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|--|--|--|------------------------------|--|----------|------|--------------|
| Project ID#  | Durham Transit Plan- Project Request Form                                |  |                              | FY START   | 7/1/2019 |      |              |
| 19GoT_C02  | Capital  |  |                              | FY 2020  |          |      |              |
|  | Planning and Feasibility Studies   |  |                              |  |          |      |              |
| Project Business Case  |  |  |                              |  |          |      |              |
| Project Name   | Requesting Agency  | Project Contact                                | TTD Estimated Operating Cost |  |          |      |              |
| Commuter Rail from Garner to Durham (Durham County Share)  | GoTriangle for GoDurham  | Jay Heikes                                     | Current Year                 | \$ -   |          |      |              |
| Estimated Start Date   | Estimated Completion   | Notes  | TTD Estimated Capital Cost   |  |          |      |              |
| July 1, 2018   | ongoing  |  | Current Year                 | \$ 2,235,000   |          |      |              |
| Project Description  |  |  |                              |  |          |      |              |
| <p>The Durham to Garner Commuter Rail project is presently funded at \$850,000 from FY18-20. Work funded to date includes the Commuter Rail Major Investment Study, completed in May 2019 and the ongoing Alternatives Analysis update which is refreshing planning-level infrastructure assumptions, cost estimates, ridership projections for alternatives between Durham and Garner and evaluating those same elements for alternatives between Mebane and Selma. Preliminary results from this study, due to be finalized later this spring, identify the need to evaluate key project risks through additional study, public engagement, and coordination prior to a decision on whether to proceed with project implementation and design. This additional study effort, referred to as "early project development activities" has an estimated cost \$9,200,000, of which \$2,700,000 would be Durham County's expected share. \$465,000 is available from the original FY20 budgeted amount of \$715,373; the amended FY20 Budget request is \$3,085,000; an increase of \$2,235,000.</p> <p>As a part of this Transit Plan Amendment, elected officials have a decision on whether or not to proceed with these "early project development activities" to evaluate and address key project risks and prepare the project for design and implementation activities. Upon completion of "early project development activities, including reaching preliminary agreements with funding partners, railroads, and municipalities, elected officials would have a future decision of whether or not to proceed with project design and implementation, including requesting entry into the Federal New Starts process, the first step in applying for federal funding. Related to the this current Transit Plan Amendment is a separate decision by elected officials to authorize a Memorandum of Understanding to govern the project management partner's roles and responsibilities during "early project development activities."</p> <p>GoTriangle is the presumptive Project Sponsor in DCHC MPO and will use the funds to pursue additional study to resolve key items prior to elected officials being presented with a decision on whether to proceed with project and design and implementation and whether to request entry into the Federal Transit Administration's New Starts process within the Capital Investment Grants (CIG) program. Activities may include but are not limited to the following: land survey; utility investigation; preliminary engineering and environmental study for key risk areas; assessment of land availability for park-and-rides; identification of site options for maintenance facility; railroad coordination; community engagement planning and initiating community engagement; stakeholder engagement planning and advancing stakeholder engagement activities; additional assessment of project feasibility for CIG; development of a project management plan; and preparation to engage project development consultants. These activities are necessary to evaluate key project risks.</p> |  |  |                              |  |          |      |              |
| Project Profile  |  |  |                              |  |          |      |              |
| Project Area   | Direct or Indirect Beneficiaries   | Key benefits (Transit Plan)                    | Transit Plan Section         | Map of Area  |          |      |              |
| Durham County  | Durham Residents, Visitors, and employees of companies located in Durham | Providing Connections to other Regional Cities | 4.5                          |  |          |      |              |
| Project Monitoring Details   |  |  |                              |  |          |      |              |
| Capital Projects   |  |  |                              |  |          |      |              |
| Quantitative Outcomes  | **Please list up to 3 Quantitative metrics and 1 Qualitative             |  |                              |  |          |      |              |
| 1. Increased Access to Jobs  | 2. Improved Mobility in Area   | 3. Increased Ridership                         | Qualitative                  | Improved Customer Satisfaction through increased reliability |          |      |              |
| List any other relevant information not addressed.   |  |  |                              |  |          |      |              |
| Project can complete early project development activities, as currently defined, with requested funds  |  |  |                              |  |          |      |              |
| Finance Estimates  |  |  |                              |  |          |      |              |
| Revenue  |  |  |                              |  |          |      |              |
| Tax Revenue  | FY 19 and Prior  | FY20   | Funding to Date              | FY21   | FY22     | FY23 | Total        |
| Durham County Tax Revenue  | \$ 850,000   | \$ 2,235,000                                   | \$ 3,085,000                 | -  | -        | -    | 3,085,000    |
| Other Revenue  |  |  |                              |  |          |      |              |
| Federal  |  |  |                              | \$ -   |          |      | -            |
| State  |  |  |                              |  |          |      | -            |
| Other - City of Durham funds   |  |  |                              | \$ -   |          |      | -            |
| Subtotal Other   | \$ -   | \$ -   | \$ -                         | -  | -        | -    | -            |
| TOTAL REVENUE  | \$ 850,000   | \$ 2,235,000                                   | \$ 3,085,000                 | -  | -        | -    | 3,085,000    |
| Multi-Year Capital - Revenue Funding through FY 2021   |  |  |                              |  |          |      |              |
| Revenue  | Durham County Tax Revenue through FY 2020 (Funding to Date)              |  |                              | \$ 850,000   |          |      |              |
| Expenses   | FY19 Reimbursement:  |  |                              | \$ 134,627   |          |      |              |
| Expenses   | FY20 Budgeted  |  |                              | \$ 715,373   |          |      |              |
| Net  | Durham County Tax Revenue Available                                      |  |                              | \$ 850,000   |          |      |              |
| Project Request  |  |  |                              | \$ 2,235,000   |          |      |              |
| Balance Available for Future Request   |  |  |                              |  |          |      |              |
| Cost Break Down of Project Request   |  |  |                              |  |          |      |              |
| CAPITAL COSTS  | FY 19 and Prior  | FY20   | FY21                         | FY22   | FY23     | FY24 | Total        |
| Feasibility or Other Studies   | \$ 134,627   | \$ 2,950,373                                   | \$ -                         |  |          |      | \$ 3,085,000 |
| Land - Right of Way  |  |  |                              |  |          |      | \$ -         |
| Design & Engineering   |  |  | TBD                          | TBD  | TDB      | TBD  | TBD          |
| Construction - Implementatic   |  |  |                              |  |          |      | \$ -         |
| Equipment  |  |  |                              |  |          |      | \$ -         |
| Other (Describe)   |  |  |                              |  |          |      | \$ -         |
| TOTAL CAPITAL COSTS  | \$ 134,627   | \$ 2,950,373                                   | \$ -                         | \$ -   | \$ -     | \$ - | \$ 3,085,000 |
| Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.   |  |  |                              |  |          |      |              |
| <p>An additional \$2,235,000 is requested in FY2020 to initiate and complete early project development activities for Commuter Rail Transit between West Durham and Garner, with a possible inclusion of a scenario that extends to Clayton. \$465,000 of the original FY20 budget is available and the additional \$2,235,000 is requested for a total FY20 Amended request of 3,085,000. FY20 originally included a carryover of \$715,737 from FY19; the current feasibility study, titled "The Greater Triangle Commuter Rail Study" is has an estimated budget at completion (Durham County share only) of \$250,373. This leaves \$465,000 available from FY19 the next phase of study. Additional funding, beyond the \$465,000 is necessary to conduct additional planning-level study to evaluate key project risks, begin developing agreements with critical project partners and stakeholders, and prepare the project and elected officials for a decision on whether to proceed with project design and implementation. Details of amended budget request for Durham County share of "early project development activities" to evaluate key project risks are as follows:</p> <ul style="list-style-type: none"><li>• Rail Traffic Controller Model</li><li>• Preliminary engineering to evaluate critical design risks only (e.g. Downtown Durham grade crossings)</li><li>• Additional ridership modeling</li><li>• Public engagement, integrated with local plan updates</li><li>• Agreements with funding partners, municipalities, and railroads.</li></ul>   |  |  |                              |  |          |      |              |