Milestones in Oklahoma Turnpikes

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>1947</td>
<td>OTA Authorized to build Turner Turnpike Between OKC and Tulsa</td>
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<tr>
<td>1953</td>
<td>Turner Turnpike (Asphalt Surface) Opened future alignments Authorized</td>
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<tr>
<td>1957</td>
<td>Will Rogers Turnpike Opened (Asphalt Surface)</td>
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<tr>
<td>1964/1965</td>
<td>Bailey Turnpike Opened (Concrete Surface)</td>
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<tr>
<td>1966/1970</td>
<td>Indian Nation Turnpike Opened (Concrete Surface)</td>
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<tr>
<td>1969</td>
<td>Muskogee Turnpike Opened (Concrete Surface)</td>
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<tr>
<td>1975</td>
<td>Cimarron Turnpike Opened (Concrete Surface)</td>
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<tr>
<td>1990–2018</td>
<td>Panel Replacement and Short Reconstruction Projects</td>
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<tr>
<td>2020</td>
<td>DBR Projects</td>
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</tbody>
</table>
Cimarron DBR 2020
- $14M – 19 Miles
- Panel Replacements

Cimarron DBR 2020
- $14M – 19 Miles
- Dowel Bar Placement

Cimarron DBR 2020
- $14M – 19 Miles
- Grinding
- Completion

Bailey DBR 2020
- $13.7M – 18 Miles
Indian Nation DBR 2020
- $12M – 18 Miles

Why DBR?
- Pavement is 45–55 Years old.
- Traffic volumes are 6,000 to 25,000 vpd and 10% trucks
- Reconstruction
  - Costs are $3.9 Million/Mile 4–lane
  - Construction Duration multiple years
- DBR
  - Costs are under $600K/Mile 4–lane
  - Construction in one season, 7 months
  - Approximately 15% of the cost of reconstruction
  - Cover nearly 7 times the length per dollar
- Total centerline miles 163 miles 2020–2025
- Total $95 Million in construction estimates and very cheap to design and administer. (Engineering Cost)
  - DBR $95M vs $634M Reconstruction

Video

Thank You! 