



Cape Fear Moving Forward 2045 Alternative Funding Opportunities

October 2019



Wilmington Urban Area MPO

- Wilmington
- Carolina Beach
- Wrightsville Beach
- Kure Beach
- New Hanover County
- Leland
- Belville
- Navassa
- Brunswick County
- Pender County
- Cape Fear Public Transportation Authority
- NCDOT Board of Transportation





MPO Long Range Planning Requirements

- Federally required to adopt and maintain long range transportation plan for region known as Metropolitan Transportation Plan (MTP)
 - Updated and adopted every 5 years
 - Minimum planning horizon of 20 years
 - Must be fiscally constrained
- Projects must be in adopted MTP to be eligible for federal funds



Financial Forecast for Fiscal Constraint

- Research, collect, and process historical data from past 10 years
- Project historical funding trends out to 2045

Mode	Forecast Capital Funding
Highway	\$3.2 billion
Bicycle and Pedestrian	\$127 million
Mass Transit	\$70 million
Ferry	\$42 million
Aviation	\$206 million
Rail	\$32 million
Total	\$3.6 billion



Estimating Project Costs

1

Specify the details of
each project by mode

2

Research, Collect, and
Process Project Data

3

Prepare cost estimates
by mode using the
appropriate tools



Identifying the Funding Gap



Types and Examples of Alternative Funding Sources



- **Taxes**

- Quarter Cent Local Sales Tax
- Vehicle Registration Fees
- Vehicle Rental Tax
- Tolling

- **Grant and Loan Programs**

- Consolidated Rail Infrastructure and Safety Improvement Grant (CRISI)
- Capital Investment Grant

- **Financing**

- Transportation Bonds
- Grant Anticipation Revenue Vehicles (GARVEE)
- Better Utilizing Investments to Leverage Development (BUILD) Transportation Discretionary Grant Program



Board Recommended for Forecasting and Further Consideration

- Quarter-Cent Local Option Sales Tax
- Quarter-Cent Local Option Sales Tax for Transit
- Vehicle Registration Fee
- Motor Vehicle License Tax
- Motor Vehicle License Tax for Transit
- Vehicle Rental Tax
- Bicycle Registration Fee
- Municipal Transportation Bonds
- Tolling



Quarter-Cent Local Sales Tax / Quarter- Cent Local Sales Tax for Transit

- Utilized for any service offered by County
- Transit only sales tax applicable to construction, operation, and maintenance of TRANSIT only

Tax / Fee	2020 dollars (million)			
	Total	New Hanover	Brunswick	Pender
Quarter Cent Tax on Sales	612	494	69	49
Quarter Cent Tax on Sales (Transit Only)	612	494	69	49



Vehicle Registration Fee

- G.S 105-570 enables up to \$7
- Financing for construction, operation, and maintenance of TRANSIT only

Tax / Fee	2020 dollars (million)			
	Total	New Hanover	Brunswick	Pender
Annual Vehicle Registration Fee	40	32	4	4



Motor Vehicle License Tax / Motor Vehicle License Tax for Transit Only

- N.C G.S 20-97 allows annual tax up to \$30
 - \$5 for financing, construction, operating, and maintaining transit
 - Up to \$20 for public streets (\$5 assumed for forecast)

Tax / Fee	2020 dollars (million)			
	Total	New Hanover	Brunswick	Pender
Annual Driver's License Tax	25	20	3	2
Annual Driver's License Tax (Transit Only)	25	20	3	2



Vehicle Rental Tax

- N.C G.S 153A-156 enables county tax on passenger vehicle rentals
- For the financing, construction, operating, and maintaining transit

Tax / Fee	2020 dollars (million)			
	Total	New Hanover	Brunswick	Pender
Vehicle Rental Tax	29	29	0	0



Bicycle Registration Fee

- The number of existing bicycles and bicycle sales per year estimated for WMPO region and a \$10 annual fee assumed.

Tax / Fee	2020 dollars (million)			
	Total	New Hanover	Brunswick	Pender
Bicycle Registration Fee	8	6	1	1



Municipal Transportation Bonds

- N.C G.S 159-43 authorizes transportation bonds with voter approval
- Example: City of Wilmington 2014 Transportation Bond
 - \$44 million in bonds totaling \$55 million in projects
 - \$35 million in roadway projects
 - \$20 million in bicycle and pedestrian projects



Tolling

- N.C G.S 136-89 created NC Turnpike Authority
- Project specific, only allowed on new route, bridges, and managed lane facilities
- Example: Cape Fear Crossing estimated toll revenue for 2040 MTP was \$88 million



Next Steps

- WMPO Board to determine which alternative funding sources to be supported and applied in 2045 MTP
- Based on project rank and cost, WMPO Board to endorse additional fiscally constrained projects



Alternative Funding Options

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Quarter Cent Tax on Sales (Transit Only)	612	494	69	49
Annual Driver's License Tax	25	20	3	2
Additional Driver's License Tax (Transit only)	25	20	3	2
Annual Vehicle Registration Fee	40	32	4	4
Vehicle Rental Tax	29	29	0	0
Bicycle Registration Fee	7	6	1	1
Total	1350	1094	149	106
Percentage by county	100%	81%	11%	8%



Discussion

Abby Lorenzo

Sr. Transportation Planner

Abby.Lorenzo@wilmingtonnc.gov