

**Item Title:** Locally Administered Projects Program (LAPP) and Strategic Transportation Prioritization (SPOT) grant submissions for the future Triangle Bike Way

**Specific Action Requested:**  
**That the Board of Commissioners:**

- 1. Adds the Triangle Bike Way to the County's Greenway System Plan; and**
- 2. Authorizes the County Manager to execute both the Locally Administered Projects Program (LAPP) and Strategic Transportation Prioritization (SPOT) grant submissions for the future Triangle Bike Way.**

**Item Summary:**

A bikeway along Interstate I-40 between Raleigh and Durham has been discussed since the early 2000s, and has appeared in past Triangle J Council of Governments' (TJCOG) Center of the Region Enterprise (CORE) plans and City of Raleigh Transportation Plans. Raleigh's plan showed the bikeway as a proposed multi-use trail, running adjacent to the existing I-40 ROW, connecting from RTP in the west (along Aviation Parkway), to the Reedy Creek Greenway in the east (via Trenton Road).

In December 2016, Triangle J COG convened a meeting of regional partners to evaluate potential routes and see how this project might be moved forward as a regional priority. The consensus at the meeting was that we pursue a short-term and a long-term route. The short-term route would be comprised of either existing or high-priority/low-cost facilities (not all off road) that could be identified and signed as a regional bike route. The long-term route would be entirely off-road trails and/or multi-use paths.

At the May 1, 2017 Board of Commissioners meeting, the Board approved the Wake County Greenway System Plan. The vision for the plan is to create a connected and comprehensive system of greenway trails and connections that enhances the quality of life throughout Wake County. This includes increasing connectivity for multi-modal transportation.

At the June 19, 2017 Board of Commissioners meeting, the Board approved and authorized the County Manager to sign a funding agreement with the Capital Area Metropolitan Planning Organization (CAMPO) that included budget appropriation of \$23,200 to complete the Triangle Bikeway alignment study. This feasibility study is being finalized.

Moving the Triangle Bike Way forward will require future funding not yet identified in the County's Capital Improvement Plan (CIP). There are grant funds that, if awarded, would allow further design work, Right-of-Way acquisition and/or construction of the Triangle Bike Way, leveraging future County dollars to assist in the project.

Two such grants are the Locally Administered Projects Program (LAPP) and the Strategic Transportation Prioritization (SPOT) administered through CAMPO.

### **Locally Administered Projects Program (LAPP)**

The LAPP grant is an annual solicitation for local roadway, transit, bicycle and pedestrian projects, and will result in an annual program of projects in the Transportation Improvement Program (TIP) managed by CAMPO. The LAPP program has approximately \$6 million to award for the FY 2019 funding cycle. Grant applications are due October 31, 2017. The County would be submitting for funding to design the Triangle Bike Way between Lake Crabtree County Park and the Wake/Durham County line (existing bike lanes at Slater Road).

The estimated cost to design this section of the Triangle Bike Way is \$1,276,080. Based on CAMPO's minimum 20% match, Wake's required minimum match would be \$255,216. Funding is very competitive and projects with design as a single component do not score as well as acquisition or construction projects. Because of this, staff proposes a 25% match, or \$319,020 to increase the odds of receiving funding.

<b>Source of Funds</b>	<b>Amount</b>
CAMPO LAPP Grant Award	\$957,060
County Match	\$319,020
<b>Total</b>	<b>\$1,276,080</b>

Right-of-Way acquisition and construction of this section of the Triangle Bike Way are currently estimated at \$1,504,800 and \$11,256,000 respectively. These costs are not included in this grant request, but the County could seek future grant funding to also assist with these aspects if continue forward with the project.

If the County's LAPP grant is not successful, the County match would not be needed, and this section of the Triangle Bike Way will not move forward until additional funding is identified in the future.

### **Strategic Transportation Prioritization (SPOT)**

The SPOT program is on a five-year cycle and includes roadway, public transportation, bicycle, pedestrian, rail, and aviation projects in the development of the State Transportation Improvement Program (STIP). The SPOT program has approximately \$70 million to award for the FY 2022 and FY 2027 funding cycles (five year cycle). The County would be submitting for funds to design, acquire right-of-way and construct the Triangle Bike Way section between Raleigh's Reedy Creek Greenway in the east (Trenton Road) and Lake Crabtree County Park.

The estimated cost for design, acquisition and construction of this section of the Triangle Bike Way is \$7,501,395. Based on CAMPO's minimum 20% match, Wake's minimum match would be \$1,500,279:

<b>Source of Funds</b>	<b>Amount</b>
CAMPO SPOT Grant Award	\$6,001,116
County Match	\$1,500,279
<b>Total</b>	<b>\$7,501,395</b>

If the CAMPO SPOT grant is not successful, the County match would not be needed, and this section of the Triangle Bike Way will not move forward until additional funding is identified in the future.

This item was presented to the Growth, Land Use, and Environment Committee on October 9, 2017; comments and feedback from this meeting were incorporated into this item summary.

**Attachments:**

1. PowerPoint Presentation
2. Triangle Bike Way Concept Map