

0

0

GENERAL NOTES

- Maximum rate of superelevation for urban highways and high speed urban streets shall be 0.05.
 - Superelevation shall be obtained by rotating the plane successively about the break points of the section until the plane has attained a slope equal to that required by the chart. Should the rotation travers the entire section and further superievation be required, the remaining rotation of the plane shall be about the low edge of the inside travel lone.
 - Crown is to be removed in the auxiliary lane to the outside of the curve only when the adjoining travel lanes require positive superelevation.
- When positive superelevation is required, the slope of the gutter on the high side shall be a continuation of the slope of the superelevated payement.
 - In construction, short vertical curves shall be placed at all angular profile breaks within the limits of the superelevation transition.
- 5. The variable superelevation transition length "L" shall have a minimum value of 50 feet for design speeds under 40 WPH ord 75 feet for design speeds of 40 WPH or greater.
 - 6. Roadway sections having lane arrangements different from those shown, but composed
 - of a series of planes, shall be superelevated in a similar manner.
 - For superelevation of lower speed urban streets, see the FDOT 'Manual Of Uniform Minimum Standards For Design, Constraint and Maintenance For Streets and Highways', For superelevation of curves on rural highways, urban freeways and high speed urban high superelevation.

 $e_{max} = 0.05$

SUPERELEVATION FOR URBAN HIGHWAYS AND HIGH SPEED URBAN STREETS

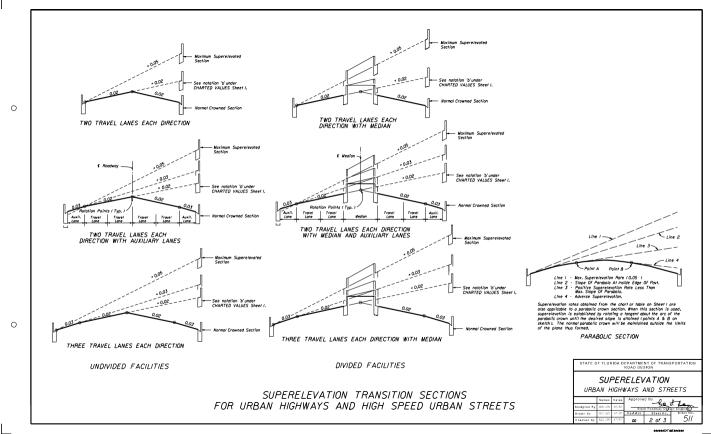
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
ROAD DESIGN
SUPERELEVATION

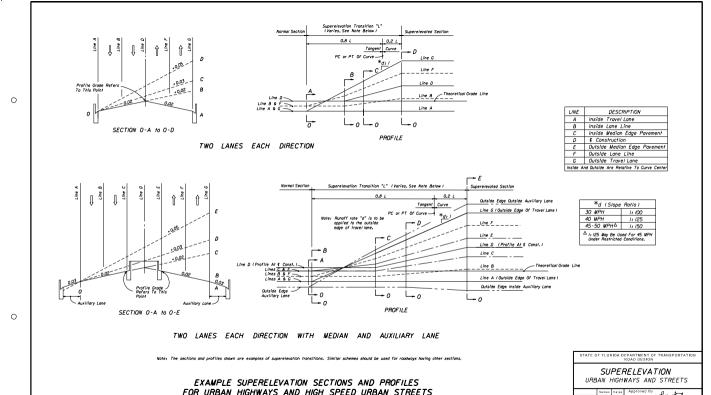
URBAN HIGHWAYS AND STREETS

Names Dates Approved By Sales Related State Roadway Design England By Common By Common

hecked by ALO/AG 67 8 90 00

1 of 3





00 3 of 3

estance By