# ACTIVE Concrete Paving Projects

<table>
<thead>
<tr>
<th>TIP</th>
<th>Letting</th>
<th>Description</th>
<th>Division</th>
<th>Aprox. SY</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-3819A</td>
<td>June 2012</td>
<td>I-40 / I-77 Interchange</td>
<td>12</td>
<td>151,000</td>
</tr>
<tr>
<td>U-2925</td>
<td>Dec. 2012</td>
<td>Salem Creek Connector (Design-Build)</td>
<td>9</td>
<td>56,100</td>
</tr>
<tr>
<td>U-2524C</td>
<td>Sept. 2013</td>
<td>Greensboro Western Loop</td>
<td>7</td>
<td>144,300</td>
</tr>
<tr>
<td>I-4928</td>
<td>Mar. 2014</td>
<td>Weigh Station in Gaston County</td>
<td>12</td>
<td>41,200</td>
</tr>
<tr>
<td>U-2525B</td>
<td>June 2014</td>
<td>Greensboro Eastern Loop</td>
<td>7</td>
<td>137,500</td>
</tr>
<tr>
<td>U-2579B</td>
<td>Oct. 2014</td>
<td>Winston-Salem Northern Beltway</td>
<td>9</td>
<td>268,000</td>
</tr>
<tr>
<td>U-0071</td>
<td>Nov. 2014</td>
<td>Durham East-End Connector</td>
<td>5</td>
<td>70,000</td>
</tr>
<tr>
<td>I-0914 BA, BB</td>
<td>Mar. 2015</td>
<td>I-85 Unbonded Concrete Overlay</td>
<td>5</td>
<td>662,000</td>
</tr>
<tr>
<td>K-4908</td>
<td>April 2015</td>
<td>I-77 Rest Areas in Iredell County</td>
<td>12</td>
<td>47,500</td>
</tr>
<tr>
<td>R-2635D</td>
<td>June 2015</td>
<td>Triangle Expressway Interchange</td>
<td>5</td>
<td>27,300</td>
</tr>
<tr>
<td>I-5504</td>
<td>Feb. 2016</td>
<td>I-26 / NC 191 Interchange (Design-Build)</td>
<td>13</td>
<td>9,000</td>
</tr>
<tr>
<td>I-3802B</td>
<td>Feb. 2016</td>
<td>I-85 Widening (Design-Build)</td>
<td>9</td>
<td>438,000</td>
</tr>
<tr>
<td>U-2524D</td>
<td>Sept. 2016</td>
<td>Greensboro Western Loop</td>
<td>7</td>
<td>77,600</td>
</tr>
</tbody>
</table>
Major TIP projects (I-0914)

- Concrete overlay on I-85 from SR 1162 in Vance Co. to Virginia State line in Div. 5.
- Project length is approx. 20.6 miles for 4 lanes.
- Largest overlay job at NCDOT.
- 10” Concrete overlay
- Saved $8 million in VE study by maintaining the existing pavement
- Advantage of concrete overlay is that it can be placed on existing distressed pavement with a bondbreaker (fabric or asphalt)
Major TIP projects (I-0914)

• Two 5-mile sections are complete in NB direction.
• Longitudinal tining is the final surface texture.
• Project is ahead of schedule and has a planned completion date of Dec. 2020.
Winston Salem Loop underway – Drainage fabric pilot

Winston-Salem Northern Beltway
Project R-2247, Project U-2579, and Project U-2579A

Legend
- Freeway/Expressway
- Major Thoroughfare
- Minor Thoroughfare
- Railroad
- County Line

Preferred Alternatives
- Project U-2579A
- Project U-2579
- Project R-2247

Schedule
Project U-2579A
AA, AB - Right of Way: 2018
Construction: 2021

Project U-2579
B - Under Construction
C - Right of Way: In Progress
D, E, F - Right of Construction
G (Replacement of over US 421)

Project R-2247
B, CA, CB, D, EA, F - Right of Way and Construction: Post Year
CD, EC - Design-Build to be let September 2016
EB - Right of Way: 2019
Construction: 2022

*Unfunded in 2016-2025 State Transportation Improvement Program

Eastern sections accelerated as DB!

R-2247 EC& CD bids opened this week.

U-2579B (#4) is under construction
Weigh Station – Drainage Fabric Pilot #1
Weigh Station – Open for business!!!

Drainage Fabric under Ramp A
**Major TIP projects**

- I-40 / I-77 Interchange project in Iredell county.
- Length = 3.36 miles
- Planned completion in May 2017.
Roller Compacted Concrete (RCC)

• I-85 concrete rehab project in Guilford / Randolph Counties for 7.4 miles.
• RCC will be used for the outside shoulder.
• RCC is 8” thick and 10-ft wide.
Roller Compacted Concrete (RCC)

• I-85 concrete rehab project in Guilford / Randolph Counties for 7.4 miles.
• RCC will be used for the outside shoulder.
• RCC is 8” thick and 10-ft wide.
Diamond Grinding

- Diamond grinding is a concrete pavement preservation technique to extend the life of a PCCP pavement.

- NCDOT has incorporated the use of DG on many Interstate Rehab maintenance projects with almost 2,000,000 SY in last few years.