Purpose

Provide a decision process to facilitate consistency in the selection of countermeasures.

Description

- Adapted from Minnesota County Road Safety Plan Project to represent a typical decision process for selecting roadway departure countermeasures on county roads.
- Utilizes ADT, lane width, and shoulder surface type to determine project type for rural two-lane segments.

Key Point

Provides county engineer with opportunity to identify treatment preferences while selecting projects that MnDOT is comfortable funding.

Rumble Strips Allowed? (i.e. noise, sensitive area?)

Yes → *County Treatment Preference*

No → *Existing ADT*

Existing ADT:
- **>200** → *Project*
  - 6" ground in wet reflective edge line
- **≤200** → *Project*
  - 6" latex edge line

County Treatment Preference:

Edge Line Rumble Strip → *Existing Lane Width*

Shoulder Rumble Strip → *Existing Shoulder Surface Type*

Existing Shoulder Surface Type:
- **Paved** → *Project*
  - Shoulder Rumble strip
- **Unpaved** → *Existing Lane Width*

Existing Lane Width (Edge Line Rumble Strip branch):
- **≥12 feet** → *Project*
  - Edge Line Rumble Strip
- **<12 feet** → *Project*
  - 2ft shoulder paving with safety edge
  - Edge line rumble strip

Existing Lane Width (Unpaved branch):
- **≥12 feet** → *Project*
  - Edge Line Rumble Strip
- **<12 feet** → *Project*
  - 2ft shoulder paving with safety edge
  - Edge line rumble strip