

## Introduction

## Description of Terms (Cont.)

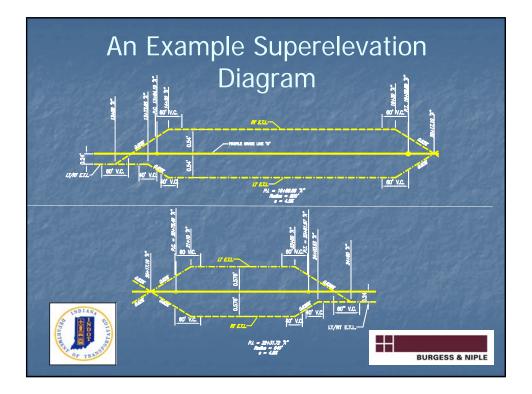
- Superelevation Rate is the amount of corss slope or "banking" provided on a horizontal curve to help counterbalance the centrifugal force of a vehicle traversing the curve.
- Relative Gradient or Relative Longitudinal Slope In superelevation transition sections on two-lane facilities, the relative gradient between the profile grade and edge of traveled way.
- Axis of Rotation is the line about which the pavement is revolved to superelevate the roadway. This line will maintain the normal highway profile throughout the curve.
- Superelevation Rollover is the algebraic difference (A) between the superelevated travel lane slop and shoulder slope on the outside of a horizontal curve.

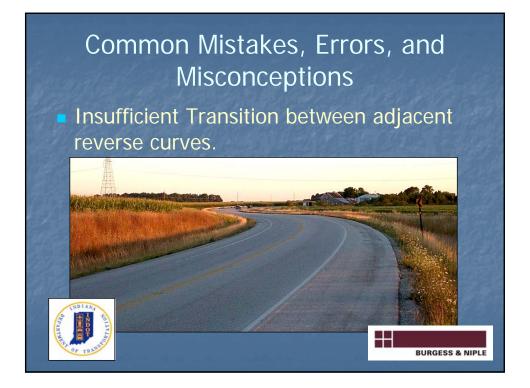
**BURGESS & NIPLE** 

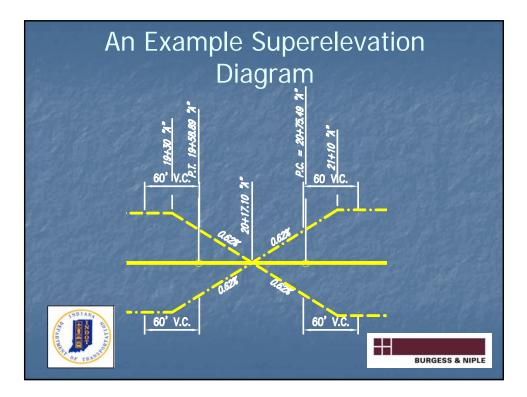




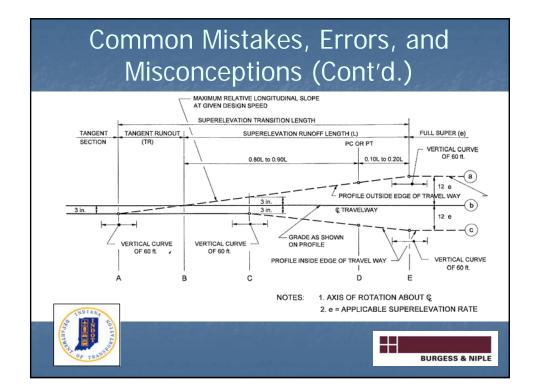












## Common Mistakes, Errors, and Misconceptions (Cont'd.)

Transitioning into an intersecting roadway.
Design using AASHTO "Green Book" not Indiana Design Manual.

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Failing to show shoulder rollover detail.









