System Condition

Eric Curtit, Transportation Planning Director
Statewide Planning Partner Meeting
Missouri Department of Transportation
February 10, 2021
Major Roads

- 5,542 Miles = 16% of System
- Travel Total = 76%
- Pavement Goal = 90%
  - Currently = 91%
  - Range 86 to 97%
- Cost $120,500/lane mile
- Treatment Type = 85-95% Preventive MT
Minor Roads

- 17,334 Miles = 51% of System
- Travel Total = 22%
- Pavement Goal = 80%*
  - Currently = 80%
  - Range 73 to 90%
- Cost = $37,700/lane mile
- Treatment Type = 100% Preventive MT

*Based on current funding level
Low Volume Roads

- 10,957 Miles = 33% of System
- Travel Total = 2%
- Pavement Goal = 70%*
  - Currently = 71%
  - Range 53 to 84%
- Maintained by MoDOT Maintenance

* Based on current funding level
Road Condition Trends

Percent Good Condition

- Interstate
- Major
- Minor
- Low Volume
Bridges – 10,397 total

Major Bridges = 209

Typical Bridges = 10,188

<table>
<thead>
<tr>
<th>Typical Bridges</th>
<th>Avg Cost/sq ft</th>
<th>% of Work</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacements</td>
<td>$268</td>
<td>17%</td>
</tr>
<tr>
<td>Redeck</td>
<td>$95</td>
<td>14%</td>
</tr>
<tr>
<td>Other (PM/Rehab)</td>
<td>$36</td>
<td>69%</td>
</tr>
</tbody>
</table>

Bridge Goal: 900 Poor Condition Bridges (at current funding level)
Currently: 893 Poor Condition Bridges – 300 bridges is optimum
893 Poor Bridges
About 60% of our bridges are older than their intended useful life of 50 years (those built prior to 1970).

Based on 2019 NBI Data