



# FY21 ORANGE COUNTY TRANSIT WORK PLAN



SWG Recommended  
6-16-20

## OVERVIEW

The Triangle Tax District, administered by GoTriangle, manages the funds received for the transit tax districts in Orange, Durham, and Wake counties. Each county's transit tax revenues are governed by a separate plan. The Orange County Transit Plan (Transit Plan) was adopted by the Orange County Board of Commissioners, the GoTriangle Board of Trustees, and the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) in 2017, and was the second installment of a transit plan for Orange County (replacing the Bus and Rail Investment Plan adopted in 2012). Annually, a fiscal year Orange Transit Work Plan is developed to allocate funding for projects identified in the Transit Plan. Per an interlocal agreement adopted by these governing boards in 2013, a staff oversight group, called the Staff Working Group (SWG), reviews projects to be funded through the transit tax and recommends a set of projects and funding amounts to the GoTriangle Board of Trustees for approval as part of its annual budget. The list of projects and funding amounts is presented here as the FY21 Orange Transit Work Plan (Work Plan).

The Work Plan was released for a public comment period on April 22, 2020. The public comment period ended on May 22, 2020. In addition to comments from the general public, input was solicited from the Orange County Board of Commissioners and the DCHC MPO Board in May 2020. A public input summary, including all comments from the general public, is included as an appendix to this Plan.

Tax District Funds are generated from a ½ cent sales tax, two vehicle registration fees (\$7 and \$3, respectively), and a vehicle rental fee. The Tax District has collected revenues since 2013, and has allocated funding since 2014. The services and capital investments funded by the Tax District Fund include:

- Providing greater frequency and more hours on many bus routes;
- Creating new routes to serve growth;
- Making improvements to transit infrastructure such as bus stops, park-and-ride lots, and bicycle

and pedestrian infrastructure to improve access to transit; and

- Planning for major transit infrastructure, such as Bus Rapid Transit (BRT).

Transit Plan funds also support the long-term health of the region's transit systems, providing money to replace an aging fleet. These investments make it easier for residents to move around the county and the region, support equitable access to jobs and services, and connect our universities, neighborhoods, and employment centers. The investments are modern – they incorporate standards for ADA access and Complete Streets, and with Wifi capacity, buses bring information access to the systems riders.

In FY21, the Orange Transit Tax expects to receive, from all four funds combined, approximately \$8.7M. This amount is a downward projection from the originally forecast \$9.8M due to the current public health crisis. Based on a principle of not drawing down from the Orange transit tax reserve capital fund in FY21, transit agencies that operate in Orange County have requested \$8M in new projects. However, due to fiscal constraints and the decrease in revenue in FY20 from original projections, several of those projects, including almost all of the capital projects, are being held in reserve. The financial summary sheet at the end of this narrative shows the specific amounts for revenue and expenditures by category and sponsor.

The Orange Transit Work Plan is divided into two categories: operations and capital. In FY21, almost all of the approximately \$4.75 of spending using new funds is dedicated to operations. These operations will provide continuation of service expansions and frequency reductions provided since the implementation of the transit tax for all three agencies: Chapel Hill Transit (CHT), Orange County Public Transit (OCPT), and GoTriangle. In addition, FY21 will see implementation of the CHT Short Range Transit Plan, which was adopted by the Chapel Hill Town Council in 2020, as well as expansion of the Hillsborough Circulator by OCPT. Furthermore, fare collection improvements will be installed for transit agencies across the Triangle, including GoTriangle services in Orange County, as a regional procurement contract. The fiscal impacts for

the Youth GoPass will be realized across all the regional transit providers that run a fare service.

New capital improvements will be limited in FY21 due to the downturn in projected sales tax revenue due to the impact of the COVID-19 public health crisis. The only new capital project will be a facilities plan for GoTriangle, which is funded across all three counties. Notwithstanding, carryover funds are available to continue work on major capital projects, such as the North-South Bus Rapid Transit (N-S BRT) in Chapel Hill, though adjustments to the funding schedule were necessary in order to provide for the operations improvements and the reduction in projected revenue. Funds are set aside in reserve for N-S BRT, and for GoTriangle to acquire new vehicles and conduct an on-board rider survey. Further information on each of these improvements follows.

## REVENUES

The Triangle Tax District administers funds from four different sources:

- ½ cent sales tax
- \$7 vehicle registration fee
- \$3 vehicle registration fee
- Vehicle rental tax

These revenues are used to support the transit activities of the Orange Transit Plan and subsequent Work Plans. A summary of expected revenues is shown in Table 1.

**Table 1:** Expected Triangle Tax District Revenues for Orange County in FY21 by Funding Source

Source	Amount
½ Cent Sales Tax	\$7,104,000
Vehicle Rental Fee	544,300
\$7 Car Registration Fee	775,000
\$3 Car Registration Fee	332,000
<b>TOTAL FY21 REVENUES</b>	<b>\$8,755,300</b>
Estimated Capital Carryover	6,317,574 <sup>1</sup>
<b>TOTAL REVENUE</b>	<b>\$15,072,874</b>

<sup>1</sup> Subtotal for carryover dollars may differ from the budget table due to rounding; difference is less than \$100.

Carryover funds from previous years are shown in this Work Plan as a forecast of anticipated year-end expenditures. Carryover funds are assumed to be part of a project's funding for the life of the project and are therefore committed to the project when approved as part of a previous Work Plan budget, unless actively removed through an action of the governing board(s). For the sake of comparison, the FY20 adopted budget amounts for each project are shown on the project summary sheet and anticipated FY20 carryover funds as budgeted in the FY21 Work Plan. Estimated carryover funds from FY20 to FY21 are detailed in the Carryover Summary sheet at the end of this narrative.

An unfortunate but important reality to note for the FY21 Work Plan is its response to uncertainty regarding revenue collections during the Coronavirus Disease 2019 (COVID-19) health crisis, which started in March of 2020. With social distancing and 'stay-at-home' measures to control the spread of COVID-19 imposed on residents statewide, the Orange Transit Plan implementation partners are aware that economic activity in the county has slowed immediately and in dramatic fashion. The public transportation sales and use tax collections authorized under Article 43 of the North Carolina General Statutes comprise the greatest share of assumed revenues to fund investments reflected in the Orange Transit Plan. While it is known that sales tax collections to support transit investments have likely decreased during this time, uncertainty remains around how much and how long of a decline it will be, as well as the extent of its long-term economic impacts for assumed future-year collections.

In light of this situation, and the significant amount of projects that will be using dollars programmed in previous years, funding for several projects is held in reserve in FY21. For some of these projects the reserve funds are only new dollars to be appropriated in FY21, for some it includes carryover funds from previous years. The projects include:

**Table 2: FY21 Reserve Funding by Project**

Project Name	Project Number	FY21 Reserve Funding
GoTriangle Vehicle Acquisition and Replacement	21GOT_VP1	\$903,000
Origin-Destination Survey	21GOT_CO1	250,000
GoTriangle Short Range Plan	21GOT_CO2	31,250
North-South BRT Capital	19CHT_CD1	2,602,500 <sup>2</sup>
Hillsborough Train Station	18TOH_CD1	401,000
Hillsborough Train Station Bus Stops	20TOH_CD2	33,900
<b>TOTAL</b>		<b>\$3,681,650</b>

The full budget shown at the end of this narrative shows the funding amount for all projects programmed in FY21.

The Orange SWG will meet in August 2020 and beyond in order to monitor transit tax fund revenues. The members of the SWG, the DCHC MPO, GoTriangle, and Orange County, will continually monitor the actual data for sales tax collections and analyze the opportunity to move forward reserve projects in FY21.

## EXPENDITURES

In FY21, almost all new funding is directed to operating projects. The table below details the amount of forecasted expenditures by agency and by type of funding. There are three types of funding in this Work Plan:

- New – spending from revenues expected to be collected during FY21
- Carryover – spending using revenues collected in

<sup>2</sup> Only newly programmed funding in FY21 of \$2,062,500 is held in reserve; carryover funds of \$2,076,248 remains available.

FY20 and previous

- Reserve – spending that will require additional approval from the SWG and the GoTriangle Board of Trustees as part of a budget amendment before it can be released

Table 3 displays the amount of funding by agency and by funding type in FY21. Further detail is included in the budget sheets at the end of this narrative.

**Table 3: FY21 Expenditures by Agency (operating and capital)**

New FY21 Expenditures	Amount
DCHC MPO	\$56,750
GoTriangle	1,775,500
Orange County/OCPT	743,800
Chapel Hill Transit	2,198,700
<b>TOTAL (New FY21 Expenditures)</b>	<b>\$4,774,750</b>
<b>Carryover</b>	
GoTriangle	\$1,067,536
Chapel Hill Transit	2,515,316
Orange County/OPT	1,732,358
Town of Carrboro	905,846
<b>SUBTOTAL</b>	<b>\$6,221,056<sup>3</sup></b>
<b>RESERVE</b>	
GoTriangle	\$1,164,054
Chapel Hill Transit	2,062,500
Town of Hillsborough	434,900
<b>SUBTOTAL</b>	<b>\$3,681,650</b>
Unallocated Funds	\$733,800
<b>TOTAL (Budgeted &amp; Reserve)</b>	<b>\$15,411,256</b>

The SWG and GoTriangle Tax District Administration staff will monitor revenues from all four funding sources throughout the year to determine when it is reasonable to release funding from the reserve budget.

Should revenue meet projections in FY21, approximately \$700,000 of un-allocated funds that may be applied as a

<sup>3</sup> Subtotal for carryover dollars may differ from the budget table due to rounding; difference is less than \$100.

contingency, for additional needs that arise during the year, and/or savings for future major capital projects through inclusion in the reserve fund. Expenditures by agency in FY21 are shown in Table 3.

Table 4 summarizes total budgeted and carryover funding spent by type of activity, including both operating and capital expenditures. Reserve funds are not included.

**Table 4: FY21 Expenditures by Type of Activity\***

Activity	Amount	Percentage
Tax District Administration	\$245,700	3%
Transit Plan Administration	524,150	6%
Transit Operations	3,967,400	45%
Transit Infrastructure	799,030	9%
Vehicle Acquisition	903,000	10%
Chapel Hill BRT	2,062,000	23%
Capital Planning	318,750	4%
<b>TOTAL</b>	<b>\$8,820,030</b>	<b>100%</b>

## OPERATING

Per state law, funds from the Triangle Transit Tax cannot be used to supplant funds to existing operations or capital projects from before the time the transit tax was instituted, except for a portion of vehicle registration fees that can be used to offset increasing cost of existing service (ICES). Therefore, all operations projects, except ICES, are new services or expansions of previously existing services. The descriptions below are only for new operations services or funding for FY21.

## ROUTE IMPROVEMENTS

Additional funding for operations in FY21 will allow CHT to implement the preferred alternative from its Short Range Transit Plan (SRTP) in August 2020. The

additional service will create high frequency transit (15 minute or better headways) on 11 routes. Five routes will provide high frequency service (15 minute or better headways), which includes service for East Franklin Street.

In addition, new weekend service will be provided on seven routes, with changes made to other routes to accommodate the new service. A map and summary of these changes from the SRTP is shown beginning on page 7.

In addition to the improved service in Chapel Hill, service expansion will also take place on the Hillsborough Circulator. The number of service hours will be expanded; the current service from 8 am – 5 pm will increase to 7 am – 6 pm. Additionally, headways will be reduced from one hour to 30 minutes. This will be done by splitting the existing circulator into two separate routes. Each route has designated time points to allow for transfers from the northern circulator to the southern circulator, which includes transfer points to other OCPT fixed routes

## FARE COLLECTIONS

Two major changes to fare collections are addressed in FY21. First, GoTriangle buses are being updated to allow for mobile fare ticketing. This will allow passengers to pay fares and obtain passes on their smartphone, allowing for easier access for many riders and faster boardings allowing buses to run their routes faster.

The Youth GoPass was first offered in 2018, and allows youth between the ages of 13 and 18 to ride GoTriangle buses for free. While this is a valuable service, the loss of fare revenues has not been realized in the budget previously. Since this is a new service begun since 2013, it is eligible for reimbursement from the transit tax. The amount shown in the Work Plan is to address the decrease in fare revenue from implementation of the Youth GoPass.



## ADMINISTRATION

While the overall amount for administrative costs at GoTriangle and DCHC MPO are not changing significantly, the number of line items has increased to provide more transparency for what these administrative costs are being spent on. Tax district administration remains housed at GoTriangle, while SWG administration remains part of the DCHC MPO, with those administrative costs split equally between Durham and Orange counties.

## CAPITAL

Shrinking sales tax revenue continues to be a concern going into FY21, and it is still unclear how much of an economic toll will befall Orange County, and therefore how much of a decrease in revenue from original projections just six months ago will take place. In response, the three partners of the Work Plan, Orange County, GoTriangle, and DCHC MPO, have agreed to hold almost all new capital spending in reserve. The reserve funding will be released upon agreement of the SWG that economic conditions and transit tax revenues warrant the release of funds, as well as approval of a budget amendment by the GoTriangle Board of Trustees.

## NORTH-SOUTH BUS RAPID TRANSIT

Planning work continues for the N-S BRT, and unspent carryover funds amounting to \$2,076,248 is available to continue planning and engineering work on the line. An additional \$2,062,500 has been placed in the FY21 reserve budget should the funds be needed and revenues are sufficient to release the funds. As part of the resolution adopted by the governing boards in 2019, a supplemental \$8M was made available from transit tax revenues to support N-S BRT due to lack of state funding availability. Originally, \$1.5M of this supplemental funding was to be budgeted in FY21, but has been pushed back to FY22 due to the downward forecast of projected revenue and a need for more funds for operational support. CHT staff were consulted prior to the recommended delay of the

supplemental funds, as well as the placing of new FY21 funds in reserve, and staff concurred that both moves are appropriate.

## ONGOING CAPITAL PROJECTS

For a variety of reasons, planned capital projects in Orange County have been delayed or cancelled, and funding intended to be spent in FY20 moved forward to FY21. These include:

- Mebane Park-and-Ride Lot Improvements
- Estes Drive Bike/Ped Study and Improvements
- Morgan Creek Greenway
- Carrboro Bus Stop Improvements
- Hillsborough Train Station
- Hillsborough Train Station Bus Stops

All carryover funds from FY20 are immediately available in FY21 except for the two projects for the Hillsborough Train Station. In light of the downturn in transit tax revenues, and the fact that the North Carolina Department of Transportation (NCDOT), which is a major partner in the Hillsborough Train Station, also has cash flow and operations issues, it is very unlikely that these projects will move forward in FY21. Therefore, delaying access to the funding for the projects in the upcoming fiscal year is prudent. Town of Hillsborough staff were consulted and concurred with the moving of funds into the reserve budget.

## VEHICLE ACQUISITION

GoTriangle implemented a level buying bus acquisition strategy that will replace 1/12th of the fleet per year. The strategy includes approximately ten vehicle replacements annually with an ultimate goal of having a fleet average age of six years. The FY21 funding would allow GoTriangle to maintain the current fleet size with meeting the goal of reliable transportation for the residents within the County. However, due to the economic downturn and reduction in sales tax forecast, the funding for GoTriangle vehicle acquisition has been placed in the reserve budget for FY21.

## SURVEY AND PLANNING PROJECTS

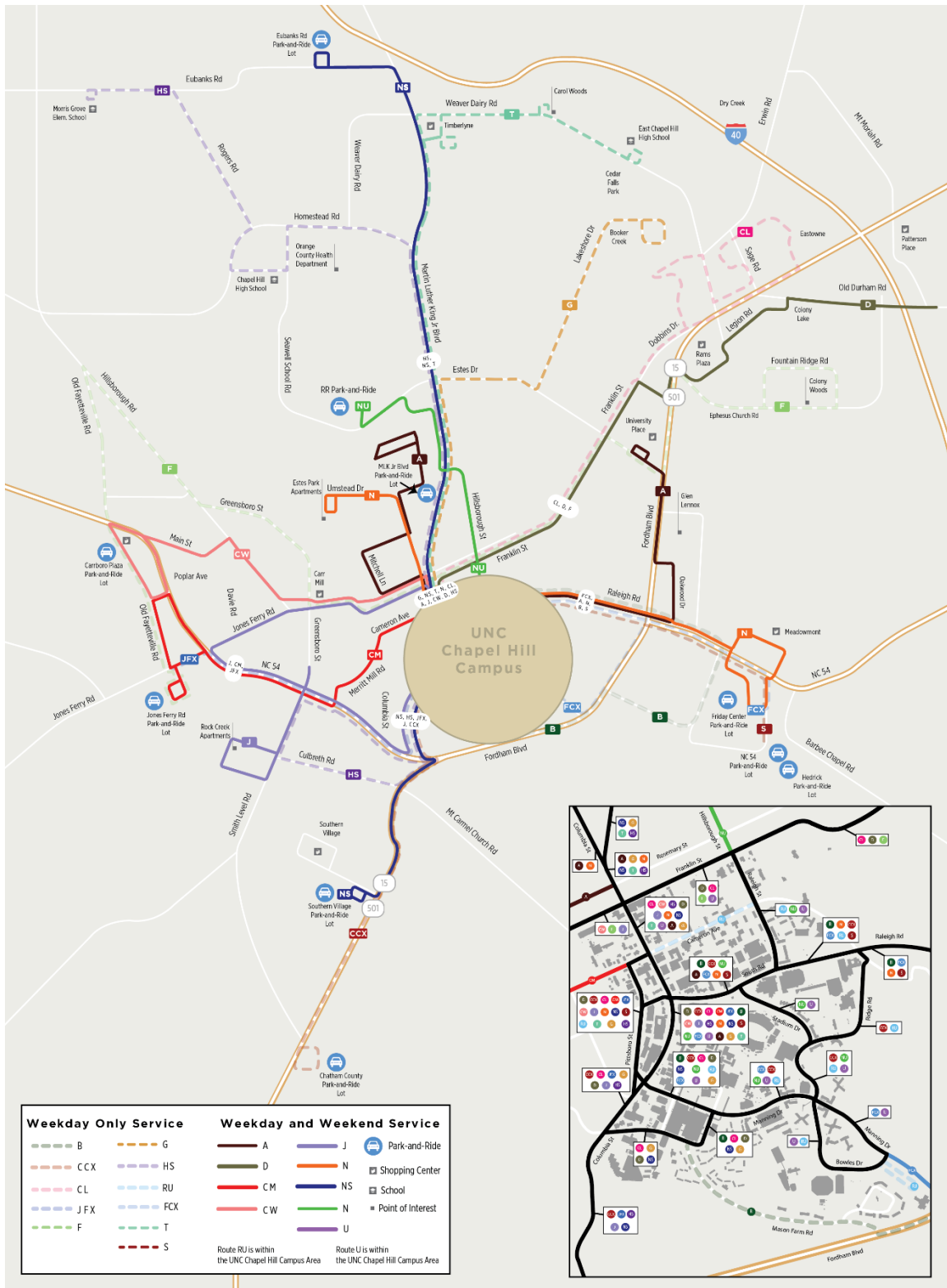
GoTriangle plans to undertake a Transit Facilities Study to assess elements of a larger fleet and facilities plan including possible relocation and/or expansion of the Nelson Road Bus Operations and Maintenance Facility (BOMF). The goal is to conduct a coordinated regional maintenance, storage, and charging station facility study. The study will also include a regional electric bus charging infrastructure needs assessment. This is the only new capital project in FY21 not to have its funds placed in the reserve budget, but rather have the \$37,500 available for immediate use in the upcoming fiscal year.

An On-board Origin-Destination Survey to record transit travel behavior and produce data available for analysis about transit travel markets is in the reserve budget. This survey information is an essential input into regional and FTA travel models, which influences the success of GoTriangle's submissions to the FTA's Capital Improvement Grants (CIG) program and the state's SPOT process. The last on-board survey in Durham was conducted in 2014. These surveys would also be done in Orange and Wake counties for greater efficiency.

# SHORT-RANGE TRANSIT PLAN

## Chapel Hill Transit

Figure 6-1 Preferred Alternative System Map





## SHORT-RANGE TRANSIT PLAN

### Chapel Hill Transit

**Figure 6-2 Preferred Alternative Service Summary**

Route	Summary of Changes	Frequency (minutes between buses)					Service Span	Peak Buses
		Morning Peak	Midday	Afternoon Peak	Night	Weekend		
A	Modified alignment to serve Hamilton Road and University Place.	60	60	60	60	60	6:30 AM - 8:30 PM (M-F) 8:00 AM - 7:00 PM (Sat-Sun)	1
B	Modified alignment to serve Ronald McDonald House and operate all-day.	30	30	30	-	-	7:00 AM - 6:00 PM (M-F)	1
CCX	No immediate change to this route would be recommended. If capacity issues emerge on Route NS, this route would deviate to address demand near Southern Village.	15	40	15	20	-	6:00 AM - 8:00 PM (M-F)	3
CL	The alignment of this route would be modified to provide service to Eastowne Drive, Coleridge Dr, Sage Road, and Dobbins Drive. Service would be removed from Erwin Road north of Old Oxford Road. The area south of US 15-501 that is no longer served by this route will continue to be served by Route D.	20	30	20	60	-	6:30 AM - 10:00 PM (M-F)	3
CM	This route alignment would be simplified to remove the extension on Manning Drive to the Family Medical Center to provide more frequent and direct service. Frequency would be improved, and areas no longer served by Route CM would continue to be served by Route RU.	15	30	15	30	30	6:30 AM - 6:30 PM 9:00 AM - 6:00 PM (Sat-Sun)	2
CPX	This route would be replaced by modified Routes CM and JFX.	-	-	-	-	-	-	-
CW	Simplify route by removing the portion travelling down W Poplar Avenue to the Jones Ferry Road Park-and-Ride. Instead the route will serve a loop between NC 54, Old Fayetteville Road, and W Poplar Avenue.	20	30/60	30	60	60	7:00 AM - 9:00 PM (M-F) 8:30 AM - 6:30 PM (Sat-Sun)	3
D	Simplify route by removing the southern loop operating on Culbreth Road and providing service in both directions along Legion Road, Old Chapel Hill Road, and Mt. Moriah Road. The areas removed from service will continue to be served by Routes CL, HS, and J.	20	30	20	60	60	6:30 AM - 10:00 PM (M-F) 8:00 AM - 7:00 PM (Sat-Sun)	3
F	Modify route by removing the deviation to University Place and extending service to Carrboro Plaza and Jones Ferry Park-and-Ride lots. No weekend service would be offered.	60	60	60	60	-	6:30 AM - 9:30 PM (M-F)	2
FCX	No Change to alignment or service span. Morning peak frequency is reduced to seven minutes to provide additional running time and improve on-time performance. Midday service would be added between 10:45 AM and 12:15 PM, operating every 15 minutes.	7	15	10	20	-	5:00 AM - 8:30 PM (M-F)	5
G	The alignment for this route would be altered to provide service from Lakeshore Drive to UNC-Chapel Hill campus only. No weekend service would be offered.	60	60	60	-	-	7:00 AM - 6:00 PM (M-F)	1
HS	Simplify route by removing the loop connecting Seawell School Road and Estes Drive and extending service further south on Martin Luther King Jr. Boulevard into UNC-Chapel Hill and Culbreth Road. Service would no longer operate on Hillsborough Street or Franklin Avenue.	35	35	35	35	-	6:00 AM - 8:00 PM (M-F)	2
HU	This route would be replaced by modified Route B.	-	-	-	-	-	-	-
J	Weekend service would be added.	15	20	15	40	40	6:30 AM - 12:00 AM (M-F) 8:00 AM - 9:00 PM (Sat) 8:00 AM - 7:00 PM (Sun)	6
JFX	Simplify route by removing the loop at Old Fayetteville Road and West Poplar Avenue. Service hours extended to operate all day and provide evening service to Jones Ferry Park-	15	15	15	15	-	6:30 AM - 8:00 PM (M-F)	2

## SHORT-RANGE TRANSIT PLAN

### Chapel Hill Transit

Route	Summary of Changes	Frequency (minutes between buses)					Service Span	Peak Buses
		Morning Peak	Midday	Afternoon Peak	Night	Weekend		
	and-Ride after 6:30pm, when Route CM stops running. The areas removed from service would continue to be served by Route CM.							
N	Weekday and weekend route alignment would be altered to provide service to Meadowmont Village. Route N would replace portions of existing Route V.	60	60	60	60	60	6:30 AM - 8:00 PM (M-F) 8:00 AM - 7:00 PM (Sat-Sun)	1
NS	Weekend service would be added.	7.5	15	10	30/40	40	5:30 AM - 11:30 PM (M-F) 8:00 AM - 9:00 PM (Sat) 8:00 AM - 7:00 PM (Sun)	10
NU	This route would be simplified to provide service in both directions on Hillsborough.	12/15	20	20	40	40	7:00 AM - 10:30 PM (M-F) 11:30 AM - 11:30 PM (Sat-Sun)	4
RU	No change.	10	15	10	15	-	7:00 AM - 8:30 PM (M-F)	3
S	Service would be removed from Manning Drive and US 15-501 to improve on-time performance.	10	20/35	10	25	-	6:30 AM - 8:00 PM (M-F)	3
T	Alignment would be shortened through UNC campus. No weekend service would be provided.	60	60	60	-	-	7:00 AM - 6:00 PM (M-F)	1
U	No change.	15	15	15	15/25	25	7:00 AM - 8:00 PM (M-F) 10:30 AM - 7:00 PM (Sat-Sun)	2
V	This route would be replaced by a modified Route N and existing service on Route NS.	-	-	-	-	-	-	-
FG	This existing Saturday-only route would be eliminated and replaced by new weekend service on Route A.	-	-	-	-	-	-	-
JN	This existing Saturday-only route would be eliminated and replaced by new weekend service on Route J and Route N.	-	-	-	-	-	-	-

Orange Workplan - Operating

Agency	FY 20 Adopted	FY 2021 Submission	Notes
DCHC MPO	\$55,365	\$56,750	
GoTriangle	\$1,732,335	\$1,738,000	
Orange County / OPT	\$710,393	\$743,800	
Chapel Hill / CHT	\$1,875,403	\$2,198,700	
TownofCarrboro	\$0	\$0	
TownofHillsborough	\$0	\$0	
Total Operating (Agency)	\$4,373,495	\$4,737,250	
Tax District Administration	\$85,300	\$245,700	
Transit Plan Administration	\$784,367	\$524,150	
Transit Operations	\$3,503,829	\$3,967,400	
Total Operating (Appropriation Category)	\$4,373,495	\$4,737,250	
Total Operating	\$4,373,495	\$4,737,250	
Total Capital	\$9,529,571	\$37,500	
TOTAL Orange Workplan	\$13,903,066	\$4,774,750	

Agency	Workplan Project ID	Project	Category	FY 20 Adopted	FY 2021 Submission	Notes
DCHC MPO	19MPO_AD1	Staff Working Group Administrator	Transit Plan Administration	55,365	56,750	
GoTriangle	21GOTAD1	Tax District Administration - Financial Oversight Staff	Tax District Administration	-	125,700	Renamed
GoTriangle	21GOTAD11	Tax District Administration - Financial Oversight - Support Services (O)	Tax District Administration	-	120,000	Renamed
GoTriangle	20GOTAD2	Transit Plan Administration - Program Management Staff	Transit Plan Administration	-	23,800	Renamed
GoTriangle	21GOTAD3	Transit Plan Administration - Project Implementation Staff	Transit Plan Administration	-	161,200	Renamed
GoTriangle	20GOTAD13	TPA - Transit Planning - Support Services	Transit Plan Administration	-	30,000	Renamed
GoTriangle	21GOTAD4	TPA - Legal and Real Estate - Support Staff	Transit Plan Administration	-	89,000	Renamed
GoTriangle	21GOTAD5	TPA - Marketing , Communication and PE - Support Staff	Transit Plan Administration	-	49,700	Renamed
GoTriangle	21GOTAD12	TPA - Marketing, Communication and PE - Support Services	Transit Plan Administration	-	30,000	Renamed
GoTriangle	21GOTAD6	TPA - Regional Technology and Administration - Support Staff	Transit Plan Administration	-	72,700	Renamed
GoTriangle	18GOTAD10	Customer Surveys	Transit Plan Administration	-	11,000	
GoTriangle	20GOT_TS2	Route 800 Improvements	Transit Operations	375,985	381,200	
GoTriangle	20GOT_TS3	Route 400 Improvements	Transit Operations	310,653	326,700	
GoTriangle	20GOT_TS5	Route ODX	Transit Operations	139,777	178,500	
GoTriangle	20GOT_TS6	Route CRX Improvements	Transit Operations	49,302	61,400	
GoTriangle	20GOT_TS9	Route 405 Improvements	Transit Operations	17,890	20,600	
GoTriangle	19GOT_TS8	Paratransit expansion	Transit Operations	24,426	21,600	
GoTriangle	21GOT_OO1	Youth Gopass	Transit Operations	-	16,900	NEW
GoTriangle	21GOT_OO2	Fare Collection Improvements (D)	Transit Operations	-	18,000	NEW
GoTriangle	19GOT_AD1 [Discontinued ID / revis	.25 FTE for Tax District Admin	Tax District Administration	22,350	-	Replaced
GoTriangle	20GOT_AD1 [Discontinued ID / revis	.5 FTE for Sr. Financial Analyst	Tax District Administration	62,950	-	Replaced
GoTriangle	20GOT_AD2 [Discontinued ID / revis	Support Services	Transit Plan Administration	617,752	-	Replaced
GoTriangle	20GOT_AD3 [Discontinued ID / revis	Support - Consultant	Transit Plan Administration	111,250	-	Replaced
Orange County / OPT	19OPT_TS1	Continuation of Transit Services	Transit Operations	275,061	286,400	
Orange County / OPT	19OPT_TS2	Increased Cost of Existing Services	Transit Operations	93,364	78,700	
Orange County / OPT	20OPT_TS2	Alamance (Health) Connector	Transit Operations	120,640	-	Expansion
Orange County / OPT	20OPT_TS3	Cedar Grove - Durham Express	Transit Operations	60,320	-	
Orange County / OPT	20OPT_TS4	Hillsborough Circulator Expansion	Transit Operations	30,160	30,200	
Orange County / OPT	20OPT_TS5	Hillsborough Circulator II	Transit Operations	94,656	221,600	Expansion
Orange County / OPT	20OPT_TS6	Mobility on Demand	Transit Operations	36,192	126,900	Expansion
Chapel Hill / CHT	19CHT_TS1	Service Expansion FY21	Transit Operations	285,551	293,100	
Chapel Hill / CHT	19CHT_TS2	Increased Cost of Existing Services	Transit Operations	588,661	588,700	
Chapel Hill / CHT	19CHT_TS3	Existing Service Expansion FY13-FY20	Transit Operations	1,001,191	1,316,900	

Total Operating By Project	-	4,373,495	4,737,250	
	FY 20 Adopted	FY 2021 Submission		
		34,900	NEW	
	251,488	348,500	Expansion	

Orange Transit Work Plan - FY20 Adopted/FY 21 Base Requests

Orange Workplan - Capital

Agency	FY 20 Adopted	FY 20 Estimated Carryover	FY 2021 Submission	FY 2021 Reserve	Notes
DCHC MPO	\$0	\$0	\$0	\$0	
GoTriangle	\$1,483,139	\$1,067,536	\$37,500	\$1,184,250	
Orange County / OPT	\$1,791,688	\$1,732,358	\$0	\$0	
Chapel Hill / CHT	\$4,793,112	\$2,515,316	\$0	\$2,062,500	
TownofCarrboro	\$1,026,735	\$905,800	\$0	\$0	
TownofHillsborough	\$434,897	\$0	\$0	\$434,900	
Total Capital (Agency)	\$9,529,571	\$6,221,010	\$37,500	\$3,681,650	

Agency	FY 20 Adopted	FY 20 Estimated Carryover	FY 2021 Submission	FY 2021 Reserve	Notes
Transit Infrastructure	\$3,638,322	\$2,428,908	\$0	\$434,900	
Vehicle Acquisition	\$2,002,349	\$604,154	\$0	\$903,000	
BRT	\$2,513,215	\$2,076,248	\$0	\$2,062,500	
LRT	\$518,460	\$345,714	\$0	\$0	
CRT	\$75,000	\$0	\$0	\$0	
Capital Planning	\$282,225	\$265,986	\$37,500	\$281,250	
Transit Plan Development	\$500,000	\$500,000	\$0	\$0	
Total Capital (Appropriation Category)	\$9,529,571	\$6,221,010	\$37,500	\$3,681,650	

Total Operating	\$4,373,495	\$4,737,250
Total Capital	\$9,529,571	\$37,500
TOTAL Orange Workplan	\$13,903,066	\$4,774,750

Agency	Workplan Project ID	Project	Category	FY 20 Adopted	FY 20 Estimated Carryover	FY 2021 Submission	FY 2021 Reserve	Notes
GoTriangle	19GOT_CO1	ERP System - Transit Plan	Capital Planning	239,152	222,913	-		FY20Q4 carryover
GoTriangle	20GOT_CD1	Commuter Rail Project Development	CRT	75,000	-	-		FY20 Expense
GoTriangle	20GOT_CD2	Light Rail Transit	LRT	518,460	345,714	-		FY20Q4 carryover
GoTriangle	18GOT_CD8	Hillsborough Park and Ride	Transit Infrastructure	145,723	76,415	-		FY20Q4 carryover
GoTriangle	18GOT_CD9	Hillsborough Transfer Center	Transit Infrastructure	-		-		
GoTriangle	18GOT_CD10	Bus Stop Improvement in Carrboro	Transit Infrastructure	26,574	-	-		Discontinued
GoTriangle	18GOT_CD11	Mebane Bus Stop Improvement	Transit Infrastructure	10,630	10,630	-		Transfer to FY21
GoTriangle	18GOT_CD12	Bus Stop Improvements (Orange County)	Transit Infrastructure	331,100	301,100	-		FY20Q4 carryover
GoTriangle	19GOT_CD1	RTC Facility Feasibility Study - Orange	Transit Infrastructure	62,500	36,764	-		FY20Q4 carryover
GoTriangle	20GOT_CD3	Mobile Ticket Validators - Orange share (includes Route 420)	Transit Infrastructure	74,000	74,000	-		FY20Q4 carryover
GoTriangle	21GOT_VP1	Vehicle acquisition and replacement	Vehicle Acquisition	-		-	903,000	NEW [in Reserve]
GoTriangle	21GOT_CO1	Origin Destination Survey	Capital Planning	-		-	250,000	NEW [in Reserve]
GoTriangle	21GOT_CO2	GoTriangle Short Range Transit Plan	Capital Planning	-		-	31,250	NEW [in Reserve]
GoTriangle	21GOT_CO3	Transit Facilities Study	Capital Planning	-		37,500		NEW
Orange County / OPT	19OPT_CD1	Bus Stop Improvement (5 OPT Stops) Short Term	Transit Infrastructure	137,864	137,864	-		FY20Q4 carryover
Orange County / OPT	20OPT_CD1	15 OPT Bus Stop Signs	Transit Infrastructure	1,594	1,594	-		FY20Q4 carryover
Orange County / OPT	20OPT_CD2	Hillsborough Park-and-Ride - 3(Orange County -Construction)	Transit Infrastructure	800,000	800,000	-		FY20Q4 carryover
Orange County / OPT	19OPT_VP1	OPT Vehicle Purchases	Vehicle Acquisition	35,731	-	-		FY20 Expense
Orange County / OPT	20OPT_VP2	OPT Vehicle Purchases	Vehicle Acquisition	43,926	20,327	-		FY20Q4 carryover
Orange County / OPT	19OPT_AD1	AVL	Capital Planning	43,073	43,073	-		FY20Q4 carryover
Orange County / OPT	20OPT_AD2	Planning for new Transit Plan	Transit Plan Development	500,000	500,000	-		FY20Q4 carryover
Orange County / OPT	20OPT_VP3	OPT Vehicle Purchases	Vehicle Acquisition	229,500	229,500	-		FY20Q4 carryover
Chapel Hill / CHT	19CHT_CD1	North-South BRT	BRT	1,513,215	1,076,248	-	2,062,500	FY20Q4 carryover
Chapel Hill / CHT	20CHT_CD1	North-South BRT Supplemental	BRT	1,000,000	1,000,000	-		FY20Q4 carryover
Chapel Hill / CHT	20OPT_CD2	CHT CHT ADA Bus Stop Upgrades	Transit Infrastructure	448,815	-	-		FY20Q4 carryover
Chapel Hill / CHT	19CHT_CD3	UNC Manning Drive Bus Station	Transit Infrastructure	-		-		
Chapel Hill / CHT	20CHT_CD1	Lighting in bus shelters	Transit Infrastructure	53,148	-	-		FY20Q4 carryover
Chapel Hill / CHT	20CHT_CD2	Bus Stop Sign Design and Replacement	Transit Infrastructure	84,741	84,741	-		FY20Q4 carryover
Chapel Hill / CHT	19CHT_VP1	CHT Vehicle Purchases	Vehicle Acquisition	1,541,192	316,327	-		FY20Q4 carryover
Chapel Hill / CHT	20CHT_VP2	CHT Vehicle Purchases [ICES allocation]	Vehicle Acquisition	152,000	38,000	-		FY20 Expense
TownofCarrboro	18TOC_CD1	Estes Drive Bike-Ped Improvements	Transit Infrastructure	47,373	47,400	-		Transfer to FY21
TownofCarrboro	18TOC_CD2	Estes Drive Transit Access/Corridor Study	Transit Infrastructure	106,296	106,300	-		Transfer to FY21
TownofCarrboro	18TOC_CD3	Bus Stop Improvements	Transit Infrastructure	120,889		-		FY20Q4 carryover
TownofCarrboro	18TOC_CD4	Morgan Creek Greenway	Transit Infrastructure	199,837	199,800	-		Transfer to FY21
TownofCarrboro	18TOC_CD5	South Greensboro St. Sidewalk	Transit Infrastructure	552,340	552,300	-		FY20Q4 carryover
TownofHillsborough	18TOH_CD1	Hillsborough Train Station	Transit Infrastructure	401,000	-	-	401,000	Transfer to FY21 [in Reserve]
TownofHillsborough	20TOH_CD2	Hillsborough Train Station Bus Stop Improvements	Transit Infrastructure	33,897	-	-	33,900	Transfer to FY21 [in Reserve]
Total Capital By Project		-	-	9,529,571	6,221,010	37,500	3,681,650	-
				FY 20 Adopted	FY 20 Estimated Carryover	FY 2021 Submission		
						37,500		NEW
				364,136	364,130	-		Transfer to FY21
				8,441,233	5,818,880	-		FY20Q4 carryover
				262,731	38,000	-		FY20 Expense
				26,574	-	-		Discontinued
				9,094,674	6,221,010	37,500		Total

## Triangle Transit Tax District: Orange County

FY21 Triangle Tax District:	
<b>Revenues</b>	
<b>Tax District Revenues</b>	
Article 43 Half-Cent Sales and Use Tax	\$ 7,104,000
Article 50 Five-Percent Vehicle Rental Tax	\$ 544,300
Article 51 Three-Dollar Increase to Regional Vehicle Registration Fee	\$ 332,000
Article 52 Seven-Dollar County Vehicle Registration Fee	\$ 775,000
Prior Year Capital Carryover - Estimate <sup>1</sup>	\$ 6,655,910
<b>Total Revenues</b>	<b>\$ 15,411,210</b>
<b>Expenditures</b>	
<b>Tax District Administration</b>	
Staff Costs	\$ 125,700
Support Services	\$ 120,000
<b>Transit Plan Administration</b>	
DCHC MPO	\$ 56,750
GoTriangle	\$ 467,400
<b>Transit Operations</b>	
GoTriangle	\$ 1,024,900
Orange County / OPT	\$ 743,800
Chapel Hill / CHT	\$ 2,198,700
<b>Total FY21 Operating Allocation</b>	<b>\$ 4,737,250</b>
<b>Vehicle Acquisition</b>	
GoTriangle	\$ -
<b>Capital Planning</b>	
GoTriangle	\$ 37,500
<b>BRT</b>	
Chapel Hill / CHT	\$ -
<b>Total FY21 Capital Allocation <sup>2</sup></b>	<b>\$ 37,500</b>
<b>Total FY21 Workplan Programmed Expenditure*</b>	<b>\$ 4,774,750</b>
<b>Prior Year Capital Carryover - Estimate</b>	<b>\$ 6,221,010</b>
<b>Programmed Capital to Reserve <sup>3</sup></b>	<b>\$ 3,681,650</b>
<b>Unassigned - Reserve</b>	<b>\$ 733,800</b>
<b>Total Programmed Expenditures*</b>	<b>\$ 15,411,210</b>
<b>Revenues over Expenditures</b>	<b>\$ -</b>

\* NOTE:

<sup>1</sup> Includes carryover for 18TOH\_CD1 and 18TOH\_CD2 currently in reserve

<sup>2</sup> FY21 Capital allocation does not include \$3,681,650 capital programming to reserve

<sup>3</sup> Programmed Capital to reserve includes new FY21 capital projects, 18TOH\_CD1 and 18TOH\_CD2



Triangle Tax District --- Orange Capital  
CAPITAL EXPENDITURES, CARRYOVER ESTIMATES

ORANGE COUNTY			Orange Budget	Orange Actuals Q1	Orange Actuals Q2	Orange Actuals Q3	Orange Estimates Q4*	Orange YTD Total	Orange Budget Carryover to FY21 (Estimate June 9, 2020)
<b>Vehicle Purchase</b>									
Chapel Hill Transit	19CHT_VP1	CHT-Vehicle Purchases	\$ 1,541,192	\$ 1,224,865	\$ -	\$ -		\$ 1,224,865	\$ 316,327
Chapel Hill Transit	20CHT_VP2	ICES towards VP	\$ 152,000	\$ 38,000	\$ -	\$ 76,000		\$ 114,000	\$ 38,000
Orange Public Transit	19OPT_VP1	OPT-VP	\$ 35,731	\$ -	\$ 35,731	\$ -	\$ -	\$ 35,731	\$ -
Orange Public Transit	20OPT_VP2	OPT-VP	\$ 43,926	\$ -	\$ 23,599	\$ -	\$ -	\$ 23,599	\$ 20,327
Orange Public Transit	20OPT_VP3	OPT- Mobility and on demand vehicles	\$ 229,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 229,500
<b>Total Vehicle Purchase</b>			\$ 2,002,349	\$ 1,262,865	\$ 59,330	\$ 76,000	\$ -	\$ 1,398,195	\$ 604,154
<b>Transit Infrastructure</b>									
Carrboro	18TOC_CD1	Estes Drive Bike-Ped Improvements	\$ 47,373	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,373
Carrboro	18TOC_CD2	Estes Drive Transit Access/Corridor Study	\$ 106,296	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 106,296
Carrboro	18TOC_CD3	Bus Stop improvements (Rogers Road)	\$ 120,889	\$ -	\$ -	\$ 114,481	\$ 6,408	\$ 120,889	\$ -
Carrboro	18TOC_CD4	Morgan Creek Greenway	\$ 199,837	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 199,837
Carrboro	19TOC_CD1	South Greensboro St. Sidewalk	\$ 552,340	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 552,340
Chapel Hill Transit	20CHT_CD1	Lighting in bus shelters	\$ 53,148	\$ -	\$ -	\$ -	\$ 53,148	\$ 53,148	\$ 0
Chapel Hill Transit	19CHT_CD2	ADA Bus Stop Upgrades	\$ 448,815	\$ -	\$ -	\$ -	\$ 448,815	\$ 448,815	\$ -
Chapel Hill Transit	20CHT_CD2	Bus Stop Sign Design and Replacement	\$ 84,741	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 84,741
Chapel Hill Transit	19CHT_CD1	CHT-NSBRT	\$ 1,513,215	\$ 286,968	\$ -	\$ -	\$ 150,000	\$ 436,968	\$ 1,076,248
Chapel Hill Transit	20CHT_CD3	CHT-NSBRT - NEW Request	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
GoTriangle	18GOT_CD8	Hillsborough Park-and-Ride - 3	\$ 145,723	\$ -	\$ 2,086	\$ 300	\$ 66,922	\$ 69,308	\$ 76,415
GoTriangle	18GOT_CD10**	GoT Bus Stop Improvement in Carrboro	\$ 26,574	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GoTriangle	18GOT_CD11	Mebane Bus Stop Improvement	\$ 10,630	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,630
GoTriangle	18GOT_CD12	GoT Bus Stop Improvements in Orange	\$ 331,100	\$ 6,000	\$ 24,000	\$ -	\$ -	\$ 30,000	\$ 301,100
GoTriangle	19GOT_CD1	RTC Feasibility Study	\$ 62,500	\$ -	\$ 6,057	\$ 9,993	\$ 9,686	\$ 25,736	\$ 36,764
GoTriangle	20GOT_CD3	Mobile Ticket Validators - Orange share (includes Route 420)	\$ 74,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 74,000
Town of Hillsborough	18TOH_CD1	Hillsborough Train Station	\$ 401,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 401,000
Town of Hillsborough	20TOH_CD1	Hillsborough Train Station Bus Stop Improvements	\$ 33,897	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,897
Orange Public Transit	20OPT_CD1	OPT 15 OPT Bus Stop Signs	\$ 1,594	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,594
Orange Public Transit	19OPT_CD1	OPT Bus stop improvement (5 OPT stops)	\$ 137,864	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 137,864
Orange Public Transit	19OPT_AD1	OPT - AVL	\$ 43,073	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,073
Orange Public Transit	20OPT_CD2	Hillsborough Park-and-Ride - 3 (Orange County -Construction)	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000
<b>Total Transit Infrastructure</b>			\$ 6,194,609	\$ 292,968	\$ 32,143	\$ 124,774	\$ 734,980	\$ 1,184,864	\$ 4,983,171
<b>Capital - Other</b>									
GoTriangle	20GOT_CD1	Commuter Rail Feasibility Study	\$ 75,000	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000	\$ -
GoTriangle	19GOT_CO1	ERP - Phase 1 / Phase 2 / Phase 3 implementation	\$ 239,152	\$ 2,105	\$ 2,776	\$ 7,041	\$ 4,317	\$ 16,239	\$ 222,913
Orange County	20OPT_AD2	Planning for new Transit Plan	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000
<b>Total Capital - Other</b>			\$ 814,152	\$ 77,105	\$ 2,776	\$ 7,041	\$ 4,317	\$ 91,239	\$ 722,913
<b>DOLRT Wind-Down</b>									
GoTriangle	20GOT_CD2	DO LRT Wind Down Costs	\$ 518,460	\$ 37,135	\$ 21,593	\$ 96,518	\$ 17,500	\$ 172,746	\$ 345,714
<b>Total DOLRT Wind-Down</b>			\$ 518,460	\$ 37,135	\$ 21,593	\$ 96,518	\$ 17,500	\$ 172,746	\$ 345,714
<b>Total Capital Expenditures</b>			\$ 9,529,570	\$ 1,670,072	\$ 115,842	\$ 304,333	\$ 756,797	\$ 2,847,044	\$ 6,655,953

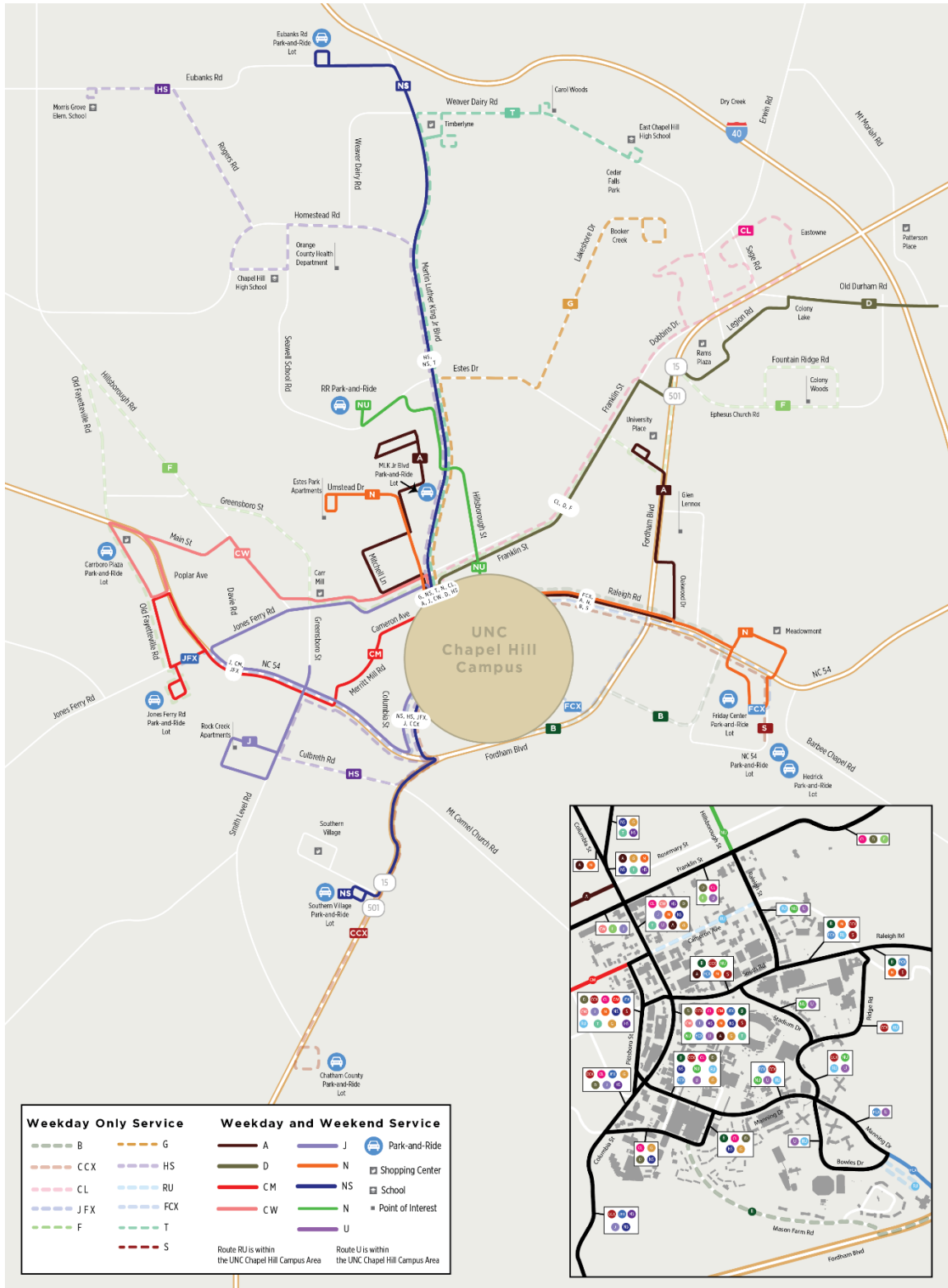
\* FY20 Q4 Estimates will be reconciled based on actuals reimbursements at the end of the financial year. Estimates as of May 31, 2020

\*\*18GOT\_CD10 Discontinued - budget - allocation returned to fund reserve.

# SHORT-RANGE TRANSIT PLAN

## Chapel Hill Transit

Figure 6-1 Preferred Alternative System Map



**SHORT-RANGE TRANSIT PLAN**  
Chapel Hill Transit

**Figure 6-2 Preferred Alternative Service Summary**

Route	Summary of Changes	Frequency (minutes between buses)					Service Span	Peak Buses
		Morning Peak	Midday	Afternoon Peak	Night	Weekend		
A	Modified alignment to serve Hamilton Road and University Place.	60	60	60	60	60	6:30 AM - 8:30 PM (M-F) 8:00 AM - 7:00 PM (Sat-Sun)	1
B	Modified alignment to serve Ronald McDonald House and operate all-day.	30	30	30	-	-	7:00 AM - 6:00 PM (M-F)	1
CCX	No immediate change to this route would be recommended. If capacity issues emerge on Route NS, this route would deviate to address demand near Southern Village.	15	40	15	20	-	6:00 AM - 8:00 PM (M-F)	3
CL	The alignment of this route would be modified to provide service to Eastowne Drive, Coleridge Dr, Sage Road, and Dobbins Drive. Service would be removed from Erwin Road north of Old Oxford Road. The area south of US 15-501 that is no longer served by this route will continue to be served by Route D.	20	30	20	60	-	6:30 AM - 10:00 PM (M-F)	3
CM	This route alignment would be simplified to remove the extension on Manning Drive to the Family Medical Center to provide more frequent and direct service. Frequency would be improved, and areas no longer served by Route CM would continue to be served by Route RU.	15	30	15	30	30	6:30 AM - 6:30 PM 9:00 AM - 6:00 PM (Sat-Sun)	2
CPX	This route would be replaced by modified Routes CM and JFX.	-	-	-	-	-	-	-
CW	Simplify route by removing the portion travelling down W Poplar Avenue to the Jones Ferry Road Park-and-Ride. Instead the route will serve a loop between NC 54, Old Fayetteville Road, and W Poplar Avenue.	20	30/60	30	60	60	7:00 AM - 9:00 PM (M-F) 8:30 AM - 6:30 PM (Sat-Sun)	3
D	Simplify route by removing the southern loop operating on Culbreth Road and providing service in both directions along Legion Road, Old Chapel Hill Road, and Mt. Moriah Road. The areas removed from service will continue to be served by Routes CL, HS, and J.	20	30	20	60	60	6:30 AM - 10:00 PM (M-F) 8:00 AM - 7:00 PM (Sat-Sun)	3
F	Modify route by removing the deviation to University Place and extending service to Carrboro Plaza and Jones Ferry Park-and-Ride lots. No weekend service would be offered.	60	60	60	60	-	6:30 AM - 9:30 PM (M-F)	2
FCX	No Change to alignment or service span. Morning peak frequency is reduced to seven minutes to provide additional running time and improve on-time performance. Midday service would be added between 10:45 AM and 12:15 PM, operating every 15 minutes.	7	15	10	20	-	5:00 AM - 8:30 PM (M-F)	5
G	The alignment for this route would be altered to provide service from Lakeshore Drive to UNC-Chapel Hill campus only. No weekend service would be offered.	60	60	60	-	-	7:00 AM - 6:00 PM (M-F)	1
HS	Simplify route by removing the loop connecting Seawell School Road and Estes Drive and extending service further south on Martin Luther King Jr. Boulevard into UNC-Chapel Hill and Culbreth Road. Service would no longer operate on Hillsborough Street or Franklin Avenue.	35	35	35	35	-	6:00 AM - 8:00 PM (M-F)	2
HU	This route would be replaced by modified Route B.	-	-	-	-	-	-	-
J	Weekend service would be added.	15	20	15	40	40	6:30 AM - 12:00 AM (M-F) 8:00 AM - 9:00 PM (Sat) 8:00 AM - 7:00 PM (Sun)	6
JFX	Simplify route by removing the loop at Old Fayetteville Road and West Poplar Avenue. Service hours extended to operate all day and provide evening service to Jones Ferry Park-	15	15	15	15	-	6:30 AM - 8:00 PM (M-F)	2

## SHORT-RANGE TRANSIT PLAN

### Chapel Hill Transit

Route	Summary of Changes	Frequency (minutes between buses)					Service Span	Peak Buses
		Morning Peak	Midday	Afternoon Peak	Night	Weekend		
	and-Ride after 6:30pm, when Route CM stops running. The areas removed from service would continue to be served by Route CM.							
N	Weekday and weekend route alignment would be altered to provide service to Meadowmont Village. Route N would replace portions of existing Route V.	60	60	60	60	60	6:30 AM - 8:00 PM (M-F) 8:00 AM - 7:00 PM (Sat-Sun)	1
NS	Weekend service would be added.	7.5	15	10	30/40	40	5:30 AM - 11:30 PM (M-F) 8:00 AM - 9:00 PM (Sat) 8:00 AM - 7:00 PM (Sun)	10
NU	This route would be simplified to provide service in both directions on Hillsborough.	12/15	20	20	40	40	7:00 AM - 10:30 PM (M-F) 11:30 AM - 11:30 PM (Sat-Sun)	4
RU	No change.	10	15	10	15	-	7:00 AM - 8:30 PM (M-F)	3
S	Service would be removed from Manning Drive and US 15-501 to improve on-time performance.	10	20/35	10	25	-	6:30 AM - 8:00 PM (M-F)	3
T	Alignment would be shortened through UNC campus. No weekend service would be provided.	60	60	60	-	-	7:00 AM - 6:00 PM (M-F)	1
U	No change.	15	15	15	15/25	25	7:00 AM - 8:00 PM (M-F) 10:30 AM - 7:00 PM (Sat-Sun)	2
V	This route would be replaced by a modified Route N and existing service on Route NS.	-	-	-	-	-	-	-
FG	This existing Saturday-only route would be eliminated and replaced by new weekend service on Route A.	-	-	-	-	-	-	-
JN	This existing Saturday-only route would be eliminated and replaced by new weekend service on Route J and Route N.	-	-	-	-	-	-	-

**Chapel Hill / ChapelHillTransit  
Summary of Project Requests**

**OPERATING**

<b>Summary of Project Requests (Administration and Operations)</b>		<b>Authorized Appropriation</b>		<b>Requested Appropriation</b>	
		<b>FY20</b>		<b>FY21</b>	
19CHT_TS1	Service Expansion FY21	\$	285,551	\$	293,100
19CHT_TS2	Increased Cost of Existing Services	\$	588,661	\$	588,700
19CHT_TS3	Existing Service Expansion FY13-FY20	\$	1,001,191	\$	1,316,900


<b>Total Operating Requests</b>	<b>\$</b>	<b>1,875,403</b>	<b>\$</b>	<b>2,198,700</b>
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**CAPITAL**

<b>Summary of Project Requests (Capital)</b>		<b>Authorized Appropriation</b>		<b>Requested Appropriation</b>	
		<b>FY20</b>		<b>FY21</b>	
19CHT_CD1	North-South BRT	\$	1,513,215	\$	2,062,500
20CHT_CD1	North-South BRT Supplemental	\$	1,000,000	\$	-
20OPT_CD2	CHT CHT ADA Bus Stop Upgrades	\$	448,815		
19CHT_CD3	UNC Manning Drive Bus Station	\$	-		
20CHT_CD1	Lighting in bus shelters	\$	53,148		
20CHT_CD2	Bus Stop Sign Design and Replacement	\$	84,741		
19CHT_VP1	CHT Vehicle Purchases	\$	1,541,192		
20CHT_VP2	CHT Vehicle Purchases [ICES allocation]	\$	152,000		

<b>Total Capital Requests</b>	<b>\$</b>	<b>4,793,112</b>	<b>\$</b>	<b>2,062,500</b>
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<b>Total Requested</b>	<b>\$</b>	<b>6,668,515</b>	<b>\$</b>	<b>4,261,200</b>
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 = New project request - (Highlight in Orange)

**Total Operating (Agency)**

Tax District Administration	\$0	\$0
Transit Plan Administration	\$0	\$0
Transit Operations	\$1,875,403	\$2,198,700

**FY2021 Transit Plan Allocation**

<b>LESS: Total Requested</b>	<b>\$0</b>	<b>\$0</b>
Transit Plan Allocation Remaining (shortfall)	-	-

**Total Capital (Agency)**

Transit Infrastructure	\$586,705	\$0
Vehicle Acquisition	\$1,693,192	\$0
BRT	\$2,513,215	\$2,062,500
LRT	\$0	\$0
CRT	\$0	\$0
Capital Planning	\$0	\$0
Transit Plan Development	\$0	\$0

**FY2021 Transit Plan Allocation**

<b>LESS: Total Requested</b>	<b>\$4,793,112</b>	<b>\$2,062,500</b>
Transit Plan Allocation Remaining (shortfall)	<b>4,793,111.91</b>	<b>2,062,500.00</b>



<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Transit Services</b>	<b>FY START DATE</b>	7/1/2020
19CHT_TS1			<b>FY 2021</b>	
Unique Request ID: [FY Project Start Year]	19			
[Three letter Agency]	CHT			
[Project Type]	TS			
[Unique Number]	001			

## Project Business Case

<b>Project Name</b>	<b>Requesting Agency</b>	<b>Project Contact</b>	<b>TTD Estimated Cost</b>	
Service Expansion FY21	Chapel Hill Transit	Nick Pittman	Current Year	\$ 293,100
<b>Estimated Start Date</b>	<b>Estimated Completion</b>	<b>Notes</b>		
August 15, 2020		Ongoing commitment beyond 2024		
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<p>The CHT Partners will receive options to expand peak hour service in response with overcrowding and also expansion of weekend/evening services. Once the Partner's have reviewed and provided input, service improvements for FY19 will not exceed 3100 hours per year. Service improvements will be discussed between November 2017 and April 2017. CHT Partners could elect to utilize FY19 funding to implement service improvements in FY20 as a result from the currently underway Short Range Transit Plan.</p>				

## Project Profile

**Where is this project located, who will this project serve and what are the key benefits?** (Ex. Improve Transit efficiency, levels of service, etc.)

<b>Project Location?</b>	<b>Who will this Project serve?</b>	<b>What are the key benefits?</b>
Chapel Hill	Current and future customers of Chapel Hill Transit	Improve peak hour services in response to overcrowding and customer demand.

## Project Monitoring Details

### Operating Projects

For bus operating projects, please provide:

a) Target Start Date	8/15/2018
b) Span	
c) Frequency	
d) Assets Used	
e) Geographic Termini	
f) Major Market Destinations Served	
g) Revenue Hours	3100

## Finance Estimates

Revenue							
Tax Revenue	FY19	FY20	FY21	FY22	FY23	FY24	Total
Durham - Orange County Tax Revenue	-	285,551	293,100	321,300	329,400	337,500	1,566,851
Other Revenue							
Federal							-
State							-
Other (Describe)							-
Subtotal Other	-	-	-	-	-	-	-
<b>TOTAL REVENUE</b>	<b>-</b>	<b>285,551</b>	<b>293,100</b>	<b>321,300</b>	<b>329,400</b>	<b>337,500</b>	<b>1,566,851</b>

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request							
OPERATING COSTS	FY19	FY20	FY21	FY22	FY23	FY24	Total
Growth Factors		2.50%	2.50%	2.50%	2.50%	2.50%	
Salary & Fringes			\$ -	\$ -	\$ -	\$ -	\$ -
Contracts			\$ -	\$ -	\$ -	\$ -	\$ -
Bus Operations:							
Estimated Hours		2,527	\$ 2,527	\$ 2,700	\$ 2,700	\$ 2,700	
Cost per Hour	113	113	\$ 116	\$ 119	\$ 122	\$ 125	
Estimated Operating Cost	\$ -	\$ 285,551	\$ 293,132	\$ 321,300	\$ 329,400	\$ 337,500	\$ 1,566,883
Bus Leases			\$ -	\$ -	\$ -	\$ -	\$ -
Park & Ride Lease			\$ -	\$ -	\$ -	\$ -	\$ -
Other -Bus (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
Other -Bus (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal: Bus Operations	\$ -	\$ 285,551	\$ 293,132	\$ 321,300	\$ 329,400	\$ 337,500	\$ 1,566,883
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL OPERATING COSTS</b>	<b>\$ -</b>	<b>\$ 285,551</b>	<b>\$ 293,100.00</b>	<b>\$ 321,300.00</b>	<b>\$ 329,400.00</b>	<b>\$ 337,500.00</b>	<b>\$ 1,566,883</b>

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

FY 21 expansion assumes services beginning in August. FY22 represents a full year of service hours. Chapel Hill Transit will implement its newly adopted Short Range Transit Plan(SRTP) in August 2020. The SRTP will create high frequency transit core (15 minute or better headways) on 11 routes (CCX, CL, CM, D, FCX, JFX, J, NS, NU, RU, and U as well as improved and expanded weekend service that will include new Sunday service.

<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Transit Services</b>	<b>FY START DATE</b>	7/1/2020
19CHT_TS2			<b>FY 2021</b>	
Unique Request ID: [FY Project Start Year]	19			
[Three letter Agency]	CHT			
[Project Type]	TS			
[Unique Number]	002			

## Project Business Case

<b>Project Name</b>	<b>Requesting Agency</b>	<b>Project Contact</b>	<b>TTD Estimated Cost</b>	
Increased Cost of Existing Services	Chapel Hill Transit	Nick Pittman	Current Year	\$ 588,700
<b>Estimated Start Date</b>	<b>Estimated Completion</b>	<b>Notes</b>		
August 15, 2018		Ongoing commitment beyond 2024		
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<p>The original Orange County Bus and Rail Investment Plan based operating cost on \$103 per hour. Since then operating costs have risen to \$113. In order to continue to fund these services, Chapel Hill Transit utilizes funds from the Orange County Transit Plan to offset some of these cost.</p>				

## Project Profile

**Where is this project located, who will this project serve and what are the key benefits?** (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
This project will consider projected demand for future services as a indicator to the need for expanded services.		

## Project Monitoring Details

### Operating Projects

For bus operating projects, please provide:

a) Target Start Date	8/15/2018
b) Span	
c) Frequency	
d) Assets Used	
e) Geographic Termini	
f) Major Market Destinations Served	
g) Revenue Hours	

## Finance Estimates

Revenue							
Tax Revenue	FY19	FY20	FY21	FY22	FY23	FY24	Total
Durham - Orange County Tax Revenue	778,066	588,661	588,700	603,400	618,500	633,900	3,811,227
Other Revenue							
Federal							-
State							-
Other (Describe)							-
Subtotal Other	-	-	-	-	-	-	-
<b>TOTAL REVENUE</b>	<b>778,066</b>	<b>588,661</b>	<b>588,700</b>	<b>603,400</b>	<b>618,500</b>	<b>633,900</b>	<b>3,811,227</b>

Transit Operations: Estimated appropriations to support expenses.

### Cost Break Down of Project Request

OPERATING COSTS	FY19	FY20	FY21	FY22	FY23	FY24	Total
Growth Factors		2.50%	2.50%	2.50%	2.50%	2.50%	
Salary & Fringes			\$ -	\$ -	\$ -	\$ -	\$ -
Contracts			\$ -	\$ -	\$ -	\$ -	\$ -
Bus Operations:							
Estimated Hours			\$ -	\$ -	\$ -	\$ -	
Cost per Hour			\$ -	\$ -	\$ -	\$ -	
Estimated Operating Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bus Leases			\$ -	\$ -	\$ -	\$ -	
Park & Ride Lease			\$ -	\$ -	\$ -	\$ -	
Other -Bus (Describe)			\$ -	\$ -	\$ -	\$ -	
Other -Bus (Describe)			\$ -	\$ -	\$ -	\$ -	
Subtotal: Bus Operations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)	778,066	588,661	588,661	603,377.53	618,461.96	633,923.51	3,811,151.00
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL OPERATING COSTS</b>	<b>\$ 778,066.00</b>	<b>\$ 588,661.00</b>	<b>\$ 588,700.00</b>	<b>\$ 603,400.00</b>	<b>\$ 618,500.00</b>	<b>\$ 633,900.00</b>	<b>\$ 3,811,151.00</b>

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

N/A

<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Transit Services</b>	<b>FY START DATE</b>	7/1/2020
19CHT_TS3			<b>FY 2021</b>	
Unique Request ID: [FY Project Start Year]	19			
[Three letter Agency]	CHT			
[Project Type]	TS			
[Unique Number]	003			

## Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Existing Service Expansion FY13-FY20	Chapel Hill Transit	Nick Pittman	Current Year	\$ 1,316,900
Estimated Start Date	Estimated Completion	Notes		
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
Continuation of funding for expansion services from FY13-FY20.				

## Project Profile

Where is this project located, who will this project serve and what are the key benefits? (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Chapel Hill	Current and future customers of Chapel Hill Transit	Improve peak hour services in response to overcrowding and customer demand.

## Project Monitoring Details

### Operating Projects

For bus operating projects, please provide:

a) Target Start Date	7/1/2012
b) Span	
c) Frequency	
d) Assets Used	
e) Geographic Termini	
f) Major Market Destinations Served	
g) Revenue Hours	8644

## Finance Estimates

Revenue							
Tax Revenue	FY19	FY20	FY21	FY22	FY23	FY24	Total
Durham - Orange County Tax Revenue	976,772	1,001,191	1,316,900	1,350,100	1,383,300	1,416,400	7,444,663
Other Revenue							
Federal							-
State							-
Other (Describe)							-
Subtotal Other	-	-	-	-	-	-	-
<b>TOTAL REVENUE</b>	<b>976,772</b>	<b>1,001,191</b>	<b>1,316,900</b>	<b>1,350,100</b>	<b>1,383,300</b>	<b>1,416,400</b>	<b>7,444,663</b>

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request							
OPERATING COSTS	FY19	FY20	FY21	FY22	FY23	FY24	Total
Growth Factors		2.50%	2.50%	2.50%	2.50%	2.50%	
Salary & Fringes			\$ -	\$ -	\$ -	\$ -	\$ -
Contracts			\$ -	\$ -	\$ -	\$ -	\$ -
Bus Operations:							
Estimated Hours	8,644	8,644	\$ 11,066	\$ 11,066	\$ 11,066	\$ 11,066	
Cost per Hour	113	116	\$ 119	\$ 122	\$ 125	\$ 128	
Estimated Operating Cost	\$ 976,772	\$ 1,001,191	\$ 1,316,854	\$ 1,350,052	\$ 1,383,250	\$ 1,416,448	\$ 7,444,567
Bus Leases			\$ -	\$ -	\$ -	\$ -	
Park & Ride Lease			\$ -	\$ -	\$ -	\$ -	
Other -Bus (Describe)			\$ -	\$ -	\$ -	\$ -	
Other -Bus (Describe)			\$ -	\$ -	\$ -	\$ -	
Subtotal: Bus Operations	\$ 976,772	\$ 1,001,191	\$ 1,316,854	\$ 1,350,052	\$ 1,383,250	\$ 1,416,448	\$ 7,444,567
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL OPERATING COSTS</b>	<b>\$ 976,772</b>	<b>\$ 1,001,191</b>	<b>\$1,316,900.00</b>	<b>\$1,350,100.00</b>	<b>\$1,383,300.00</b>	<b>\$ 1,416,400.00</b>	<b>\$ 7,444,567</b>

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

N/A

<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Capital</b>	<b>FY START DATE</b>	7/1/2020
19CHT_CD1			<b>FY 2021</b>	
Unique Request ID: (FY Project Start year)	19			
(Three letter Agency)	CHT			
(Project Type)	CD			
(Unique Number)	001			

## Project Business Case

<b>Project Name</b>	<b>Requesting Agency</b>	<b>Project Contact</b>	<b>TTD Estimated Cost</b>	
North-South BRT	Chapel Hill Transit	Matt Cecil	Current Year	\$ 2,062,500
<b>Estimated Start Date</b>	<b>Estimated Completion</b>	<b>Notes</b>		
In progress	FY25			
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<p>The N-S BRT Project will provide frequent, fixed-guideway bus service along NC 86, known locally as Martin Luther King, Jr. Blvd. and So. Columbia Street, and the US Highway 15- 501 corridor in Chapel Hill.</p>				

## Project Profile

**Where is this project located, who will this project serve and what are the key benefits?** (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Town of Chapel Hill NC-86 Corridor	Chapel Hill, UNC, Chapel Hill visitors, students, employees	Frequent, fixed guideway service along MLK.

## Project Monitoring Details

**Quantitative and Qualitative Outcomes**      **\*\*Please list up to 3 Quantitative metrics and 1 Qualitative**

Higher Bus Ridership	More Frequent Service	Shorter Travel Times for Riders	<b>Qualitative</b>	Entry into Small Starts
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List any other relevant information not addressed.

## Finance Estimates

**Estimated Project Revenues:**  
If there are other revenues besides Transit Tax Revenue to support this request, please enter the anticipated revenue amounts next to the appropriate funding source for each fiscal year shown below.

Revenue							
Tax Revenue	FY19 (Actuals)	FY20 (Budget)	FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue	486,785	1,513,215	2,062,500	2,062,500	-	-	6,125,000
Other Revenue							
Federal							-
State							-
Other:							-
<b>Subtotal Other</b>	-	-	-	-	-	-	-
<b>TOTAL REVENUE</b>	<b>486,785</b>	<b>1,513,215</b>	<b>2,062,500</b>	<b>2,062,500</b>	<b>-</b>	<b>-</b>	<b>6,125,000</b>

**Transit Capital Development: Estimated appropriations to support contractual commitments and other expenses related to proposed capital projects.**

Cost Break Down of Project Request							
CAPITAL COSTS	FY19 (Actuals)	FY20 (Budget)	FY21	FY22	FY23	FY24	Total
Feasibility or Other Studies							\$ -
Land - Right of Way							\$ -
Design & Engineering	\$ 486,785	\$ 1,513,215	\$ 2,062,500	\$ 2,062,500			\$ 6,125,000
Construction - Implementation							\$ -
Equipment							\$ -
Other (Describe)							\$ -
<b>TOTAL CAPITAL COSTS</b>	<b>486,785</b>	<b>1,513,215</b>	<b>2,062,500</b>	<b>2,062,500</b>	<b>-</b>	<b>-</b>	<b>6,125,000</b>

**Assumptions for Costs and Revenues Above:**

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

Project funding follows Orange County 2017 Transit Plan.

<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Capital</b>	<b>FY START DATE</b>	7/1/2020
20CHT_CD1			<b>FY 2021</b>	
Unique Request ID: [FY Project Start year]	20			
[Three letter Agency]	CHT			
[Project Type]	CD			
[Unique Number]	001			

## Project Business Case

<b>Project Name</b>	<b>Requesting Agency</b>	<b>Project Contact</b>	<b>TTD Estimated Cost</b>	
North-South BRT Supplemental	Chapel Hill Transit	Matt Cecil	Current Year	\$ -
<b>Estimated Start Date</b>	<b>Estimated Completion</b>	<b>Notes</b>		
In Progress	FY25			
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
Supplemental funding for N-S BRT should state funding not be available through the SPOT process. Supplemental funding is a total of \$8M over four years.				

## Project Profile

Where is this project located, who will this project serve and what are the key benefits? (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Town of Chapel Hill NC 86 Corridor	Chapel Hill, UNC, Chapel Hill visitors, students, and employees	Frequent fixed guideway service along MLK

## Project Monitoring Details

**Quantitative and Qualitative Outcomes**      **\*\*Please list up to 3 Quantitative metrics and 1 Qualitative**

Higher bus ridership	More frequent service	Shorter travel times for riders	<b>Qualitative</b>	Entrance into Small Starts
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List any other relevant information not addressed.

## Finance Estimates

**Estimated Project Revenues:**

If there are other revenues besides Transit Tax Revenue to support this request, please enter the anticipated revenue amounts next to the appropriate funding source for each fiscal year shown below.

Revenue							
Tax Revenue	FY19 (Actuals)	FY20 (Budget)	FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue	-	1,000,000	-	1,500,000	1,500,000	4,000,000	8,000,000
Other Revenue							
Federal							-
State							-
Other:							-
<b>Subtotal Other</b>	-	-	-	-	-	-	-
<b>TOTAL REVENUE</b>	-	1,000,000	-	1,500,000	1,500,000	4,000,000	8,000,000

**Transit Capital Development: Estimated appropriations to support contractual commitments and other expenses related to proposed capital projects.**

Cost Break Down of Project Request							
CAPITAL COSTS	FY19 (Actuals)	FY20 (Budget)	FY21	FY22	FY23	FY24	Total
Feasibility or Other Studies							\$ -
Land - Right of Way							\$ -
Design & Engineering							\$ -
Construction - Implementation		1,000,000		\$ 1,500,000	\$ 1,500,000	\$ 4,000,000	\$ 8,000,000
Equipment							\$ -
Other (Describe)							\$ -
<b>TOTAL CAPITAL COSTS</b>	-	1,000,000	-	1,500,000	1,500,000	4,000,000	8,000,000

**Assumptions for Costs and Revenues Above:**

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

Project funding is consistent with Transit Plan amendment adopted in August 2019.



**DCHC MPO -Orange County  
Summary of Project Requests**

**OPERATING**

<b>Summary of Project Requests (Administration and Operations)</b>		<b>Authorized Appropriation</b>	<b>Requested Appropriation</b>
		<b>FY20</b>	<b>FY21</b>
19MPO_AD1	Staff Working Group Administrator	\$55,365	\$56,750


<b>Total Operating Requests</b>		<b>\$ 55,365</b>	<b>\$ 56,750</b>

**CAPITAL**

<b>Summary of Project Requests (Capital)</b>		<b>Authorized Appropriation</b>	<b>Requested Appropriation</b>
		<b>FY20</b>	<b>FY21</b>

<b>Total Capital Requests</b>		<b>\$ -</b>	<b>\$ -</b>

<b>Total Requested</b>		<b>\$ 55,365</b>	<b>\$ 56,750</b>
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 = New project request - (Highlight in Orange)

**Total Operating (Agency)**

Tax District Administration	\$0	\$0
Transit Plan Administration	\$55,365	\$56,750
Transit Operations	\$0	\$0

**FY2021 Transit Plan Allocation**

<b>LESS: Total Requested</b>	<b>\$55,365</b>	<b>\$56,750</b>
Transit Plan Allocation Remaining (shortfall)	55,364.50	56,750.00

**Total Capital (Agency)**

Transit Infrastructure	\$0	\$0
Vehicle Acquisition	\$0	\$0
BRT	\$0	\$0
LRT	\$0	\$0
CRT	\$0	\$0
Capital Planning	\$0	\$0
Transit Plan Development	\$0	\$0

**FY2021 Transit Plan Allocation**

<b>LESS: Total Requested</b>	<b>\$0</b>	<b>\$0</b>
Transit Plan Allocation Remaining (shortfall)	-	-

<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Transit Services</b>	<b>FY START DATE</b>	7/1/2019
19MPO_AD1			<b>FY 2021</b>	
Unique Request ID: [FY Project Start year]	19			
[Three letter Agency]	MPO			
[Project Type]	AD			
[Unique Number]	001			

## Project Business Case

<b>Project Name</b>	<b>Requesting Agency</b>	<b>Project Contact</b>	<b>TTD Estimated Cost</b>	
Staff Working Group Administrator	DCHC MPO	Felix Nwoko	Current Year	\$ 56,750
<b>Estimated Start Date</b>	<b>Estimated Completion</b>	<b>Notes</b>		
January 1, 2018	June 30, 2025	Completion date is same as end date for current approved county transit plans.		
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<p>The SWG Administrator is a highly responsible position that will lead the implementation efforts of the Durham and Orange County Transit Plans through coordination of the SWGs. The current project costs estimated till FY24 (6 year period), however FTE costs are assumed to continue to the approved period for the county transit plans (2045).</p>				

## Project Profile

**Where is this project located, who will this project serve and what are the key benefits?** (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
DCHC MPO	Durham County and Orange County	Coordination and implementation of county transit plans.

## Project Monitoring Details

## Finance Estimates

Revenue							
Tax Revenue	FY19	FY20	FY21	FY22	FY23	FY24	Total
Durham - Orange County Tax Revenue	26,850	55,365	56,750	58,150	59,600	61,100	317,815
Other Revenue							
Federal							-
State							-
Local (DCHC MPO)	26,850	55,365	56,750	58,150	59,600	61,100	317,815
<b>Subtotal Other</b>	26,850	55,365	56,750	58,150	59,600	61,100	317,815
<b>TOTAL REVENUE</b>	<b>53,700</b>	<b>110,729</b>	<b>113,500</b>	<b>116,300</b>	<b>119,200</b>	<b>122,200</b>	<b>635,629</b>

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request							
OPERATING COSTS	FY19	FY20	FY21	FY22	FY23	FY24	Total
Growth Factors		2.50%	2.50%	2.50%	2.50%	2.50%	
Salary & Fringes	53,700	110,729	113,500	116,300	119,200	122,200	635,629
Contracts			-	-	-	-	-
Bus Operations:							
Estimated Hours			-	-	-	-	
Cost per Hour			-	-	-	-	
Estimated Operating Cost	-	-	-	-	-	-	-
Bus Leases			-	-	-	-	
Park & Ride Lease			-	-	-	-	
Other -Bus (Describe)			-	-	-	-	
Other -Bus (Describe)			-	-	-	-	
Subtotal: Bus Operations	-	-	-	-	-	-	-
Other (Describe)			-	-	-	-	-
Other (Describe)			-	-	-	-	-
Other (Describe)			-	-	-	-	-
<b>TOTAL OPERATING COSTS</b>	<b>53,700</b>	<b>110,729</b>	<b>113,500</b>	<b>116,300</b>	<b>119,200</b>	<b>122,200</b>	<b>635,629</b>

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

This position was originally half-time but this request assumes the position will be increased to full-time in which .5 FTE salary will be charged to Durham and .5 FTE will be charged to Orange.

**GoTriangle - Orange**  
**Summary of Project Requests**

**OPERATING**

<b>Summary of Project Requests (Administration and Operations)</b>		<b>Authorized Appropriation</b>	<b>Requested Appropriation</b>
		<b>FY20</b>	<b>FY21</b>
21GOTAD1	Tax District Administration - Financial Oversight Staff		\$ 125,700
21GOTAD11	Tax District Administration - Financial Oversight - Support Services (O)		\$ 120,000
20GOTAD2	Transit Plan Administration - Program Management Staff		\$ 23,800
21GOTAD3	Transit Plan Administration - Project Implementation Staff		\$ 161,200
20GOTAD13	TPA - Transit Planning - Support Services		\$ 30,000
21GOTAD4	TPA - Legal and Real Estate - Support Staff		\$ 89,000
21GOTAD5	TPA - Marketing , Communication and PE - Support Staff		\$ 49,700
21GOTAD12	TPA - Marketing, Communication and PE - Support Services		\$ 30,000
21GOTAD6	TPA - Regional Technology and Administration - Support Staff		\$ 72,700
18GOTAD10	Customer Surveys		\$ 11,000
20GOT_TS2	Route 800 Improvements	\$ 375,985	\$ 381,200
20GOT_TS3	Route 400 Improvements	\$ 310,653	\$ 326,700
20GOT_TS5	Route ODX	\$ 139,777	\$ 178,500
20GOT_TS6	Route CRX Improvements	\$ 49,302	\$ 61,400
20GOT_TS9	Route 405 Improvements	\$ 17,890	\$ 20,600
19GOT_TS8	Paratransit expansion	\$ 24,426	\$ 21,600
21GOT_OO1	Youth Gopass		\$ 16,900
21GOT_OO2	Fare Collection Improvements (D)		\$ 18,000
19GOT_AD1 [Discontinued ID / revised by function]	.25 FTE for Tax District Admin	\$ 22,350	
20GOT_AD1 [Discontinued ID / revised by function]	.5 FTE for Sr. Financial Analyst	\$ 62,950	
20GOT_AD2 [Discontinued ID / revised by function]	Support Services	\$ 617,752	
20GOT_AD3 [Discontinued ID / revised by function]	Support - Consultant	\$ 111,250	
<b>Total Operating Requests</b>		<b>\$ 1,732,335</b>	<b>\$ 1,738,000</b>

**CAPITAL**

<b>Summary of Project Requests (Capital)</b>		<b>Authorized Appropriation</b>	<b>Requested Appropriation</b>
		<b>FY20</b>	<b>FY21</b>
19GOT_CD1	ERP System - Transit Plan	\$ 239,152	
20GOT_CD1	Commuter Rail Project Development	\$ 75,000	
20GOT_CD2	Light Rail Transit	\$ 518,460	
18GOT_CD8	Hillsborough Park and Ride	\$ 145,723	
18GOT_CD9	Hillsborough Transfer Center		
18GOT_CD10	Bus Stop Improvement in Carrboro	\$ 26,574	
18GOT_CD11	Mebane Bus Stop Improvement	\$ 10,630	\$ 10,630
18GOT_CD12	Bus Stop Improvements (Orange County)	\$ 331,100	
19GOT_CD1	RTC Facility Feasibility Study - Orange	\$ 62,500	
20GOT_CD3	Mobile Ticket Validators - Orange share (includes Route 420)	\$ 74,000	
21GOT_VP1	Vehicle acquisition and replacement		\$ 903,000
21GOT_CO1	Origin Destination Survey		\$ 250,000
21GOT_CO2	GoTriangle Short Range Transit Plan		\$ 31,250
21GOT_CO3	Transit Facilities Study		\$ 37,500
<b>Total Capital Requests</b>		<b>\$ 1,483,139</b>	<b>\$ 1,232,380</b>
<b>Total Requested</b>		<b>\$ 3,215,474</b>	<b>\$ 2,970,380</b>

= New project request - (Highlight in Orange)

**Total Operating (Agency)**

Tax District Administration	\$85,300	\$245,700
Transit Plan Administration	\$729,002	\$467,400
Transit Operations	\$918,032	\$1,024,900

**FY2021 Transit Plan Allocation**

<b>LESS: Total Requested</b>	<b>\$1,732,335</b>	<b>\$1,738,000</b>
Transit Plan Allocation Remaining (shortfall)	<b>1,732,334.63</b>	<b>1,738,000.00</b>

**Total Capital (Agency)**

Transit Infrastructure	\$650,527	\$10,630
Vehicle Acquisition	\$0	\$903,000
BRT	\$0	\$0
LRT	\$518,460	\$0
CRT	\$75,000	\$0
Capital Planning	\$239,152	\$318,750
Transit Plan Development	\$0	\$0

**FY2021 Transit Plan Allocation**

<b>LESS: Total Requested</b>	<b>\$1,483,139</b>	<b>\$1,232,380</b>
Transit Plan Allocation Remaining (shortfall)	<b>1,483,139.00</b>	<b>1,232,380.00</b>

Unique Project ID#		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Administration</b>	FY START DATE	7/1/2020
21GOTAD1			FY 2021	
Unique Request ID: [FY Project Start year]	21			
[Three letter Agency]	GOT			
[Project Type]	AD			
[Unique Number]	001			

## Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Tax District Administration - Financial Oversight Staff	GoTriangle	Sandra Freeman	Current Year	\$ 125,700
Estimated Start Date	Estimated Completion	Notes		
July 1, 2018	Ongoing	(Add notes as appropriate)		
Project Description		Enter below a summary of the project that may later be used for the Transit Work Plan.		
<p><b>NOTE: The project request is a continuation of on-going operating and consolidation of 19GOT_AD1 and 20GOT_AD1 submissions approved in FY20 Workplan</b></p> <p>GoTriangle will continue to allocate 0.75 FTE of Tax District Administration - Financial oversight staff to the Orange Transit Plan. In FY21 the roles will continue improve financial policies, provide financial analysis for the new Transit plan development including the commuter rail project, and process quarterly reimbursements and reporting. The roles include:</p> <p>Allocation of 1 FTE Sr. Financial Analyst position to continue financial modeling, analysis and financial oversight for the Durham and Orange Tax Districts. This FTE is budgetted 50% Durham and 50% Orange Transit Plans.</p> <p>Allocation of 1 FTE of Administrative Assistant for the GoTriangle Finance Department's Durham, Orange and Wake Transit activities. This FTE is budgetted 50% Durham, 25%Orange and 50% Wake Transit Plans.</p>				

## Project Monitoring Details

**Administration: Describe proposed responsibilities and duties for new position requests.**

Provide each major intended function, and the percentage of time devoted to each function.

- 1 FTE Sr. Financial Analyst position to continue financial modeling, analysis and financial oversight for the Durham and Orange Tax Districts.
- 1 FTE of Administrative Assistant for the GoTriangle Finance Department's Durham, Orange and Wake Transit activities.

List any other relevant information not addressed.

## Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue		125,700	128,800	132,000	135,300	521,800
Other Revenue						
Federal -						-
State						-
Other:						-
Subtotal Other		-	-	-	-	-
<b>TOTAL REVENUE</b>		<b>125,700</b>	<b>128,800</b>	<b>132,000</b>	<b>135,300</b>	<b>521,800</b>

**Transit Operations: Estimated appropriations to support expenses.**

Enter FY 2021 and the estimated annualized cost in FY 2022 using the 2.5% growth factor, if applicable. The spreadsheet will calculate 2022 and beyond by 2.5%. If your project is not expected to have recurring costs in FY 2022 and/or beyond, delete the calculation(s) in columns F-H.

Cost Break Down of Project Request							
OPERATING COSTS			FY21	FY22	FY23	FY24	Total
Growth Factors			2.50%	2.50%	2.50%	2.50%	
Salary & Fringes			\$ 125,700.00	\$ 128,800.00	\$ 132,000.00	\$ 135,300.00	\$ 521,800.00
Contracts			\$ -	\$ -	\$ -	\$ -	\$ -
Other Purchase of a Service			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL OPERATING COSTS</b>			<b>\$ 125,700.00</b>	<b>\$ 128,800.00</b>	<b>\$ 132,000.00</b>	<b>\$ 135,300.00</b>	<b>\$ 521,800.00</b>

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

Includes Staffing and indirect cost allocation

Unique Project ID#		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Administration</b>	FY START DATE	7/1/2020
21GOTAD11			FY 2021	
Unique Request ID: [FY Project Start year]	21			
[Three letter Agency]	GOT			
[Project Type]	AD			
[Unique Number]	011			

## Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Tax District Administration - Financial Oversight - Support Services (O)	GoTriangle	Sandra Freeman	Current Year	\$ 120,000
Estimated Start Date	Estimated Completion	Notes		
July 1, 2018	Ongoing	(Add notes as appropriate)		

**Project Description** Enter below a summary of the project that may later be used for the Transit Work Plan.

**NOTE: The project request is a continuation of on-going operating and consolidation finance and technology functions from 20GOT\_AD2 and 20GOT\_AD3 (financial consultants) submissions approved in FY20 Workplan**

GoTriangle will continue to allocate Financial support services to the Orange Transit Plan. In FY21 the budgets includes financial oversight expenditure ongoing support from Financial consultant to provide recommendation on new Transit plan development, financial policies (including debt issuance) and independent auditors.

## Project Monitoring Details

**Administration: Describe proposed responsibilities and duties for new position requests.**

Provide each major intended function, and the percentage of time devoted to each function.

Existing services that continue for the Tax District administration include: Annual Financial reporting (CAFR), LGC compliance, budget amendments - ordinances, portfolio management of funds, processing and reporting quarterly reimbursements for five transit partners in Orange County.

List any other relevant information not addressed.

## Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue		120,000	123,000	126,100	129,300	498,400
Other Revenue						
Federal -						-
State						-
Other:						-
Subtotal Other		-	-	-	-	-
<b>TOTAL REVENUE</b>		<b>120,000</b>	<b>123,000</b>	<b>126,100</b>	<b>129,300</b>	<b>498,400</b>

**Transit Operations: Estimated appropriations to support expenses.**

Enter FY 2021 and the estimated annualized cost in FY 2022 using the 2.5% growth factor, if applicable. The spreadsheet will calculate 2022 and beyond by 2.5%. If your project is not expected to have recurring costs in FY 2022 and/or beyond, delete the calculation(s) in columns F-H.

Cost Break Down of Project Request						
OPERATING COSTS		FY21	FY22	FY23	FY24	Total
Growth Factors		2.50%	2.50%	2.50%	2.50%	
Salary & Fringes		\$ -	\$ -	\$ -	\$ -	\$ -
Contracts		\$ -	\$ -	\$ -	\$ -	\$ -
Other Purchase of a Service		\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)		\$ 120,000.00	\$ 123,000.00	\$ 126,100.00	\$ 129,300.00	\$ 498,400.00
Other (Describe)		\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL OPERATING COSTS</b>		<b>\$ 120,000.00</b>	<b>\$ 123,000.00</b>	<b>\$ 126,100.00</b>	<b>\$ 129,300.00</b>	<b>\$ 498,400.00</b>

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

Unique Project ID#		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Administration</b>	FY START DATE	7/1/2020
20GOTAD2			FY 2021	
Unique Request ID: [FY Project Start year]	20			
[Three letter Agency]	GOT			
[Project Type]	AD			
[Unique Number]	002			

## Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Transit Plan Administration - Program Management Staff	GoTriangle	Katharine Eggleston	Current Year	\$23,800
Estimated Start Date	Estimated Completion	Notes		
July 1, 2020	ongoing	(Add notes as appropriate)		
Project Description	Enter below a summary of the project that may later be used for the Transit Work Plan.			

**NOTE: The project request is a continuation of on-going operating: Specifically consolidation Program Management functions from 20GOT\_AD2 support services submissions approved in the FY20 Workplan. FY21 request is updated to reflect anticipated program management responsibilities in the county.**

GoTriangle will continue to allocate 0.1 FTE of GoTriangle program management staff to the Orange Transit Plan. In FY21, this staffing will provide oversight and program management support for GoTriangle's bus facilities and bus stop amenities planning and development programs and oversight and program management support for GoTriangle's efforts in support of the Orange Transit Plan update. Specific tasks includes oversight of project planning; oversight of project scope, schedule, and budget development and monitoring; oversight of quarterly reporting; and supervision of GoTriangle's planning and project delivery teams.

## Project Monitoring Details

**Administration: Describe proposed responsibilities and duties for new position requests.**

Provide each major intended function, and the percentage of time devoted to each function.

50% - Oversight and program management support for GoTriangle's bus facilities and bus stop amenities planning and development programs

40% - Oversight and program management support for GoTriangle's efforts in support of the Orange Transit Plan update

10% - Staff supervision

List any other relevant information not addressed.

## Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue		23,800	24,400	25,000	25,600	98,800
Other Revenue						
Federal -						-
State						-
Other:						-
Subtotal Other		-	-	-	-	-
TOTAL REVENUE		23,800	24,400	25,000	25,600	98,800

**Transit Operations: Estimated appropriations to support expenses.**

Enter FY 2021 and the estimated annualized cost in FY 2022 using the 2.5% growth factor, if applicable. The spreadsheet will calculate 2022 and beyond by 2.5%. If your project is not expected to have recurring costs in FY 2022 and/or beyond, delete the calculation(s) in columns F-H.

Cost Break Down of Project Request							
OPERATING COSTS			FY21	FY22	FY23	FY24	Total
Growth Factors			2.50%	2.50%	2.50%	2.50%	
Salary & Fringes			\$ 23,800.00	\$ 24,400.00	\$ 25,000.00	\$ 25,600.00	\$ 98,800.00
Contracts			\$ -	\$ -	\$ -	\$ -	\$ -
Other Purchase of a Service			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL OPERATING COSTS			\$ 23,800.00	\$ 24,400.00	\$ 25,000.00	\$ 25,600.00	\$ 98,800.00

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

Includes Staffing and indirect cost allocation

<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Administration</b>	<b>FY START DATE</b>	7/1/2020
21GOTAD3			<b>FY 2021</b>	
Unique Request ID: [FY Project Start year]	21			
[Three letter Agency]	GOT			
[Project Type]	AD			
[Unique Number]	003			

## Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Transit Plan Administration - Project Implementation Staff	GoTriangle	Katharine Eggleston	Current Year	\$161,200
Estimated Start Date	Estimated Completion	Notes		
July 1, 2020	ongoing	(Add notes as appropriate)		
Project Description	Enter below a summary of the project that may later be used for the Transit Work Plan.			

**NOTE: The project request is a continuation of on-going operating: Specifically consolidation Project Implementation functions from 20GOT\_AD2 support services submissions approved in the FY20 Workplan. FY21 request is updated to reflect anticipated project implementation responsibilities in the county.**

GoTriangle will continue to allocate 0.8 FTE for project implementation activities for the Orange Transit Plan. In FY21, this team will manage and execute planning, design, and construction management activities for GoTriangle's bus facilities and bus stop amenities programs and participate in capital planning, coordination, and support activities for the Orange Transit Plan update. Specific tasks include but are not limited to project scope, schedule, and budget development and monitoring; quarterly reporting; and management of consultants and contractors. Planning tasks: planning/prioritization for bus stop and park-and-ride improvements; management and technical consultant oversight; environmental planning and coordination with regulatory agencies for federally funded projects; and coordination to support CHT's N-S BRT project. Design/Engineering/Architecture tasks: field investigations, feasibility analysis, consultant oversight, and technical support for bus stop and park-and-ride improvements; design management, project coordination, and technical support for major facilities projects; and feasibility analysis and implementation oversight for BOSS. Construction Management tasks: project management, contractor oversight, and construction inspection. Project Coordination tasks: managing coordination with GoTriangle's partners; facilitating productive partnering; promoting schedule and budget adherence and fostering timely conflict resolution. Project Controls Support tasks: eBuilder administration; document management; contract administration; project controls support including budget and schedule monitoring, risk management support, and reporting.

## Project Monitoring Details

**Administration: Describe proposed responsibilities and duties for new position requests.**

Provide each major intended function, and the percentage of time devoted to each function.

5% - reporting  
 45% - management and execution of technical, coordination, and support activities for the Orange Transit Plan update  
 50% - management and execution of planning, design, and construction management activities for GoTriangle capital projects in the Durham Transit Plan

List any other relevant information not addressed.

## Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue		161,200	165,200	169,300	173,500	669,200
Other Revenue						
Federal -						-
State						-
Other:						-
Subtotal Other		-	-	-	-	-
TOTAL REVENUE		161,200	165,200	169,300	173,500	669,200

**Transit Operations: Estimated appropriations to support expenses.**

Enter FY 2021 and the estimated annualized cost in FY 2022 using the 2.5% growth factor, if applicable. The spreadsheet will calculate 2022 and beyond by 2.5%. If your project is not expected to have recurring costs in FY 2022 and/or beyond, delete the calculation(s) in columns F-H.

Cost Break Down of Project Request							
OPERATING COSTS			FY21	FY22	FY23	FY24	Total
Growth Factors			2.50%	2.50%	2.50%	2.50%	
Salary & Fringes			\$ 161,200.00	\$ 165,200.00	\$ 169,300.00	\$ 173,500.00	\$ 669,200.00
Contracts			\$ -	\$ -	\$ -	\$ -	\$ -
Other Purchase of a Service			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL OPERATING COSTS			\$ 161,200.00	\$ 165,200.00	\$ 169,300.00	\$ 173,500.00	\$ 669,200.00

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

Includes Staffing and indirect cost allocation



Unique Project ID#		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Administration</b>	FY START DATE	7/1/2020
20GOTAD13			FY 2021	
Unique Request ID: [FY Project Start year]	20			
[Three letter Agency]	GOT			
[Project Type]	AD			
[Unique Number]	013			

## Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
TPA - Transit Planning - Support Services	GoTriangle	Meg Scully	Current Year	\$ 30,000
Estimated Start Date	Estimated Completion	Notes		
July 1, 2018	On-Going	(Add notes as appropriate)		
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<p><b>NOTE: The project request is a continuation of on-going operating: Consolidation regional transit planning functions from 20GOT_AD3 (support consultants) submissions approved in FY20 Workplan</b></p> <p>GoTriangle is requesting reimbursement for on-going support costs (including indirect costs) that benefit the Orange County Tax District. The Support Consultant costs are split 50% Durham and 50% Orange which include regional contracts - DCHC Annual Contract of \$25,625 and <u>removal of the</u> NCSU Transit Regional Model contracts of \$125,562.</p>				

## Project Monitoring Details

**Administration: Describe proposed responsibilities and duties for new position requests.**

Provide each major intended function, and the percentage of time devoted to each function.

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List any other relevant information not addressed.

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## Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue		30,000	30,800	31,600	32,400	124,800
Other Revenue						
Federal -						-
State						-
Other:						-
Subtotal Other		-	-	-	-	-
<b>TOTAL REVENUE</b>		<b>30,000</b>	<b>30,800</b>	<b>31,600</b>	<b>32,400</b>	<b>124,800</b>

**Transit Operations: Estimated appropriations to support expenses.**

Enter FY 2019 and the estimated annualized cost in FY 2020 using the 2.5% growth factor, if applicable. The spreadsheet will calculate 2021 and beyond by 2.5%. If your project is not expected to have recurring costs in FY 2021 and/or beyond, delete the calculation(s) in columns F-H.

Cost Break Down of Project Request						
OPERATING COSTS		FY21	FY22	FY23	FY24	Total
Growth Factors		2.50%	2.50%	2.50%	2.50%	
Salary & Fringes			\$ -	\$ -	\$ -	\$ -
Contracts		\$ 30,000.00	\$ 30,800.00	\$ 31,600.00	\$ 32,400.00	\$ 124,800.00
Other Purchase of a Service			\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -
<b>TOTAL OPERATING COSTS</b>		<b>\$ 30,000.00</b>	<b>\$ 30,800.00</b>	<b>\$ 31,600.00</b>	<b>\$ 32,400.00</b>	<b>\$ 124,800.00</b>

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

Project cost assumes support costs up to FY24 and is expected to continue beyond this period.
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Unique Project ID#		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Administration</b>	FY START DATE	7/1/2020
21GOTAD4			FY 2021	
Unique Request ID: [FY Project Start year]	21			
[Three letter Agency]	GOT			
[Project Type]	AD			
[Unique Number]	004			

## Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
TPA - Legal and Real Estate - Support Staff	GoTriangle	Thomas Henry / Gary Tober	Current Year	\$ 89,000
Estimated Start Date	Estimated Completion	Notes		
July 1, 2018	Ongoing	(Add notes as appropriate)		
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<b>NOTE: The project request is a continuation of on-going operating: Specifically consolidation legal and real estate functions from 20GOT_AD2 support services submissions approved in the FY20 Workplan</b> GoTriangle will continue to allocate 0.4 FTE of Legal and Real Estate - support staff to the Orange Transit Plan. Staffing includes budgeted time for Assistant General Counsel, Director of Real Estate and Facilities and Real Estate Administrator. In FY21 the Legal and Real Estate functions will continue : <ul style="list-style-type: none"> <li>• Legal and Real Estate services related to Hillsborough Park-and-Ride</li> <li>• Interlocal Agreements related to Transit Plan administration</li> <li>• General counsel related to Public Records, Open Meetings, Ethics, Contracts and Procurement</li> </ul>				

## Project Monitoring Details

**Administration: Describe proposed responsibilities and duties for new position requests.**

Provide each major intended function, and the percentage of time devoted to each function.

Ongoing commitments on the litigation related to DOLRT; condemnation trials, condemnations appeals and new Transit plan development

List any other relevant information not addressed.

## Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue		89,000	91,200	93,500	95,800	369,500
Other Revenue						
Federal -						-
State						-
Other:						-
<b>Subtotal Other</b>		-	-	-	-	-
<b>TOTAL REVENUE</b>		<b>89,000</b>	<b>91,200</b>	<b>93,500</b>	<b>95,800</b>	<b>369,500</b>

**Transit Operations: Estimated appropriations to support expenses.**

Enter FY 2021 and the estimated annualized cost in FY 2022 using the 2.5% growth factor, if applicable. The spreadsheet will calculate 2022 and beyond by 2.5%. If your project is not expected to have recurring costs in FY 2022 and/or beyond, delete the calculation(s) in columns F-H.

Cost Break Down of Project Request							
OPERATING COSTS			FY21	FY22	FY23	FY24	Total
Growth Factors			2.50%	2.50%	2.50%	2.50%	
Salary & Fringes			\$ 89,000.00	\$ 91,200.00	\$ 93,500.00	\$ 95,800.00	\$ 369,500.00
Contracts			\$ -	\$ -	\$ -	\$ -	\$ -
Other Purchase of a Service			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL OPERATING COSTS</b>			<b>\$ 89,000.00</b>	<b>\$ 91,200.00</b>	<b>\$ 93,500.00</b>	<b>\$ 95,800.00</b>	<b>\$ 369,500.00</b>

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

Includes Staffing and indirect cost allocation

<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Administration</b>	<b>FY START DATE</b>	7/1/2020
21GOTAD5			<b>FY 2021</b>	
Unique Request ID: (FY Project Start year)	21			
(Three letter Agency)	GOT			
(Project Type)	AD			
(Unique Number)	005			

## Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
TPA - Marketing , Communication and PE - Support Staff	GoTriangle	Juan Carlos Erikson (jerikson@gotriangle.org)	Current Year	\$ 49,700
Estimated Start Date	Estimated Completion	Notes		
July 1, 2018				
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			

**NOTE: The project request is a continuation of on-going operating: Specifically consolidation Marketing, Communication and Public Engagement functions from 20GOT\_AD2 support services submissions approved in the FY20 Workplan**

GoTriangle is requesting funding for .5 FTEs that will be dedicated to public engagement. The Public Engagement Specialist will work under the Community Engagement Manager, in the Communications & Public Affairs department at GoTriangle, directly collaborating with project teams to plan and execute public involvement activities related to the development and implementation of the Orange County Transit Plan. They will support the establishment and maintenance of relationships with community stakeholders that include public officials, strategic partners, community groups, property owners and businesses.

## Project Monitoring Details

**Administration: Describe proposed responsibilities and duties for new position requests.**

Provide each major intended function, and the percentage of time devoted to each function.

The 0.5 FTE is primarily responsible for the development and implementation of comprehensive and culturally competent communications and public relations strategies, spending the majority of their time developing strong and positive community relations through presentations, pop-up events, public meetings, participation in festivals, and connections with sustained relationships with community groups. Additionally, the Public Engagement Specialist will organize and support GoTriangle's Transit Advisory Committee, manage consultants in support of project objectives, track and analyze data via online engagement tools, manage GoTriangle Ambassadors program, and produce public-facing reports on their work.

List any other relevant information not addressed.

## Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue		49,700	50,900	52,200	53,500	206,300
Other Revenue						
Federal -						-
State						-
Other:						-
<b>Subtotal Other</b>		-	-	-	-	-
<b>TOTAL REVENUE</b>		<b>49,700</b>	<b>50,900</b>	<b>52,200</b>	<b>53,500</b>	<b>206,300</b>

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request						
OPERATING COSTS		FY21	FY22	FY23	FY24	Total
Growth Factors		2.50%	2.50%	2.50%	2.50%	
Salary & Fringes		\$ 49,700.00	\$ 50,900.00	\$ 52,200.00	\$ 53,500.00	\$ 206,300.00
Contracts		\$ -	\$ -	\$ -	\$ -	\$ -
Other Purchase of a Service		\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)		\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)		\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL OPERATING COSTS</b>		<b>\$ 49,700.00</b>	<b>\$ 50,900.00</b>	<b>\$ 52,200.00</b>	<b>\$ 53,500.00</b>	<b>\$ 206,300.00</b>

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

Includes Staffing and indirect cost allocation

<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Administration</b>	<b>FY START DATE</b>	7/1/2020
21GOTAD12			<b>FY 2021</b>	
Unique Request ID: [FY Project Start year]	21			
[Three letter Agency]	GOT			
[Project Type]	AD			
[Unique Number]	012			

## Project Business Case

<b>Project Name</b>	<b>Requesting Agency</b>	<b>Project Contact</b>	<b>TTD Estimated Cost</b>	
TPA - Marketing, Communication and PE - Support Services	GoTriangle	Juan Carlos Erikson (jerikson@gotriangle.org)	Current Year	\$ 30,000
<b>Estimated Start Date</b>	<b>Estimated Completion</b>	<b>Notes</b>		
July 1, 2018				
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<p><b>NOTE: The project request is a continuation of on-going operating: Specifically consolidation Marketing, Communication and Public Engagement functions from 20GOT_AD2 support services submissions approved in the FY20 Workplan</b></p> <p>GoTriangle is requesting funding for support services that will be dedicated to engaging equitably with the community. This project will support ongoing community engagement efforts, marketing and communications activities related to the Orange Transit Plan. Funding will also support our capacity to utilize creative consultant services, or expand the scope of service through current consultants, to support materials for community outreach, public meetings, marketing campaigns, information kits, web elements, translation and interpretation, etc.</p>				

## Project Monitoring Details

**Administration: Describe proposed responsibilities and duties for new position requests.**

Provide each major intended function, and the percentage of time devoted to each function.

The activities encompassed under this project will focus on improving the community's understanding and awareness of the Orange Transit plan and services, such as expanded bus service, Youth GoPass, Major Capital Investments. This includes but is not limited to the collection of feedback from a wide range of stakeholders to

List any other relevant information not addressed.

## Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue		30,000	30,800	31,600	32,400	124,800
Other Revenue						
Federal -						-
State						-
Other:						-
<b>Subtotal Other</b>		-	-	-	-	-
<b>TOTAL REVENUE</b>		<b>30,000</b>	<b>30,800</b>	<b>31,600</b>	<b>32,400</b>	<b>124,800</b>

**Transit Operations: Estimated appropriations to support expenses.**

Enter FY 2019 and the estimated annualized cost in FY 2020 using the 2.5% growth factor, if applicable. The spreadsheet will calculate 2021 and beyond by 2.5%. If your project is not expected to have recurring costs in FY 2021 and/or beyond, delete the calculation(s) in columns F-H.

Cost Break Down of Project Request							
OPERATING COSTS			FY21	FY22	FY23	FY24	Total
Growth Factors			2.50%	2.50%	2.50%	2.50%	
Salary & Fringes				\$ -	\$ -	\$ -	\$ -
Contracts				\$ -	\$ -	\$ -	\$ -
Other Purchase of a Service				\$ -	\$ -	\$ -	\$ -
Other (Describe)	Support Services		\$ 30,000.00	\$ 30,800.00	\$ 31,600.00	\$ 32,400.00	\$ 124,800.00
Other (Describe)				\$ -	\$ -	\$ -	\$ -
<b>TOTAL OPERATING COSTS</b>			<b>\$ 30,000.00</b>	<b>\$ 30,800.00</b>	<b>\$ 31,600.00</b>	<b>\$ 32,400.00</b>	<b>\$ 124,800.00</b>

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Administration</b>	<b>FY START DATE</b>	7/1/2020
21GOTAD6			<b>FY 2021</b>	
Unique Request ID: (FY Project Start year)	21			
(Three letter Agency)	GOT			
(Project Type)	AD			
(Unique Number)	006			

## Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
TPA - Regional Technology and Administration - Support Staff	GoTriangle	Sandra Freeman	Current Year	\$ 72,700
Estimated Start Date	Estimated Completion	Notes		
July 1, 2018	Ongoing	(Add notes as appropriate)		

**Project Description** Enter below a summary of the project that may later be used for the Transit Work Plan.

**NOTE: The project request is a continuation of on-going operating: Specifically consolidation technology and contract administration functions from 20GOT\_AD2 support services submissions approved in the FY20 Workplan**

GoTriangle will continue to allocate 0.4 FTE of Regional Technology and Administration - support staff to the Orange Transit Plan. Staffing includes budgeted time for the Regional Technology Manager, Contract and Grants Coordinator and Contract Administrator. In FY21 the Technology and Administration functions will continue :

- Proposed continuation of the outcomes of the Regional Technology study that assess existing technology within all participating transit agencies, in order to design a coordinated technology integration plan. One such outcome is the mobile-ticketing transition that will be in the process of implementation.
- Contract and Grant management services - including procurement, contract administration, grant allocations, etc
- Assist with the strategic capital improvement of regional park and ride program, proposed RTC relocation, and other infrastructure projects

## Project Monitoring Details

**Administration: Describe proposed responsibilities and duties for new position requests.**

Provide each major intended function, and the percentage of time devoted to each function.

The Regional Technology Project Manager will manage the implementation of the coordinated technology integration plan as part of the annual workplan development process. After implementation, the Project Manager will provide on-going technical support for data updates, required system upgrades, maintenance. A portion of their time will be allocated to Durham, Orange and Wake.

List any other relevant information not addressed.

## Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue		72,700	74,500	76,400	78,300	301,900
Other Revenue						
Federal -						-
State						-
Other:						-
Subtotal Other		-	-	-	-	-
<b>TOTAL REVENUE</b>		<b>72,700</b>	<b>74,500</b>	<b>76,400</b>	<b>78,300</b>	<b>301,900</b>

**Transit Operations: Estimated appropriations to support expenses.**

Enter FY 2021 and the estimated annualized cost in FY 2022 using the 2.5% growth factor, if applicable. The spreadsheet will calculate 2022 and beyond by 2.5%. If your project is not expected to have recurring costs in FY 2022 and/or beyond, delete the calculation(s) in columns F-H.

Cost Break Down of Project Request							
OPERATING COSTS			FY21	FY22	FY23	FY24	Total
Growth Factors			2.50%	2.50%	2.50%	2.50%	
Salary & Fringes			\$ 72,700.00	\$ 74,500.00	\$ 76,400.00	\$ 78,300.00	\$ 301,900.00
Contracts			\$ -	\$ -	\$ -	\$ -	\$ -
Other Purchase of a Service			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL OPERATING COSTS</b>			<b>\$ 72,700.00</b>	<b>\$ 74,500.00</b>	<b>\$ 76,400.00</b>	<b>\$ 78,300.00</b>	<b>\$ 301,900.00</b>

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

Includes Staffing and indirect cost allocation

Unique Project ID#		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Administration</b>	FY START DATE	7/1/2020
18GOTAD10			FY 2021	
Unique Request ID: [FY Project Start year]	18			
[Three letter Agency]	GOT			
[Project Type]	AD			
[Unique Number]	010			

## Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Customer Surveys	GoTriangle	Juan Carlos Erikson (jerikson@gotriangle.org)	Current Year	\$ 11,000
Estimated Start Date	Estimated Completion	Notes		
July 1, 2018		(Add notes as appropriate)		
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<p>GoTriangle will use these funds to continue the development and implementation of annual transit customer surveys that help to continually evaluate user experiences as additional services are implemented. Routes surveyed include the 400, 405, 800, 805, CRX, and the ODX, all of which provide service to Orange County.</p>				

## Project Monitoring Details

**Administration:** Describe proposed responsibilities and duties for new position requests.

Provide each major intended function, and the percentage of time devoted to each function.

Results from the customer surveys will be shared with partners upon completion. They will also be used as a benchmark in the coming years as additional improvements are implemented.

List any other relevant information not addressed.

## Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue		11,000	11,300	11,600	11,900	45,800
Other Revenue						
Federal -						-
State						-
Other:						-
Subtotal Other		-	-	-	-	-
<b>TOTAL REVENUE</b>		<b>11,000</b>	<b>11,300</b>	<b>11,600</b>	<b>11,900</b>	<b>45,800</b>

**Transit Operations:** Estimated appropriations to support expenses.

Enter FY 2021 and the estimated annualized cost in FY 2022 using the 2.5% growth factor, if applicable. The spreadsheet will calculate 2022 and beyond by 2.5%. If your project is not expected to have recurring costs in FY 2022 and/or beyond, delete the calculation(s) in columns F-H.

Cost Break Down of Project Request						
OPERATING COSTS		FY21	FY22	FY23	FY24	Total
Growth Factors		2.50%	2.50%	2.50%	2.50%	
Salary & Fringes			\$ -	\$ -	\$ -	\$ -
Contracts			\$ -	\$ -	\$ -	\$ -
Other Purchase of a Service		\$ 11,000.00	\$ 11,300.00	\$ 11,600.00	\$ 11,900.00	\$ 45,800.00
Other (Describe)			\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -
<b>TOTAL OPERATING COSTS</b>		<b>\$ 11,000.00</b>	<b>\$ 11,300.00</b>	<b>\$ 11,600.00</b>	<b>\$ 11,900.00</b>	<b>\$ 45,800.00</b>

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

Survey and common functions costs

Unique Project ID#	<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Transit Services</b>	FY START DATE	7/1/2020	
20GOT_TS2		FY 2021		
Unique Request ID: (FY Project Start year)		20		
(Three letter Agency)		GOT		
(Project Type)		TS		
(Unique Number)	002			

Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Route 800 Improvements	GoTriangle	Erik Landfried	Current Year	\$ 381,200
Estimated Start Date	Estimated Completion	Notes		
Already implemented	N/A			

<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.
This project consolidates all off-peak span and frequency improvements to GoTriangle Route 800 (Chapel Hill - Southpoint - RTC) since the Tax District began providing funding for it. On Route 800: - Weekday midday frequency was increased from 60 to 30 minutes. - Saturday daytime frequency was increased from 60 to 30 minutes. - Saturday evening service was extended from 7:15 PM to 11:20 PM. - Sunday service was added from 6:45 AM to 7:20 PM. - It also includes former 19GOT_TS1 extending service to 9:20 PM (the 800 component) and 18GOT_TS4 adding additional trips (800S) Costs are allocated 50% to Durham County and 50% to Orange.	

Project Profile

Where is this project located, who will this project serve and what are the key benefits? (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
NC-54 and I-40 between UNC Hospitals and Regional Transit Center	People traveling between Chapel Hill, Southpoint, RTP, and Raleigh at off-peak times	More options for travel times

Project Monitoring Details

Operating Projects

For bus operating projects, please provide:

a) Target Start Date	Already implemented
b) Span	Weekday: 6:00 AM - 11:10 PM, Sat: 6:50 AM - 11:20 PM, Sun: 6:50 AM - 9:10 PM
c) Frequency	Every 15, 30 or 60 minutes
d) Assets Used	GoTriangle vehicles
e) Geographic Termini	UNC Hospitals - Regional Transit Center
f) Major Market Destinations Served	UNC Chapel Hill, The Streets at Southpoint, RTP
g) Revenue Hours	From project: 15.44 on weekdays; 16.42 on Saturdays; 18.33 on Sundays.

Finance Estimates

Revenue

	FY20	FY21	FY22	FY23	FY24	Total
Tax Revenue						
Durham - Orange County Tax Revenue	457,598	381,200	390,700	400,500	410,500	2,040,498
Other Revenue						
Federal						-
State						-
Farebox						-
Subtotal Other	-	-	-	-	-	-
TOTAL REVENUE	457,598	381,200	390,700	400,500	410,500	2,040,498

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request

	FY20	FY21	FY22	FY23	FY24	Total
OPERATING COSTS						
Growth Factors		2.50%	2.50%	2.50%	2.50%	
Salary & Fringes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contracts	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bus Operations:						
Estimated Hours	3,442.27	2,925.14	2,925.14	2,925.14	2,925.14	
Cost per Hour	\$ 127.00	\$ 130.31	\$ 133.57	\$ 136.91	\$ 140.33	
Estimated Operating Cost	\$ 457,597.51	\$ 381,200.00	\$ 390,700.00	\$ 400,500.00	\$ 410,500.00	\$ 2,040,497.51
Bus Leases	\$ -	\$ -	\$ -	\$ -	\$ -	
Park & Ride Lease	\$ -	\$ -	\$ -	\$ -	\$ -	
Other -Bus (Describe)	\$ -	\$ -	\$ -	\$ -	\$ -	
Other -Bus (Describe)	\$ -	\$ -	\$ -	\$ -	\$ -	
Subtotal: Bus Operations	\$ 457,597.51	\$ 381,200.00	\$ 390,700.00	\$ 400,500.00	\$ 410,500.00	\$ 2,040,497.51
Other (Describe)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL OPERATING COSTS	\$ 457,597.51	\$ 381,200.00	\$ 390,700.00	\$ 400,500.00	\$ 410,500.00	\$ 2,040,497.51

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

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<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Transit Services</b>	<b>FY START DATE</b>	7/1/2020
20GOT_TS3			<b>FY 2021</b>	
Unique Request ID: [FY Project Start year]	20			
[Three letter Agency]	GOT			
[Project Type]	TS			
[Unique Number]	003			

## Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Route 400 Improvements	GoTriangle	Erik Landfried	Current Year	\$ 326,700
Estimated Start Date	Estimated Completion	Notes		
Already implemented	N/A			
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<p>This project consolidates all off-peak span and frequency improvements to GoTriangle Route 400 (Durham - Chapel Hill) since the Tax District began providing funding for it. On Route 400:</p> <ul style="list-style-type: none"> <li>- Weekday midday frequency was increased from 60 to 30 minutes.</li> <li>- Saturday daytime frequency was increased from 60 to 30 minutes.</li> <li>- Saturday evening service was extended from 6:55 PM to 10:55 PM.</li> <li>- Sunday service was added from 7:00 AM to 6:55 PM. It also includes former 19GOT_TS1 extending service to 8:55 PM (the 400 component).</li> </ul> <p>Costs are allocated 50% to Durham County and 50% to Orange.</p>				

## Project Profile

**Where is this project located, who will this project serve and what are the key benefits?** (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Erwin Rd, US-15/501, and Franklin St between Durham Station and UNC Hospitals.	People traveling between Durham and Chapel Hill at off-peak times	More options for travel times

## Project Monitoring Details

### Operating Projects

For bus operating projects, please provide:

a) Target Start Date	Already implemented
b) Span	Weekday: 6:15 AM - 10:55 PM, Sat: 7:00 AM - 10:55 PM, Sun: 7:00 AM - 8:55 PM
c) Frequency	Every 30 or 60 minutes
d) Assets Used	GoTriangle vehicles
e) Geographic Termini	Durham Station - UNC Hospitals
f) Major Market Destinations Served	UNC Chapel Hill, Patterson Place, Duke & VA Medical Centers
g) Revenue Hours	From project: 10.03 on weekdays; 23.58 on Saturdays; 22.25 on Sundays

## Finance Estimates

Revenue							
Tax Revenue		FY20	FY21	FY22	FY23	FY24	Total
Durham - Orange County Tax Revenue		343,632	326,700	334,900	343,200	351,800	1,700,232
Other Revenue							
Federal							-
State							-
Farebox							-
Subtotal Other		-	-	-	-	-	-
<b>TOTAL REVENUE</b>		<b>343,632</b>	<b>326,700</b>	<b>334,900</b>	<b>343,200</b>	<b>351,800</b>	<b>1,700,232</b>

total base

proj days

wee

Sat

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request							
OPERATING COSTS		FY20	FY21	FY22	FY23	FY24	Total
Growth Factors			2.50%	2.50%	2.50%	2.50%	
Salary & Fringes			\$ -	\$ -	\$ -	\$ -	\$ -
Contracts			\$ -	\$ -	\$ -	\$ -	\$ -
Bus Operations:							
Estimated Hours		2,705.76	2,507.13	2,507.13	2,507.13	2,507.13	
Cost per Hour		\$ 127.00	\$ 130.31	\$ 133.57	\$ 136.91	\$ 140.33	
Estimated Operating Cost		\$ 343,631.52	\$ 326,700.00	\$ 334,900.00	\$ 343,200.00	\$ 351,800.00	\$ 1,700,231.52
Bus Leases			\$ -	\$ -	\$ -	\$ -	
Park & Ride Lease			\$ -	\$ -	\$ -	\$ -	
Other -Bus (Describe)			\$ -	\$ -	\$ -	\$ -	
Other -Bus (Describe)			\$ -	\$ -	\$ -	\$ -	
Subtotal: Bus Operations		\$ 343,631.52	\$ 326,700.00	\$ 334,900.00	\$ 343,200.00	\$ 351,800.00	\$ 1,700,231.52
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL OPERATING COSTS		\$ 343,631.52	\$ 326,700.00	\$ 334,900.00	\$ 343,200.00	\$ 351,800.00	\$ 1,700,231.52

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Transit Services</b>	<b>FY START DATE</b>	7/1/2020
20GOT_TS5			<b>FY 2021</b>	
Unique Request ID: [FY Project Start Year]	20			
[Three letter Agency]	GOT			
[Project Type]	TS			
[Unique Number]	005			

Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Route ODX	GoTriangle	Erik Landfried	Current Year	\$ 178,500
Estimated Start Date	Estimated Completion	Notes		
Already implemented	N/A			
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<p>A new Orange-Durham Express route was implemented, linking Mebane, Efland, and Hillsborough in Orange County to the Duke &amp; VA Medical Centers and downtown Durham during weekday peak hours.</p> <p>Costs are allocated 50% to Durham County and 50% to Orange.</p>				

Project Profile

Where is this project located, who will this project serve and what are the key benefits? (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
I-85, I-40, US-70, and NC-147 between the Orange County line and downtown Durham	People traveling between Orange County and Durham at peak times	Ability to Park-and-Ride to major employers in Durham, plus reverse commute access for Durham residents to Orange County employers

Project Monitoring Details

Operating Projects

For bus operating projects, please provide:

a) Target Start Date	Already implemented
b) Span	Weekday: 5:45 AM - 8:55 AM and 4:00 PM - 7:10 PM
c) Frequency	Every 15 minutes
d) Assets Used	GoTriangle vehicles
e) Geographic Termini	Efland-Cheeks Community Center - Durham Station
f) Major Market Destinations Served	Mebane Cone Health P&R, Durham Tech OCC, Downtown Hillsborough, Duke & VA Medical Centers, Downtown Durham
g) Revenue Hours	Weekday: 10.83 (all from this project)

Finance Estimates

Revenue							
Tax Revenue		FY20	FY21	FY22	FY23	FY24	Total
Durham - Orange County Tax Revenue		168,688	178,500	183,000	187,600	192,300	910,088
Other Revenue							
Federal							-
State							-
Farebox							-
Subtotal Other		-	-	-	-	-	-
<b>TOTAL REVENUE</b>		<b>168,688</b>	<b>178,500</b>	<b>183,000</b>	<b>187,600</b>	<b>192,300</b>	<b>910,088</b>

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request

OPERATING COSTS	FY20	FY21	FY22	FY23	FY24	Total
Growth Factors		2.50%	2.50%	2.50%	2.50%	
Salary & Fringes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contracts	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bus Operations:						
Estimated Hours	1,328.25	1,370.00	1,370.00	1,370.00	1,370.00	
Cost per Hour	\$ 127.00	\$ 130.31	\$ 133.57	\$ 136.91	\$ 140.33	
Estimated Operating Cost	\$ 168,687.75	\$ 178,500.00	\$ 183,000.00	\$ 187,600.00	\$ 192,300.00	\$ 910,087.75
Bus Leases	\$ -	\$ -	\$ -	\$ -	\$ -	
Park & Ride Lease	\$ -	\$ -	\$ -	\$ -	\$ -	
Other -Bus (Describe)	\$ -	\$ -	\$ -	\$ -	\$ -	
Other -Bus (Describe)	\$ -	\$ -	\$ -	\$ -	\$ -	
Subtotal: Bus Operations	\$ 168,687.75	\$ 178,500.00	\$ 183,000.00	\$ 187,600.00	\$ 192,300.00	\$ 910,087.75
Other (Describe)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL OPERATING COSTS</b>	<b>\$ 168,687.75</b>	<b>\$ 178,500.00</b>	<b>\$ 183,000.00</b>	<b>\$ 187,600.00</b>	<b>\$ 192,300.00</b>	<b>\$ 910,087.75</b>

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Transit Services</b>	<b>FY START DATE</b>	7/1/2020
20GOT_TS6			<b>FY 2021</b>	
Unique Request ID: [FY Project Start Year]	20			
[Three letter Agency]	GOT			
[Project Type]	TS			
[Unique Number]	006			

Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Route CRX Improvements	GoTriangle	Erik Landfried	Current Year	\$ 61,400
Estimated Start Date	Estimated Completion	Notes		
Already implemented	N/A			
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<p>Due to high demand for express service between Chapel Hill and Raleigh, additional trips were added to Route CRX (Chapel Hill - Raleigh Express).</p> <p>This project was originally charged 100% to Orange County, but proportionate additional investment from Wake County started in Wake's FY 2019 work plan.</p>				

Project Profile

Where is this project located, who will this project serve and what are the key benefits? (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
NC-54 and I-40 between UNC Chapel Hill and downtown Raleigh	People traveling between Chapel Hill and Raleigh at peak times	More options for trip times, and less crowding

Project Monitoring Details

Operating Projects

For bus operating projects, please provide:

a) Target Start Date	Already implemented
b) Span	Weekday: 5:45 AM - 9:55 AM and 3:00 PM - 7:40 PM
c) Frequency	Every 20-45 minutes
d) Assets Used	GoTriangle vehicles
e) Geographic Termini	Downtown Chapel Hill - GoRaleigh Station
f) Major Market Destinations Served	UNC Chapel Hill, NC State University, Downtown Raleigh
g) Revenue Hours	From project: 4.14 rev/h

Finance Estimates

Revenue							
<b>Tax Revenue</b>		<b>FY20</b>	<b>FY21</b>	<b>FY22</b>	<b>FY23</b>	<b>FY24</b>	<b>Total</b>
Durham - Orange County Tax Revenue		61,096	61,400	63,000	64,500	66,100	316,096
<b>Other Revenue</b>							
Federal							-
State							-
Farebox							-
<b>Subtotal Other</b>		-	-	-	-	-	-
<b>TOTAL REVENUE</b>		61,096	61,400	63,000	64,500	66,100	316,096

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request							
<b>OPERATING COSTS</b>		<b>FY20</b>	<b>FY21</b>	<b>FY22</b>	<b>FY23</b>	<b>FY24</b>	<b>Total</b>
Growth Factors			2.50%	2.50%	2.50%	2.50%	
Salary & Fringes		\$	-	\$	-	\$	-
Contracts		\$	-	\$	-	\$	-
Bus Operations:							
Estimated Hours		481.07	471.37	471.37	471.37	471.37	
Cost per Hour		\$ 127.00	\$ 130.31	\$ 133.57	\$ 136.91	\$ 140.33	
Estimated Operating Cost		\$ 61,095.89	\$ 61,400.00	\$ 63,000.00	\$ 64,500.00	\$ 66,100.00	\$ 316,095.89
Bus Leases		\$	-	\$	-	\$	-
Park & Ride Lease		\$	-	\$	-	\$	-
Other -Bus (Describe)		\$	-	\$	-	\$	-
Other -Bus (Describe)		\$	-	\$	-	\$	-
Subtotal: Bus Operations		\$ 61,095.89	\$ 61,400.00	\$ 63,000.00	\$ 64,500.00	\$ 66,100.00	\$ 316,095.89
Other (Describe)		\$	-	\$	-	\$	-
Other (Describe)		\$	-	\$	-	\$	-
Other (Describe)		\$	-	\$	-	\$	-
<b>TOTAL OPERATING COSTS</b>		\$ 61,095.89	\$ 61,400.00	\$ 63,000.00	\$ 64,500.00	\$ 66,100.00	\$ 316,095.89

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

The rev/hours match Wake Transit, but it is lower than the amount of service provided.

<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Transit Services</b>	<b>FY START DATE</b>	7/1/2020
20GOT_TS9			<b>FY 2021</b>	
Unique Request ID: [FY Project Start Year]	20			
[Three letter Agency]	GOT			
[Project Type]	TS			
[Unique Number]	009			

Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Route 405 Improvements	GoTriangle	Erik Landfried	Current Year	\$ 20,600
Estimated Start Date	Estimated Completion	Notes		
Already implemented	N/A			
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<p>Due to high demand for express service between Durham and Chapel Hill, additional trips were added to Route 405.</p> <p>This project is charged 50% to Durham County and 50% to Orange County.</p>				

Project Profile

**Where is this project located, who will this project serve and what are the key benefits?** (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
US 15-501 corridor between Durham Station/Duke University and Chapel Hill/Carrboro	People traveling between Durham and Chapel Hill at peak times	More options for trip times, and less crowding

Project Monitoring Details

Operating Projects

For bus operating projects, please provide:

a) Target Start Date	Already implemented
b) Span	Weekday: 5:45 AM - 9:50 AM and 3:10 PM - 7:20 PM
c) Frequency	Every 30 minutes
d) Assets Used	GoTriangle vehicles
e) Geographic Termini	Durham Station - Carrboro/UNC Hospitals
f) Major Market Destinations Served	Downtown Durham, Durke University, Chapel Hill, Carrboro
g) Revenue Hours	From project: 1,25 rev/h

Finance Estimates

Revenue							
<b>Tax Revenue</b>		<b>FY20</b>	<b>FY21</b>	<b>FY22</b>	<b>FY23</b>	<b>FY24</b>	<b>Total</b>
Durham - Orange County Tax Revenue		38,397	20,600	21,100	21,600	22,200	123,897
<b>Other Revenue</b>							
Federal							-
State							-
Farebox							-
<b>Subtotal Other</b>		-	-	-	-	-	-
<b>TOTAL REVENUE</b>		38,397	20,600	21,100	21,600	22,200	123,897

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request							
OPERATING COSTS	FY20	FY21	FY22	FY23	FY24	Total	
Growth Factors		2.50%	2.50%	2.50%	2.50%		
Salary & Fringes	\$ 127.00	\$ 130.31	\$ 133.57	\$ 136.91	\$ 140.33		
Contracts	\$ -	\$ -	\$ -	\$ -	\$ -		
Bus Operations:							
Estimated Hours	302.34	158.13	158.13	158.13	158.13		
Cost per Hour	\$ 127.00	\$ 130.31	\$ 133.57	\$ 136.91	\$ 140.33		
Estimated Operating Cost	\$ 38,397.18	\$ 20,600.00	\$ 21,100.00	\$ 21,600.00	\$ 22,200.00	\$ 123,897.18	
Bus Leases	\$ -	\$ -	\$ -	\$ -	\$ -		
Park & Ride Lease	\$ -	\$ -	\$ -	\$ -	\$ -		
Other -Bus (Describe)	\$ -	\$ -	\$ -	\$ -	\$ -		
Other -Bus (Describe)	\$ -	\$ -	\$ -	\$ -	\$ -		
Subtotal: Bus Operations	\$ 38,397.18	\$ 20,600.00	\$ 21,100.00	\$ 21,600.00	\$ 22,200.00	\$ 123,897.18	
Other (Describe)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other (Describe)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other (Describe)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL OPERATING COSTS</b>	\$ 38,397.18	\$ 20,600.00	\$ 21,100.00	\$ 21,600.00	\$ 22,200.00	\$ 123,897.18	

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

The cost had not been split between counties.

<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Transit Services</b>	<b>FY START DATE</b>	7/1/2020
19GOT_TS8			<b>FY 2021</b>	
Unique Request ID: [FY Project Start Year]	19			
[Three letter Agency]	GOT			
[Project Type]	TS			
[Unique Number]	008			

Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Paratransit expansion	GoTriangle	Erik Landfried	Current Year	\$ 21,600
Estimated Start Date	Estimated Completion	Notes		
Not implemented, some addition starting August 2020	N/A			
Project Description	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<p>Due to span increases on Saturday, Sundays and holidays for Routes 400, 700, and 800, there are additional ADA paratransit costs incurred. These costs are split 64% to Durham County and 36% to Orange County.</p>				

Project Profile

Where is this project located, who will this project serve and what are the key benefits? (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Durham and Orange Counties	ADA paratransit customers within 3/4 mile of Routes 400, 700, and 800	Federally required access for persons with disabilities

Project Monitoring Details

Operating Projects

For bus operating projects, please provide:

a) Target Start Date	Already implemented w/exception of Sunday span increase from 7-9pm and new holiday service
b) Span	Sat: 9:00PM - 11:00 PM, Sun/holiday: 7:00 AM - 9:00 PM
c) Frequency	Every 60 minutes
d) Assets Used	GoTriangle vehicles
e) Geographic Termini	3/4 mile of Routes 400, 700, 800
f) Major Market Destinations Served	Durham and Orange Counties
g) Revenue Hours	n/a

Finance Estimates

Revenue							
<b>Tax Revenue</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>FY22</b>	<b>FY23</b>	<b>FY24</b>	<b>Total</b>
Durham - Orange County Tax Revenue	19,001	21,000	21,600	22,200	22,800	23,400	130,001
<b>Other Revenue</b>							
Federal							-
State							-
Farebox							-
<b>Subtotal Other</b>	-	-	-	-	-	-	-
<b>TOTAL REVENUE</b>	<b>19,001</b>	<b>21,000</b>	<b>21,600</b>	<b>22,200</b>	<b>22,800</b>	<b>23,400</b>	<b>130,001</b>

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request							
<b>OPERATING COSTS</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>FY22</b>	<b>FY23</b>	<b>FY24</b>	<b>Total</b>
Growth Factors		10.77%	2.50%	2.50%	2.50%	2.50%	
Salary & Fringes			\$ -	\$ -	\$ -	\$ -	\$ -
Contracts			\$ -	\$ -	\$ -	\$ -	\$ -
Bus Operations:							
Estimated Hours	146.16	146.16	146.16	146.16	146.16	146.16	
Cost per Hour	\$ 130.00	\$ 144.00	\$ 148.00	\$ 152.00	\$ 156.00	\$ 160.00	
Estimated Operating Cost	\$ 19,000.80	\$ 21,000.00	\$ 21,600.00	\$ 22,200.00	\$ 22,800.00	\$ 23,400.00	\$ 130,000.80
Bus Leases			\$ -	\$ -	\$ -	\$ -	
Park & Ride Lease			\$ -	\$ -	\$ -	\$ -	
Other -Bus (Describe)			\$ -	\$ -	\$ -	\$ -	
Other -Bus (Describe)			\$ -	\$ -	\$ -	\$ -	
Subtotal: Bus Operations	\$ 19,000.80	\$ 21,000.00	\$ 21,600.00	\$ 22,200.00	\$ 22,800.00	\$ 23,400.00	\$ 130,000.80
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)			\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL OPERATING COSTS</b>	<b>\$ 19,000.80</b>	<b>\$ 21,000.00</b>	<b>\$ 21,600.00</b>	<b>\$ 22,200.00</b>	<b>\$ 22,800.00</b>	<b>\$ 23,400.00</b>	<b>\$ 130,000.80</b>

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

Estimated hours is based on budgeted paratransit hours related to span increases for FY18 budget plus an assumption of 25% of the fixed route costs to provide additional Sunday span (7 to 9pm) and new holiday service.

Unique Project ID#		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Transit Services</b>	FY START DATE	7/1/2020
21GOT_001			FY 2021	
Unique Request ID: [FY Project Start year]	21			
[Three letter Agency]	GOT			
[Project Type]	OO			
[Unique Number]	001			

## Project Business Case

<b>Project Name</b>	<b>Requesting Agency</b>	<b>Project Contact</b>	<b>TTD Estimated Cost</b>	
Youth Gopass	GoTriangle	Eric Bergstraesser	Current Year	\$ 16,900
<b>Estimated Start Date</b>	<b>Estimated Completion</b>	<b>Notes</b>		
July 1, 2020		(Add notes as appropriate)		
<b>Project Description</b>		Enter below a summary of the project that may later be used for the Transit Work Plan.		
<p>For youth ages 13-18, transit agencies across Orange, Wake and Durham County will continue to offer a 'Youth GoPass' program. These fare passes are issued by GoTriangle, GoDurham, GoRaleigh, or GoCary with valid K-12 School ID Cards, or with transit agency issued identification cards. GoTriangle, GoDurham GoRaleigh, GoCary, and , in partnership with the respective County's, will continue to work with schools along triangle County's bus network to issue the passes. Passes will also continue to be available to those with a valid ID at GoDurham Station, GoRaleigh Station, the Town of Cary Finance Department, the GoTriangle Regional Transportation Center, public libraries, and regional centers. This project covers the cost of offsetting fares that would have been collected by GoTriangle in the county share of routes, in addition to purchasing the supplies needed for this program. The estimated cost is allocation of GoTriangle- Orange share of Youth GoPass boardings in Orange County</p>				

## Project Profile

**Where is this project located, who will this project serve and what are the key benefits?** (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Regional - Orange Share	For youth ages 13-18	Provides Transit access to the next generation of Transit riders.

## Project Monitoring Details

### Operating Projects

List any other relevant information not addressed.

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## Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue		16,900	17,300	17,700	18,100	70,000
Other Revenue						
Federal						-
State						-
Other:						-
Subtotal Other		-	-	-	-	-
<b>TOTAL REVENUE</b>		<b>16,900</b>	<b>17,300</b>	<b>17,700</b>	<b>18,100</b>	<b>70,000</b>

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request						
OPERATING COSTS		FY21	FY22	FY23	FY24	Total
Growth Factors		2.50%	2.50%	2.50%	2.50%	
Salary & Fringes		\$ -	\$ -	\$ -	\$ -	\$ -
Contracts		\$ -	\$ -	\$ -	\$ -	\$ -
Bus Operations:						
Estimated Hours		\$ -	\$ -	\$ -	\$ -	
Cost per Hour		\$ -	\$ -	\$ -	\$ -	
Estimated Operating Cost		\$ -	\$ -	\$ -	\$ -	\$ -
Bus Leases		\$ -	\$ -	\$ -	\$ -	
Park & Ride Lease		\$ -	\$ -	\$ -	\$ -	
Other -Bus (Describe)		\$ -	\$ -	\$ -	\$ -	
Other -Bus (Describe)		\$ -	\$ -	\$ -	\$ -	
Subtotal: Bus Operations		\$ -	\$ -	\$ -	\$ -	\$ -
Other Purchase of a Service		\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)		\$ 16,900.00	\$ 17,300.00	\$ 17,700.00	\$ 18,100.00	\$ 70,000.00
Other (Describe)		\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL OPERATING COSTS</b>		<b>\$ 16,900.00</b>	<b>\$ 17,300.00</b>	<b>\$ 17,700.00</b>	<b>\$ 18,100.00</b>	<b>\$ 70,000.00</b>

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

Route	Per Boarding	CY2019 Actual	CY2019 Cost	FY2021 Proj.	FY2021 Cost
400	\$0.50	4,153	\$2,076.50	7,051	\$3,525.50
405	\$0.50	1,873	\$936.50	2,851	\$1,425.50
420	\$1.00	53	\$53.00	53	\$53.00
800	\$0.50	5,388	\$2,694.00	8,490	\$4,245.00
805	\$0.50	11,576	\$5,788.00	11,576	\$5,788.00
ODX	\$0.625	924	\$577.50	924	\$577.50
Sub.		23,967	\$12,125.50	30,945	\$15,614.50
CRX	\$0.625	1,460	\$912.50	2,042	\$1,276.25
<b>Total</b>		<b>25,427</b>	<b>\$13,038.00</b>	<b>32,987</b>	<b>\$16,890.75</b>

<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Transit Services</b>	<b>FY START DATE</b>	7/1/2020
21GOT_002			<b>FY 2021</b>	
Unique Request ID: (FY Project Start year)	21			
(Three letter Agency)	GOT			
(Project Type)	OO			
(Unique Number)	002			

## Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Fare Collection Improvements (D)	GoTriangle	Eric Bergstraesser	Current Year	\$ 18,000
Estimated Start Date	Estimated Completion	Notes		
July 1, 2020		(Add notes as appropriate)		

<b>Project Description</b>	<i>Enter below a summary of the project that may later be used for the Transit Work Plan.</i>
<p>This project will cover the annual costs associated with updated mobile ticketing technology for GoTriangle buses. Share of cost based on FY19 boardings reported in Orange County.</p> <p>This project request also allocates a portion of hold harmless against any reduction of fare revenue as a result of implementing this uniform fare strategy. The regional fare-working groups priorities include (1) Improving Pass Distribution and Sales; (2) Balance Revenue and Ridership Goals; (3) Improve the Passenger Experience; (4) Improve Regional Coordination; (5) Make Transit an Affordable Option; and (6) Explore New Fare Technologies. These earmarked funds will be estimated and will be dependent on the final methodology developed by a Fare Working Group.</p>	

## Project Profile

**Where is this project located, who will this project serve and what are the key benefits?** (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Regional - Orange Share	Durham, Orange and Wake County	To improve the transit passengers' experience.

## Project Monitoring Details

List any other relevant information not addressed.

## Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue		18,000	18,500	19,000	19,500	75,000
Other Revenue						
Federal						-
State						-
Other:						-
Subtotal Other		-	-	-	-	-
TOTAL REVENUE		18,000	18,500	19,000	19,500	75,000

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request						
OPERATING COSTS		FY21	FY22	FY23	FY24	Total
Growth Factors		2.50%	2.50%	2.50%	2.50%	
Salary & Fringes		\$	-	\$	-	\$ -
Contracts		\$	-	\$	-	\$ -
Bus Operations:						
Estimated Hours		\$	-	\$	-	
Cost per Hour		\$	-	\$	-	
Estimated Operating Cost		\$ -	\$ -	\$ -	\$ -	\$ -
Bus Leases		\$	-	\$	-	
Park & Ride Lease		\$	-	\$	-	
Other -Bus (Describe)		\$	-	\$	-	
Other -Bus (Describe)		\$	-	\$	-	
Subtotal: Bus Operations		\$ -	\$ -	\$ -	\$ -	\$ -
Other Purchase of a Service		\$ 18,000.00	\$ 18,500.00	\$ 19,000.00	\$ 19,500.00	\$ 75,000.00
Other (Describe)		\$	-	\$	-	\$ -
Other (Describe)		\$	-	\$	-	\$ -
TOTAL OPERATING COSTS		\$ 18,000.00	\$ 18,500.00	\$ 19,000.00	\$ 19,500.00	\$ 75,000.00

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

Orange Share of GoTriangle boardings in FY19 was 429,247 and informed the estimated share of Mobile Ticketing Transaction fee of \$12,000 and hold harmless proposed estimate for FY21 of \$6,000 and will be refined based on uniform fare policy across the region.



<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Capital</b>	<b>FY START DATE</b>	7/1/2020
18GOT_CD11			<b>FY 2021</b>	
Unique Request ID: (FY Project Start year)	18			
[Three letter Agency]	GOT			
[Project Type]	CD			
[Unique Number]	011			

## Project Business Case

<b>Project Name</b>	<b>Requesting Agency</b>	<b>Project Contact</b>	<b>TTD Estimated Cost</b>	
Mebane Park and Ride Feasibility Study	GoTriangle	Jay Heikes	Current Year	\$ 10,000
<b>Estimated Start Date</b>	<b>Estimated Completion</b>	<b>Notes</b>		
October 1, 2020	June 30, 2021	(Add notes as appropriate)		
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<p>Establish site parameters and evaluation criteria for a 150-200 space park and ride to be shared by GoTriangle, PART, and Orange County Public Transit. Identify up to five candidate sites. Screen sites and select preferred site and an alternate site. Develop 10% conceptual design for a preferred location and a possible alternate. BGMPO TAC approved UPWP FY21 request at its January 2020 meeting. PART, Orange County, City of Mebane have all expressed written support of this funding reallocation.</p>				

## Project Profile

**Where is this project located, who will this project serve and what are the key benefits?** (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Mebane	City of Mebane and Western Orange County Residents. GoTriangle ODX, Part 4, and Alamance-Orange Connector riders	Increased park and ride capacity; improved stop amenities

## Project Monitoring Details

<b>Quantitative and Qualitative Outcomes</b>	<b>**Please list up to 3 Quantitative metrics and 1 Qualitative</b>			
Increased Park and ride capacity by 100-150 spaces (50 existing spaces)	Increased ridership	Fewer Customer complaints	<b>Qualitative</b>	Improved Customer Satisfaction

## List any other relevant information not addressed.

Cone Health has not been supportive of stop improvements in the current location or an increase in the number of leased spaces. Currently 50 spaces are leased, average daily park and ride use is 80 between GoTriangle and PART.
--

## Finance Estimates

### Estimated Project Revenues:

If there are other revenues besides Transit Tax Revenue to support this request, please enter the anticipated revenue amounts next to the appropriate funding source for each fiscal year shown below.

Revenue							
Tax Revenue	FY19 (Actuals)	FY20 (Budget)	FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue	-	10,630		-	-	-	10,630
Other Revenue							
Federal - Approved BGMPO UPWP FY21			\$ 40,000				40,000
State							-
Other:							-
<b>Subtotal Other</b>	-	-	40,000	-	-	-	40,000
<b>TOTAL REVENUE</b>	-	10,630	40,000	-	-	-	50,630

Transit Capital Development: Estimated appropriations to support contractual commitments and other expenses related to proposed capital projects.

Cost Break Down of Project Request							
CAPITAL COSTS	FY19 (Actuals)	FY20 (Budget)	FY21	FY22	FY23	FY24	Total
Feasibility or Other Studies			\$ 10,630				\$ 10,630
Land - Right of Way							\$ -
Design & Engineering							\$ -
Construction - Implementation							\$ -
Equipment							\$ -
Other (Describe)							\$ -
<b>TOTAL CAPITAL COSTS</b>	-	-	10,630	-	-	-	10,630

### Assumptions for Costs and Revenues Above:

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

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<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Capital</b>	<b>FY START DATE</b>	7/1/2020
21GOT_VP1			<b>FY 2021</b>	
Unique Request ID: (FY Project Start year)	21			
(Three letter Agency)	GOT			
(Project Type)	VP			
(Unique Number)	001			

Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Vehicle acquisition and replacement	GoTriangle	Eric Bergstraesser	Current Year	\$ 903,000
Estimated Start Date	Estimated Completion	Notes		
July 1, 2020		(Add notes as appropriate)		
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<p>GoTriangle implemented a level buying bus acquisition strategy that will replace 1/12th of the fleet per year. The strategy includes approximately 10 vehicle re-powers (per-year) with an ultimate goal of having a fleet average age of 6 years. Previous Adopted Transit Plans have allocated \$1.9M for a combination of New and Replacement buses. Based on current knowledge of the GoTriangle fleet size starting in FY21, there is an urgent need to replace expansion service provided in the County since 2013. The addition to Transit funded routes have added to the wear and tear of the current fleet at a very accelerated rate. The proposed strategy will allow GoTriangle to maintain the current fleet size with meeting the goal of reliable transportation for the residents within the County. GoTriangle anticipates approximately \$1.8M is expected to be available entering FY21 and would utilize those funds before a new funding request to new Orange Transit Plan. Based on early estimation that request would occur in FY23. The Board Adopted Bus Plan allocated funds of ~15.8M for GoTriangle from FY21 to FY27 . This strategy changes the allocation of a 100% funding for "new buses" and a smaller % for replacement buses GoTriangle created a calculation based on the breakdown of (GoTriangle) mileage by Orange and Non-Orange mileage based on the current Transit Bus Plan and the expected Route sponsors are listed below. If new routes/services (packages) are assigned in the County to GoTriangle additional Buses might be needed to be purchased and an additional project sheet might be submitted in a subsequent year. Since this allocation is based on the Adopted Multiyear Bus Plan it includes the expectation of CRT services occurring beyond FY27 which impact the FY27 mileage allocation.</p>				

Project Profile

**Where is this project located, who will this project serve and what are the key benefits?** (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Regional - Orange Share	Durham, Orange and Wake County	* A Set of capital projects to improve the transit passengers' experience and service reliability.

Project Monitoring Details

Quantitative and Qualitative Outcomes		**Please list up to 3 Quantitative metrics and 1 Qualitative		
Improvement of passenger experience	Service reliability		Qualitative	

**List any other relevant information not addressed.**

Miles Breakout based on Orange Transit Bus Plan

Expected Miles (Orange) - FY21 (20%) - Expected Miles (Non-Orange) - FY21 (80%)

Expected Miles (Orange) - FY22 (20%) - Expected Miles (Non-Orange) - FY22 (80%)

Expected Miles (Orange) - FY23 (18%) - Expected Miles (Non-Orange) - FY23 (72%)

Expected Miles (Orange) - FY24 (18%) - Expected Miles (Non-Orange) - FY24 (72%)

Expected Miles (Orange) - FY25 (18%) - Expected Miles (Non-Orange) - FY25 (72%)

Expected Miles (Orange) - FY26 (18%) - Expected Miles (Non-Orange) - FY26 (72%)

Expected Miles (Orange) - FY27 (18%) - Expected Miles (Non-Orange) - FY27 (72%)

Finance Estimates

**Estimated Project Revenues:**

If there are other revenues besides Transit Tax Revenue to support this request, please enter the anticipated revenue amounts next to the appropriate funding source for each fiscal year shown below.

Revenue							
Tax Revenue	FY19 (Actuals)	FY20 (Budget)	FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue	-	-	903,000	903,000	-	-	1,806,000
Other Revenue							
Federal							-
State							-
Other:							-
Subtotal Other	-	-	-	-	-	-	-
TOTAL REVENUE	-	-	903,000	903,000	-	-	1,806,000

**Transit Capital Development: Estimated appropriations to support contractual commitments and other expenses related to proposed capital projects.**

**Cost Break Down of Project Request**

CAPITAL COSTS	FY19 (Actuals)	FY20 (Budget)	FY21	FY22	FY23	FY24	Total
Feasibility or Other Studies							\$ -
Land - Right of Way							\$ -
Design & Engineering							\$ -
Construction - Implementation							\$ -
Equipment							\$ -
Other (Describe)			\$ 903,000	\$ 903,000			\$ 1,806,000
TOTAL CAPITAL COSTS	-	-	903,000	903,000	-	-	1,806,000

**Assumptions for Costs and Revenues Above:**

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

Estimated Vehicle acquisition share based on level buying program distributed proportionately on vehicle miles in each county. By FY21, GoTriangle would have provided an estimated 820,561 expansion vehicle miles in Orange County

<b>Unique Project ID#</b>		<b>Triangle Tax District Orange Transit Work Plan Project Request Form Capital</b>	<b>FY START DATE</b>	7/1/2020
21GOT_CO1			<b>FY 2021</b>	
Unique Request ID: [FY Project Start year]	21			
[Three letter Agency]	GOT			
[Project Type]	CO			
[Unique Number]	001			

## Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Origin Destination Survey	GoTriangle	Jay Heikes	Current Year	\$ 250,000
Estimated Start Date	Estimated Completion	Notes		
July 1, 2020	June 30, 2021	(Add notes as appropriate)		
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<p>Tablet Based Transit-On-Board Origin-Destination Survey to record transit travel behavior and produce data available for analysis about transit travel markets. This information is an essential input into both the Triangle Regional Model and FTA's Simplified Trips on Project Software. All projects in CIG rely on this data. All projects that receive state funding also rely on this data. This last transit-on-board survey was conducted in 2014 in Orange and Durham and in 2015 for Wake. The FY21 Wake County Transit Plan has funding to conduct surveys for all Wake County Transit agencies in Fall of 2020. FTA and industry best practice is to conduct a regional survey at a single point in time. Doing so will allow for more timely and less costly post-processing than if studies were conducted in different time windows and by different vendors. This funding is essential to create a single, up-to-date regional transit-on-board origin-destination survey.</p>				

## Project Profile

Where is this project located, who will this project serve and what are the key benefits? (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Orange County	All existing and future transit riders	1. Up-to-date Data necessary for Service and Capital Planning 2. Enable data-driven decisions on future transit plan investments

## Project Monitoring Details

Quantitative and Qualitative Outcomes      \*\*Please list up to 3 Quantitative metrics and 1 Qualitative

			Qualitative	
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List any other relevant information not addressed.

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## Finance Estimates

### Estimated Project Revenues:

If there are other revenues besides Transit Tax Revenue to support this request, please enter the anticipated revenue amounts next to the appropriate funding source for each fiscal year shown below.

Revenue							
Tax Revenue	FY19 (Actuals)	FY20 (Budget)	FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue	-	-	250,000	-	-	-	250,000
Other Revenue							
Federal							-
State							-
Other:							-
Subtotal Other	-	-	-	-	-	-	-
<b>TOTAL REVENUE</b>	-	-	250,000	-	-	-	250,000

Transit Capital Development: Estimated appropriations to support contractual commitments and other expenses related to proposed capital projects.

### Cost Break Down of Project Request

CAPITAL COSTS	FY19 (Actuals)	FY20 (Budget)	FY21	FY22	FY23	FY24	Total
Feasibility or Other Studies			\$ 250,000				\$ 250,000
Land - Right of Way							\$ -
Design & Engineering							\$ -
Construction - Implementation							\$ -
Equipment							\$ -
Other (Describe)							\$ -
<b>TOTAL CAPITAL COSTS</b>	-	-	250,000	-	-	-	250,000

Assumptions for Costs and Revenues Above:

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

estimate based on actual cost to complete this survey work in 2014, inclusion of Duke Transit, and cost escalation / CPI
--

<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Capital</b>	<b>FY START DATE</b>	7/1/2020
21GOT_CO2			<b>FY 2021</b>	
Unique Request ID: [FY Project Start Year]	21			
[Three letter Agency]	GOT			
[Project Type]	CO			
[Unique Number]	002			

## Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
GoTriangle Short Range Transit Plan	GoTriangle	Erik Landfried	Current Year	\$ 31,250
Estimated Start Date	Estimated Completion	Notes		
January 1, 2021	January 1, 2022	(Add notes as appropriate)		
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<p>Upon completion of the Orange County Transit Plan update, GoTriangle will need to put together an updated Short Range Transit Plan that includes the service adjustments envisioned in updates to all three County plans (Durham, Orange, and Wake). This project represents 12.5% of the cost of that planning effort, which is the same assumption being made for similar capital project studies that include all three counties, including the Regional Transit Center relocation study.</p>				

## Project Profile

Where is this project located, who will this project serve and what are the key benefits? (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
n/a	A consolidated Short Range Transit Plan will allow GoTriangle to effectively deliver the projects it sponsors.	A GoTriangle SRTP will provide more details on operating projects and associated capital projects along with an updated fleet plan. This is key for effectively managing our resources and will make it much easier to populate future work plans.

## Project Monitoring Details

Quantitative and Qualitative Outcomes \*\*Please list up to 3 Quantitative metrics and 1 Qualitative

Final GoTriangle Short Range Transit Plan			Qualitative	
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List any other relevant information not addressed.

## Finance Estimates

Estimated Project Revenues:

If there are other revenues besides Transit Tax Revenue to support this request, please enter the anticipated revenue amounts next to the appropriate funding source for each fiscal year shown below.

Revenue							
Tax Revenue	FY19 (Actuals)	FY20 (Budget)	FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue	-	-	31,250	-	-	-	31,250
Other Revenue							
Federal							-
State							-
Other:							-
<b>Subtotal Other</b>	-	-	-	-	-	-	-
<b>TOTAL REVENUE</b>	-	-	31,250	-	-	-	31,250

Transit Capital Development: Estimated appropriations to support contractual commitments and other expenses related to proposed capital projects.

Cost Break Down of Project Request							
CAPITAL COSTS	FY19 (Actuals)	FY20 (Budget)	FY21	FY22	FY23	FY24	Total
Feasibility or Other Studies			\$ 31,250				\$ 31,250
Land - Right of Way							\$ -
Design & Engineering							\$ -
Construction - Implementation							\$ -
Equipment							\$ -
Other (Describe)							\$ -
<b>TOTAL CAPITAL COSTS</b>	-	-	31,250	-	-	-	31,250

Assumptions for Costs and Revenues Above:

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

The GoTriangle Short Range Transit Plan is estimated to cost \$250,000. \$31,250 is 12.5% of the total cost, which is the same assumption being made for similar capital project studies that include all three counties, including the Regional Transit Center relocation study.

Unique Project ID#		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Capital</b>	FY START DATE	7/1/2020
21GOT_C03			FY 2021	
Unique Request ID: (FY Project Start year)	21			
[Three letter Agency]	GOT			
[Project Type]	CO			
[Unique Number]	003			

## Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Transit Facilities Study	GoTriangle	Jay Heikes	Current Year	\$ 37,500
Estimated Start Date	Estimated Completion	Notes		
July 1, 2020	June 30, 2021	(Add notes as appropriate)		
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<p>Included in this study would be an assessment of the existing facility space, capacity, and work-flow efficiency of the Nelson Road BOMF. It will also include elements of a larger GoTriangle fleet and facilities plan including possible relocation and/or expansion of the Nelson Road BOMF following on the recently completed facility assessment. The goal would be to conduct a coordinated regional maintenance, storage, and charging station facility study. The study will also include a regional electric bus charging infrastructure needs assessment. In FY18 cost share was split only between GoTriangle CIP and Wake Transit. The 37,500 would allow for 1) the (6.25%) Orange Share of the Nelson Road BOMF assessment and relocation / expansion feasibility study and 2) the Orange share (6.25%) for a regional electrical bus charging infrastructure needs assessment. This second study is made possible by re-directing \$50,000 of GoTriangle CIP and \$31,250 of Wake Transit Plan funds for the specific purpose of electrical vehicle charging infrastructure .</p>				

### Project Profile

**Where is this project located, who will this project serve and what are the key benefits?** (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
GoTriangle Nelson Road BOMF	Safe and Reliable buses for all transit riders	1. Improve Bus Operations Efficiency 2. Determine future capacity needs

## Project Monitoring Details

Quantitative and Qualitative Outcomes		**Please list up to 3 Quantitative metrics and 1 Qualitative		
Increased Capacity to store and maintain vehicles	Increased Customer Satisfaction scores in rider surveys		Qualitative	

List any other relevant information not addressed.

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## Finance Estimates

### Estimated Project Revenues:

If there are other revenues besides Transit Tax Revenue to support this request, please enter the anticipated revenue amounts next to the appropriate funding source for each fiscal year shown below.

Revenue							
Tax Revenue	FY 18 (Actuals)	FY20 (Budget)	FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue		-	37,500	-	-	-	37,500
Other Revenue							
Other: Durham			\$ 975,000				975,000
Other: FY18 GoTriangle CIP		\$ 300,000					300,000
Other: FY18 Wake		\$ 200,000					200,000
Subtotal Other	-	500,000	975,000	-	-	-	1,475,000
TOTAL REVENUE	-	500,000	1,012,500	-	-	-	1,512,500

Transit Capital Development: Estimated appropriations to support contractual commitments and other expenses related to proposed capital projects.

Cost Break Down of Project Request							
CAPITAL COSTS	FY19 (Actuals)	FY20 (Budget)	FY21	FY22	FY23	FY24	Total
Feasibility or Other Studies		\$ 500,000	\$ 1,012,500				\$ 1,512,500
Land - Right of Way							\$ -
Design & Engineering							\$ -
Construction - Implementation							\$ -
Equipment							\$ -
Other (Describe)							\$ -
TOTAL CAPITAL COSTS	-	500,000	1,012,500	-	-	-	1,512,500

Assumptions for Costs and Revenues Above:

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

1. GoTriangle / Nelson Road Regional BOMF -- 500K (50% GoTriangle, 6.25% Orange, 12.5% Durham, 31.25% Wake) (WAS: FY18: GoTriangle \$300,000; Wake 200,000) (Added Cost share to Durham and Orange - using same proportion as RTC Study - applied to the 50% not covered by GoTriangle CIP) 2. Regional Charging Infrastructure (NEW, funded primarily from left-overs from adding Durham and Orange Cost share to the Nelson Road BOMF) -- 112500 (62,500 GoTriangle, 31,250 Wake, 12,500 Durham, 6,250 Orange)
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**Orange County / OrangePublicTransit  
Summary of Project Requests**

**OPERATING**

<b>Summary of Project Requests (Administration and Operations)</b>		<b>Authorized Appropriation</b>		<b>Requested Appropriation</b>	
		<b>FY20</b>		<b>FY21</b>	
19OPT_TS1	Continuation of Transit Services	\$	275,061	\$	286,400
19OPT_TS2	Increased Cost of Existing Services	\$	93,364	\$	78,700
20OPT_TS2	Alamance (Health) Connector	\$	120,640	\$	-
20OPT_TS3	Cedar Grove - Durham Express	\$	60,320	\$	-
20OPT_TS4	Hillsborough Circulator Expansion	\$	30,160	\$	30,200
20OPT_TS5	Hillsborough Circulator II	\$	94,656	\$	221,600
20OPT_TS6	Mobility on Demand	\$	36,192	\$	126,900


<b>Total Operating Requests</b>		\$	<b>710,393</b>	\$	<b>743,800</b>

**CAPITAL**

<b>Summary of Project Requests (Capital)</b>		<b>Authorized Appropriation</b>		<b>Requested Appropriation</b>	
		<b>FY20</b>		<b>FY21</b>	
19OPT_CD1	Bus Stop Improvement (5 OPT Stops) Short Term	\$	137,864	\$	R€
20OPT_CD1	15 OPT Bus Stop Signs	\$	1,594	\$	R€
20OPT_CD2	Hillsborough Park-and-Ride - 3(Orange County -Construction)	\$	800,000	\$	R€
19OPT_VP1	OPT Vehicle Purchases	\$	35,731	\$	R€
20OPT_VP2	OPT Vehicle Purchases	\$	43,926	\$	R€
19OPT_AD1	AVL	\$	43,073	\$	R€
20OPT_AD2	Planning for new Transit Plan	\$	500,000	\$	R€
20OPT_VP3	OPT Vehicle Purchases	\$	229,500	\$	R€

<b>Total Capital Requests</b>		\$	<b>1,791,688</b>	\$	<b>-</b>

<b>Total Requested</b>	\$	<b>2,502,081</b>	\$	<b>743,800</b>
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 = New project request - (Highlight in Orange)

**Total Operating (Agency)**

Tax District Administration	\$0	\$0
Transit Plan Administration	\$0	\$0
Transit Operations	\$710,393	\$743,800

**FY2021 Transit Plan Allocation**

<b>LESS: Total Requested</b>	<b>\$0</b>	<b>\$0</b>
Transit Plan Allocation Remaining (shortfall)	-	-

**Total Capital (Agency)**

Transit Infrastructure	\$939,458	\$0
Vehicle Acquisition	\$309,157	\$0
BRT	\$0	\$0
LRT	\$0	\$0
CRT	\$0	\$0
Capital Planning	\$43,073	\$0
Transit Plan Development	\$500,000	\$0

**FY2021 Transit Plan Allocation**

<b>LESS: Total Requested</b>	<b>\$1,791,688</b>	<b>\$0</b>
Transit Plan Allocation Remaining (shortfall)	<b>1,791,688</b>	<b>-</b>

<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Transit Services</b>	<b>FY START DATE</b>	7/1/2020
19OPT_TS1			<b>FY 2021</b>	
Unique Request ID: (FY Project Start year)	19			
(Three letter Agency)	OPT			
(Project Type)	TS			
(Unique Number)	001			

Project Business Case

<b>Project Name</b>	<b>Requesting Agency</b>	<b>Project Contact</b>	<b>TTD Estimated Cost</b>	
Continuation of Transit Services	OrangePublicTransit\OC	Theo Letman	Current Year	\$ 286,400
<b>Estimated Start Date</b>	<b>Estimated Completion</b>	<b>Notes</b>		
July 1, 2020				
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
Continuation of the Hillsborough Circulator: to include 8 existing hours and 1 new planned expansion hour per day. Continuation of the Orange Chapel Hill Midday Connector: Nine (9) new expansion hour per day. Twelve (12) hours operated total- 3 existing hors not charged against the plan. The budgeted cost per revenue hour of service is \$58, compared with a cost of \$49.73 per revenue hour in FY2017. In FY2017, OCPT operated 4118 revenue hour of bus service. OCPT will use these funds to cover a portion of the increased cost of the pre-existing services in FY2018. US 70 Midday fixed route service will operate five (5) hours/day 10am-3pm Mon-Fri connecting Hillsborough and Mebane serving transit dependant populations with services to medical, shopping and employment destinations. 1,250 annual hours. Three new zonal routes will operate 5 hours per day of deviated fixed route service two-days per week in each of three zones. Zonal routes will provide new flexible general public route options serving rural areas in Northeast, Northwest and Southern Orange County. 1,560 annual hours (520 hours per zone)				

Project Profile

Where is this project located, who will this project serve and what are the key benefits? (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Orange County	Orange County residents	Continuation of existing transit services and expansion of routes

Project Monitoring Details

Operating Projects

For bus operating projects, please provide:

a) Target Start Date	7/1/2018
b) Span	annually
c) Frequency	
d) Assets Used	LTV
e) Geographic Termini	Orange County
f) Major Market Destinations Served	
g) Revenue Hours	7310

List any other relevant information not addressed.

Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Durham County Tax Revenue		286,400	301,000	315,700	330,300	1,233,400
Other Revenue						
Federal						-
State						-
Other:		\$ 159,500.00	\$ 159,500.00	\$ 159,500.00	\$ 159,500.00	638,000
Subtotal Other		159,500	159,500	159,500	159,500	638,000
TOTAL REVENUE		445,900	460,500	475,200	489,800	1,871,400

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request						
OPERATING COSTS		FY21	FY22	FY23	FY24	Total
Growth Factors		2.50%	2.50%	2.50%	2.50%	
Salary & Fringes		\$ -	\$ -	\$ -	\$ -	\$ -
Contracts		\$ -	\$ -	\$ -	\$ -	\$ -
Bus Operations:						
Estimated Hours		\$ 7,310.00	\$ 7,310.00	\$ 7,310.00	\$ 7,310.00	
Cost per Hour		\$ 61.00	\$ 63.00	\$ 65.00	\$ 67.00	
Estimated Operating Cost		\$ 445,900.00	\$ 460,500.00	\$ 475,200.00	\$ 489,800.00	\$ 1,871,400.00
Bus Leases		\$ -	\$ -	\$ -	\$ -	
Park & Ride Lease		\$ -	\$ -	\$ -	\$ -	
Other -Bus (Describe)		\$ -	\$ -	\$ -	\$ -	
Other -Bus (Describe)		\$ -	\$ -	\$ -	\$ -	
Subtotal: Bus Operations		\$ 445,900.00	\$ 460,500.00	\$ 475,200.00	\$ 489,800.00	\$ 1,871,400.00
Other Purchase of a Service		\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)		\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)		\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL OPERATING COSTS		\$ 445,900.00	\$ 460,500.00	\$ 475,200.00	\$ 489,800.00	\$ 1,871,400.00

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

NOTE: Other sources of revenue includes urbanized area funds that are subject to change. Current forecasts are estimates and are liable to federal fund allocation changes in future years. OCPT will update Other revenue sources each workplan year based on known allocation at the time.



Unique Project ID#		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Transit Services</b>	FY START DATE	7/1/2020
19OPT_TS2			FY 2021	
Unique Request ID: (FY Project Start year)	19			
(Three letter Agency)	OPT			
(Project Type)	TS			
(Unique Number)	002			

## Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Increased Cost of Existing Services	OrangePublicTransit\OC	Theo Letman	Current Year	\$ 78,700
Estimated Start Date	Estimated Completion	Notes		
July 1, 2020				
Project Description	Enter below a summary of the project that may later be used for the Transit Work Plan.			
<p>The original Orange County Bus and Rail Investment Plan based operating cost on \$49 per hour. Since then operating costs have risen to \$59. In order to continue to fund these services, Orange County Public Transportation utilizes funds from the Orange County Transit Plan to offset some of these cost.</p>				

## Project Profile

Where is this project located, who will this project serve and what are the key benefits? (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Orange County	Orange County residents	Continuation of existing transit services and expansion of routes

## Project Monitoring Details

### Operating Projects

For bus operating projects, please provide:

a) Target Start Date	7/1/2019
b) Span	
c) Frequency	
d) Assets Used	
e) Geographic Termini	
f) Major Market Destinations Served	
g) Revenue Hours	

List any other relevant information not addressed.

## Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Durham County Tax Revenue		78,700	80,700	82,700	84,800	326,900
Other Revenue						
Federal						-
State						-
Other:						-
Subtotal Other		-	-	-	-	-
TOTAL REVENUE		78,700	80,700	82,700	84,800	326,900

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request						
OPERATING COSTS		FY21	FY22	FY23	FY24	Total
Growth Factors		2.50%	2.50%	2.50%	2.50%	
Salary & Fringes		\$	-	\$	-	\$ -
Contracts		\$	-	\$	-	\$ -
Bus Operations:						
Estimated Hours		\$	-	\$	-	
Cost per Hour		\$	-	\$	-	
Estimated Operating Cost		\$ -	\$ -	\$ -	\$ -	\$ -
Bus Leases		\$	-	\$	-	
Park & Ride Lease		\$	-	\$	-	
Other -Bus (Describe)		\$	-	\$	-	
Other -Bus (Describe)		\$	-	\$	-	
Subtotal: Bus Operations		\$ -	\$ -	\$ -	\$ -	\$ -
Other Purchase of a Service		\$	-	\$	-	\$ -
Other (Describe)		\$ 78,744.00	\$ 80,712.60	\$ 82,730.42	\$ 84,798.68	\$ 326,985.69
Other (Describe)		\$	-	\$	-	\$ -
TOTAL OPERATING COSTS		\$ 78,700.00	\$ 80,700.00	\$ 82,700.00	\$ 84,800.00	\$ 326,985.69

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

FY21 estimed based on GoTriangle ICES memo dated January 13, 2020

Unique Project ID#		Triangle Tax District Orange Transit Work Plan Project Request Form Transit Services	FY START DATE	7/1/2020
20OPT_TS2			FY 2021	
Unique Request ID: (FY Project Start year)	20			
(Three letter Agency)	OPT			
(Project Type)	TS			
(Unique Number)	002			

Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Alamance (Health) Connector	OrangePublicTransit\OC	Theo Letman	Current Year	\$ -
Estimated Start Date	Estimated Completion	Notes		
July 1, 2020				
Project Description	Enter below a summary of the project that may later be used for the Transit Work Plan.			
Expansion Project to provide transportation service from the Alamance corridor to UNC Hillsborough, Durham Tech, Weaver St Market, and the Health Department and servicing Hwy 70 in the mid-day.				

Project Profile

Where is this project located, who will this project serve and what are the key benefits? (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Orange County, Hillsborough	Orange County residents	Better bus services and expanded service area

Project Monitoring Details

Operating Projects

For bus operating projects, please provide:

a) Target Start Date	
b) Span	
c) Frequency	
d) Assets Used	
e) Geographic Termini	
f) Major Market Destinations Served	
g) Revenue Hours	

List any other relevant information not addressed.

1. Provide connecting service to an underserved area via service to the Health Dept

Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Durham County Tax Revenue		-	-	-	-	-
Other Revenue						
Federal						-
State						-
Other:						-
Subtotal Other		-	-	-	-	-
TOTAL REVENUE		-	-	-	-	-

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request						
OPERATING COSTS						
		FY21	FY22	FY23	FY24	Total
Growth Factors		2.50%	2.50%	2.50%	2.50%	
Salary & Fringes		\$	-	\$	-	\$ -
Contracts		\$	-	\$	-	\$ -
Bus Operations:						
Estimated Hours		\$	-	\$	-	
Cost per Hour		\$ 61.00	\$ 63.00	\$ 65.00	\$ 67.00	
Estimated Operating Cost		\$ -	\$ -	\$ -	\$ -	\$ -
Bus Leases		\$	-	\$	-	
Park & Ride Lease		\$	-	\$	-	
Other -Bus (Describe)		\$	-	\$	-	
Other -Bus (Describe)		\$	-	\$	-	
Subtotal: Bus Operations		\$ -	\$ -	\$ -	\$ -	\$ -
Other Purchase of a Service		\$	-	\$	-	\$ -
Other (Describe)		\$	-	\$	-	\$ -
Other (Describe)		\$	-	\$	-	\$ -
TOTAL OPERATING COSTS		\$ -	\$ -	\$ -	\$ -	\$ -

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

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Unique Project ID#		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Transit Services</b>	FY START DATE	7/1/2020
20OPT_TS3			FY 2021	
Unique Request ID: (FY Project Start year)	20			
(Three letter Agency)	OPT			
(Project Type)	TS			
(Unique Number)	003			

Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Cedar Grove - Durham Express	OrangePublicTransit\OC	Theo Letman	Current Year	\$ -
Estimated Start Date	Estimated Completion	Notes		
July 1, 2020				
Project Description	Enter below a summary of the project that may later be used for the Transit Work Plan.			
Expansion Project to provide transportation service from the rural Cedar Grove corridor to Duke VA & Hospital, for ultimate connections to GoDurham & GoTriangle service.				

Project Profile

Where is this project located, who will this project serve and what are the key benefits? (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Orange & Durham Counties, Cedar Grove	Orange County residents	Better bus services and expanded service area

Project Monitoring Details

Operating Projects

For bus operating projects, please provide:

a) Target Start Date	
b) Span	
c) Frequency	
d) Assets Used	
e) Geographic Termini	
f) Major Market Destinations Served	Increased service connections to our regional partners
g) Revenue Hours	

List any other relevant information not addressed.

1. Provide a connecting express service, to an underserved rural area
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Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Durham County Tax Revenue		-	-	-	-	-
Other Revenue						
Federal						-
State						-
Other:						-
Subtotal Other		-	-	-	-	-
TOTAL REVENUE		-	-	-	-	-

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request						
OPERATING COSTS		FY21	FY22	FY23	FY24	Total
Growth Factors		2.50%	2.50%	2.50%	2.50%	
Salary & Fringes		\$	-	\$	-	\$
Contracts		\$	-	\$	-	\$
Bus Operations:						
Estimated Hours		\$	-	\$	-	
Cost per Hour		\$ 61.00	\$ 63.00	\$ 65.00	\$ 67.00	
Estimated Operating Cost		\$ -	\$ -	\$ -	\$ -	\$ -
Bus Leases		\$	-	\$	-	
Park & Ride Lease		\$	-	\$	-	
Other -Bus (Describe)		\$	-	\$	-	
Other -Bus (Describe)		\$	-	\$	-	
Subtotal: Bus Operations		\$ -	\$ -	\$ -	\$ -	\$ -
Other Purchase of a Service		\$	-	\$	-	\$
Other (Describe)		\$	-	\$	-	\$
Other (Describe)		\$	-	\$	-	\$
TOTAL OPERATING COSTS		\$ -	\$ -	\$ -	\$ -	\$ -

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

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Unique Project ID#		Triangle Tax District Orange Transit Work Plan Project Request Form Transit Services	FY START DATE	7/1/2020
20OPT_TS4			FY 2021	
Unique Request ID: (FY Project Start year)	20			
(Three letter Agency)	OPT			
(Project Type)	TS			
(Unique Number)	004			

Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Hillsborough Circulator Expansion	OrangePublicTransit\OC	Theo Letman	Current Year	\$ 30,200
Estimated Start Date	Estimated Completion	Notes		
July 1, 2020				
Project Description	Enter below a summary of the project that may later be used for the Transit Work Plan.			
Expansion Project to provide extended transportation service in Hillsborough Mon - Fri.				

Project Profile

Where is this project located, who will this project serve and what are the key benefits? (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Orange County, Hillsborough	Orange County residents	Peak service expansion

Project Monitoring Details

Operating Projects

For bus operating projects, please provide:

a) Target Start Date	
b) Span	
c) Frequency	
d) Assets Used	
e) Geographic Termini	
f) Major Market Destinations Served	
g) Revenue Hours	

List any other relevant information not addressed.

1. Providing extended service on Mon -Fri as requested by the public

Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Durham County Tax Revenue		30,200	30,900	31,700	32,500	125,300
Other Revenue						
Federal						-
State						-
Other:						-
Subtotal Other		-	-	-	-	-
TOTAL REVENUE		30,200	30,900	31,700	32,500	125,300

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request						
OPERATING COSTS						
Growth Factors		FY21	FY22	FY23	FY24	Total
		2.50%	2.50%	2.50%	2.50%	
Salary & Fringes		\$	-	\$	-	\$ -
Contracts		\$	-	\$	-	\$ -
Bus Operations:						
Estimated Hours		\$	-	\$	-	
Cost per Hour		\$ 61.00	\$ 63.00	\$ 65.00	\$ 67.00	
Estimated Operating Cost		\$ -	\$ -	\$ -	\$ -	\$ -
Bus Leases		\$	-	\$	-	
Park & Ride Lease		\$	-	\$	-	
Other -Bus (Describe)		\$	-	\$	-	
Other -Bus (Describe)		\$	-	\$	-	
Subtotal: Bus Operations		\$ -	\$ -	\$ -	\$ -	\$ -
Other Purchase of a Service		\$	-	\$	-	\$ -
Other (Describe)		\$ 30,160.00	\$ 30,914.00	\$ 31,686.85	\$ 32,479.02	\$ 125,239.87
Other (Describe)		\$	-	\$	-	\$ -
TOTAL OPERATING COSTS		\$ 30,200.00	\$ 30,900.00	\$ 31,700.00	\$ 32,500.00	\$ 125,239.87

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

--

Unique Project ID#		Triangle Tax District Orange Transit Work Plan Project Request Form Transit Services	FY START DATE	7/1/2020
20OPT_TSS			FY 2021	
Unique Request ID: (FY Project Start year)	20			
(Three letter Agency)	OPT			
(Project Type)	TS			
(Unique Number)	005			

Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Hillsborough Circulator II	OrangePublicTransit\OC	Theo Letman	Current Year	\$ 221,600
Estimated Start Date	Estimated Completion	Notes		
July 1, 2020				
Project Description	Enter below a summary of the project that may later be used for the Transit Work Plan.			
Expansion Project to increase frequency of transportation in Hillsborough.				

Project Profile

Where is this project located, who will this project serve and what are the key benefits? (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Orange County, Hillsborough	Orange County residents	Service expansion to increase bus frequency and shorten length of travel time

Project Monitoring Details

Operating Projects

For bus operating projects, please provide:

a) Target Start Date	
b) Span	
c) Frequency	
d) Assets Used	
e) Geographic Termini	
f) Major Market Destinations Served	
g) Revenue Hours	

List any other relevant information not addressed.

1. Providing additional service to Hillsborough residents
---

Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Durham County Tax Revenue		221,600	228,000	234,600	241,300	925,500
Other Revenue						
Federal						-
State						-
Other:						-
Subtotal Other		-	-	-	-	-
TOTAL REVENUE		221,600	228,000	234,600	241,300	925,500

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request						
OPERATING COSTS						
Growth Factors		FY21	FY22	FY23	FY24	Total
		2.50%	2.50%	2.50%	2.50%	
Salary & Fringes		\$	-	\$	-	\$ -
Contracts		\$	-	\$	-	\$ -
Bus Operations:						
Estimated Hours		\$ 2,080.00	\$ 2,080.00	\$ 2,080.00	\$ 2,080.00	
Cost per Hour		\$ 61.00	\$ 63.00	\$ 65.00	\$ 67.00	
Estimated Operating Cost		\$ 126,900.00	\$ 131,000.00	\$ 135,200.00	\$ 139,400.00	\$ 532,500.00
Bus Leases		\$	-	\$	-	
Park & Ride Lease		\$	-	\$	-	
Other -Bus (Describe)		\$	-	\$	-	
Other -Bus (Describe)		\$	-	\$	-	
Subtotal: Bus Operations		\$ 126,900.00	\$ 131,000.00	\$ 135,200.00	\$ 139,400.00	\$ 532,500.00
Other Purchase of a Service		\$	-	\$	-	\$ -
Other (Describe)		\$ 94,656.00	\$ 97,022.40	\$ 99,447.96	\$ 101,934.16	\$ 393,060.52
Other (Describe)		\$	-	\$	-	\$ -
TOTAL OPERATING COSTS		\$ 221,600.00	\$ 228,000.00	\$ 234,600.00	\$ 241,300.00	\$ 925,560.52

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

--

Unique Project ID#		Triangle Tax District Orange Transit Work Plan Project Request Form Transit Services	FY START DATE	7/1/2020
20OPT_TS6			FY 2021	
Unique Request ID: (FY Project Start year)	20			
(Three letter Agency)	OPT			
(Project Type)	TS			
(Unique Number)	006			

Project Business Case

Project Name	Requesting Agency	Project Contact	TTD Estimated Cost	
Mobility on Demand	OrangePublicTransit\OC	Theo Letman	Current Year	\$ 126,900
Estimated Start Date	Estimated Completion	Notes		
July 1, 2020				
Project Description	Enter below a summary of the project that may later be used for the Transit Work Plan.			
Mobility on Demand would be a micro-transit project that would allow for wheelchair accessible vehicles to service rural, underserved areas for access to urban areas on Friday & Saturday from 9am - 5pm.				

Project Profile

Where is this project located, who will this project serve and what are the key benefits? (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Orange County, Hillsborough & Chapel Hill & Durham	Orange County residents	Service to transport

Project Monitoring Details

Operating Projects

For bus operating projects, please provide:

a) Target Start Date	
b) Span	
c) Frequency	
d) Assets Used	
e) Geographic Termini	
f) Major Market Destinations Served	
g) Revenue Hours	7280

List any other relevant information not addressed.

1. Provide convenient service to an underserved rural area, connecting residents to urban areas

Finance Estimates

Revenue						
Tax Revenue		FY21	FY22	FY23	FY24	Total
Durham County Tax Revenue		126,900	131,000	135,200	139,400	532,500
Other Revenue						
Federal						-
State						-
Other:						-
Subtotal Other		-	-	-	-	-
TOTAL REVENUE		126,900	131,000	135,200	139,400	532,500

Transit Operations: Estimated appropriations to support expenses.

Cost Break Down of Project Request						
OPERATING COSTS		FY21	FY22	FY23	FY24	Total
Growth Factors		2.50%	2.50%	2.50%	2.50%	
Salary & Fringes		\$ -	\$ -	\$ -	\$ -	\$ -
Contracts		\$ -	\$ -	\$ -	\$ -	\$ -
Bus Operations:						
Estimated Hours		\$ 2,080.00	\$ 2,080.00	\$ 2,080.00	\$ 2,080.00	
Cost per Hour		\$ 61.00	\$ 63.00	\$ 65.00	\$ 67.00	
Estimated Operating Cost		\$ 126,900.00	\$ 131,000.00	\$ 135,200.00	\$ 139,400.00	\$ 532,500.00
Bus Leases		\$ -	\$ -	\$ -	\$ -	
Park & Ride Lease		\$ -	\$ -	\$ -	\$ -	
Other -Bus (Describe)		\$ -	\$ -	\$ -	\$ -	
Other -Bus (Describe)		\$ -	\$ -	\$ -	\$ -	
Subtotal: Bus Operations		\$ 126,900.00	\$ 131,000.00	\$ 135,200.00	\$ 139,400.00	\$ 532,500.00
Other Purchase of a Service		\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)		\$ -	\$ -	\$ -	\$ -	\$ -
Other (Describe)		\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL OPERATING COSTS		\$ 126,900.00	\$ 131,000.00	\$ 135,200.00	\$ 139,400.00	\$ 532,500.00

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

--

**Town of Carrboro  
Summary of Project Requests**

**OPERATING**

Summary of Project Requests (Administration and Operations)	Authorized Appropriation	Requested Appropriation
	FY20	FY21


<b>Total Operating Requests</b>	\$ -	\$ -

**CAPITAL**

Summary of Project Requests (Capital)		Authorized Appropriation	Requested Appropriation
		FY20	FY21
18TOC_CD1	Estes Drive Bike-Ped Improvements	\$ <del>47,373</del>	\$ 47,400
18TOC_CD2	Estes Drive Transit Access/Corridor Study	\$ <del>106,296</del>	\$ 106,300
18TOC_CD3	Bus Stop Improvements	\$ 120,889	
18TOC_CD4	Morgan Creek Greenway	\$ <del>199,837</del>	\$ 199,800
18TOC_CD5	South Greensboro St. Sidewalk	\$ 552,340	

<b>Total Capital Requests</b>	\$ 1,026,735	\$ 353,500

<b>Total Requested</b>	\$ 1,026,735	\$ 353,500
------------------------	--------------	------------

 = New project request - (Highlight in Orange)

**Total Operating (Agency)**

Tax District Administration	\$0	\$0
Transit Plan Administration	\$0	\$0
Transit Operations	\$0	\$0

**FY2021 Transit Plan Allocation**

<b>LESS: Total Requested</b>	<b>\$0</b>	<b>\$0</b>
Transit Plan Allocation Remaining (shortfall)	-	-

**Total Capital (Agency)**

Transit Infrastructure	\$1,026,735	\$353,500
Vehicle Acquisition	\$0	\$0
BRT	\$0	\$0
LRT	\$0	\$0
CRT	\$0	\$0
Capital Planning	\$0	\$0
Transit Plan Development	\$0	\$0

**FY2021 Transit Plan Allocation**

<b>LESS: Total Requested</b>	<b>\$1,026,735</b>	<b>\$353,500</b>
Transit Plan Allocation Remaining (shortfall)	<b>1,026,735.00</b>	<b>353,500.00</b>

<b>Unique Project ID#</b>		<b>Triangle Tax District</b> <b>Orange Transit Work Plan</b> <b>Project Request Form</b> <b>Capital</b>	<b>FY START DATE</b>	7/1/2020
18TOC_CD1			<b>FY 2021</b>	
Unique Request ID: (FY Project Start year)	18			
(Three letter Agency)	TOC			
(Project Type)	CD			
(Unique Number)	001			

Project Business Case

<b>Project Name</b>	<b>Requesting Agency</b>	<b>Project Contact</b>	<b>TTD Estimated Cost</b>	
Estes Drive Bike-Ped Improvements	Town of Carrboro	Tina Moon	Current Year	\$ 205,025
<b>Estimated Start Date</b>	<b>Estimated Completion</b>	<b>Notes</b>		
In Progress	FY21			
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
Construct a multi-use path, sidewalks, and bicycle lanes on Estes Drive from North Greensboro Street to the Town of Carrboro town limits. Ties in to sibling project in Chapel Hill that extends to NC 86. Funds provide the local match for a federally funded bike-ped project (EB-5886A).				

Project Profile

**Where is this project located, who will this project serve and what are the key benefits?** (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Town of Carrboro	Carrboro residents and employees	Improved access to transit

Project Monitoring Details

<b>Quantitative and Qualitative Outcomes</b>		<b>**Please list up to 3 Quantitative metrics and 1 Qualitative</b>		
Number of linear feet of sidewalk constructed	Number of linear feet of bicycle lanes constructed		<b>Qualitative</b>	Greater satisfaction of Chapel Hill Transit riders

List any other relevant information not addressed.

Finance Estimates

**Estimated Project Revenues:**

If there are other revenues besides Transit Tax Revenue to support this request, please enter the anticipated revenue amounts next to the appropriate funding source for each fiscal year shown below.

Revenue							
Tax Revenue	FY19 (Actuals)	FY20 (Budget)	FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue	-	47,373		205,025	-	-	252,398
Other Revenue							
Federal							-
State							-
Other:							-
Subtotal Other	-	-	-	-	-	-	-
<b>TOTAL REVENUE</b>	-	47,373	-	205,025	-	-	252,398

Transit Capital Development: Estimated appropriations to support contractual commitments and other expenses related to proposed capital projects.

Cost Break Down of Project Request							
CAPITAL COSTS	FY19 (Actuals)	FY20 (Budget)	FY21	FY22	FY23	FY24	Total
Feasibility or Other Studies							\$ -
Land - Right of Way			\$ 9,279				\$ 9,279
Design & Engineering		\$ 47,373					\$ 47,373
Construction - Implementation				\$ 195,746			\$ 195,746
Equipment							\$ -
Other (Describe)							\$ -
<b>TOTAL CAPITAL COSTS</b>	-	47,373	9,279	195,746	-	-	252,398

Assumptions for Costs and Revenues Above:

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.



Town of Hillsborough  
Summary of Project Requests

OPERATING

Summary of Project Requests (Administration and Operations)		Authorized Appropriation FY20	Requested Appropriation FY21
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<b>Total Operating Requests</b>		\$ -	\$ -

CAPITAL

Summary of Project Requests (Capital)		Authorized Appropriation FY20	Requested Appropriation FY21
18TOH_CD1	Hillsborough Train Station	\$ 401,000	\$ 401,000
20TOH_CD2	Hillsborough Train Station Bus Stop Improvements	\$ 33,897	\$ 33,900

<b>Total Capital Requests</b>		\$ 434,897	\$ 434,900
<b>Total Requested</b>		\$ 434,897	\$ 434,900

= New project request - (Highlight in Orange)

**Total Operating (Agency)**

Tax District Administration	\$0	\$0
Transit Plan Administration	\$0	\$0
Transit Operations	\$0	\$0

**FY2021 Transit Plan Allocation**

<b>LESS: Total Requested</b>	<b>\$0</b>	<b>\$0</b>
Transit Plan Allocation Remaining (shortfall)	-	-

**Total Capital (Agency)**

Transit Infrastructure	\$434,897	\$434,900
Vehicle Acquisition	\$0	\$0
BRT	\$0	\$0
LRT	\$0	\$0
CRT	\$0	\$0
Capital Planning	\$0	\$0
Transit Plan Development	\$0	\$0

**FY2021 Transit Plan Allocation**

<b>LESS: Total Requested</b>	<b>\$434,897</b>	<b>\$434,900</b>
Transit Plan Allocation Remaining (shortfall)	<b>434,897.00</b>	<b>434,900.00</b>

<b>Unique Project ID#</b>		<b>Triangle Tax District Orange Transit Work Plan Project Request Form Capital</b>	<b>FY START DATE</b>	7/1/2020
18OTH_CD1			<b>FY 2021</b>	
Unique Request ID: (FY Project Start year)	18			
(Three letter Agency)	OTH			
(Project Type)	CD			
(Unique Number)	001			

## Project Business Case

<b>Project Name</b>	<b>Requesting Agency</b>	<b>Project Contact</b>	<b>TTD Estimated Cost</b>	
Hillsborough Train Station	Town of Hillsborough	Margaret Hauth	Current Year	\$ -
<b>Estimated Start Date</b>	<b>Estimated Completion</b>	<b>Notes</b>		
In Progress	FY22	Awaiting agreements with NCRR and NS		
<b>Project Description</b>	Enter below a summary of the project that may later be used for the Transit Work Plan.			
Construct a station along the NCRR corridor in Hillsborough to serve Amtrak and potentially commuter rail service. Provides the local funding for TIP project P-5701.				

## Project Profile

Where is this project located, who will this project serve and what are the key benefits? (Ex. Improve Transit efficiency, levels of service, etc.)

Project Location?	Who will this Project serve?	What are the key benefits?
Town of Hillsborough	Hillsborough residents, employees, and visitors	Provide access to intercity rail service through North Carolina and the Northeast Corridor

## Project Monitoring Details

Quantitative and Qualitative Outcomes \*\*Please list up to 3 Quantitative metrics and 1 Qualitative

Number of Orange County residents that can access passenger rail service			Qualitative	
--	--	--	-------------	--

List any other relevant information not addressed.

## Finance Estimates

### Estimated Project Revenues:

If there are other revenues besides Transit Tax Revenue to support this request, please enter the anticipated revenue amounts next to the appropriate funding source for each fiscal year shown below.

Revenue							
Tax Revenue	FY19 (Actuals)	FY20 (Budget)	FY21	FY22	FY23	FY24	Total
Orange County Tax Revenue	-	401,000	-	285,000		-	686,000
Other Revenue							
Federal							-
State							-
Other:							-
Subtotal Other	-	-	-	-	-	-	-
<b>TOTAL REVENUE</b>	-	401,000	-	285,000	-	-	686,000

Transit Capital Development: Estimated appropriations to support contractual commitments and other expenses related to proposed capital projects.

### Cost Break Down of Project Request

CAPITAL COSTS	FY19 (Actuals)	FY20 (Budget)	FY21	FY22	FY23	FY24	Total
Feasibility or Other Studies							\$ -
Land - Right of Way							\$ -
Design & Engineering			\$ 316,000	\$ 350,000			\$ 666,000
Construction - Implementation					\$ 20,000		\$ 20,000
Equipment							\$ -
Other (Describe)							\$ -
<b>TOTAL CAPITAL COSTS</b>	-	-	316,000	350,000	20,000	-	686,000

### Assumptions for Costs and Revenues Above:

Please state any assumption(s) used to calculate the capital and operating dollars and revenues shown above.

All funding has been carried over from FY20. The draft funding agreement calls for Hillsborough's funds to be used first, followed by the transit tax, with state funding to be used last. This arrangement causes the transit tax to primarily be used for design and engineering. The funding agreement establishes a \$7M budget, so design will be in the \$700,000 range. The town is asking for a seven-year delivery horizon, from the signing of the funding agreement.

# FY21 Orange Transit Work Plan

## Public Engagement Summary

### Outreach Goals

The goals of the public comment period:

- To promote awareness of the upcoming investments: the N-S Bus Rapid Transit project, the continued implementation of the Chapel Hill Transit Short Range Transit Plan, vehicle purchases, the expansion of the Hillsborough Circulator, etc.
- To provide an update on the status of the Orange County Transit Plan
- To engage a diverse audience using culturally competent materials
- To actively engage the community in the public input process virtually

### Outreach Approach

With in-person interactions being limited because of the COVID-19 pandemic, engagement for the FY21 Orange Transit Work Plan was limited to online interactions and collaborative efforts with community partners to push the information out to relevant stakeholders. To accomplish the outreach goals, the following materials and content were created:

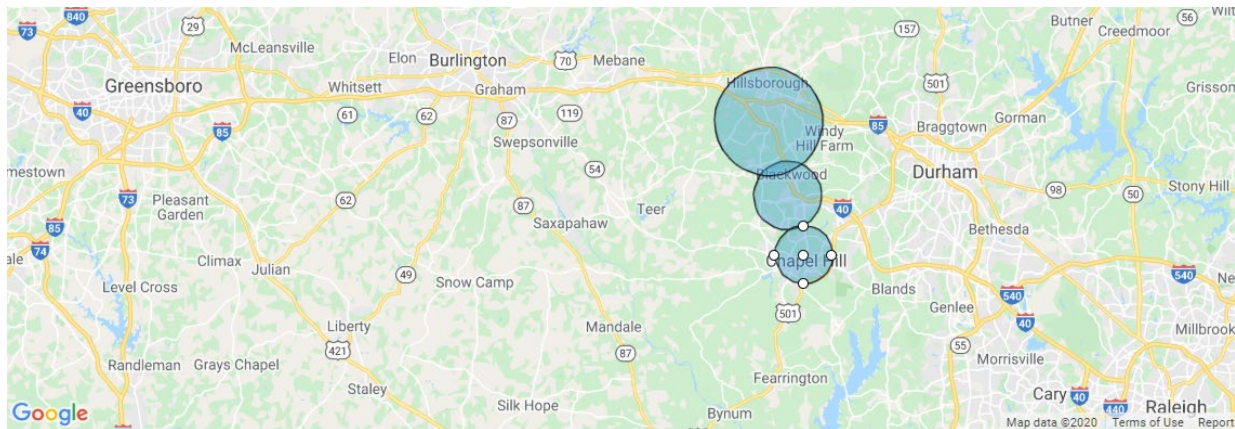
1. **Informational PowerPoints:** Information from the FY21 Work Plan was synthesized and presented in six succinct slides that were posted on the GoForward website.
2. **Video Presentations:** In lieu of in-person presentations to community groups, the GoTriangle Public Engagement team worked with Aaron Cain to develop an explanatory video (as part of a Zooming into Transit series on all the opportunities for providing input on transit projects in the Triangle) to provide an additional level of detail for stakeholders that are engaging with the FY21 Work Plan.
3. **Social Media Posts:** Tailored messaging and video content was developed for Facebook, Twitter, and Instagram posts in an effort to share information to a wider audience.
4. **Website Updates:** The Orange County Get Involved page on the GoForward website was updated to include the PowerPoint, video presentation, and a comment box for stakeholders to provide feedback.
5. **Translated Materials:** Both the PowerPoint and video presentations were translated into Spanish and shared with Spanish-speaking media outlets and community groups to ensure that the information shared reaches a diverse audience.

In a coordinated effort with partner transit agencies, county staff and community organizations, the information was shared out in the following ways:

Description	Type	Date
Press Release	Press Release	4/24/20
Materials Added to GoForward Website	Website Update	4/24/20
Email Blast: Orange Community Contacts (~200 contacts)	Mailchimp Email Blast	4/24/20
Email Blast: GoForward List (3,028 Contacts)	Mailchimp Email Blast	4/24/20
Email Blast GoTriangle Transit Advisory Committee Meeting (35 Contacts)	Mailchimp Email Blast	4/24/20
Email Blast: Orange County Elected Officials ~40)	Mailchimp Email Blast	4/24/20

<b>Social Media Posts: Facebook, Instagram, Twitter</b>	Video Teasers	
<b>Direct Email Outreach – Local Community Groups:</b> <ul style="list-style-type: none"> <li>• <b>GoTriangle Route 420 Group</b></li> <li>• <b>UNC Planning Department</b></li> </ul>	Individual Emails with Links to Share Externally	5/4/20
<b>GoCrew Virtual Meeting (Virtual)</b>	Virtual Presentation	5/16/20

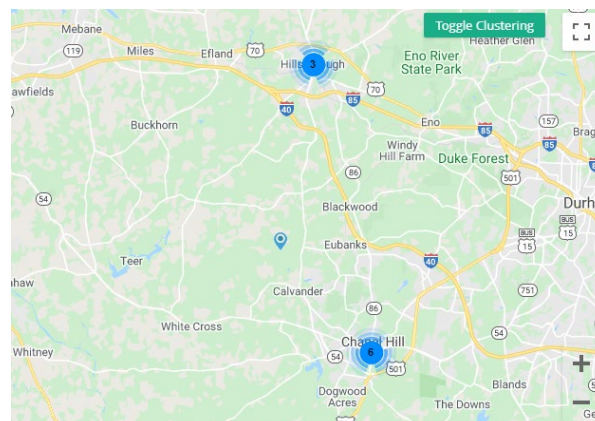
In addition to advertisement of the work plan through organic social media, it was also promoted via paid promotion and geo-targeting efforts to the communities affected by the changes, see below:



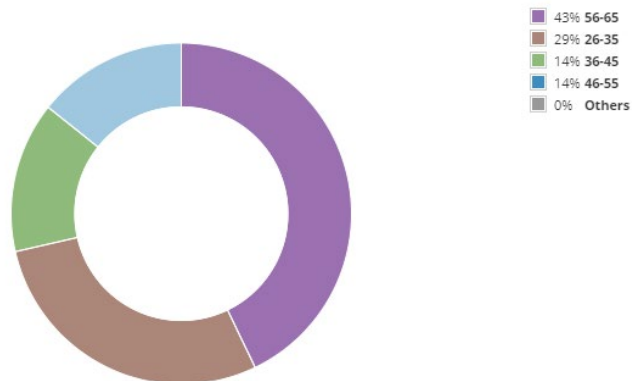
## Who We Heard From

The public comment period was open until May 22<sup>nd</sup>, and during that time **six community stakeholders** submitted comments related to the work plan. In addition, the GoForward page that hosted the information and comment form received **707 views**. The number of views indicates that the information has reached a wider audience beyond stakeholders who engaged with the work plan by providing comments. Given the unprecedented nature of the COVID-19 pandemic, this outreach provides a benchmark for virtual efforts that can be measured against future efforts.

The comment box for the work plan also collected voluntary demographic information. After submitting comments online, members of the public had the option to indicate where they lived on a map. They were also asked to identify self-identify age, gender, race/ethnicity, household income, number of cars in the household, and number of licensed drivers in the household. These questions were optional, but everyone that submitted comments also provided their demographic indicators:

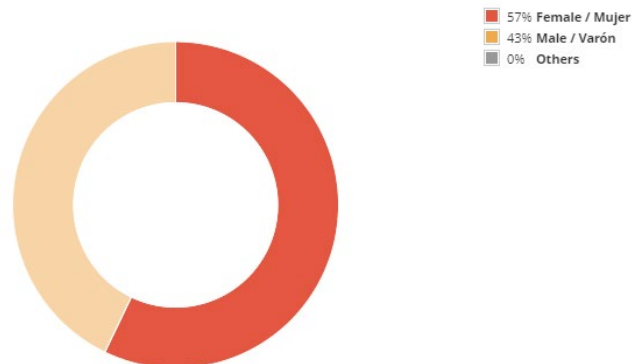


What is your age?  
¿Cuántos años tiene?



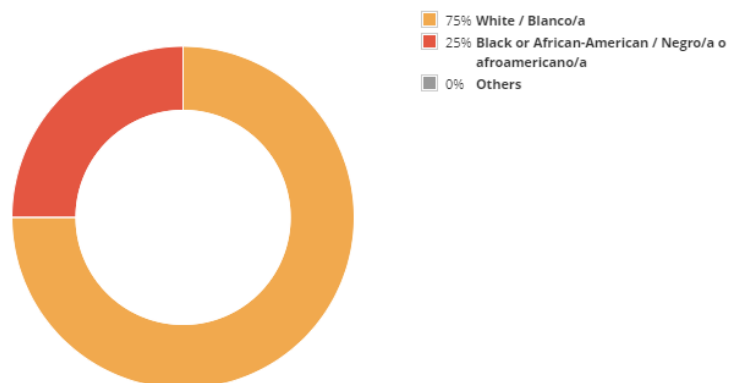
7 respondents

What is your gender?  
¿Cuál es su género?



7 respondents

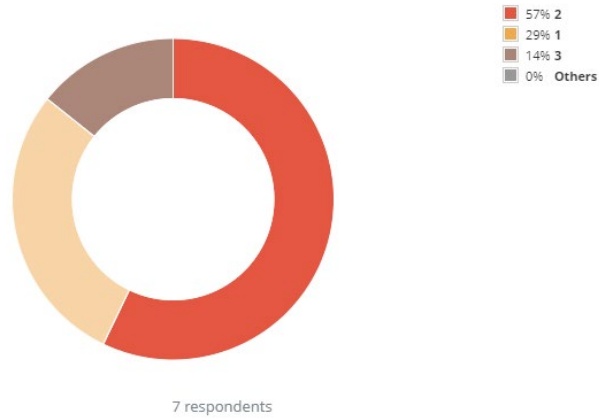
What is your race/ethnicity? ¿Cuál es su raza/etnia?



4 respondents

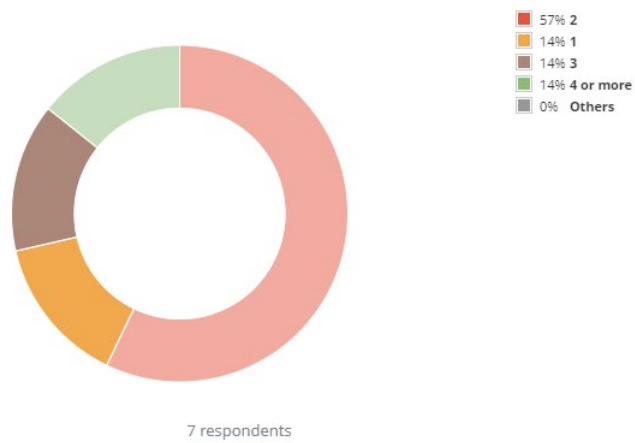
How many cars are available for drivers in your household to use?

¿Cuántos automóviles hay disponibles para que usen los conductores de su hogar?



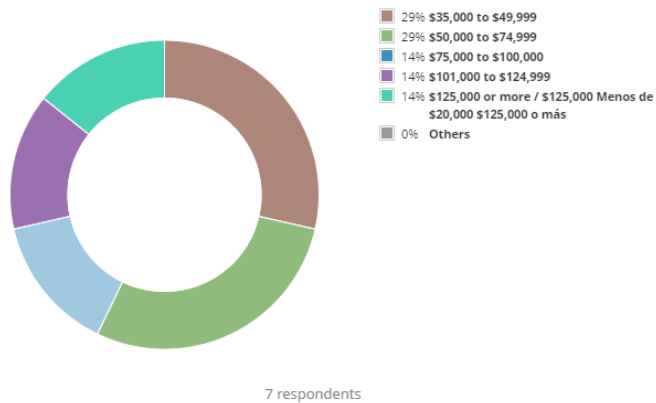
How many licensed drivers are there in your household?

¿Cuántos conductores con licencia hay en su hogar?



Which of the following groups does your total annual household income fall into?

¿Cuál de los siguientes grupos representa el ingreso total anual de su hogar?



## FY21 ORANGE TRANSIT WORK PLAN PUBLIC COMMENTS

Good to see increased frequencies on so many routes. This will help make transit a more predictable and reliable alternative to the car.

---

I would like to have better connections from my neighborhood and grocery stores and to the GoTriangle express bus schedule to Raleigh or Durham or the RTP area.

---

It would be so nice if a bus could run all the way up Milk House Road. That would keep many of us older folks who live in that area from having to have a car. It's a long walk to the Eubanks park & ride.

---

the orange county transit programs have been exorbitantly costly with very little benefit for the general population. as orange county has the highest property and sales taxes in the state the burden on taxpayers of these wasteful programs has been unacceptable. orange county needs to get out of these regional sink holes and reduce its spending and taxing so everyday citizens can spend their money for their own purposes. otherwise, the taxpayer citizens will be leaving for less costly regions and the transit systems will be even more useless.

---

While I'm still disappointed that the light rail project was discontinued, I'm very supportive of any upgrade in public transit in this area. Increased frequency and accessibility can only increase use in my view, and I look forward to lighter traffic and even better efficiency with more routes in the future. I understand the difficulty in planning routes, but would like to see more regular and frequent stops in underserved, less affluent neighborhoods as well.

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Please make it illegal to use a car in Orange County unless you have a disability or other special need.