

HRRR Curve Conditions and Countermeasures

Examples of curve conditions eligible for improvement:

- Advisory speed 10 mph or more below the legal speed limit,
- Limited visibility of the curve on the approach (over the crest of a hill),
- Curve after an extended tangent portion of roadway,
- Multiple or reverse curves in close proximity,
- Evidence indicating curve-related crashes,
- Skid numbers, if available.

Possible countermeasures:

- Curve/turn warning signs
- Chevrons or object markers
- Pavement markings
- Shoulder or slope improvements
- Centerline or edge rumble strips/stripes
- High friction surface treatment
- Tree removal

Factors that can be considered when choosing countermeasures:

- Difference between speed limit and advisory speed
- ADT
- Condition of existing signs and markings (if any)
- Type of roadway surface (paved, gravel, etc.)
- Visibility of the curve
- Approach roadway alignment
- Shoulder condition (if any)
- Side slope (recoverable?)
- Crash information