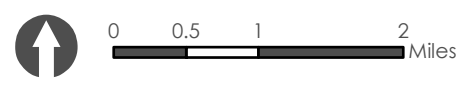
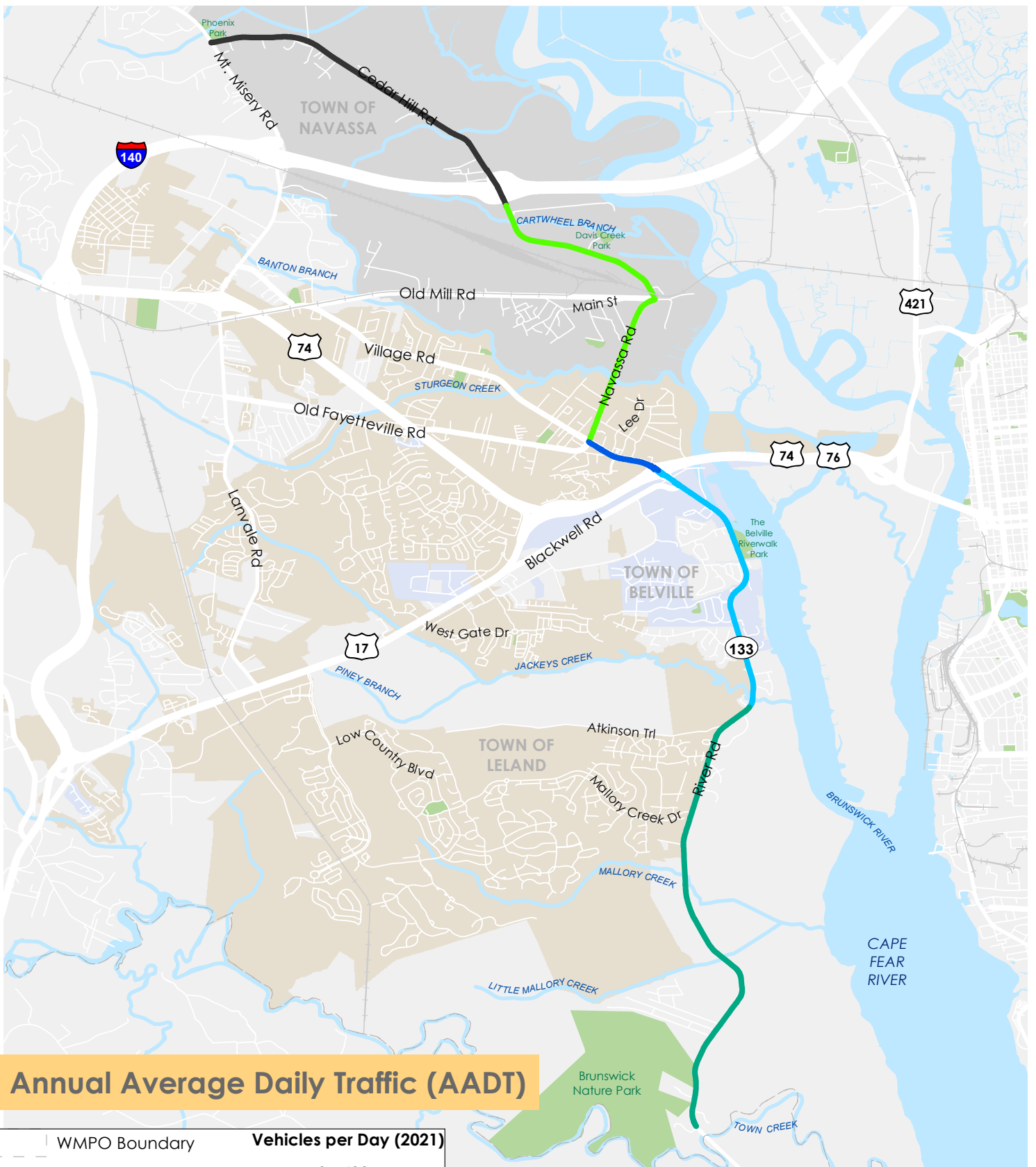


Project Study Area

- Gullah Geechee Trail Base Alignment
- WMPO Boundary
- Railroad
- Parks and Greenspace
- Water
- Town of Belville
- Town of Leland
- Town of Navassa



Gullah Geechee Heritage Trail Feasibility Study



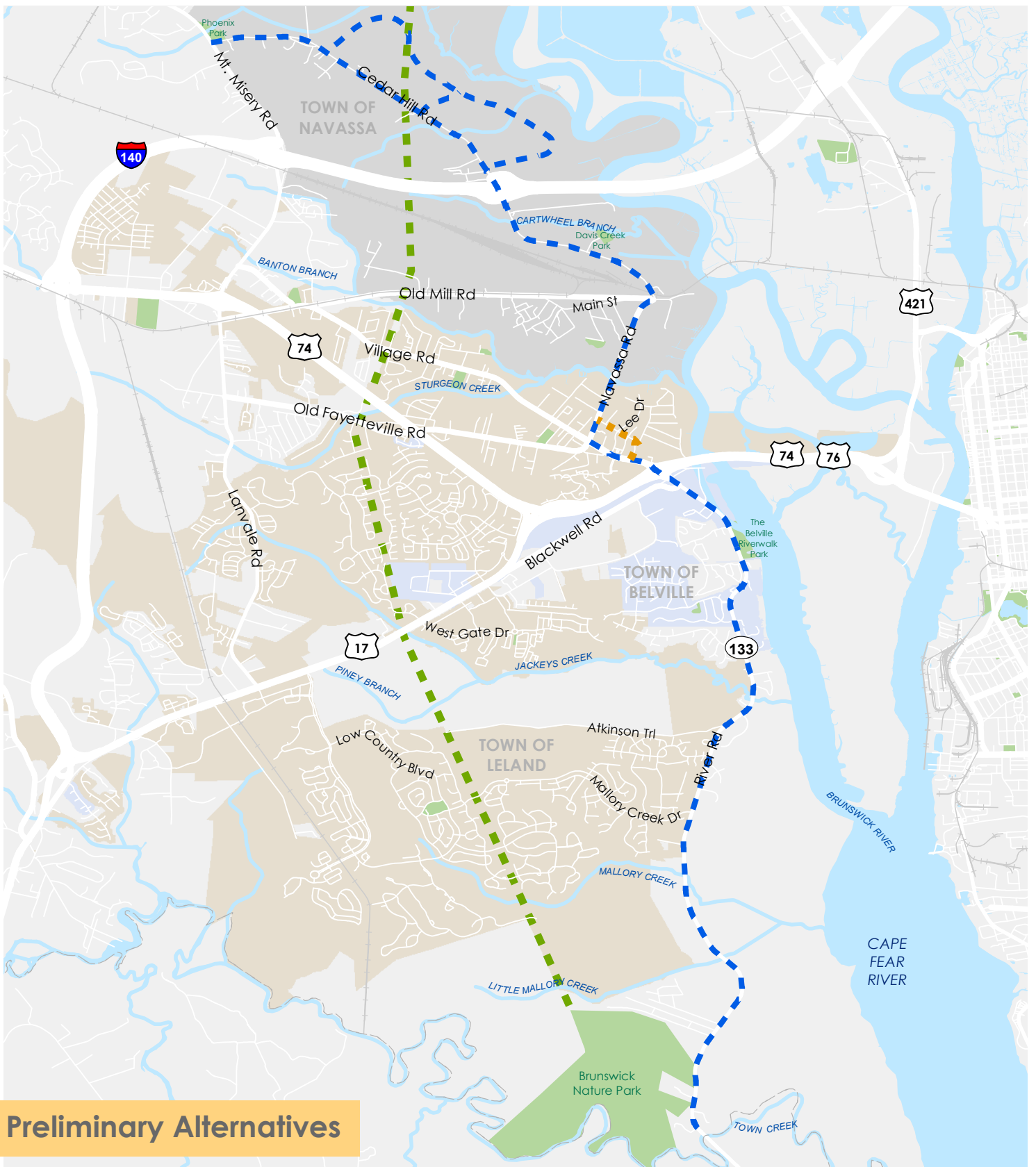
Annual Average Daily Traffic (AADT)

Vehicles per Day (2021)	
	WMPO Boundary
	Railroad
	Parks and Greenspace
	Water
	Town of Belville
	Town of Leland
	Town of Navassa
	0 - 499
	500 - 1,999
	2,000 - 4,999
	5,000 - 9,999
	10,000 - 19,999
	20,000 or more



Gullah Geechee Heritage Trail Feasibility Study

Data Source: NCDOT Road Characteristics

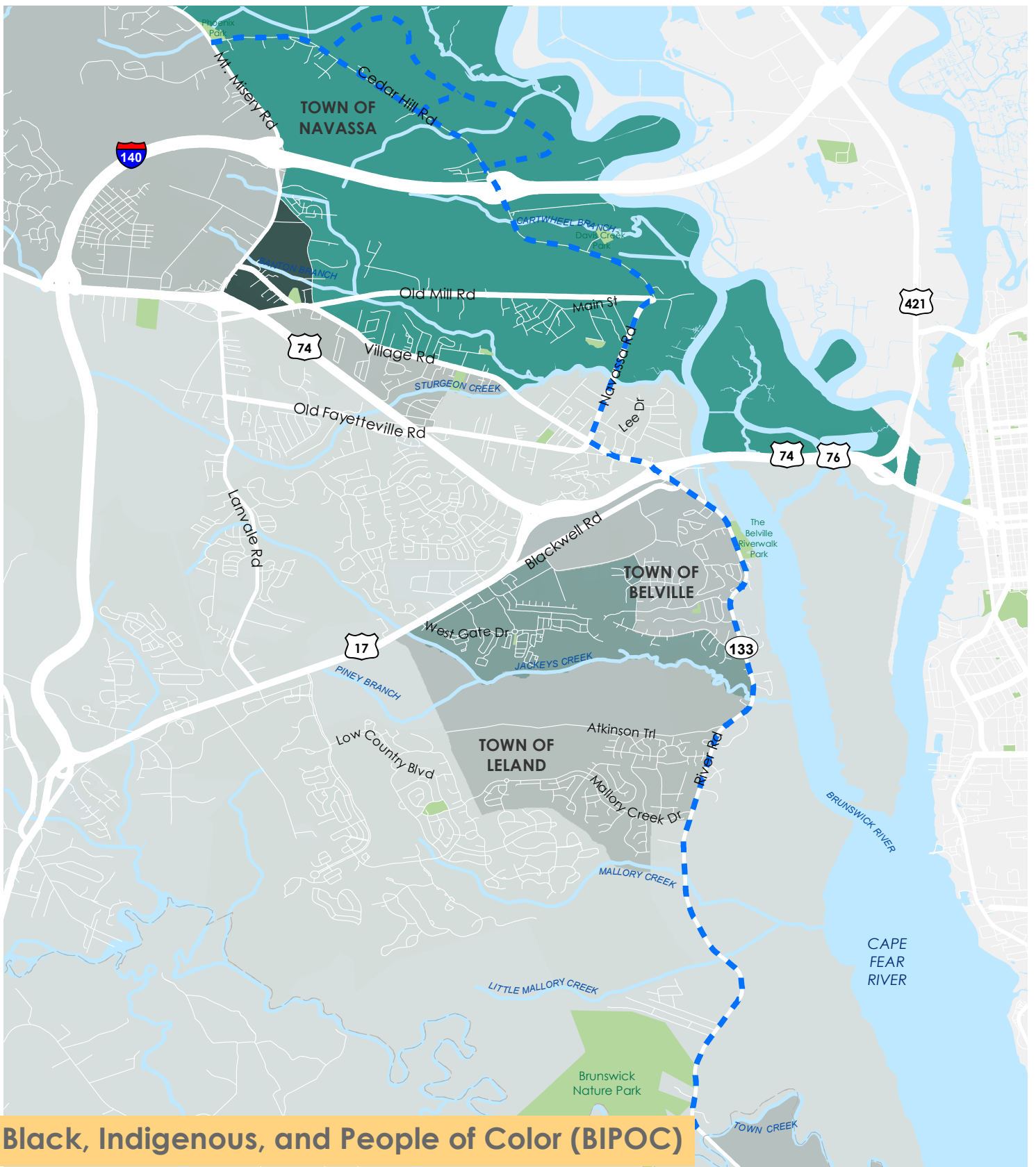


Preliminary Alternatives

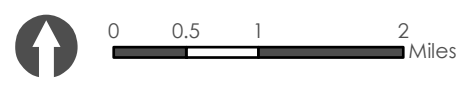
- - - Gullah Geechee Trail Base Alignment
- - - Alternative 1
- - - Alternative 2
- WMPO Boundary
- Railroad
- Parks and Greenspace
- Water
- Town of Belville
- Town of Leland
- Town of Navassa



Gullah Geechee Heritage Trail Feasibility Study

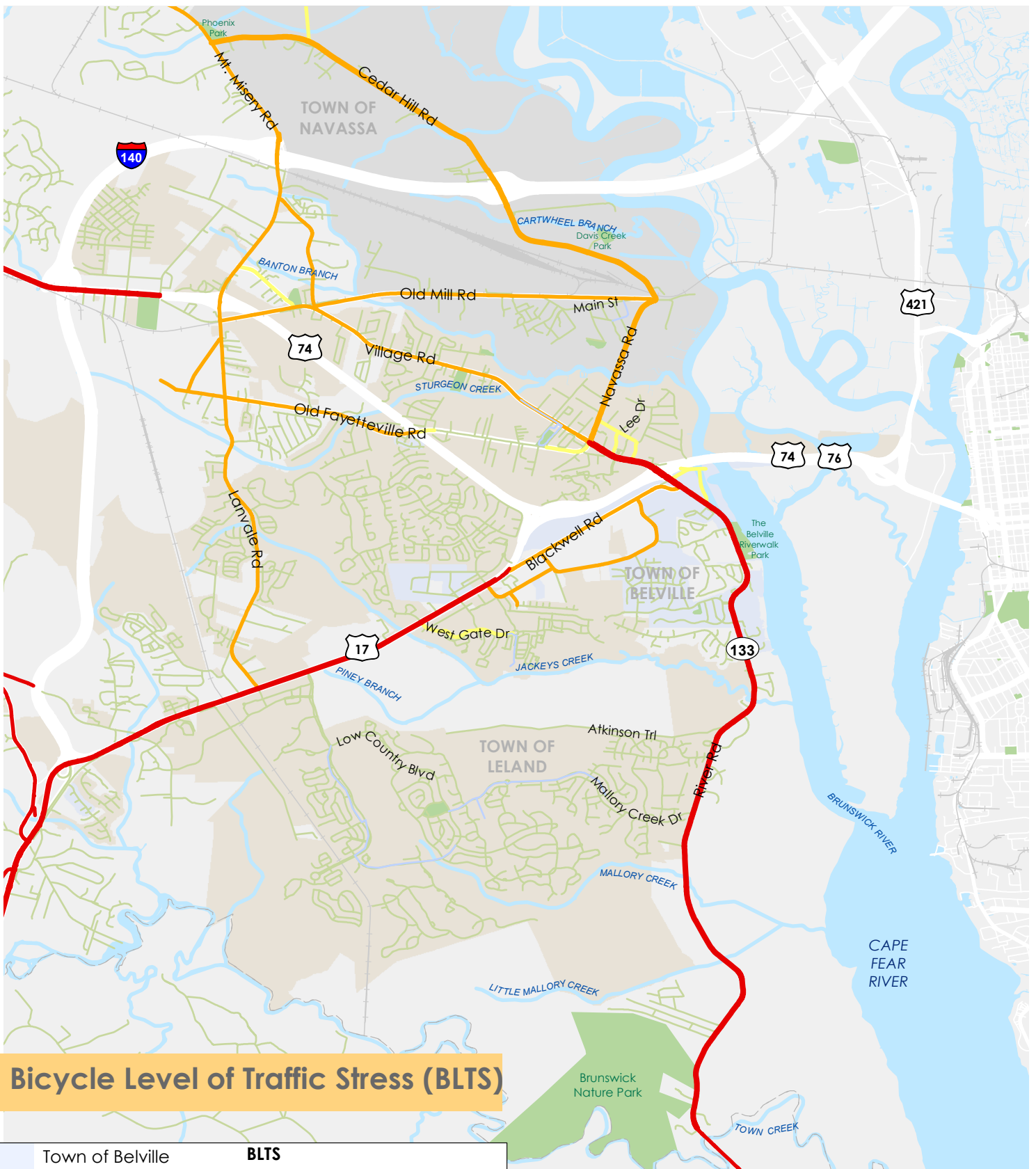


- - - Gullah Geechee Trail Base Alignment
 - WMPO Boundary
 - Parks and Greenspace
 - Water
- Percent of BIPOC Population**
- 0% - 20%
 - 21% - 40%
 - 41% - 60%
 - 61% - 80%
 - 81% - 100%



Gullah Geechee Heritage Trail Feasibility Study

Data Source: NCDOT
Transportation Disadvantaged Index



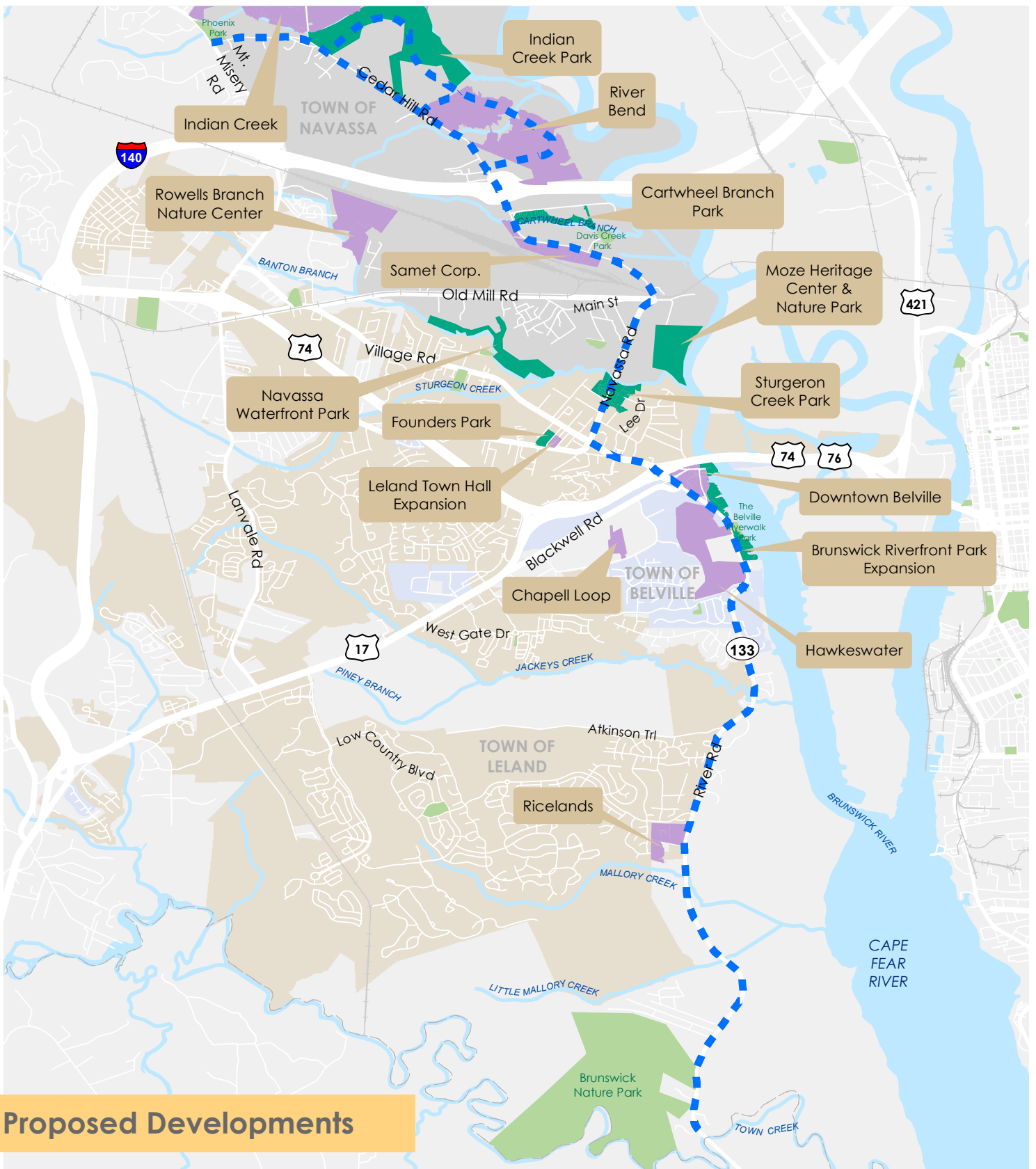
Bicycle Level of Traffic Stress (BLTS)

BLTS	
	Town of Belville
	Town of Leland
	Town of Navassa
	Water
	WMPO Boundary
	Railroad
	Parks and Greenspace
	1. Very Low Stress
	2. Somewhat Low Stress
	3. Stressful
	4. Highly Stressful



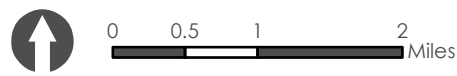
0 0.5 1 2 Miles

Gullah Geechee Heritage Trail Feasibility Study



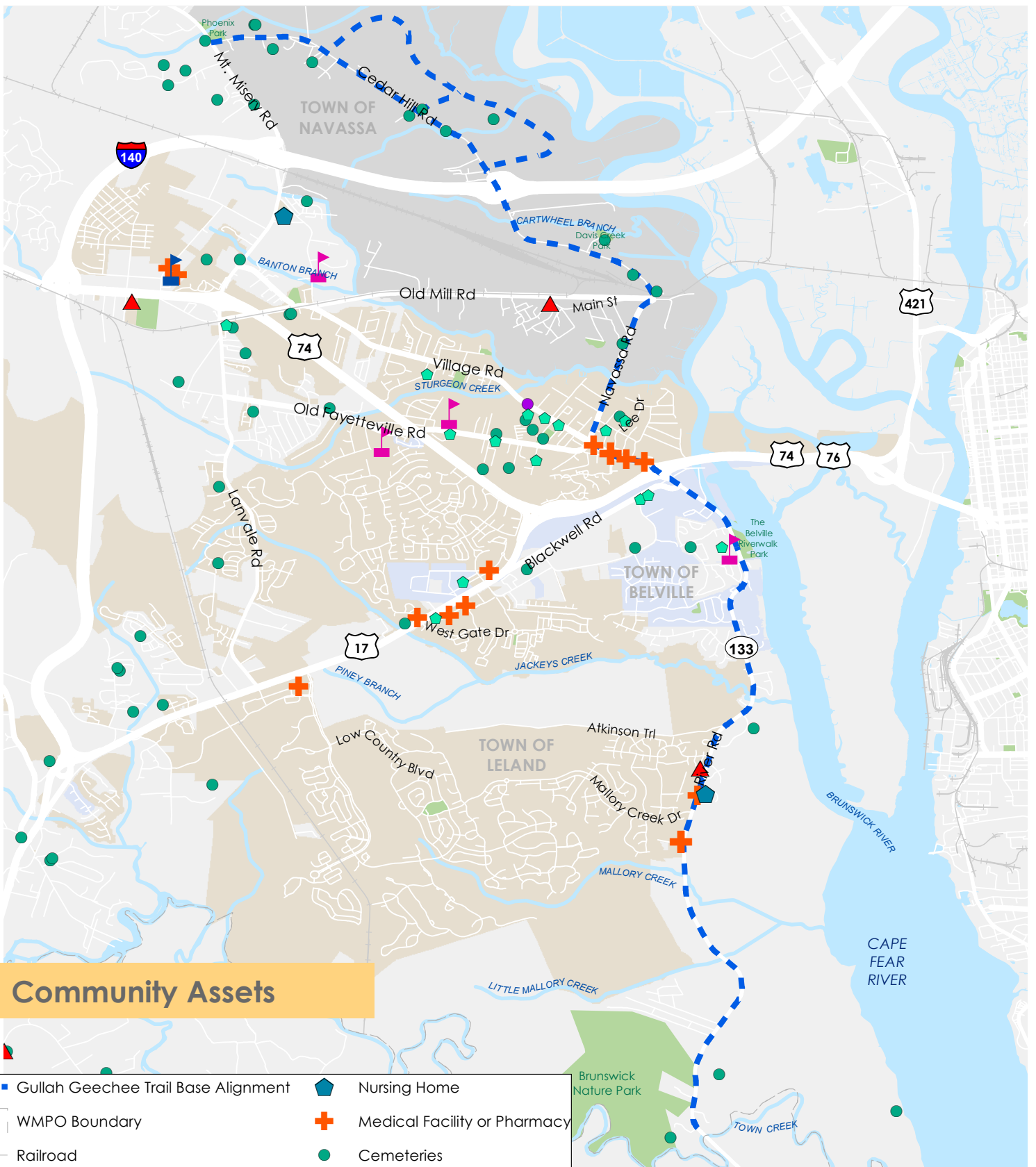
Proposed Developments

- - - Gullah Geechee Trail Base Alignment
- Town of Belville
- Town of Leland
- Town of Navassa
- Water
- WMPO Boundary
- Railroad
- Parks and Greenspace
- Proposed Park
- Proposed Development



Gullah Geechee Heritage Trail Feasibility Study

Data Source: Town of Leland, Town of Belville, Town of Navassa, Brunswick County, WMPO



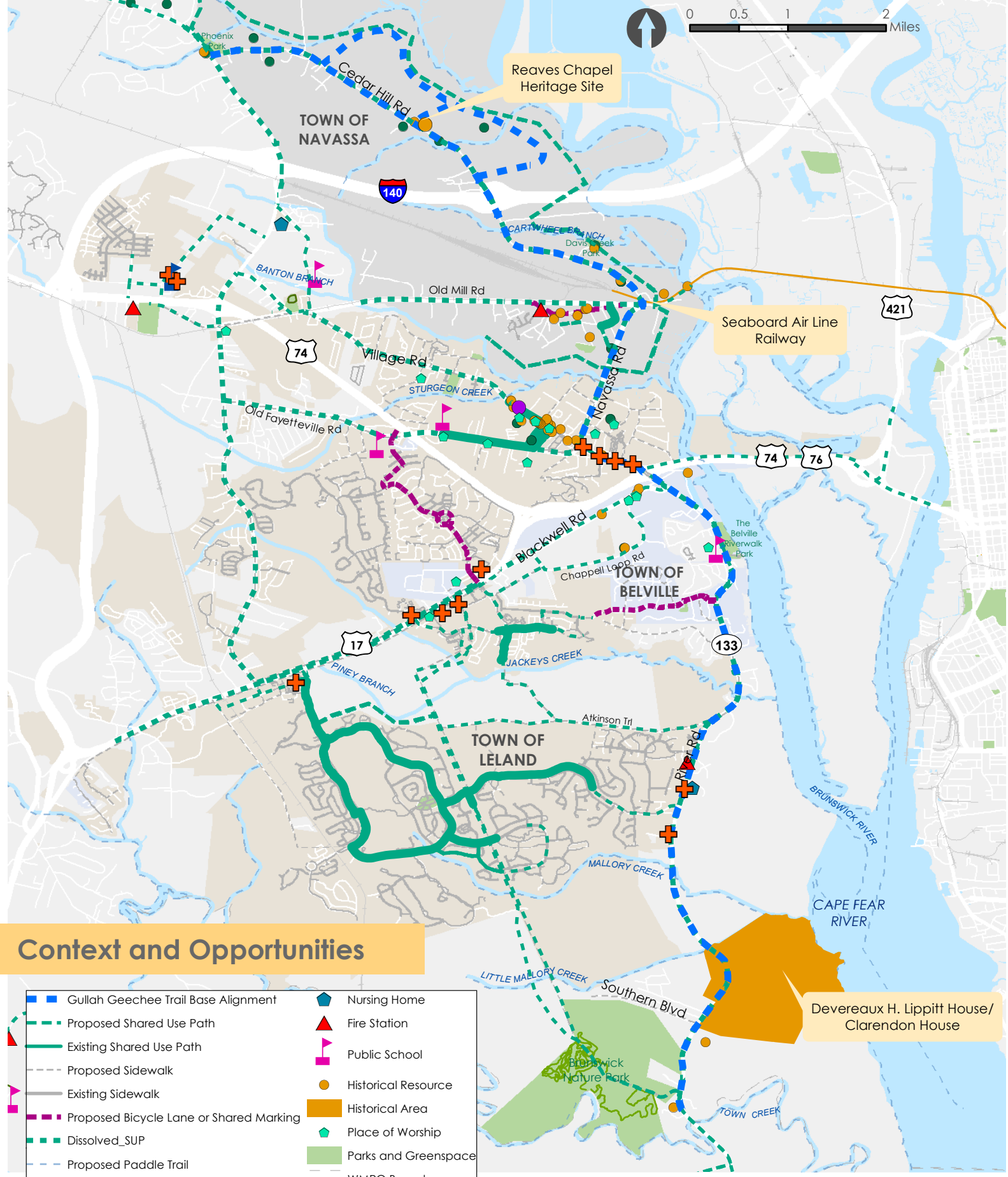
Community Assets

- | | |
|-------------------------------------|------------------------------|
| Gullah Geechee Trail Base Alignment | Nursing Home |
| WMPO Boundary | Medical Facility or Pharmacy |
| Railroad | Cemeteries |
| Parks and Greenspace | Private School |
| Water | Library |
| Town of Belville | Place of Worship |
| Town of Leland | Fire Station |
| Town of Navassa | |
| Public School | |



Gullah Geechee Heritage Trail Feasibility Study

Data Source: NC OneMap, WMPO, Brunswick County

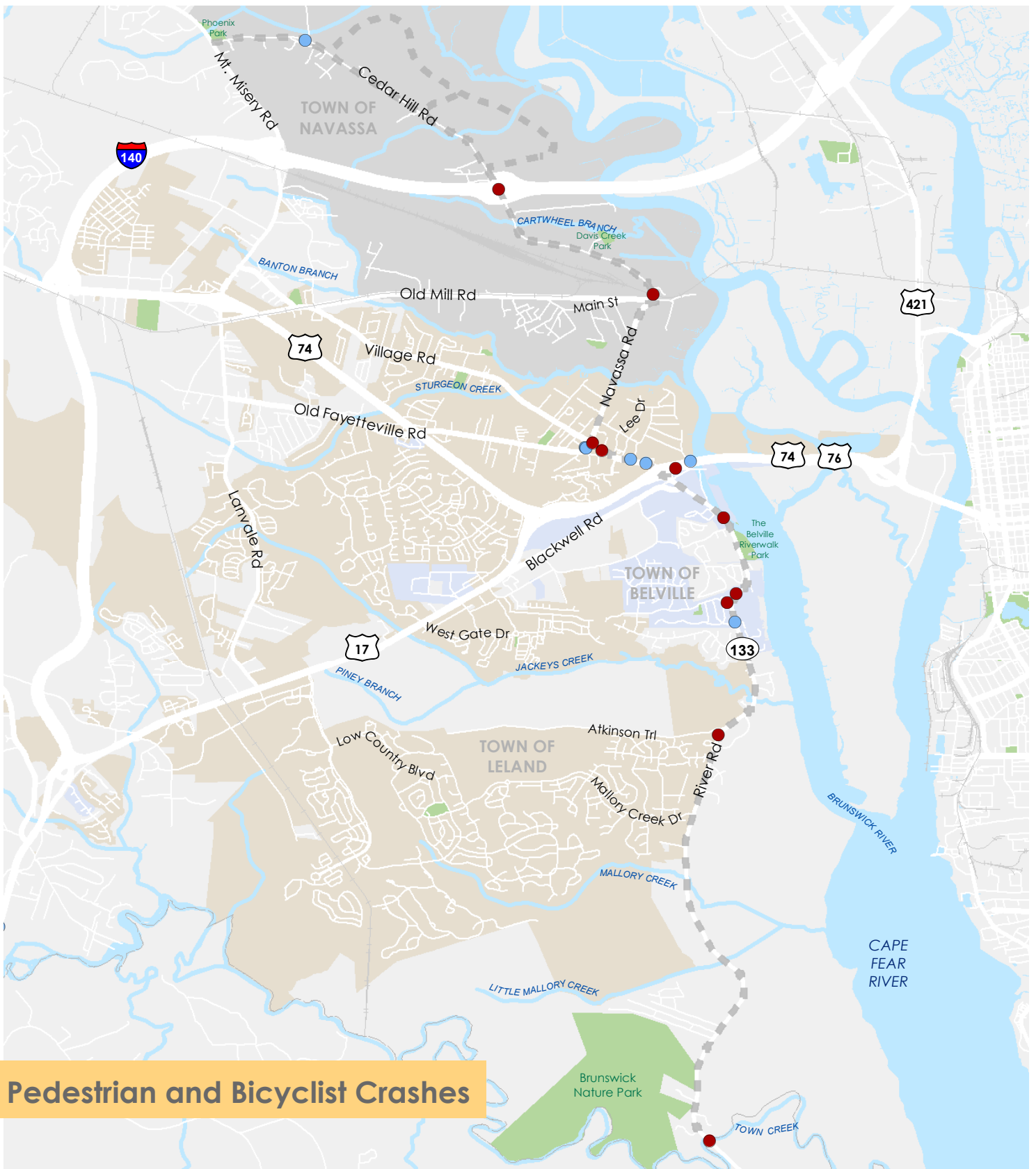


Context and Opportunities

- | | |
|---|----------------------|
| Gullah Geechee Trail Base Alignment | Nursing Home |
| Proposed Shared Use Path | Fire Station |
| Existing Shared Use Path | Public School |
| Proposed Sidewalk | Historical Resource |
| Existing Sidewalk | Historical Area |
| Proposed Bicycle Lane or Shared Marking | Place of Worship |
| Dissolved_SUP | Parks and Greenspace |
| Proposed Paddle Trail | WMPO Boundary |
| Cemetery | Railroad |
| Library | Water |
| Medical Facility or Pharmacy | Town of Belville |
| Private School | Town of Leland |
| | Town of Navassa |

Gullah Geechee Heritage Trail Feasibility Study

Data Source: WMPO, Town of Navassa, Town of Leland, Town of Belville, Brunswick County



Pedestrian and Bicyclist Crashes

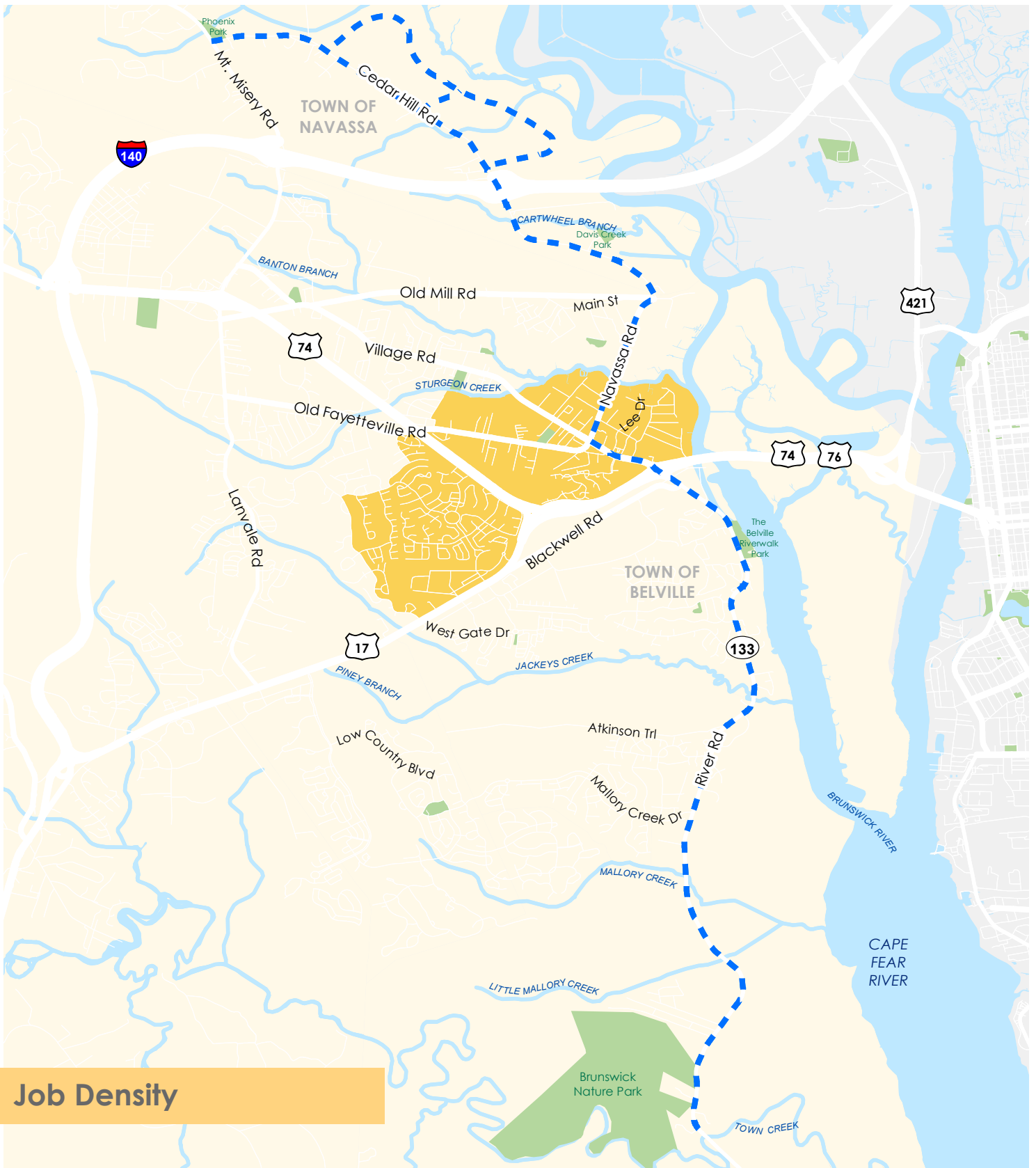
- Gullah Geechee Trail Base Alignment
- Railroad
- Town of Belville
- Parks and Greenspace
- Town of Leland
- Pedestrian Crash
- Town of Navassa
- Bicyclist Crash
- Water
- WMPO Boundary



0 0.5 1 2 Miles

Gullah Geechee Heritage Trail Feasibility Study

Data Source: NCDOT Bicyclist and Pedestrian Crashes (2007-2021)



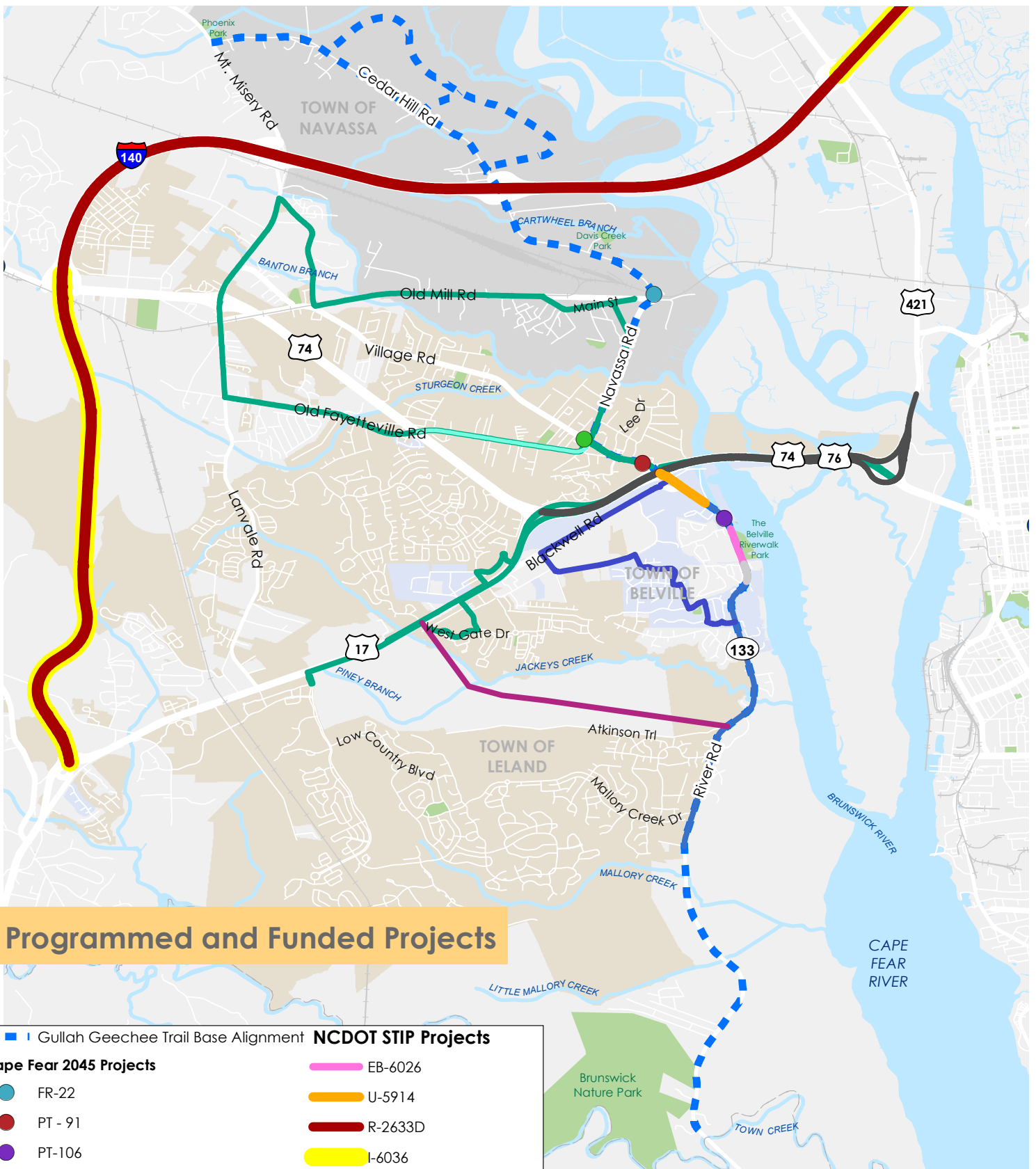
Job Density

- - - Proposed Gullah Geechee Corridor
- WMPO Boundary
- Parks and Greenspace
- Water
- Jobs per Square Mile**
- 1 - 500
- 501 or more



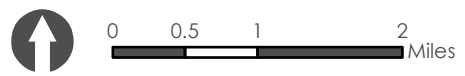
Gullah Geechee Heritage Trail Feasibility Study

Data Source: US Census Longitudinal Employer-Household Dynamics



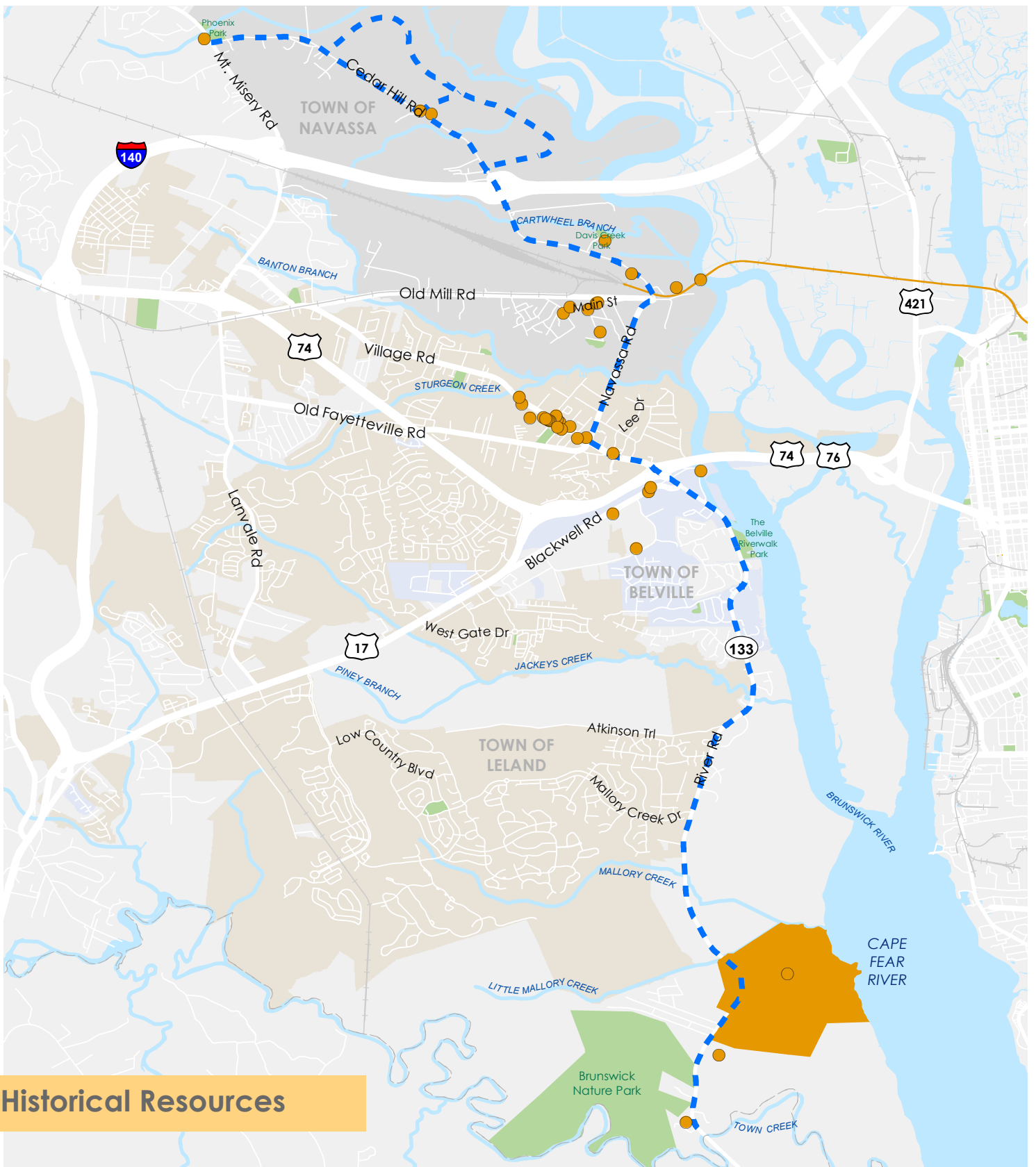
Programmed and Funded Projects

Cape Fear 2045 Projects		NCDOT STIP Projects	
	Gullah Geechee Trail Base Alignment		EB-6026
	FR-22		U-5914
	PT - 91		R-2633D
	PT-106		I-6036
	PT-57		EB-6025
	BP-298		Town of Belville
	RW-78		Town of Leland
	TD-5291		Town of Navassa
	RW-206		Water
	RW-20		WMPO Boundary
	RW-51		Railroad
			Parks and Greenspace



Gullah Geechee Heritage Trail Feasibility Study

Data Source: NCDOT 2024-2033 STIP Map, Cape Fear Moving Forward 2045



Historical Resources

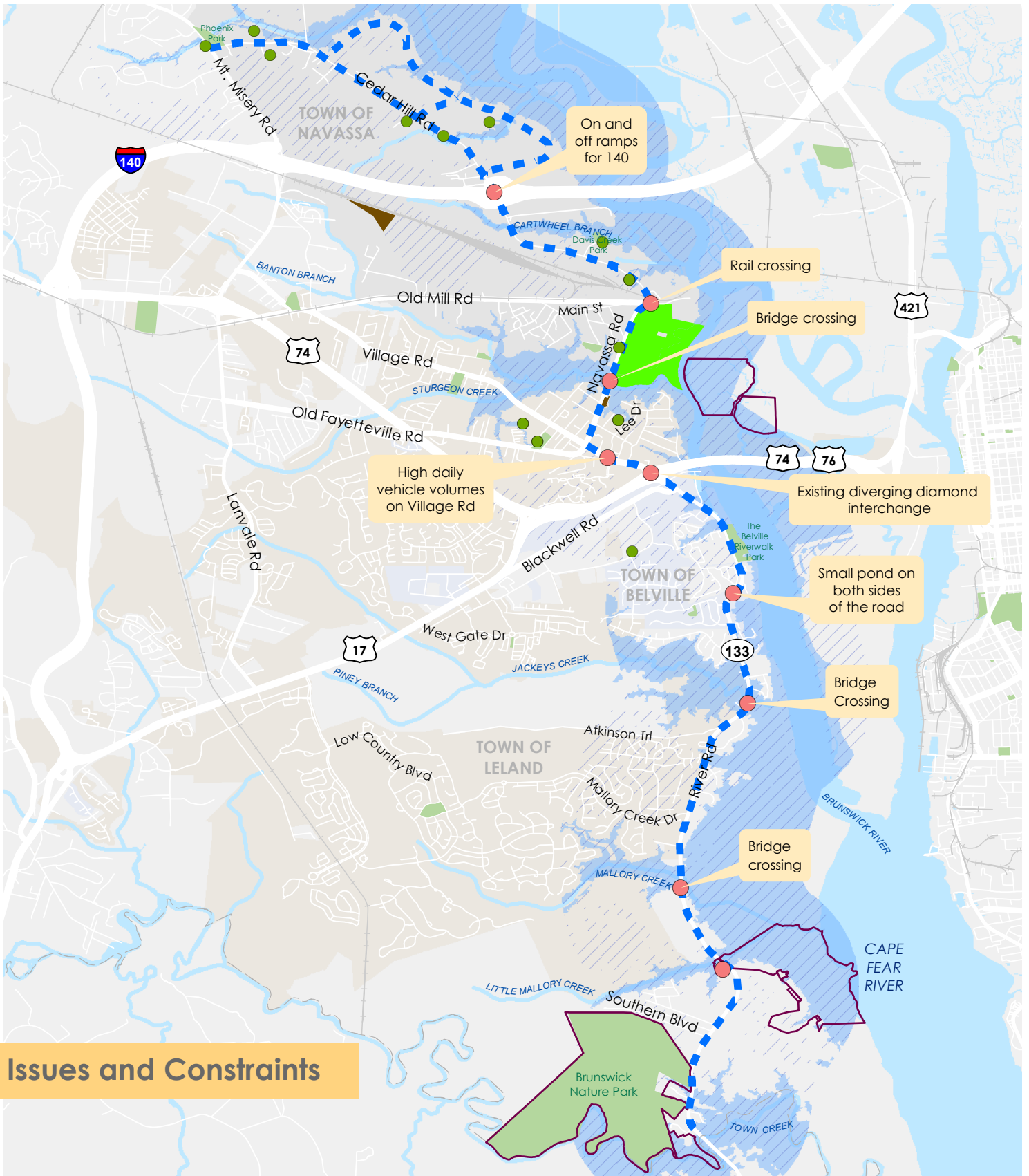
- - - Gullah Geechee Trail Base Alignment
- WMPO Boundary
- Railroad
- Parks and Greenspace
- Water
- Town of Belville
- Town of Leland
- Town of Navassa
- Historical Resource
- Historical Area



0 0.5 1 2 Miles

Gullah Geechee Heritage Trail Feasibility Study

Data Source: National Register of Historic Places



Issues and Constraints

- Gullah Geechee Trail Base Alignment
- Cemetery
- Constraints
- Brownfield Redevelopment
- NC Land and Water Fund Managed Areas
- Kerr McGee Superfund Site
- 100 year Floodplain
- ▨ Wetlands
- WMPO Boundary
- Parks and Greenspace
- Railroad
- Water
- Town of Belville
- Town of Leland
- Town of Navassa

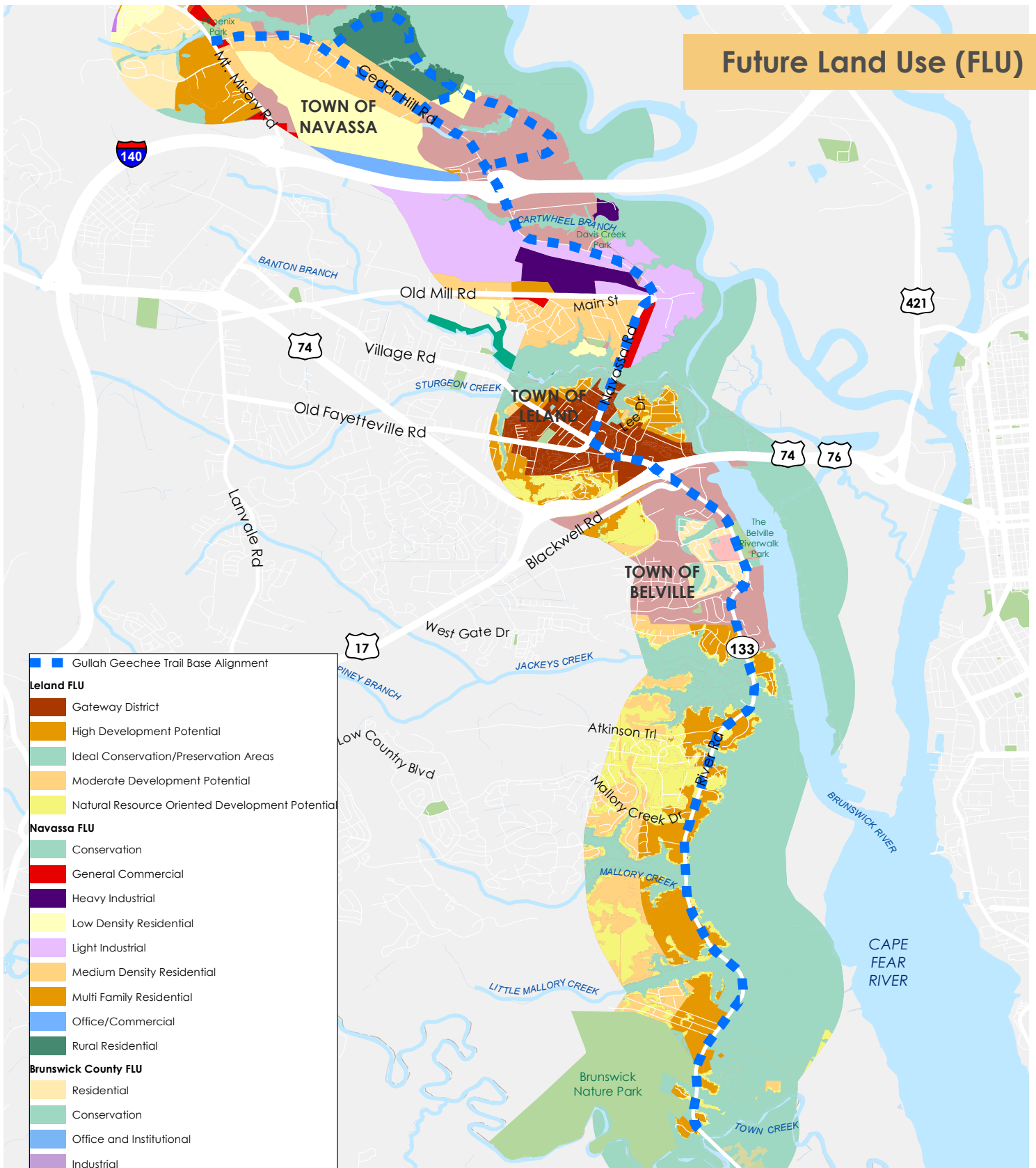


0 0.5 1 2 Miles

Gullah Geechee Heritage Trail Feasibility Study

Data Source: NCDEQ, NCOneMap, NCDOT Atlas, WMPO

Future Land Use (FLU)

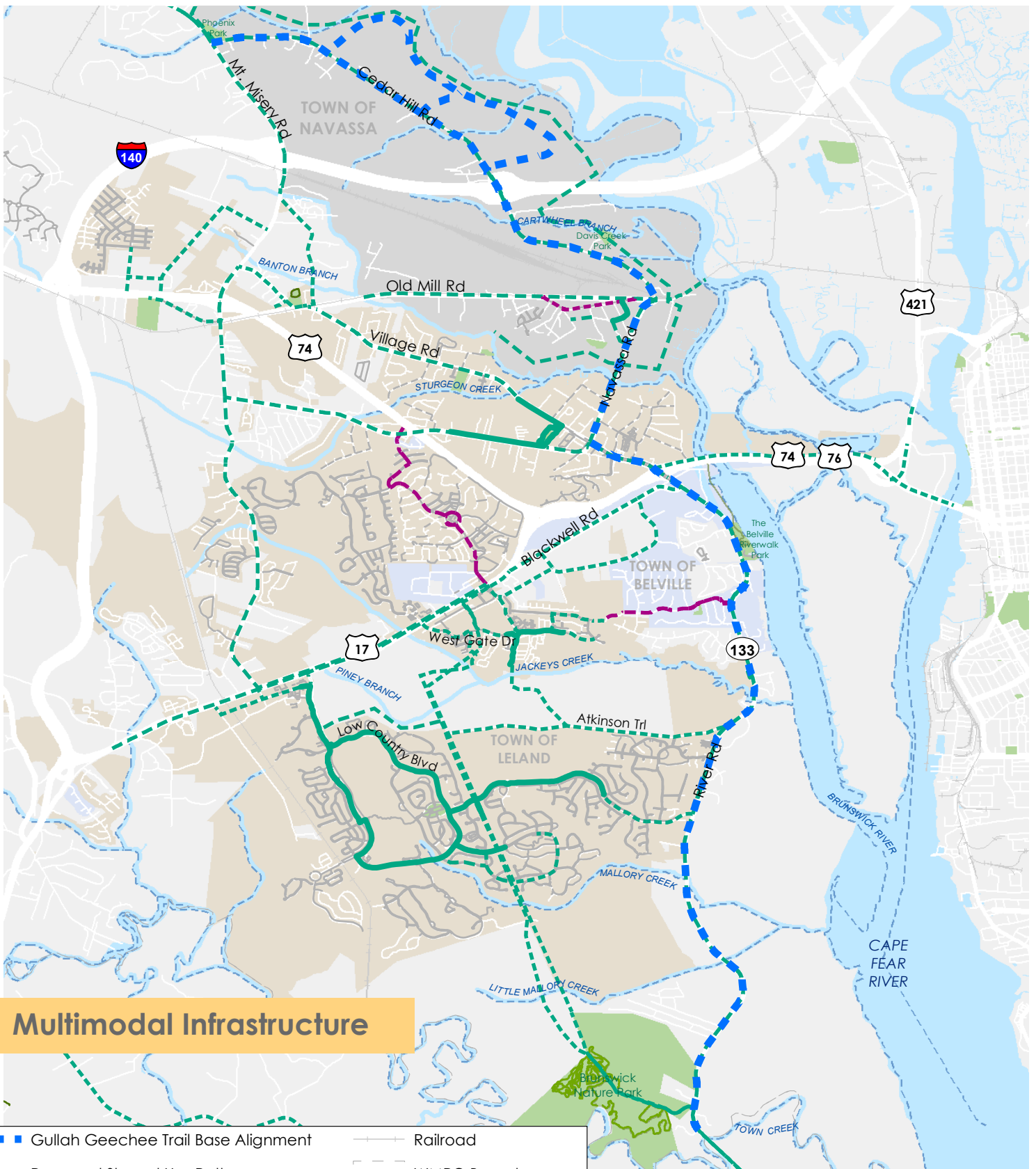


- Gullah Geechee Trail Base Alignment
- Leland FLU**
- Gateway District
- High Development Potential
- Ideal Conservation/Preservation Areas
- Moderate Development Potential
- Natural Resource Oriented Development Potential
- Navassa FLU**
- Conservation
- General Commercial
- Heavy Industrial
- Low Density Residential
- Light Industrial
- Medium Density Residential
- Multi Family Residential
- Office/Commercial
- Rural Residential
- Brunswick County FLU**
- Residential
- Conservation
- Office and Institutional
- Industrial
- Commercial
- Moderate Development
- Natural Resource Oriented Development
- Rural Residential
- Town Center
- WMPO Boundary
- Railroad
- Parks and Greenspace
- Water



Gullah Geechee Heritage Trail Feasibility Study

Data Source: Brunswick County, Town of Leland, Town of Navassa



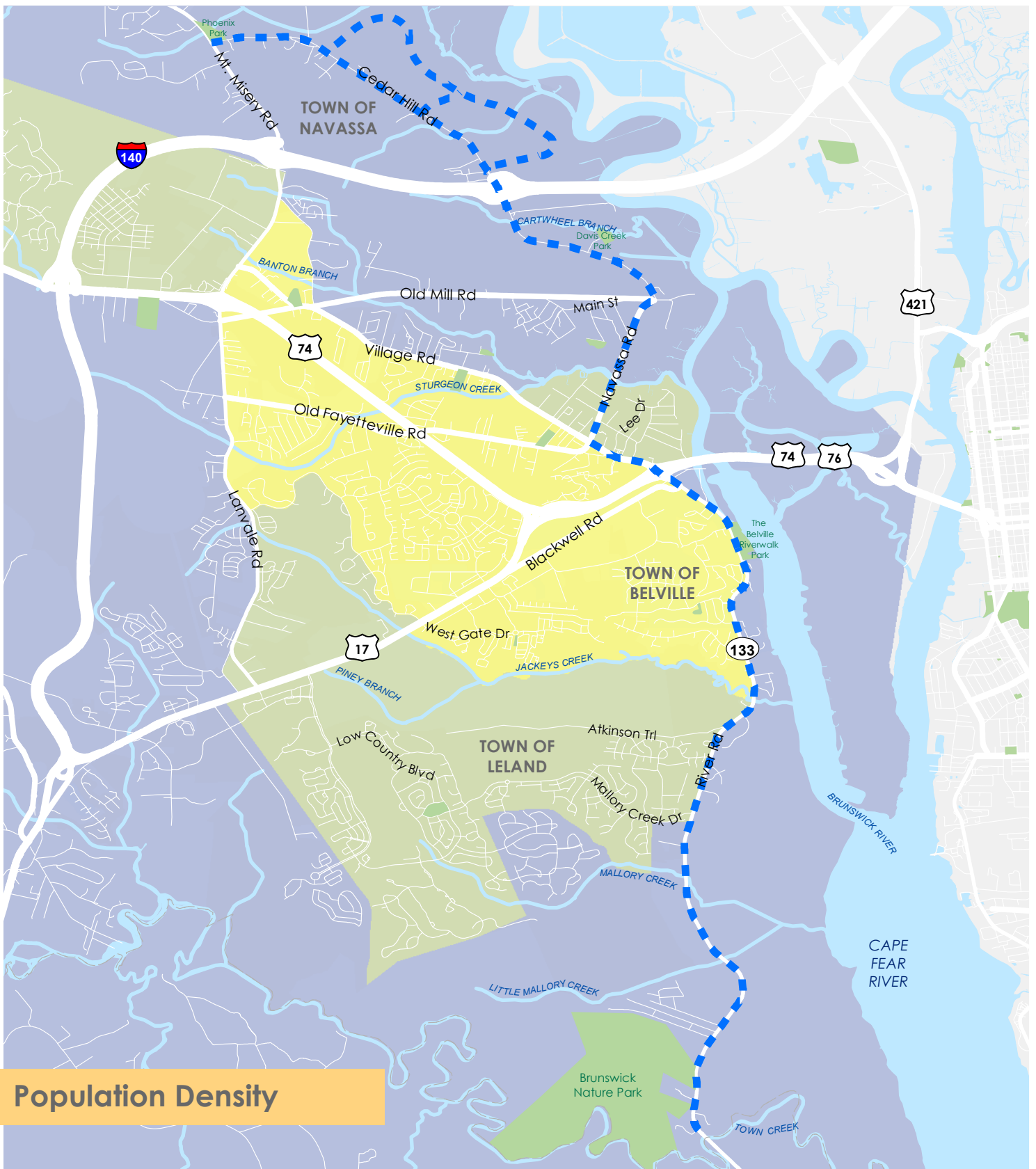
Multimodal Infrastructure

- | | |
|---|----------------------|
| Gullah Geechee Trail Base Alignment | Railroad |
| Proposed Shared Use Path | WMPO Boundary |
| Existing Shared Use Path | Parks and Greenspace |
| Proposed Bicycle Lane or Shared Marking | Water |
| Proposed Sidewalk | Town of Belville |
| Existing Sidewalk | Town of Leland |
| Proposed Paddle Trail | Town of Navassa |
| Existing Park Trails | |










Gullah Geechee Heritage Trail Feasibility Study

Data Source: WMPO, Brunswick County, Town of Navassa, Town of Leland, Town of Belville, NCDOT PBIN



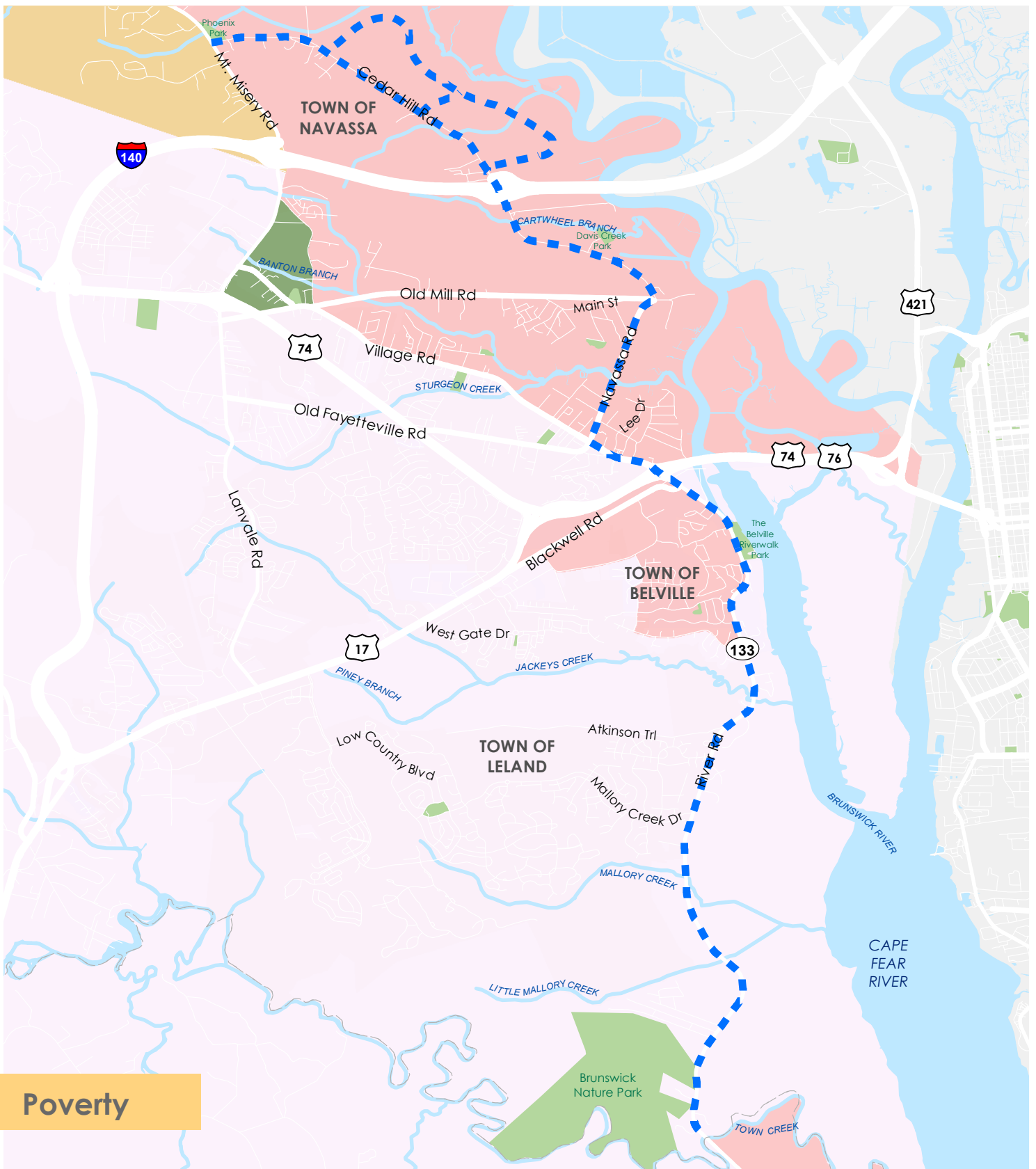
Population Density

-  Gullah Geechee Trail Base Alignment
 -  WMPO Boundary
 -  Parks and Greenspace
 -  Water
- | People per Square Mile | |
|---|---------------|
|  | Less than 500 |
|  | 501 - 1,000 |
|  | 1,001 or more |



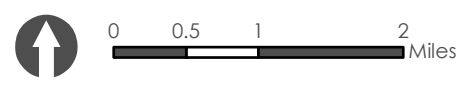
Gullah Geechee Heritage Trail Feasibility Study

Data Source: American Community Survey 5 Year Survey (2017-2021)



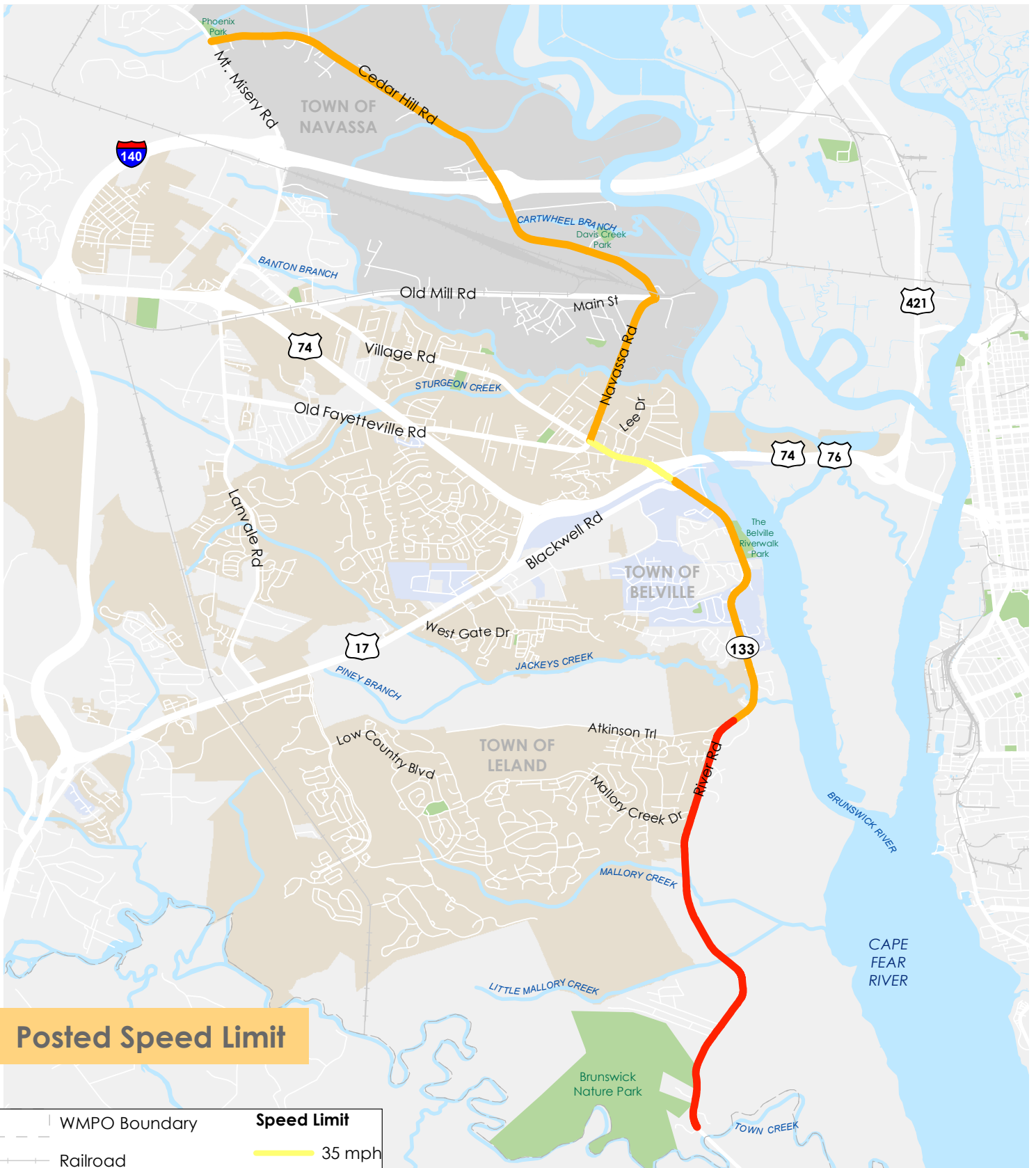
Poverty

- ■ ■ Gullah Geechee Trail Base Alignment
 - WMPO Boundary
 - Parks and Greenspace
 - Water
- | Percent Below the Poverty Line | |
|---------------------------------------|------------|
| | 0% - 20% |
| | 21% - 40% |
| | 41% - 60% |
| | 61% - 80% |
| | 81% - 100% |



Gullah Geechee Heritage Trail Feasibility Study

Data Source: NCDOT
Transportation Disadvantaged Index



Posted Speed Limit

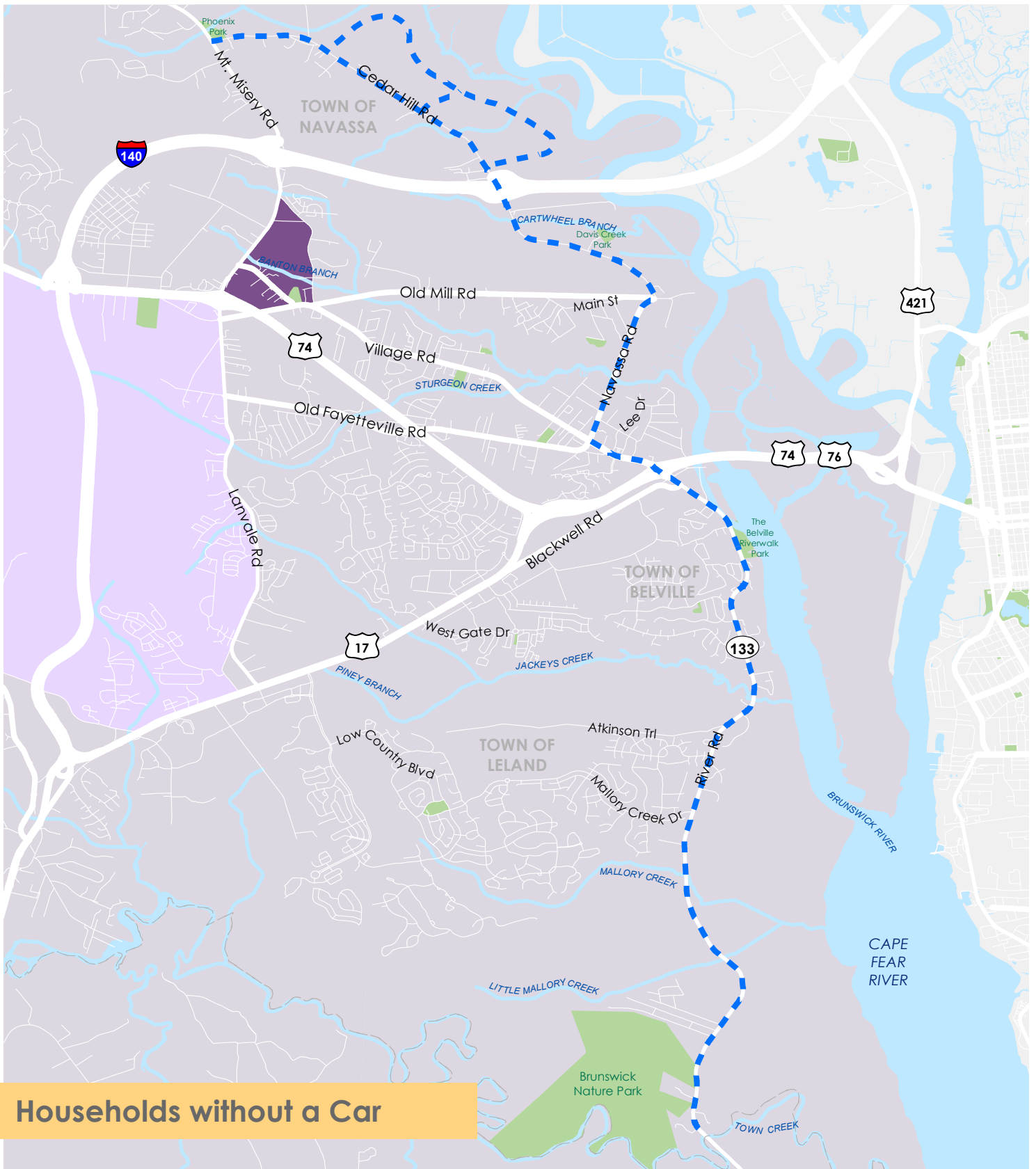
Speed Limit	
	35 mph
	45 mph
	55 mph

	WMPO Boundary
	Railroad
	Parks and Greenspace
	Water
	Town of Belville
	Town of Leland
	Town of Navassa











Gullah Geechee Heritage Trail Feasibility Study

Data Source: NCDOT Road Characteristics



Households without a Car

-  Gullah Geechee Trail Base Alignment
 -  WMPO Boundary
 -  Parks and Greenspace
 -  Water
- | Percent of Households without a Car | |
|---|-----------|
|  | 0% - 10% |
|  | 11% - 20% |
|  | 21% - 30% |
|  | 31% - 40% |



0 0.5 1 2 Miles

Gullah Geechee Heritage Trail Feasibility Study

Data Source: NCDOT
Transportation Disadvantaged Index