Rural Segments
• US 52 and a couple of other highway corridors with high severe crashes will be identified through review of crash and citation data.

• Concept of designating safety corridors
  – collaborative approach to bring heightened awareness and focus to safety on specific corridors.
  – 4 E’s
    • Enforcement, Education, Engineering, EMS
The designated safety corridors may receive:
- signage identifying them as safety corridors
- heightened enforcement of all traffic violations occurring within the corridor
- application of low cost corridor wide infrastructure safety solutions (may include enhanced signing, pavement marking, lighting, turn lanes, etc)
- public education about the corridors

Corridors will be monitored for effectiveness in severe crash reduction and may be undesignated after a period of time.

Crash Reduction Factor
- Experimental

Typical Installation Costs
- Varies ($5000 per mile to ?)
Centerline Rumble Strip

Crash Reduction Factor
• 40% head-on/sideswipe crashes

Typical Installation Costs
• $3,600 per mile
Shoulder/Edgeline Rumble Strips

Crash Reduction Factor
• 20% run off road crashes

Typical Installation Costs
• $5,850 per mile
Buffers Between Opposing Lanes

Crash Reduction Factor
• 50% for all crashes & 100% for head-on crashes (based on TH 5 in Lake Elmo)

Typical Installation Costs
• $150,000 to $500,000 per mile
Safety Edge

Crash Reduction Factor
• 5% to 10%

Typical Installation Costs
• $10,000 to $20,000 per mile
Enhanced Edgeline (6” & 8”)

Crash Reduction Factor
• 10% to 45% all rural serious crashes (6”)

Typical Installation Costs
• $1,500 - $10,000 per mile
Shoulder Paving (2’, 4’, 6’)

Crash Reduction Factor

• 20% to 30% run-off-the-road crashes (with shoulder rumble) (2’ only)

Typical Installation Costs

• $54,000 per mile + $5,850 per mile (for Edge Rumble)
**Clear Zone Maintenance/ Enhancements**

**Crash Reduction Factor**
- Fatal, serious & minor Injury crashes: increase of 28% to decrease of 18%

**Typical Installation Costs**
- $50,000 to $500,000 per mile
Crash Reduction Factor
• 32% to 41% (adding new guardrail to embankment - run off road crashes)

Typical Installation Costs
• $500,000 to $1M per mile
Bike Paths/Trails

Crash Reduction Factor
• Not Available

Typical Installation Costs
• $50,000 to $150,000 per mile