASHTO and FDM as 45mph or less.

**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 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 Rick Jenkins)

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

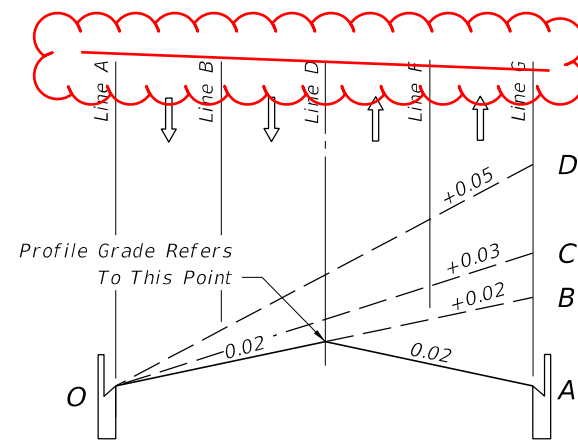
**Implementation:**

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

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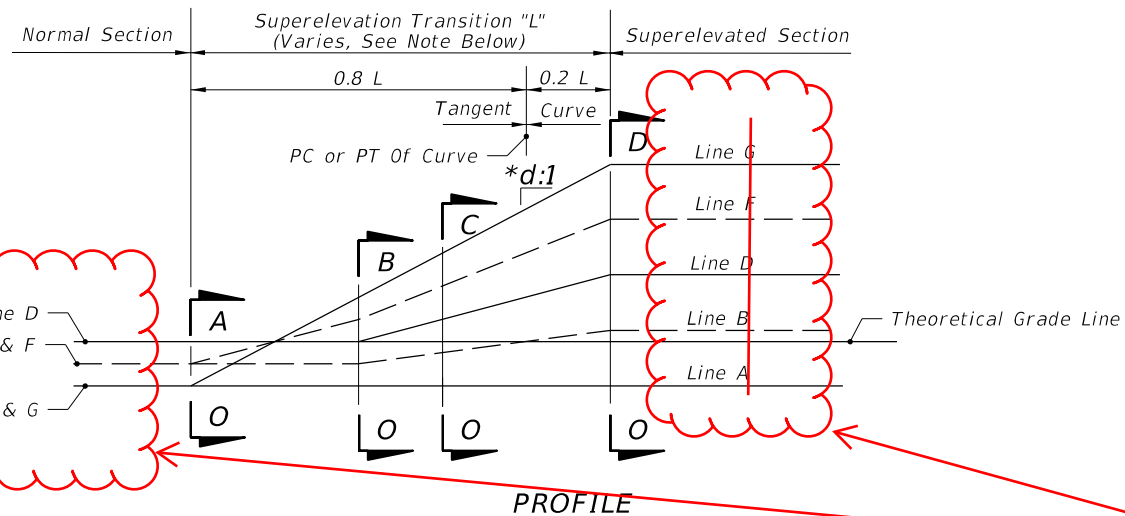
Contact the Roadway Design Office for assistance in completing this form

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SECTION 0-A to 0-D

TWO LANES EACH DIRECTION



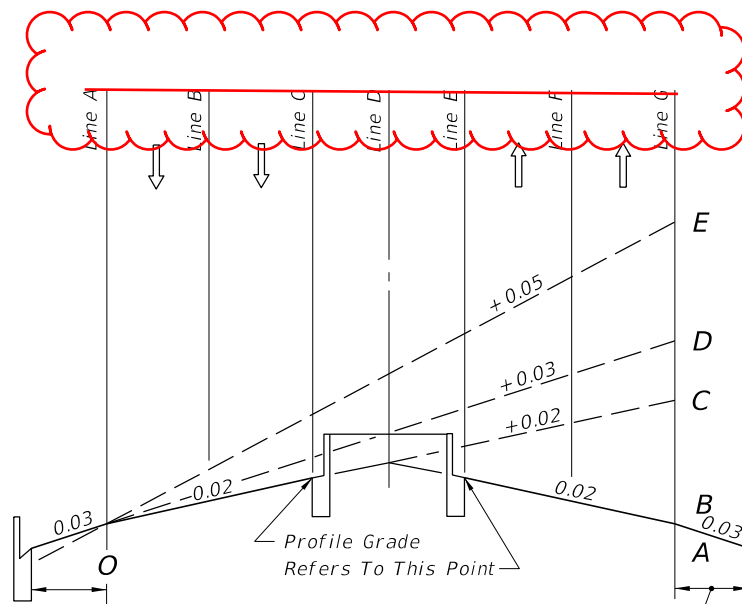
PROFILE

LINE	DESCRIPTION
<del>A</del>	<del>Inside Travel Lane</del>
<del>B</del>	<del>Inside Lane Line</del>
<del>C</del>	<del>Inside Median Edge Pavement</del>
<del>D</del>	<del>℄ Construction</del>
<del>E</del>	<del>Outside Median Edge Pavement</del>
<del>F</del>	<del>Outside Lane Line</del>
<del>G</del>	<del>Outside Travel Lane</del>

Inside And Outside Are Relative To Curve Center

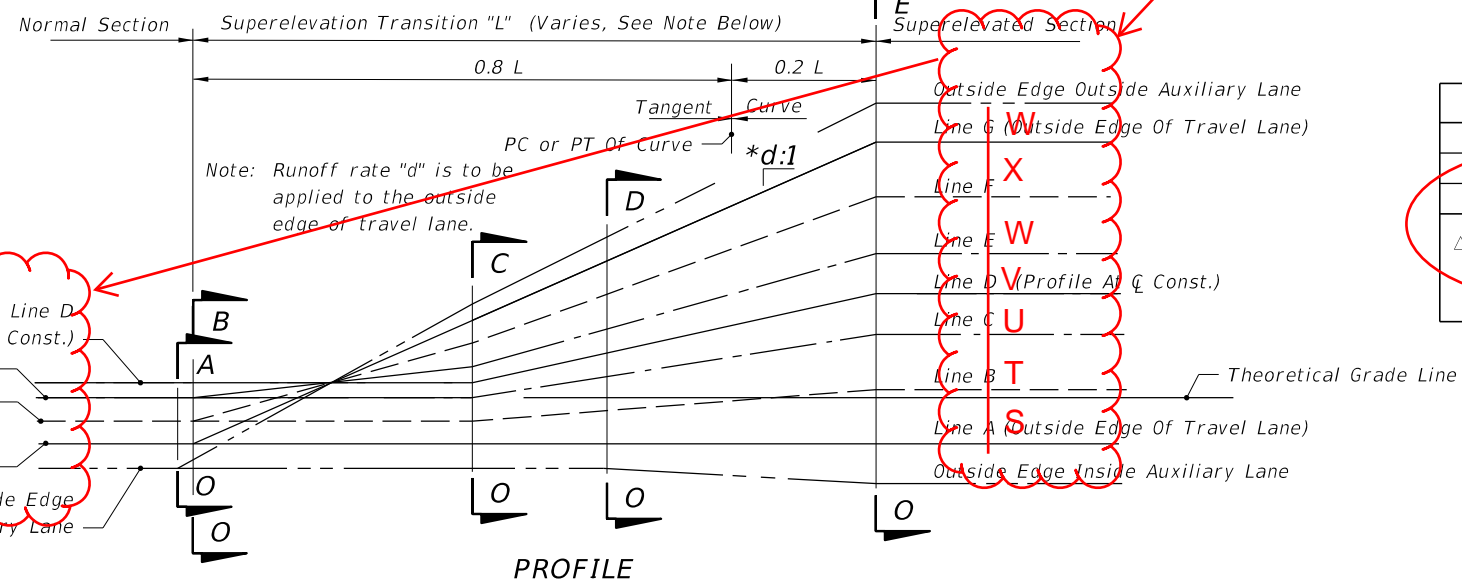
T  
U  
V  
W  
X  
Y  
Z

Change line letters



SECTION 0-A to 0-E

TWO LANES EACH DIRECTION WITH MEDIAN AND AUXILIARY LANE



PROFILE

*d (Slope Ratio)	
30 MPH	1: 100
40 MPH	1: 125
<del>45-50 MPH</del> Δ	1: 150

Δ 1: 125 May Be Used For 45 MPH Under Restricted Conditions.

E  
D  
C  
B  
A  
S  
T  
U  
V  
W  
X

Note:  
The sections and profiles shown are examples of superelevation transitions.  
Similar schemes should be used for roadways having other sections.

EXAMPLE SUPERELEVATION SECTIONS AND PROFILES FOR LOW SPEED HIGHWAYS

10/14/2019 8:06:09 AM

11/01/20

LAST REVISION	DESCRIPTION:
11/01/18	

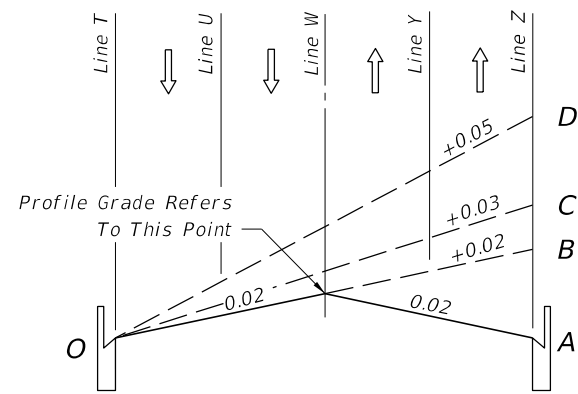


FY 2020-21  
STANDARD PLANS

SUPERELEVATION TRANSITIONS -  
LOW SPEED HIGHWAYS

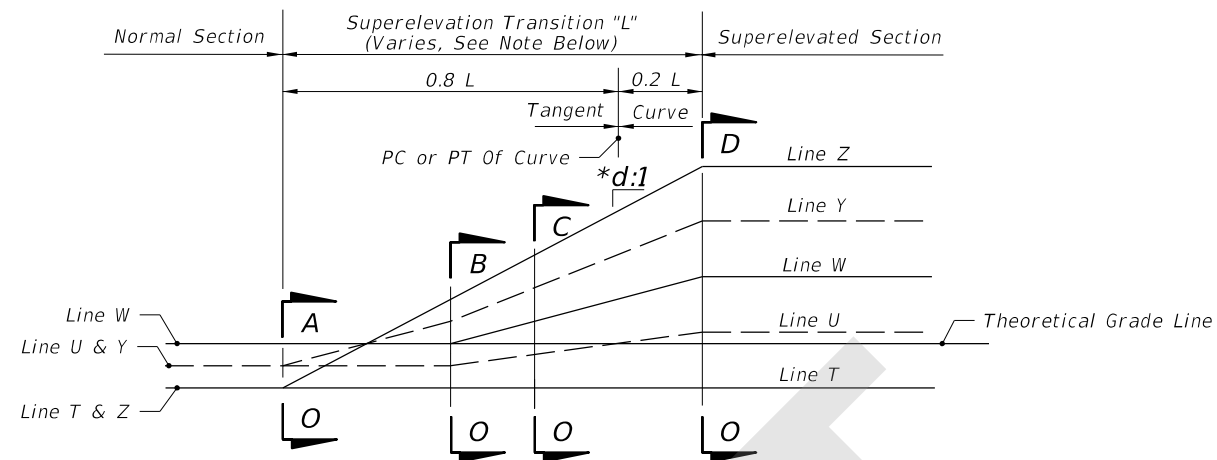
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SECTION 0-A to 0-D

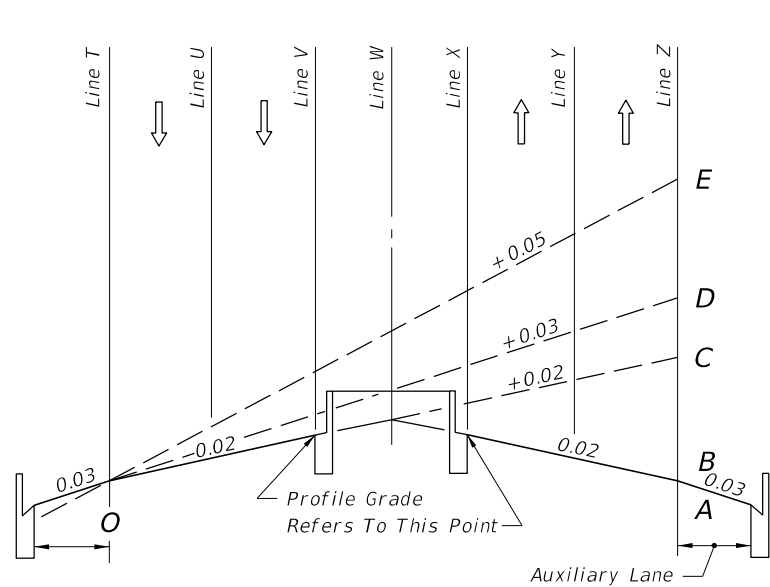
TWO LANES EACH DIRECTION



PROFILE

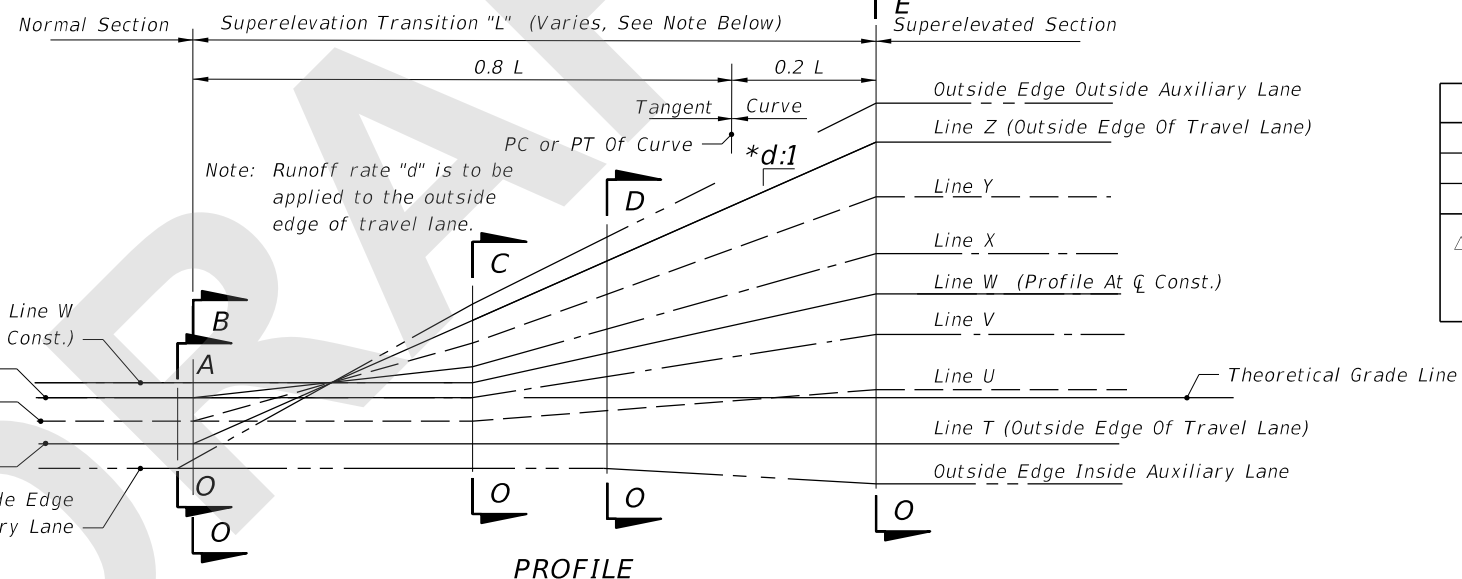
LINE	DESCRIPTION
T	Inside Travel Lane
U	Inside Lane Line
V	Inside Median Edge Pavement
W	℄ Construction
X	Outside Median Edge Pavement
Y	Outside Lane Line
Z	Outside Travel Lane

Inside And Outside Are Relative To Curve Center



SECTION 0-A to 0-E

TWO LANES EACH DIRECTION WITH MEDIAN AND AUXILIARY LANE



PROFILE

*d (Slope Ratio)	
30 MPH	1: 100
40 MPH	1: 125
45 MPH $\Delta$	1: 150

$\Delta$  1: 125 May Be Used For 45 MPH Under Restricted Conditions.

Note: The sections and profiles shown are examples of superelevation transitions. Similar schemes should be used for roadways having other sections.

### EXAMPLE SUPERELEVATION SECTIONS AND PROFILES FOR LOW SPEED HIGHWAYS

8/20/2020 6:57:35 AM

LAST REVISION 11/01/20	DESCRIPTION:
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FY 2021-22  
STANDARD PLANS

SUPERELEVATION TRANSITIONS -  
LOW SPEED HIGHWAYS

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