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The Cape Fear Rural Transportation Planning Organization exists to serve as the intergovernmental organization for local elected officials, the North Carolina Department of Transportation, and residents of Brunswick, Columbus and Pender Counties to work cooperatively to address transportation issues.

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## **Rural Transportation Coordinating Committee (RTCC)**

### **Meeting Agenda**

**February 5, 2020 • 10:00 AM**

**Brunswick Community College • Room 207 • Leland, NC**

#### **I. INTRODUCTORY BUSINESS**

- 1. Call to Order**
- 2. Introductions**
- 3. Additions or corrections to the agenda**
- 4. Approval of minutes:** November 6, 2019 (*attached*)
- 5. Public Comment**
- 6. Vacancies and appointments** (roster *attached*)

#### **II. PRESENTATIONS**

- 7. Columbus County CTP** – Patrick Flanagan
- 8. Complete Street Policy Update** – Patrick Flanagan

#### **III. REGULAR BUSINESS**

- 9. DRAFT FY 2020-2021 PWP** – The draft Planning Work Program (PWP) for the upcoming fiscal year is due to NCDOT by February 28. *No action required.*
- 10. P6.0 New Project Submission List** – The deadline for entering new projects into the P6.0 database is April 30th. The preliminary P6.0 new project submittal list will be presented to the RTAC at their February 21<sup>st</sup> meeting (tentative). New project ideas must be submitted to the CFRPO by January 15<sup>th</sup> to be included on the preliminary project list. *No action required.*
- 11. Reports/Updates**
  - Cape Fear RPO
    - 2020 Meeting Schedule
    - Mobi Award Voting



- Brunswick Co. CTP
- Pender Co. CTP
- NC 211/East Coast Greenway Feasibility Study
- US 74 Corridor Master Plan
- STIP amendments and revisions
- Title VI Survey
- NCDOT Division 3 (Brunswick & Pender)
- NCDOT Division 6 (Columbus)
- NCDOT Transportation Planning Division (TPD)
- Wilmington Area MPO (WMPO)
- Grand Strand MPO (GSATS)

#### **IV. OTHER**

**12. Open discussion:** General questions, comments, and other discussions

**13. Adjourn**



# Cape Fear RPO

Brunswick County ❖ Columbus County  
Pender County

## Rural Transportation Coordinating Committee November 6<sup>th</sup>, 2019 Meeting Minutes \*\*DRAFT\*\*

### Voting Members Present

Helen Bunch, Brunswick County  
Sam Shore, Pender County  
Gordon Hargrove, Lake Waccamaw  
Joy Jacobs, Columbus County  
Robert Lewis, Whiteville  
Jim Longenbach, Pender Transportation  
Thomas Lloyd, Southport

Caitlin Marks, NCDOT Division 3  
Andrea Correll, Burgaw  
Jeff Repp, Boiling Spring Lakes  
Behshad Norowzi, NCDOT TPD  
Patrick Flanagan, Cape Fear RPO  
Darius Sturdivant, NCDOT Division 6

### Others Present

Malcolm Charles, MOTSU  
Jerome Chestnut, Chadbourn  
Fred Fontana, AARP  
Parks Kelly, NCDOT TPD  
Pat Garrell, Chadbourn

Sean Martin, Whiteville  
Chris Palsgrove, NCDOT TPD  
Jake Vares, Oak Island  
Allen Serkin, Cape Fear COG

1. **Introduction and quorum** – Having reached a quorum, Patrick Flanagan called the meeting to order at 10:03 AM. The attendees introduced themselves.
2. **Changes or additions to the agenda** – No changes were made to the agenda.
3. **Approval of the minutes** – There was one change to the minutes. Jake Vares' name was moved to the "Others Present" section; it has since been corrected. *Jeff Repp made a motion to approve the minutes with said correction. Sam Shore seconded the motion. The motion carried.*
4. **Public Comment** – There was no comment from the public.
5. **Vacancies and appointments** – Discussion began about expiring terms and vacant seats. The second Brunswick County Municipal alternate seat was agreed to be left vacant. Jerome Chestnut was nominated by Gordon Hargrove and seconded by Robert Lewis to fill the vacant Columbus County Municipal alternate seat. The nomination was approved unanimously. Robert Lewis motioned to nominate Sean Martin for the second Columbus County Municipal alternate seat. The nomination was approved unanimously. Sam Shore nominated Andrea Correll to serve in the second Pender County Municipal seat. The nomination was approved unanimously.



6. **Presentation: STIP 5.0 Update** – Caitlin Marks, the Division 3 Planning Engineer gave a presentation on NCDOT cash reserves. She noted storm recovery and MAP Act settlements that were causing a funding crunch at NCDOT. This is resulting in projects in the STIP being delayed.
7. **DRAFT FY 2020-2021 PWP** – Patrick Flanagan reviewed the draft PWP budget for next fiscal year with the group. *Helen Bunch made a motion to recommend the attached FY 2020-2021 PWP Draft be sent to TPD for review. Thomas Lloyd seconded the motion. The motion carried.*
8. **P6.0 Carryover Project Modifications/Deletions** – Patrick Flanagan presented the carry-over projects for review. Projects that needed modification were highlighted. *Sam Shore made a motion to recommend the carryover projects and allow staff to work with NCDOT Division 6 staff to finalize the details on the modification projects. Jeff Repp seconded the motion. The motion carried.*
9. **P6.0 New Project Solicitation** – Patrick Flanagan outlined the project submission deadlines and available slots for the Cape Fear RPO. Staff requested that any new project ideas be submitted by January 15<sup>th</sup> so there would be time to review them prior to the February RPO meetings.
10. **2020 CFRPO Meeting Schedule** – Patrick Flanagan went over the proposed schedule. Concern was raised over conflicting dates with the Wilmington MPO schedule. It was determined this month was an anomaly. *Jeff Repp made a motion to approve the schedule as presented, seconded by Thomas Lloyd. The motion carried.*
11. **Monarch FY 2021 FTA Section 5310 Grant Funds Resolution** – Patrick Flanagan introduced the resolution. Allen Serkin clarified the nature of Monarch Transit. *Robert Lewis made a motion to recommend approval of the resolution. Gordon Hargrove seconded the motion. The motion carried.*
12. **PAS-TRAN FY 2021 FTA Section 5310 Grant Funds Resolution** – Patrick Flanagan introduced the resolution. Jim Longenbach, of PAS-TRAN, answered questions about their use of the funds. *Andrea Correll made a motion to recommend approval of the resolution. Sam Shore seconded the motion. The motion carried.*
13. **Reports/Updates**
  - a. Prioritization 6.0: Patrick Flanagan reviewed the schedule, alternative criteria weights, mobility verse modernization formulas, flexing local input points, complete streets changes, and deadlines.
  - b. Columbus County CTP: staff is reviewing the draft document and getting it ready to go to adoption.
  - c. Brunswick County CTP: staff is reviewing the model data before we begin the CTP planning process.
  - d. Pender County CTP: we are waiting on TPD staffing to begin this plan.



- e. Topsail Beach Non-motorized Transportation Plan: This plan was adopted on October 9<sup>th</sup>.
- f. NC 211/East Coast Greenway Feasibility Study: The contract has been finalized and a notice to proceed has been issued.
- g. Strategic Transportation Corridor Master Plans: These should resume in mid-December.
- h. STIP Amendments and Revisions: Patrick Flanagan went over the NCDOT Board of Transportation Item N handouts with the group.
- i. NCDOT Division 3: Caitlin Marks referred everyone to her presentation earlier in the meeting.
- j. NCDOT Division 6: Darius Sturdivant went over project updates and schedules.
- k. NCDOT TPD: Behshad Norowzi expanded on the CTP updates, NC Moves progress, and Resiliency planning efforts.
- l. Wilmington Area MPO: (no update)
- m. Grand Strand MPO: (no update)

14. **Other Business** – There was no other business.

15. **Adjournment** – There being no further discussion, the meeting was adjourned at 11:20 AM.

*Minutes prepared by Patrick Flanagan on January 29th, 2020*

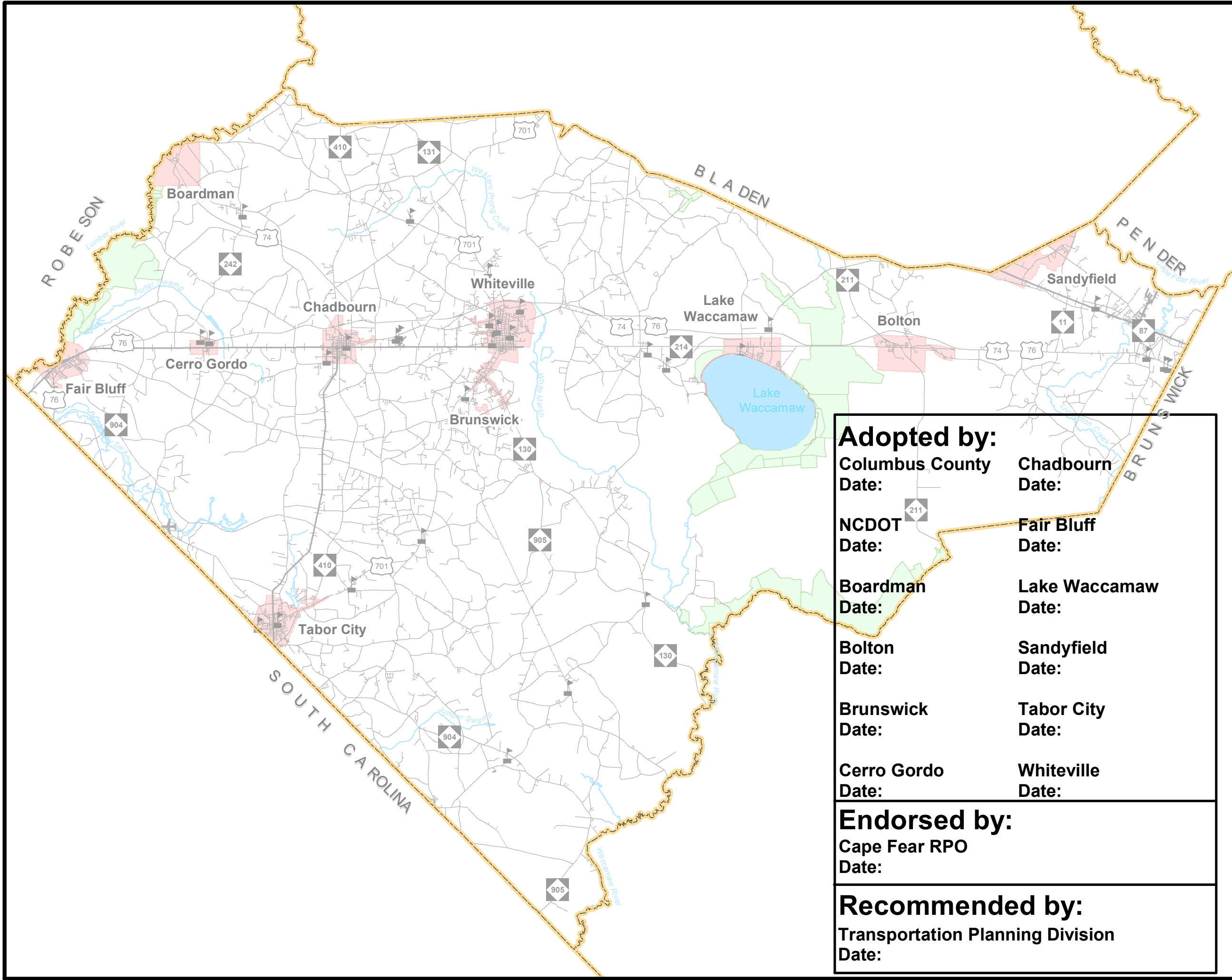


SEAT (TERM)	TERM	NAME	POSITION	MAILING ADDRESS	TELEPHONE	EMAIL
Brunswick County		Helen Bunch	Zoning Admin.	PO Box 249 Bolivia, NC 28422	910-253-2035	<a href="mailto:hbunch@brunsko.net">hbunch@brunsko.net</a>
Brunswick County Alt.		Marc Pagès	Land Planner	PO Box 249 Bolivia, NC 28422	910-253-2056	<a href="mailto:mpages@brunsko.net">mpages@brunsko.net</a>
Brunswick Municipal 1	2018-2019	Thomas Lloyd	Southport Planner	1029 N. Howe Street Southport, NC 28461	910-457-7961	<a href="mailto:thomas_lloyd@southportnc.org">thomas_lloyd@southportnc.org</a>
Brunswick Municipal Alt. 1	2018-2019	Jake Vares	Oak Island Planner	4601 E. Oak Island Drive Oak Island, NC 28465	910-201-8054	<a href="mailto:planner@ci.oak-island.nc.us">planner@ci.oak-island.nc.us</a>
Brunswick Municipal 2	2019-2020	Jeff Repp	Boiling Spring Lakes City Manager	9 East Boiling Spring Rd. Southport, NC 28461	910-363-0025	<a href="mailto:jrepp@cityofbsl.org">jrepp@cityofbsl.org</a>
Brunswick Municipal Alt. 2		VACANT				
Columbus County		Samantha Alsop	Planning Director	306 Jefferson St. Whiteville, NC 28472	910-640-1795	<a href="mailto:salsup@columbusco.org">salsup@columbusco.org</a>
Columbus County Alt.		VACANT				
Columbus Municipal 1	2018-2019	Robert Lewis	Whiteville Planning Director	26 Hill Plaza Whiteville, NC 28472	910-640-1380	<a href="mailto:rlewis@ci.whiteville.nc.us">rlewis@ci.whiteville.nc.us</a>
Columbus Municipal Alt. 1	2019-2020	Jerome Chestnut	Chadbourn Town Manager	602 N Brown Street Chadbourn, NC 28431	910-654-4118	<a href="mailto:manager@townofchadbourn.com">manager@townofchadbourn.com</a>
Columbus Municipal 2	2019-2020	Gordon Hargrove	Lake Waccamaw Town Manager	205 Flemington Dr. Lake Waccamaw, NC 28450	910-646-3700	<a href="mailto:lwtownmanager@embarqmail.com">lwtownmanager@embarqmail.com</a>
Columbus Municipal Alt. 2	2019-2020	Sean Martin	Whiteville Economic Development			<a href="mailto:smartin@ci.whiteville.nc.us">smartin@ci.whiteville.nc.us</a>
Pender County		Sam Shore	Long Range Planner	805 S. Walker St. Burgaw, NC 28425	910-259-1274	<a href="mailto:sshore@pendercountync.gov">sshore@pendercountync.gov</a>
Pender County Alt.		Travis Henley	Senior Planner & Interim Director	805 S. Walker St. Burgaw, NC 28425	910-259-2110	<a href="mailto:thenley@pendercountync.gov">thenley@pendercountync.gov</a>
Pender Municipal 1	2018-2019	Michael Rose	Topsail Beach Town Manager	820 S Anderson Blvd. Topsail Beach, NC 28445	910-328-5841	<a href="mailto:townmanager@topsailbeach.org">townmanager@topsailbeach.org</a>
Pender Municipal Alt. 1		VACANT				
Pender Municipal 2	2019-2020	Andrea Correll	Town of Burgaw Planning Director	109 N Walker Street Burgaw, NC 28425	910-663-3451	<a href="mailto:acorrell@burgawnc.gov">acorrell@burgawnc.gov</a>
Pender Municipal Alt. 2		VACANT				



SEAT (TERM)	TERM	NAME	POSITION	MAILING ADDRESS	TELEPHONE	EMAIL
NCDOT Division 3		Chad Kimes	Division Engineer	5501 Barbados Blvd. Castle Hayne, NC 28429	910-341-2000	<a href="mailto:ckimes@ncdot.gov">ckimes@ncdot.gov</a>
NCDOT Division 3 Alt.		Caitlin Marks	Div. Plan. Engineer	5502 Barbados Blvd. Castle Hayne, NC 28429	910-341-2000	<a href="mailto:cmmarks@ncdot.gov">cmmarks@ncdot.gov</a>
NCDOT Division 6		Greg Burns	Division Engineer	559 Gillespie St. Fayetteville, NC 28301	910-364-0600	<a href="mailto:gburns@ncdot.gov">gburns@ncdot.gov</a>
NCDOT Division 6 Alt.		Darius Sturdivant	Div. Plan. Engineer	558 Gillespie St. Fayetteville, NC 28301	910-364-0600	<a href="mailto:ddsturdivant@ncdot.gov">ddsturdivant@ncdot.gov</a>
NCDOT Transp. Planning		Nazia Sarder	RPO Coordinator	1554 Mail Service Center Raleigh, NC 27699-1554	919-707-0924	<a href="mailto:nsarder@ncdot.gov">nsarder@ncdot.gov</a>
NCDOT Transp. Planning Alt.		Behshad Norowzi	Planning Team Supervisor	1555 Mail Service Center Raleigh, NC 27699-1554	919-707-0941	<a href="mailto:bnorowzi@ncdot.gov">bnorowzi@ncdot.gov</a>
MOTSU		Malcolm Charles	Installation Manager	6280 Sunny Point Rd SE Southport, NC 28461	910-457-8000	<a href="mailto:malcolm.e.charles.civ@mail.mil">malcolm.e.charles.civ@mail.mil</a>
MOTSU Alt.		VACANT				
Wilmington MPO		Abby Lorenzo	Sr. Transp. Planner	PO Box 1810 Wilmington, NC 28402	910-341-7890	<a href="mailto:Abigail.Lorenzo@wilmingtonnc.gov">Abigail.Lorenzo@wilmingtonnc.gov</a>
WMPO Alt.		Rachel McIntyre	Assoc. Transp. Planner	PO Box 1810 Wilmington, NC 28402	910-341-3234	<a href="mailto:rachel.mcintyre@wilmingtonnc.gov">rachel.mcintyre@wilmingtonnc.gov</a>
GSATS MPO		Mark Hoeweler	Exec. Director	1230 Highmarket Street Georgetown, SC 29440	843-436-6130	<a href="mailto:mhoeweler@wrcog.org">mhoeweler@wrcog.org</a>
GSATS Alt.		Dan Newquist	Transportation and Environmental Programs	1231 Highmarket Street Georgetown, SC 29440	843-436-6131	<a href="mailto:dnewquist@wrcog.org">dnewquist@wrcog.org</a>
Brunswick Transit System		Yvonne Hatcher	Exec. Director	PO Box 113 Leland, NC 28451	910-253-7800	<a href="mailto:yhatcher@brunswicktransit.org">yhatcher@brunswicktransit.org</a>
Columbus County Transportation System		Joy Jacobs	Director	290 Legion Dr. Whiteville, NC 28472	910-641-3929	<a href="mailto:joy.jacobs@columbusco.org">joy.jacobs@columbusco.org</a>
Pender Adult Services Transportation		Jim Longenbach	Transportation Director	P. O. Box 1251 Burgaw, NC 28425	910-259-9119;321	<a href="mailto:jlongenbach@penderpas.com">jlongenbach@penderpas.com</a>
NC State Ports Authority		Stephanie Ayers	Director of Planning & Development	2202 Burnett Blvd. Wilmington, NC 28402	910-251-7073	<a href="mailto:Stephanie_ayers@ncports.com">Stephanie_ayers@ncports.com</a>
Cape Fear RPO		Patrick Flanagan	Regional Planner	1480 Harbour Dr. Wilmington, NC 28401	910-746-8758	<a href="mailto:pflanagan@capefearcog.org">pflanagan@capefearcog.org</a>
Cape Fear COG		Allen Serkin	Exec. Director	1480 Harbour Dr. Wilmington, NC 28401	910-274-0341	<a href="mailto:aserkin@capefearcog.org">aserkin@capefearcog.org</a>
Cape Fear COG Alt.		Wes MacLeod	Planning Director	1481 Harbour Dr. Wilmington, NC 28401	910-274-0352	<a href="mailto:wmacleod@capefearcog.org">wmacleod@capefearcog.org</a>





**Columbus  
County**  
North Carolina

**Comprehensive  
Transportation Plan**

**DRAFT**

Plan date: 8/1/19

- Sheet 1 **Adoption Sheet**
- Sheet 2 **Highway Map**
- Sheet 3 **Public Transportation and Rail Map**
- Sheet 4 **Bicycle Map**
- Sheet 5 **Pedestrian Map**

**Legend**

- Schools
- Airports
- Railroads
- Rivers and Streams
- Roads
- Parks and Game Land
- Water Bodies
- County Boundary
- Municipal Boundaries

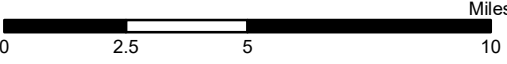


Figure 1 - Sheet 1 of 5  
Base map date: August 2019  
Refer to CTP document for more details

**Adopted by:**

**Columbus County**

**Date:**

**Chadbourn**

**Date:**

**NCDOT**

**Date:**

**Fair Bluff**

**Date:**

**Boardman**

**Date:**

**Lake Waccamaw**

**Date:**

**Bolton**

**Date:**

**Sandyfield**

**Date:**

**Brunswick**

**Date:**

**Tabor City**

**Date:**

**Cerro Gordo**

**Date:**

**Whiteville**

**Date:**

**Endorsed by:**

**Cape Fear RPO**

**Date:**

**Recommended by:**

**Transportation Planning Division**




**Date:**






## North Carolina

**DRAFT**



**Freeways**

	Existing
	Needs Improvement
	Recommended

**Expressways**

	Existing
	Needs Improvement
	Recommended

**Boulevards**

	Existing
	Needs Improvement
	Recommended

Other Major Thoroughfares

Existing

Needs Improvement






Recommended

Minor Thoroughfares

———— Existing

— · — · — · Needs Improvement

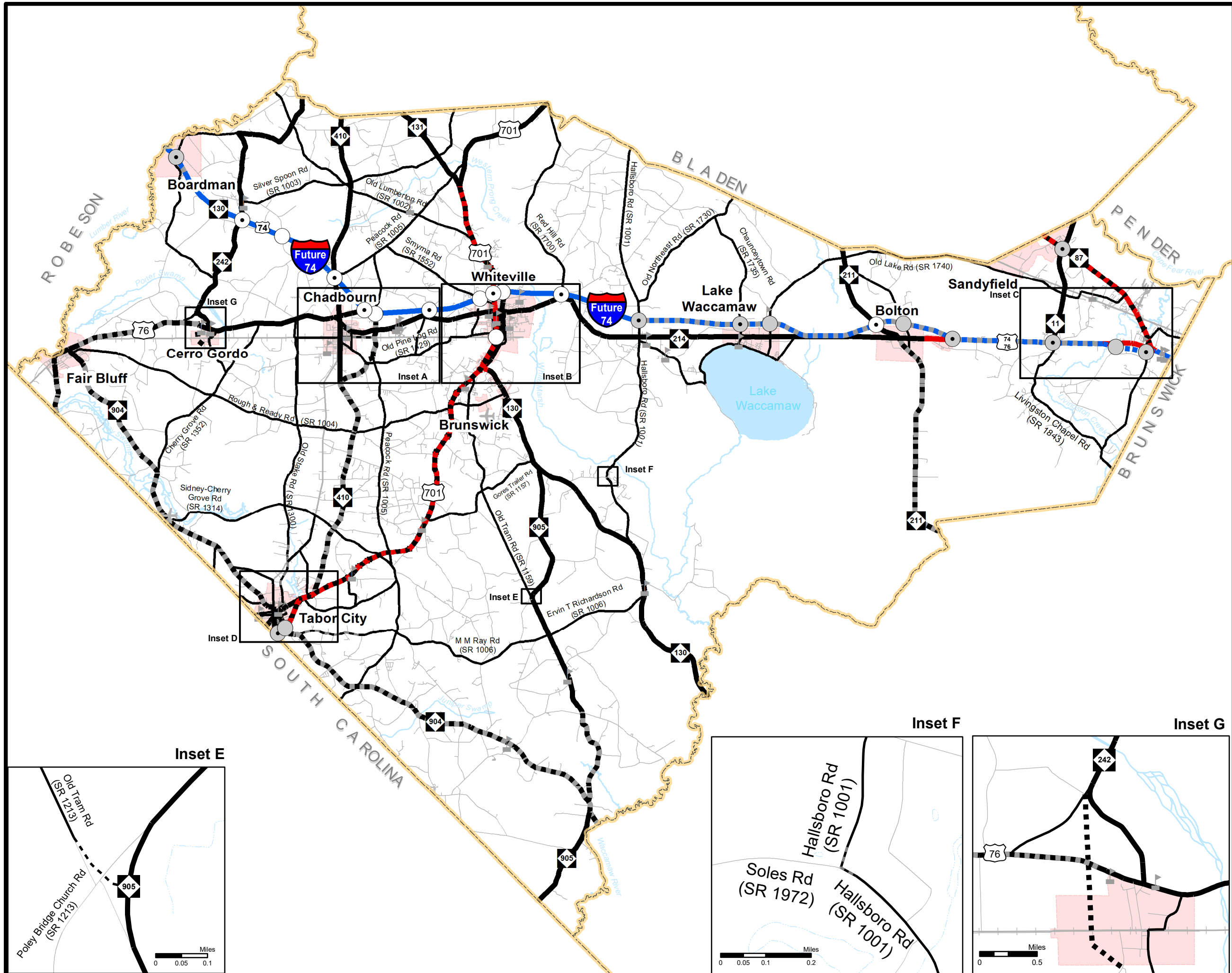
----- Recommended

-  Existing Interchange
-  Proposed Interchange
-  Interchange Needs Improvement
-  Existing Grade Separation
-  Proposed Grade Separation

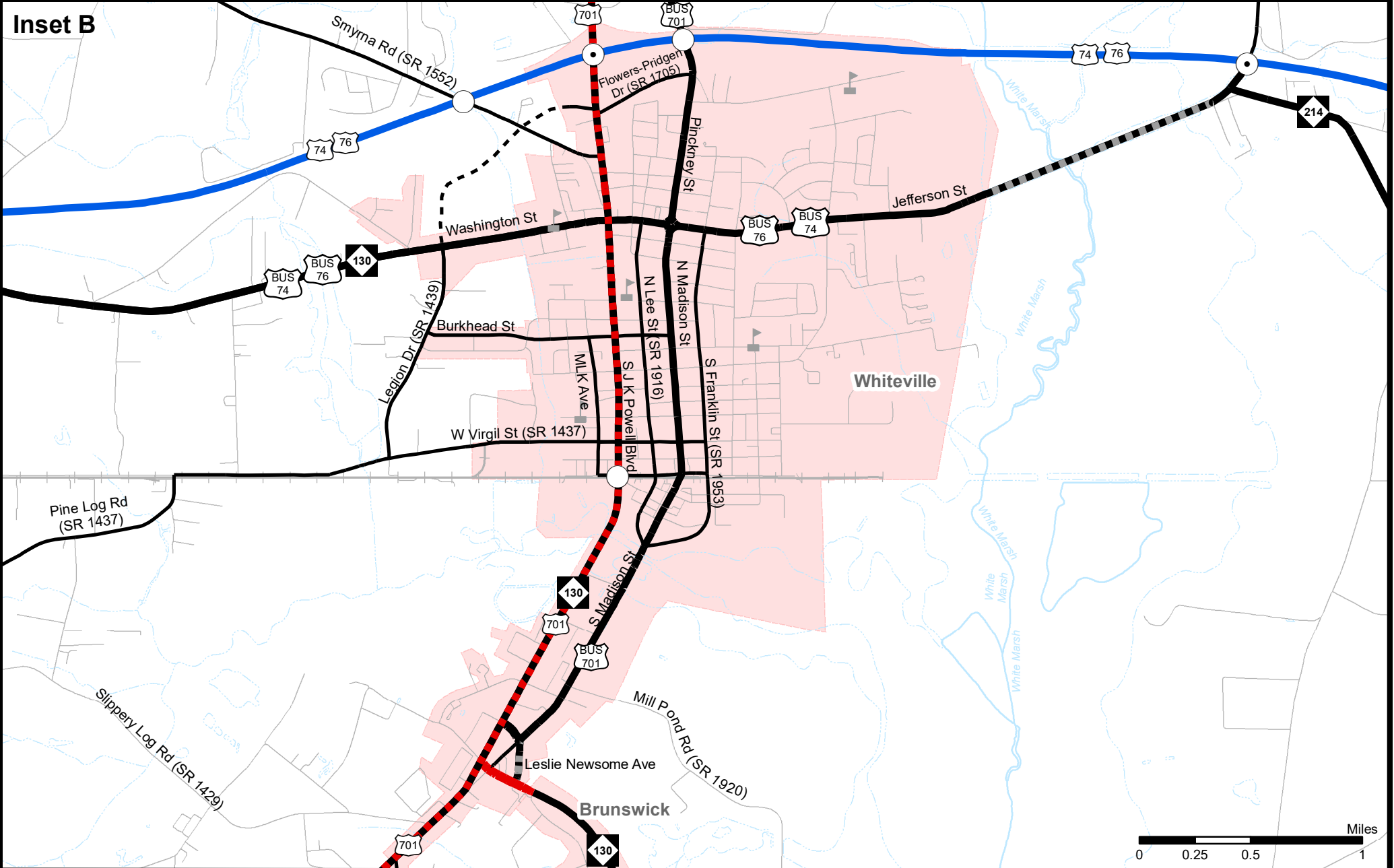
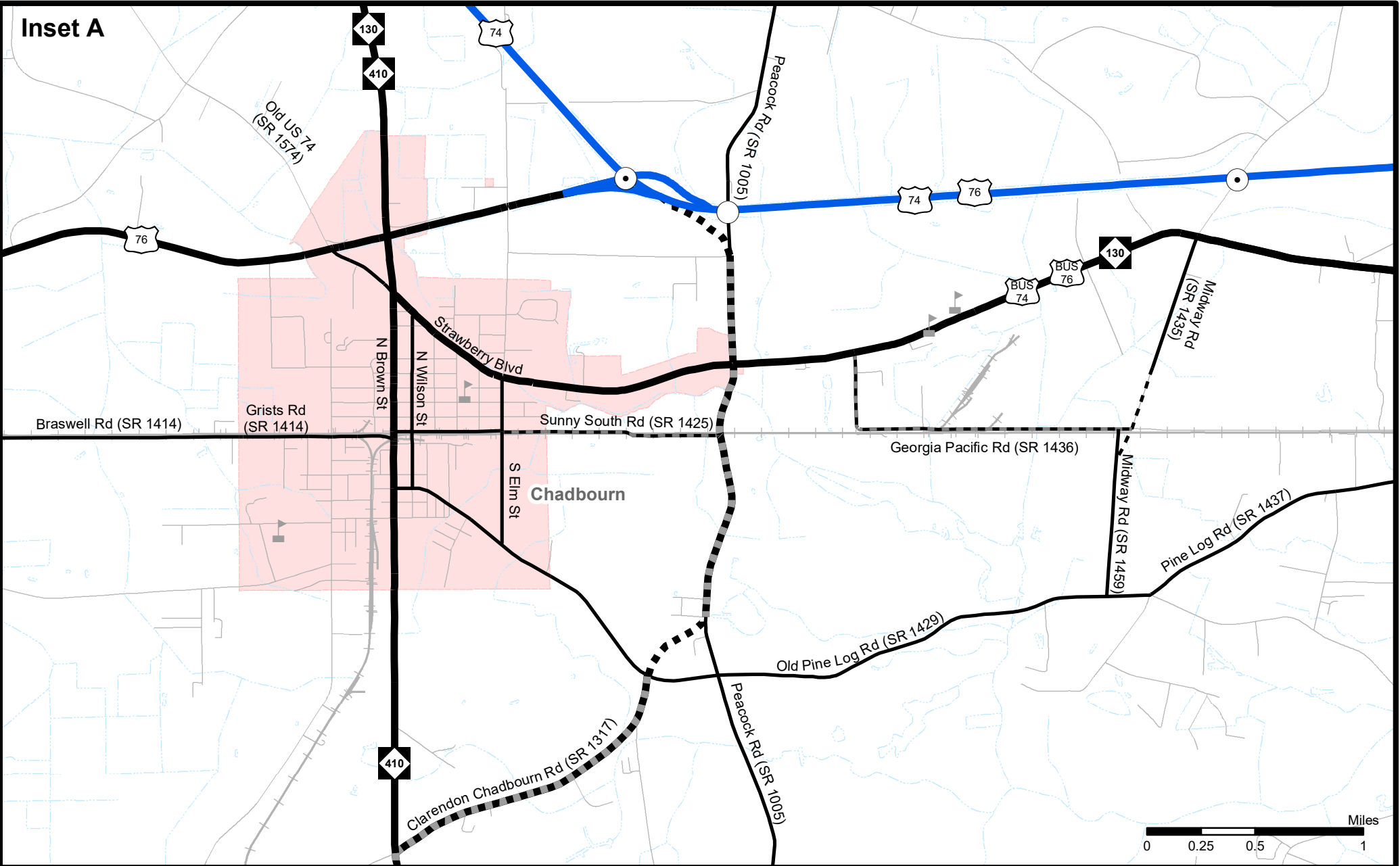


A number line from 0 to 10 with a midpoint at 5. A bracket above the line from 0 to 5 is labeled 'S'.

Figure 1 - Sheet 2 of 5  
Base map date: August 2019  
Refer to CTP document for more details







<b>Freeways</b> Existing Needs Improvement Recommended	<b>Other Major Thoroughfares</b> Existing Needs Improvement Recommended
<b>Expressways</b> Existing Needs Improvement Recommended	<b>Minor Thoroughfares</b> Existing Needs Improvement Recommended
<b>Boulevards</b> Existing Needs Improvement Recommended	Existing Interchange Proposed Interchange Interchange Needs Improvement Existing Grade Separation Proposed Grade Separation

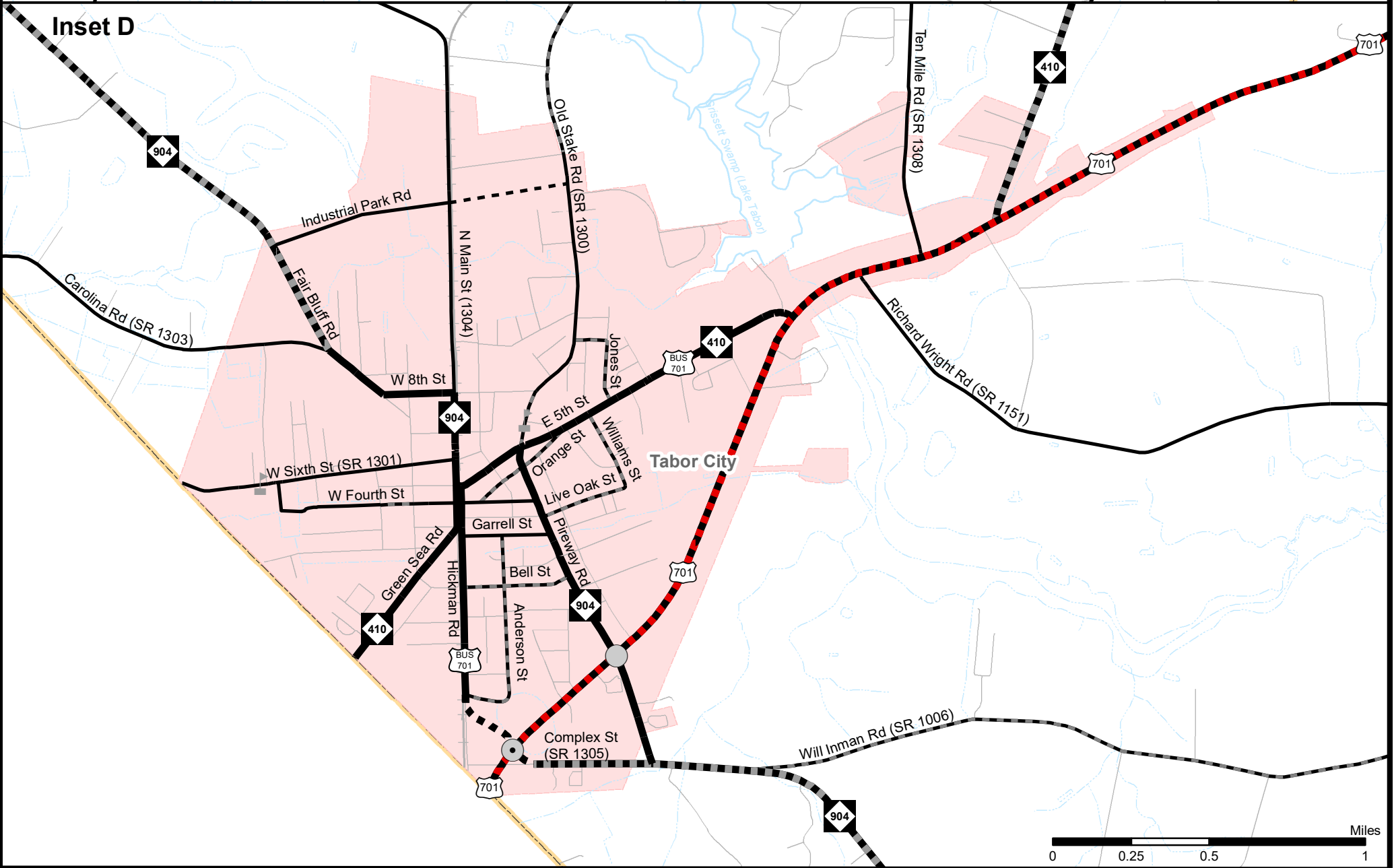
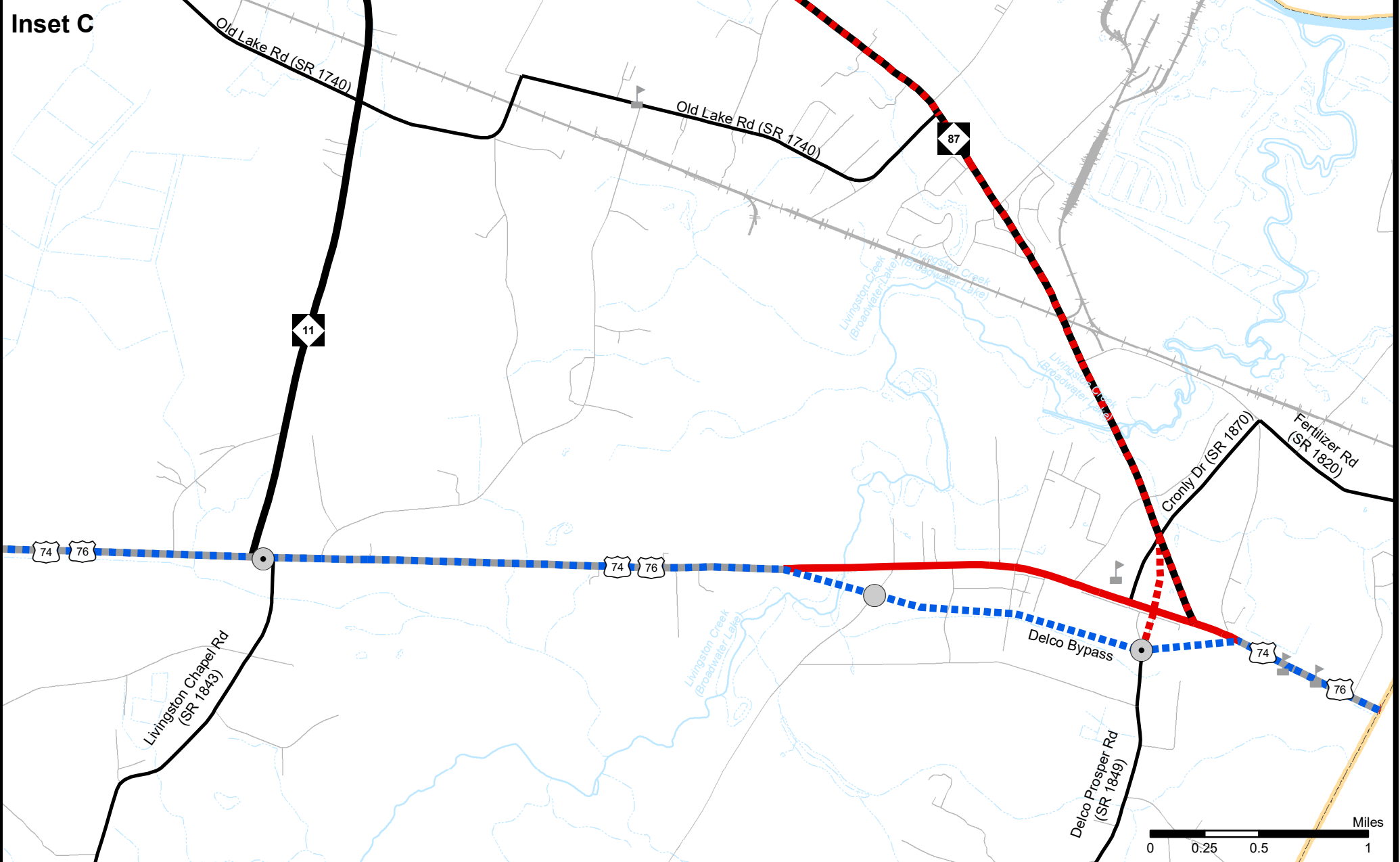
Figure 1 - Sheet 2A of 5

Base map date: August 2019  
Refer to CTP document for more details

**Highway Map  
Insets A & B**

**Columbus County**  
North Carolina  
**DRAFT**  
**Comprehensive  
Transportation Plan**  
Plan date: 8/1/19





<p><b>Freeways</b></p> <ul style="list-style-type: none"> <li>Existing: Solid blue line</li> <li>Needs Improvement: Blue line with white dashes</li> <li>Recommended: Dashed blue line</li> </ul> <p><b>Expressways</b></p> <ul style="list-style-type: none"> <li>Existing: Solid green line</li> <li>Needs Improvement: Green line with white dashes</li> <li>Recommended: Dashed green line</li> </ul> <p><b>Boulevards</b></p> <ul style="list-style-type: none"> <li>Existing: Solid red line</li> <li>Needs Improvement: Red line with white dashes</li> <li>Recommended: Dashed red line</li> </ul>	<p><b>Other Major Thoroughfares</b></p> <ul style="list-style-type: none"> <li>Existing: Solid black line</li> <li>Needs Improvement: Black line with white dashes</li> <li>Recommended: Dashed black line</li> </ul> <p><b>Minor Thoroughfares</b></p> <ul style="list-style-type: none"> <li>Existing: Solid thin black line</li> <li>Needs Improvement: Dashed thin black line</li> <li>Recommended: Dotted thin black line</li> </ul> <p><b>Interchanges and Grade Separations</b></p> <ul style="list-style-type: none"> <li>Existing Interchange: Circle with a dot</li> <li>Proposed Interchange: Circle with a dot and a larger circle around it</li> <li>Interchange Needs Improvement: Circle with a dot and a larger circle around it, with a dashed border</li> <li>Existing Grade Separation: Open circle</li> <li>Proposed Grade Separation: Circle with a dot</li> </ul>	<p>Figure 1 - Sheet 2B of 5</p> <p>Base map date: August 2019 Refer to CTP document for more details</p>	<p><b>Highway Map Inset C &amp; D</b></p> <p><b>Columbus County</b> North Carolina</p> <p><b>DRAFT</b></p> <p><b>Comprehensive Transportation Plan</b></p> <p>Plan date: 8/1/19</p>
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# Public Transportation and Rail Map



## Columbus County

North Carolina

**DRAFT**

### Comprehensive Transportation Plan

Plan date: 8/1/19

#### Bus Routes

- Existing
- Needs Improvement
- Recommended

#### Fixed Guideway

- Existing
- Needs Improvement
- Recommended

#### Regional Bus

- Existing
- Needs Improvement
- Recommended

#### Rail Corridor

- Active
- Inactive
- Recommended

#### Multimodal Connector

- Existing
- Recommended

#### Facility

- Proposed Train Depot Building
- Industrial Sites
- Existing Grade Separation
- Proposed Grade Separation

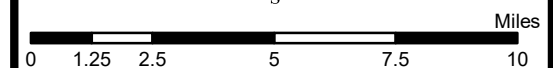
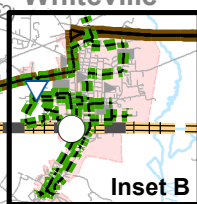
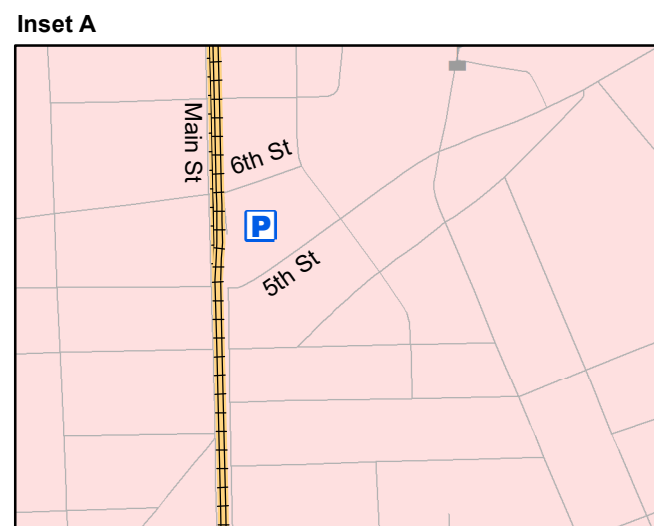
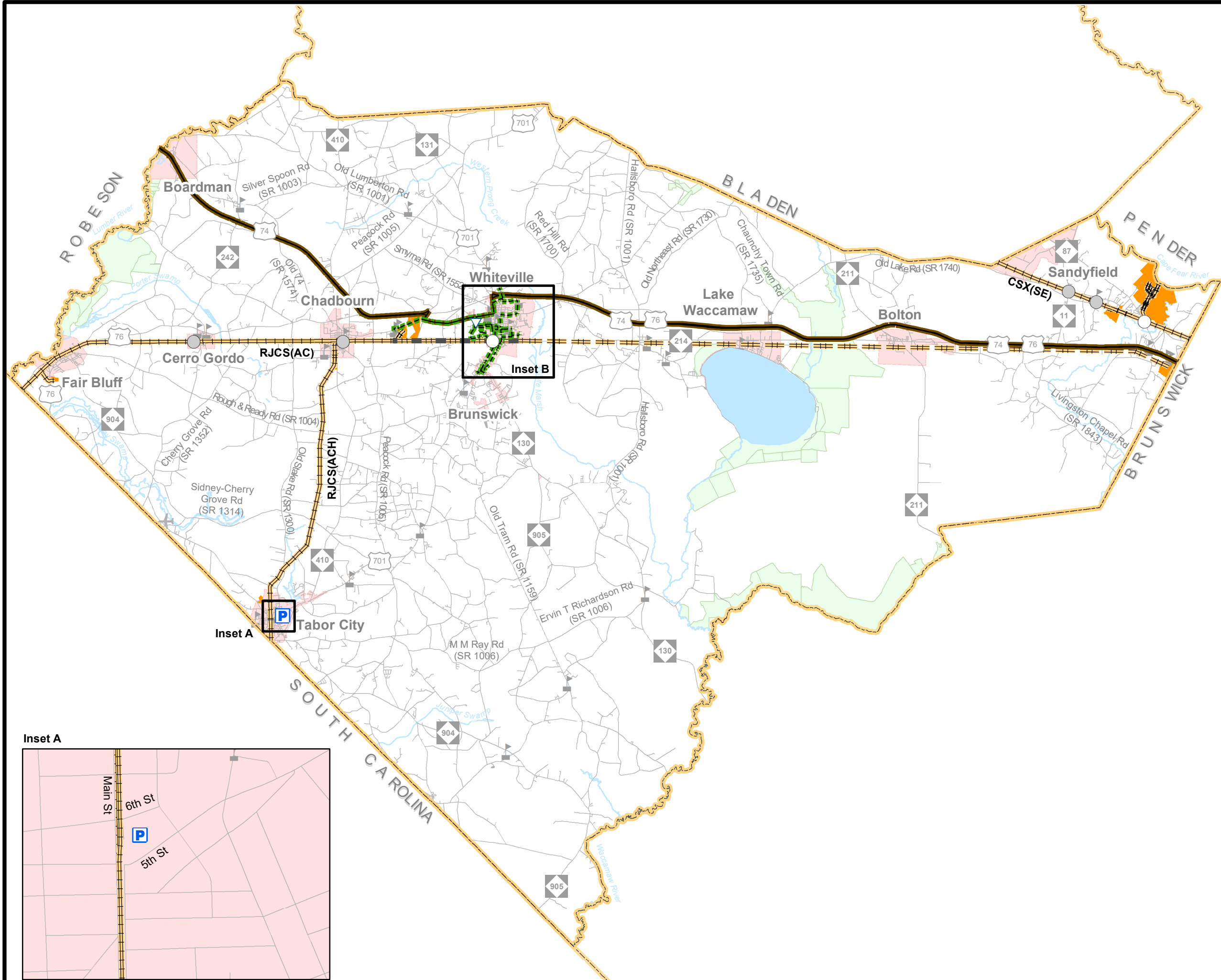
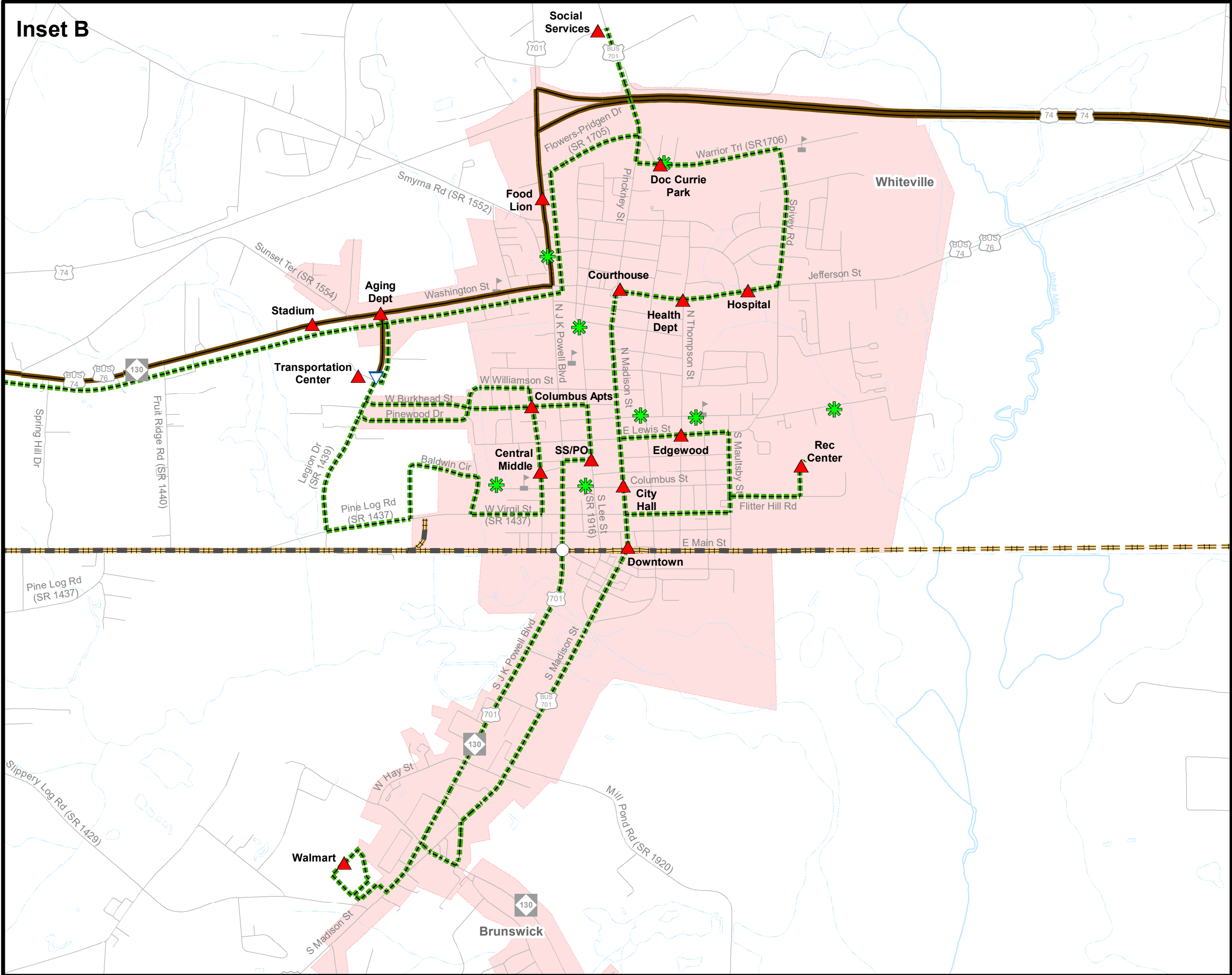


Figure 1 - Sheet 3 of 5  
Base map date: August 2019  
Refer to CTP document for more details





**Inset B**



**Public Transportation  
and Rail Map Inset B**



**Columbus  
County**  
North Carolina  
**DRAFT**  
**Comprehensive  
Transportation Plan**  
Plan date: 8/1/2019

- Bus Routes**
- Existing
  - Needs Improvement
  - Recommended
- Fixed Guideway**
- Existing
  - Needs Improvement
  - Recommended
- Regional Bus**
- Existing
  - Needs Improvement
  - Recommended
- Rail Corridor**
- Active
  - Inactive
  - Recommended
- Multimodal Connector**
- Existing
  - Recommended
- Potential Bus Stops**
- Potential Bus Stops
- Parks and Recreation**
- Parks and Recreation
- Existing Grade Separation**
- Existing Grade Separation
- Proposed Grade Separation**
- Proposed Grade Separation

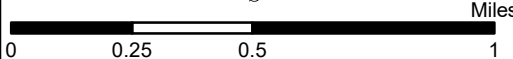
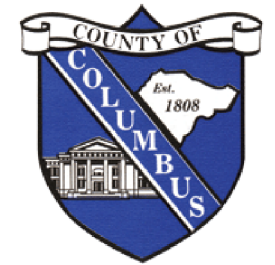


Figure 1 - Sheet 3A of 5  
Base map date: August 2019  
Refer to CTP document for more details



# Bicycle Map



## Columbus County

North Carolina

### Comprehensive Transportation Plan

Plan date: 8/1/2019

**DRAFT**

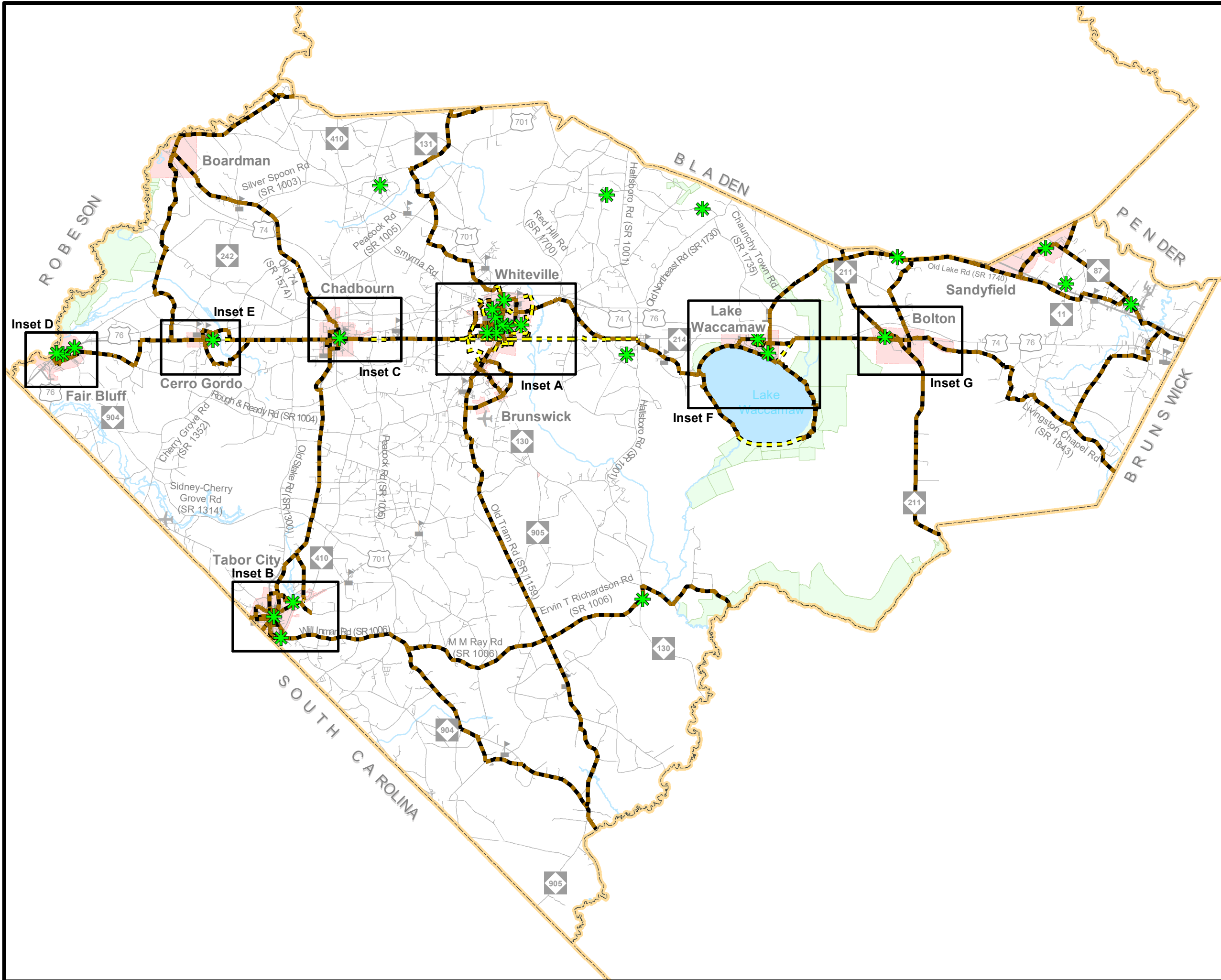
- On-road
  - Existing
  - Needs Improvement
  - Recommended
- Off-road
  - Existing
  - Needs Improvement
  - Recommended
- Multi-Use Paths
  - Existing
  - Needs Improvement
  - Recommended
- Existing Grade Separation
- Proposed Grade Separation
- Parks and Recreation



Figure 1 - Sheet 4 of 5

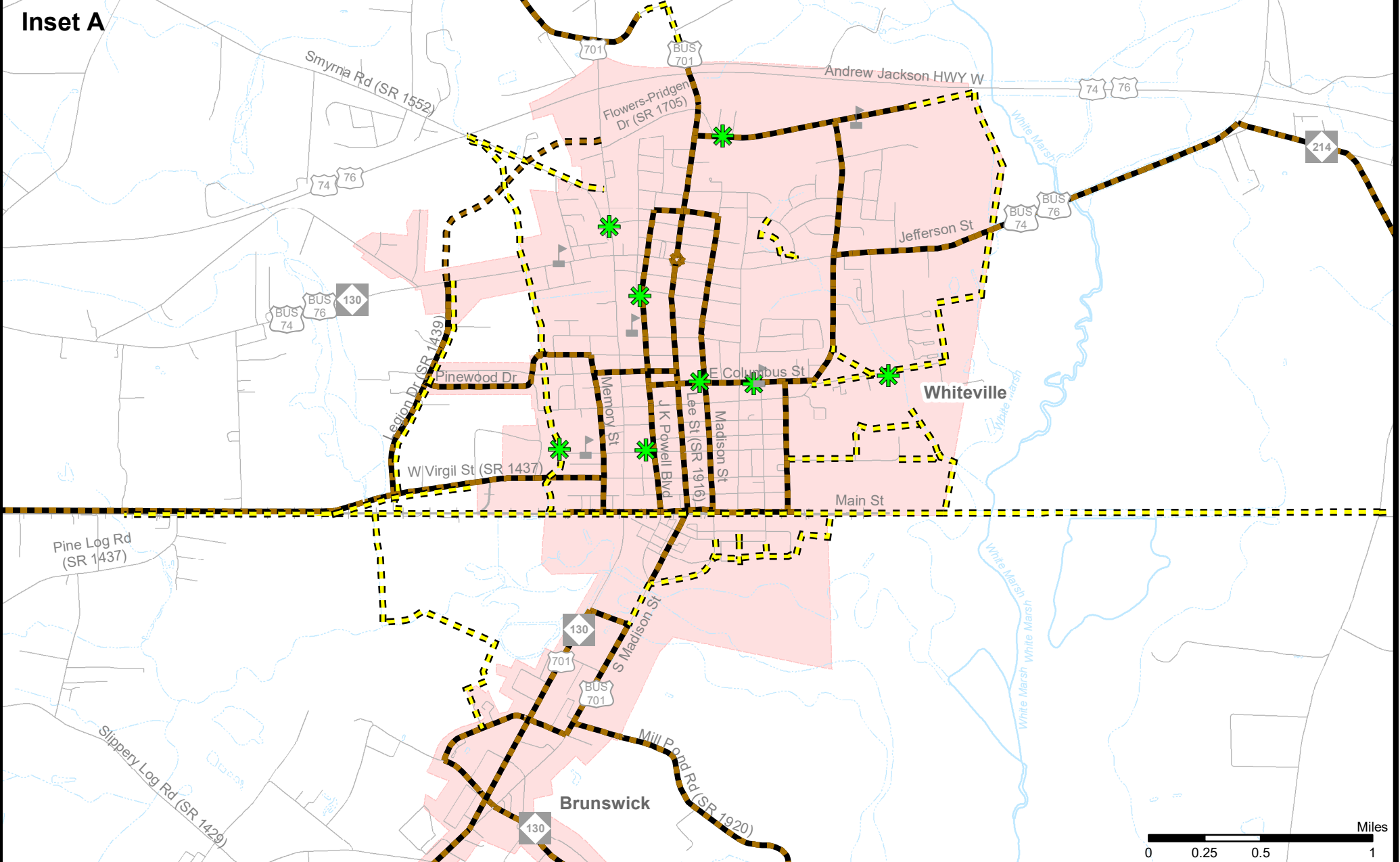
Base map date: August 2019

Refer to CTP document for more details

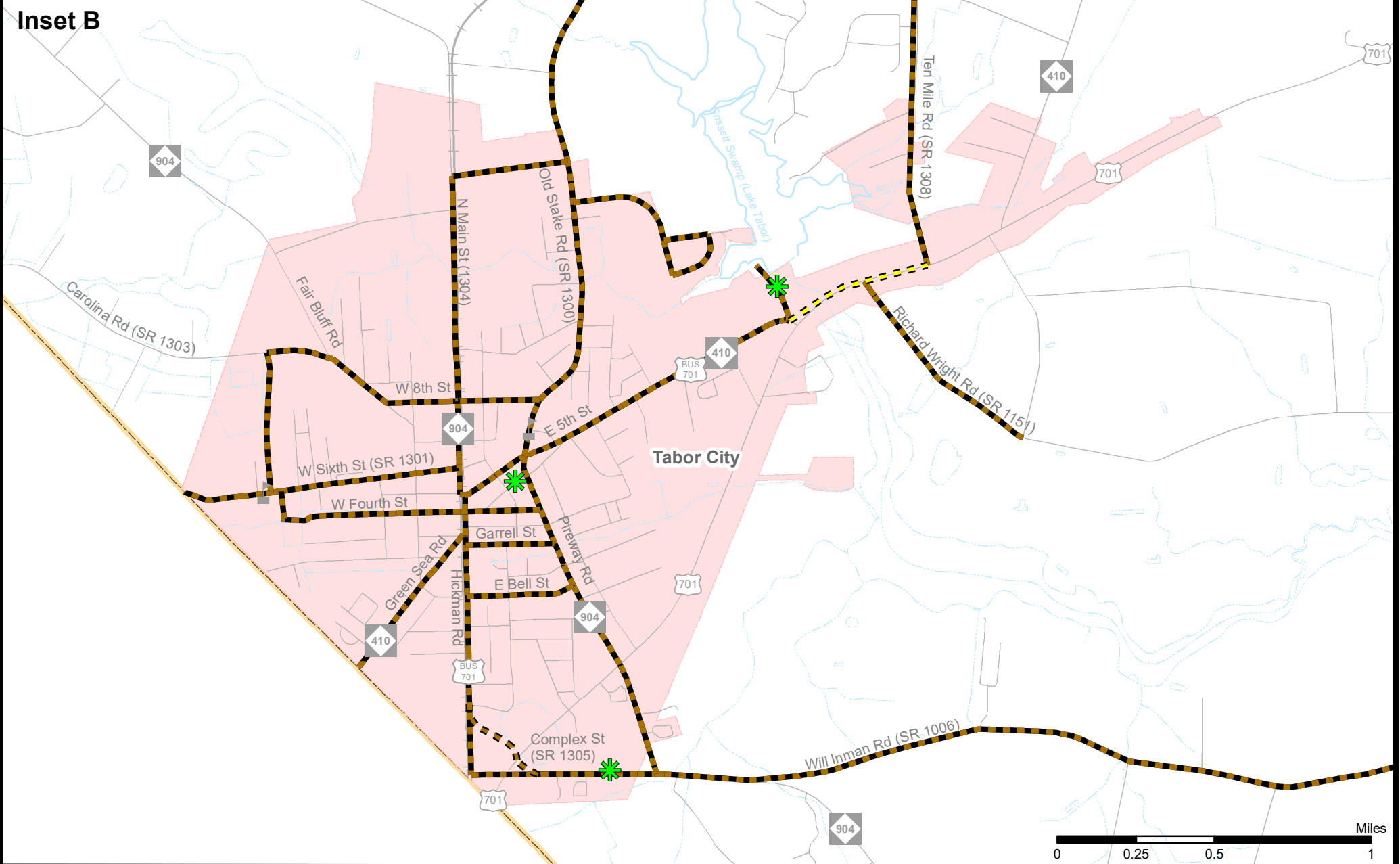




Inset A



Inset B



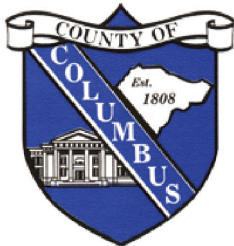
- |                   |                           |
|-------------------|---------------------------|
| <b>On-road</b>    | <b>Multi-Use Paths</b>    |
| Existing          | Existing                  |
| Needs Improvement | Needs Improvement         |
| Recommended       | Recommended               |
| <b>Off-road</b>   | Existing Grade Separation |
| Existing          | Proposed Grade Separation |
| Needs Improvement | Parks and Recreation      |
| Recommended       |                           |

DRAFT



Figure 1 - Sheet 4A of 5  
Base map date: August 2019  
Refer to CTP document for more details

## Bicycle Map Inset A & B



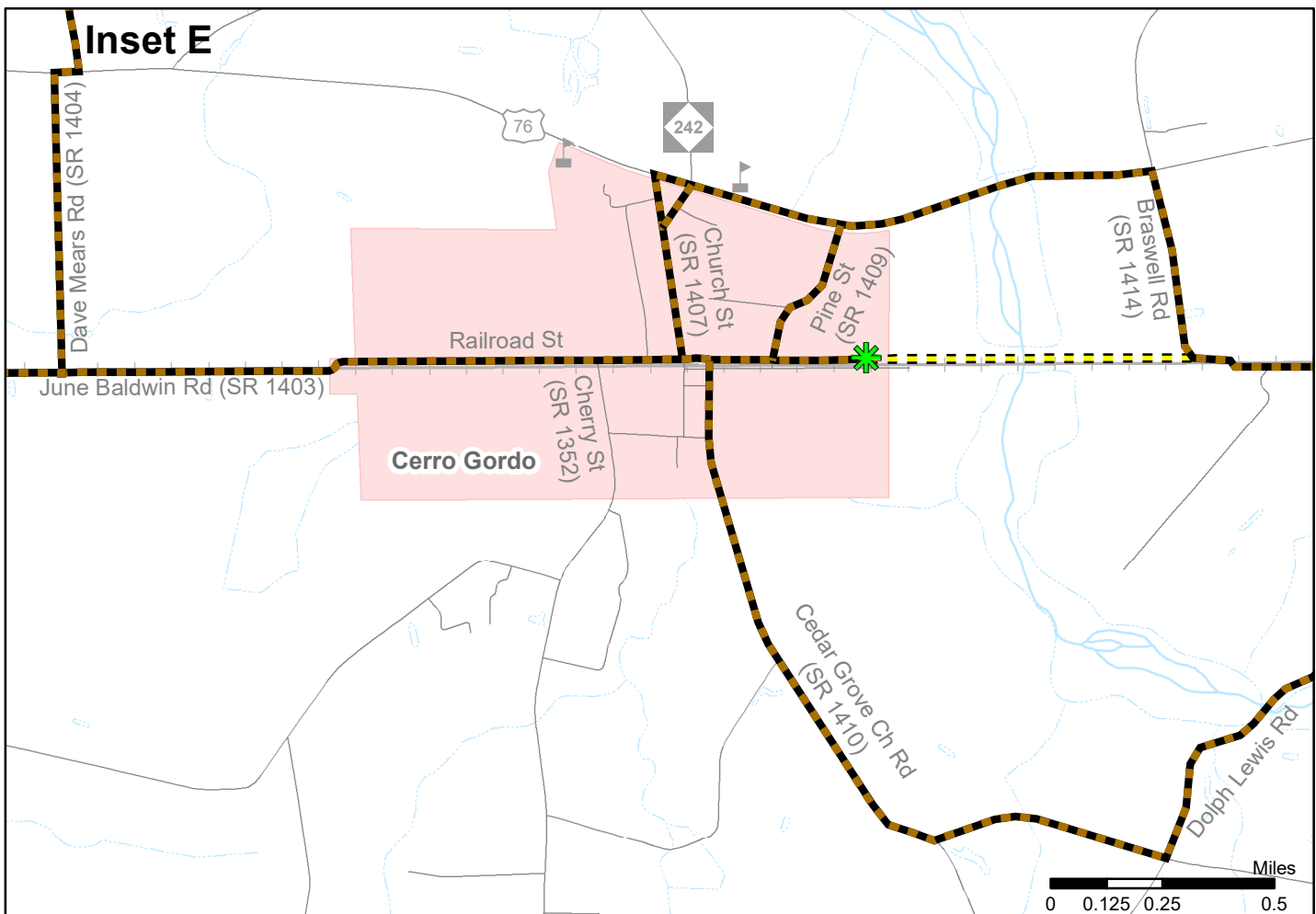
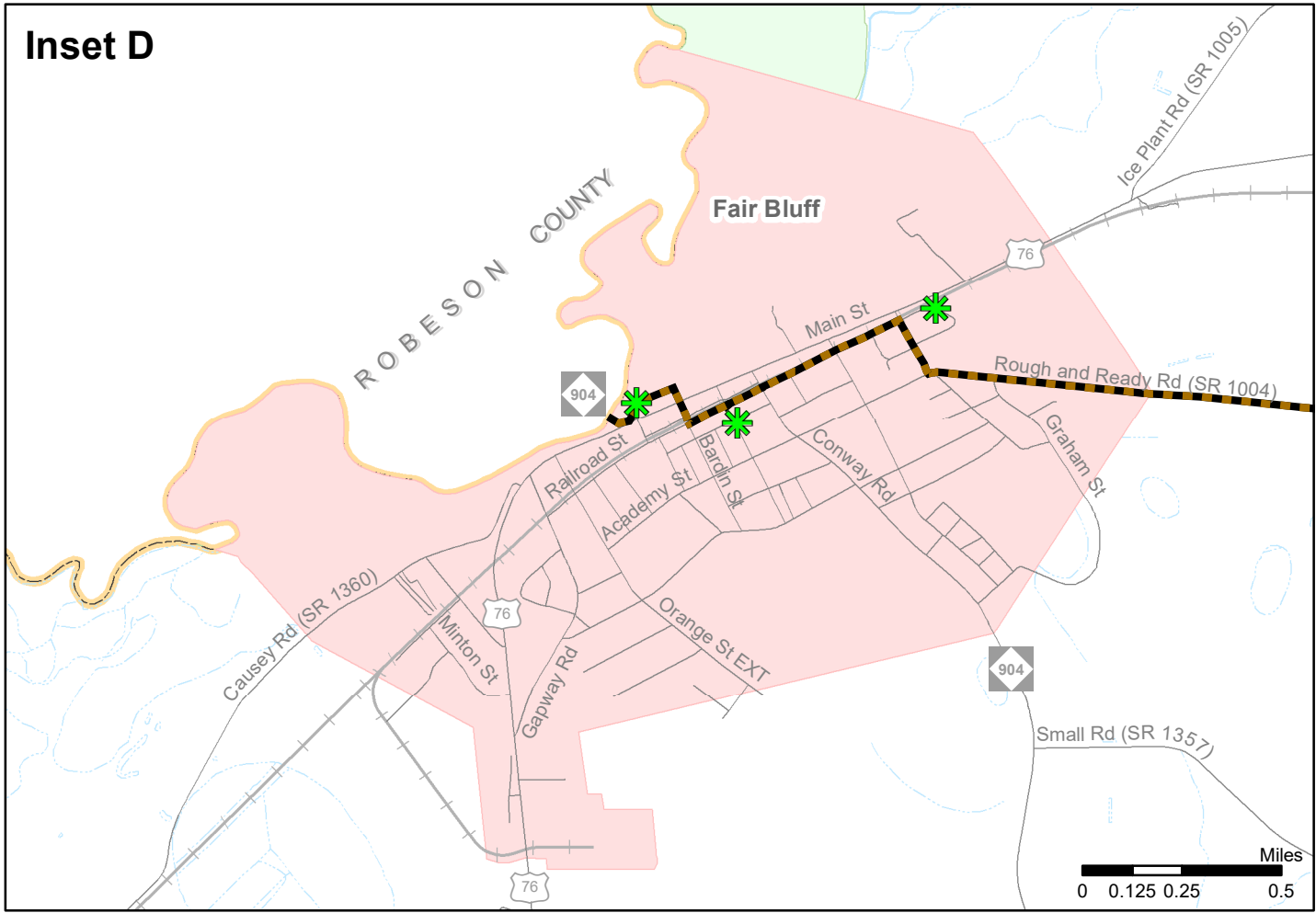
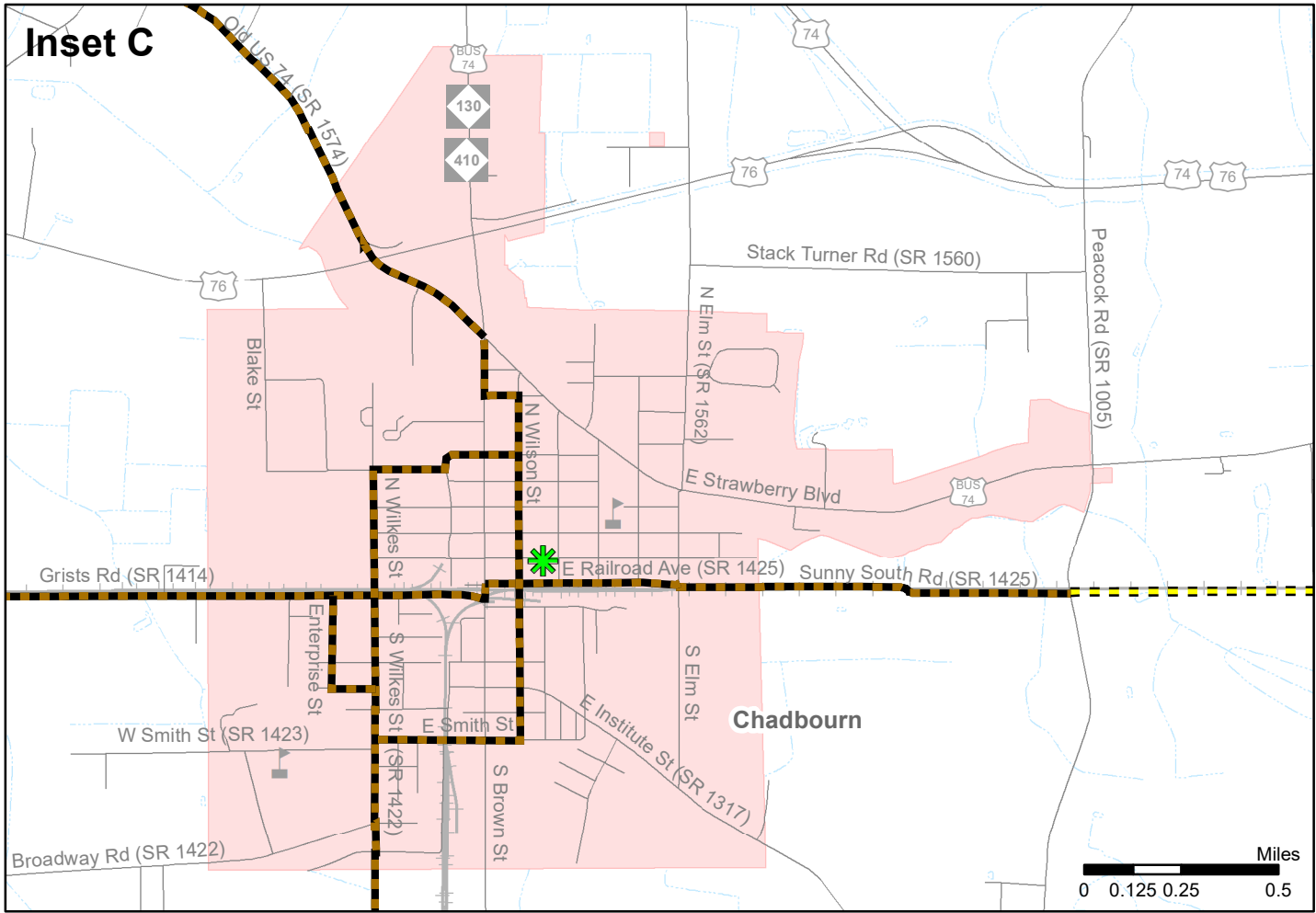
# Columbus County

North Carolina

## Comprehensive Transportation Plan

Plan date: 8/1/19





**Bicycle Map  
Inset C, D, & E**



**Columbus  
County**

North Carolina

**Comprehensive  
Transportation Plan**

Plan date: 8/1/19

**DRAFT**

**Bicycle**

- Existing
- Needs Improvement
- Recommended

**Off-road**

- Existing
- Needs Improvement
- Recommended

**Multi-Use Paths**

- Existing
- Needs Improvement
- Recommended

- Existing Grade Separation
- Proposed Grade Separation
- Parks and Recreation





Bicycle Map  
Inset F & G



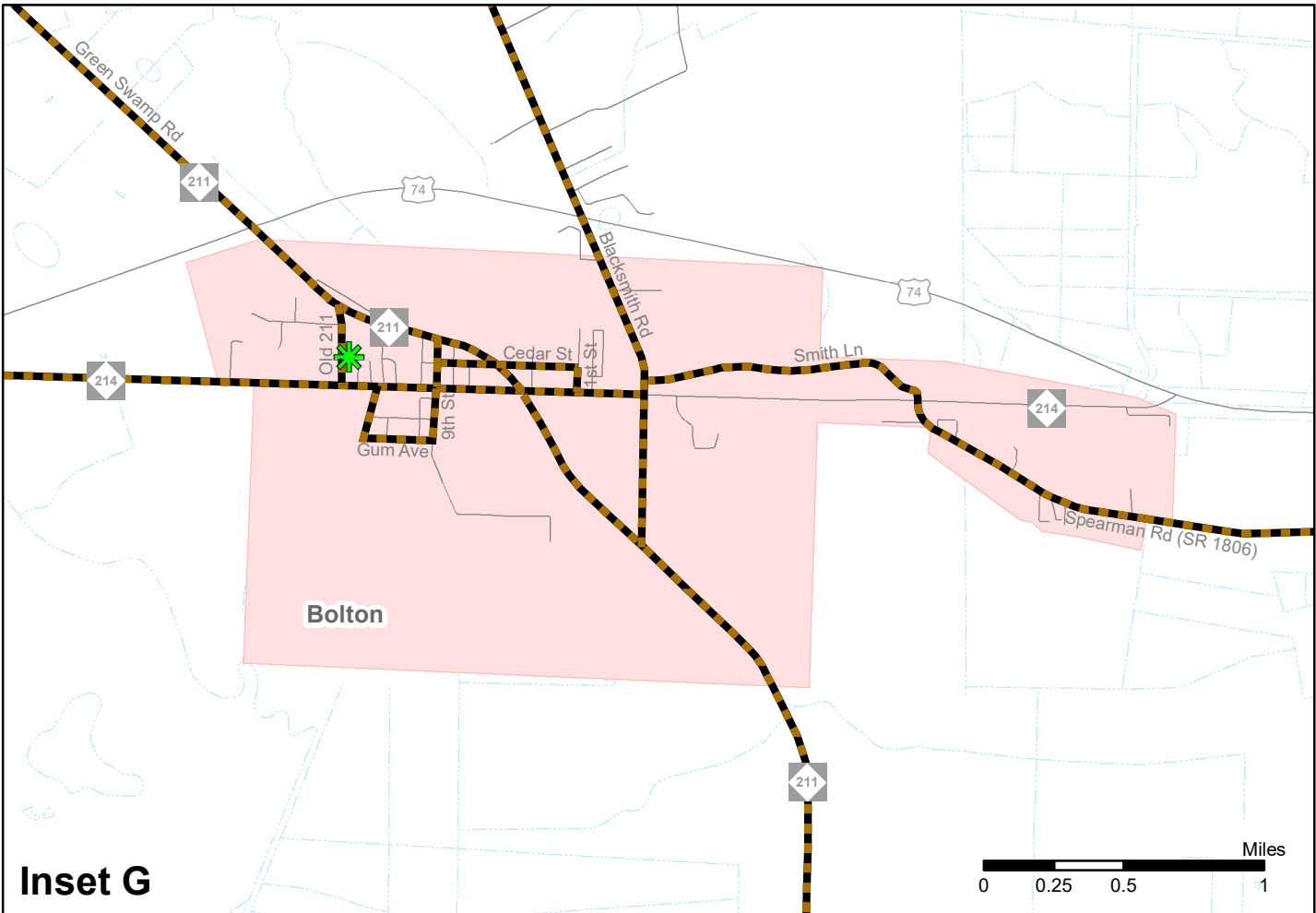
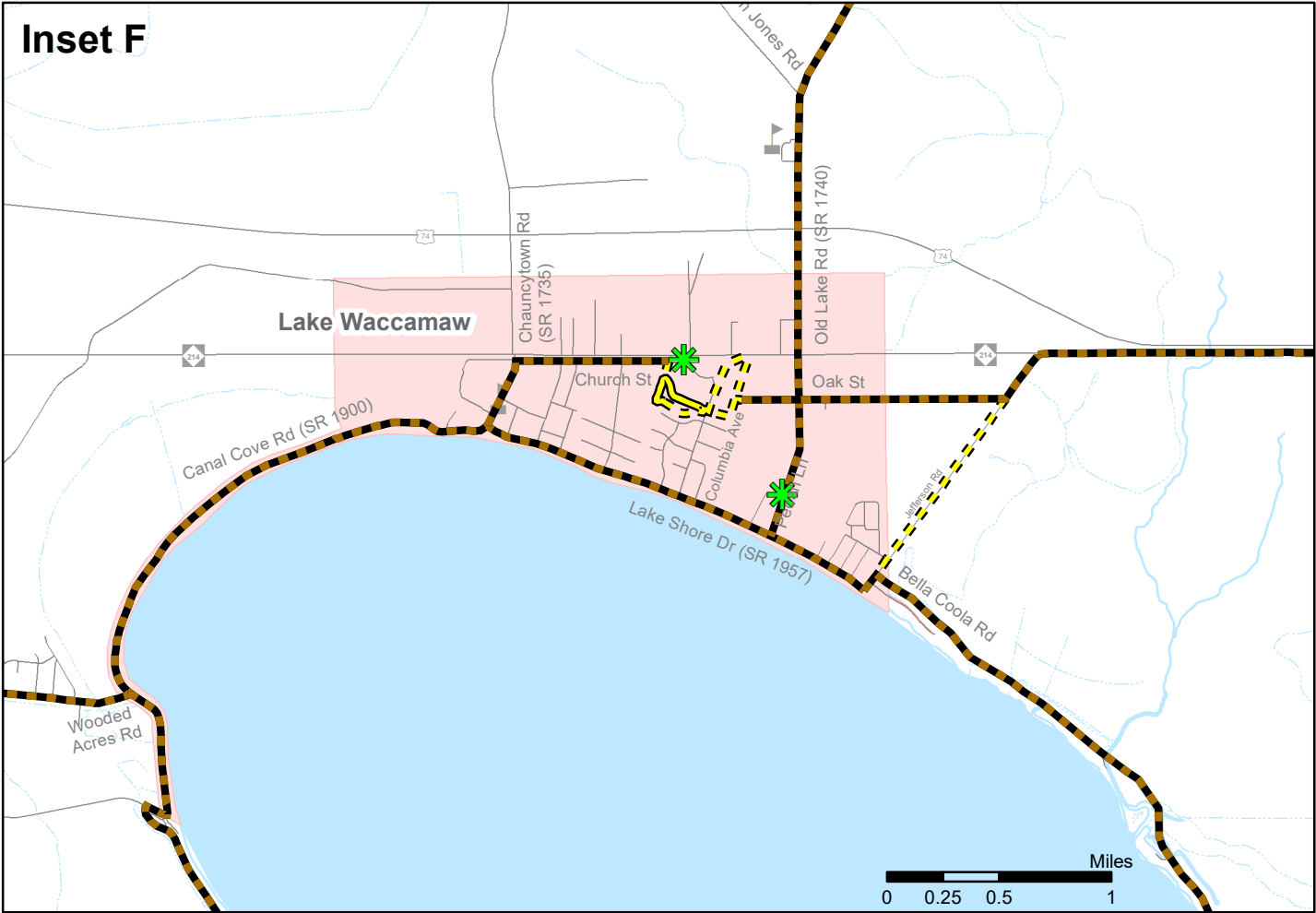
Columbus  
County

North Carolina

Comprehensive  
Transportation Plan

Plan date: 8/1/19

**DRAFT**



Bicycle

- Existing
- Needs Improvement
- Recommended

Off-road

- Existing
- Needs Improvement
- Recommended

Multi-Use Paths

- Existing
- Needs Improvement
- Recommended

- Existing Grade Separation
- Proposed Grade Separation
- Parks and Recreation








## North Carolina

## Plan date: 8/1/19

**Sidewalks**

	Existing
	Needs Improvement
	Recommended




Off-road




Existing

Needs Improvement

Recommended

### Multi-Use Paths

	Existing
	Needs Improvement
	Recommended

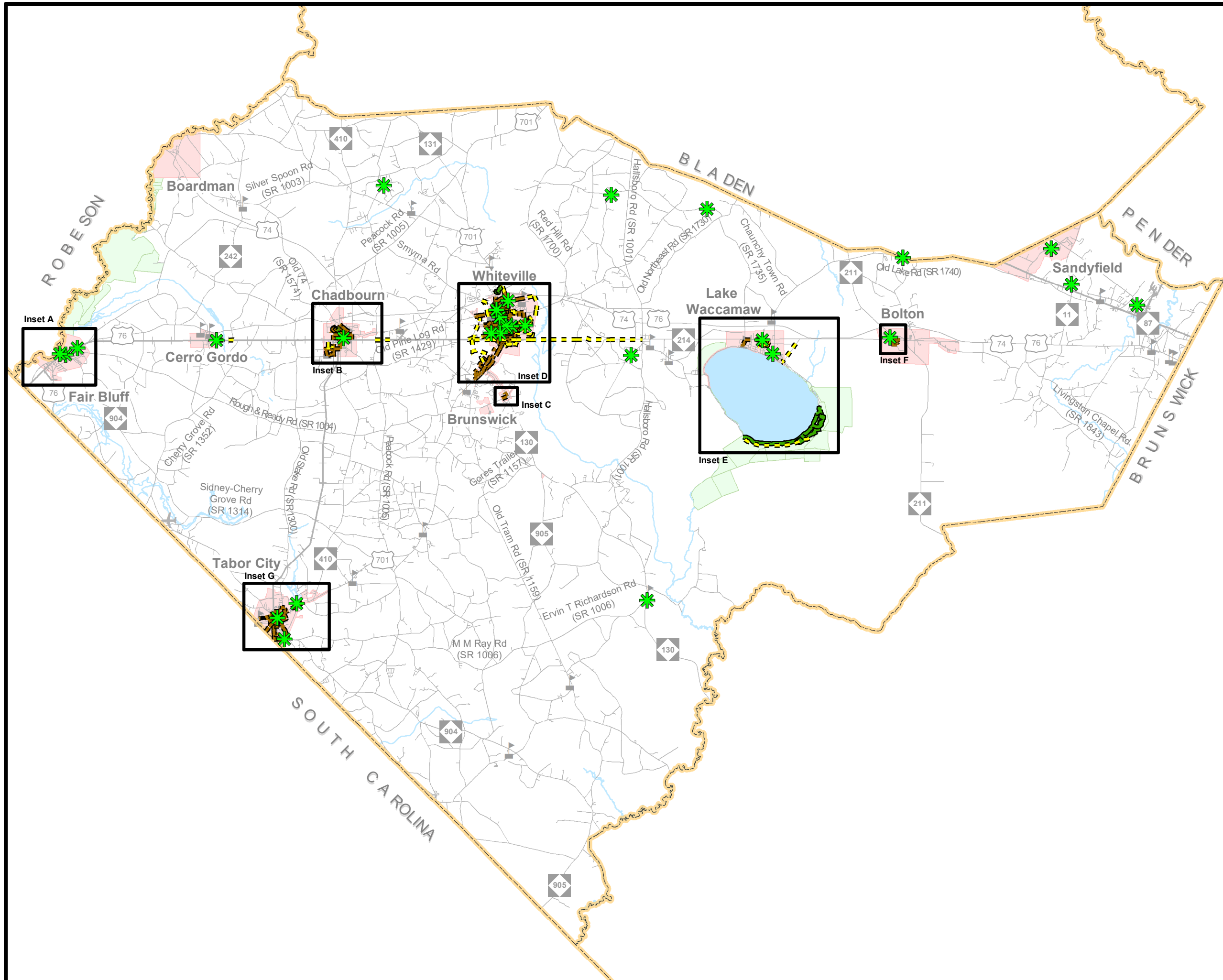
-  Existing Grade Separation
-  Proposed Grade Separation
-  Parks and Recreation



A number line is shown with tick marks at 0, 2.5, 5, and 10. The word "Miles" is written at the right end of the line. A line segment is drawn from 0 to 2.5, and another line segment is drawn from 2.5 to 5.

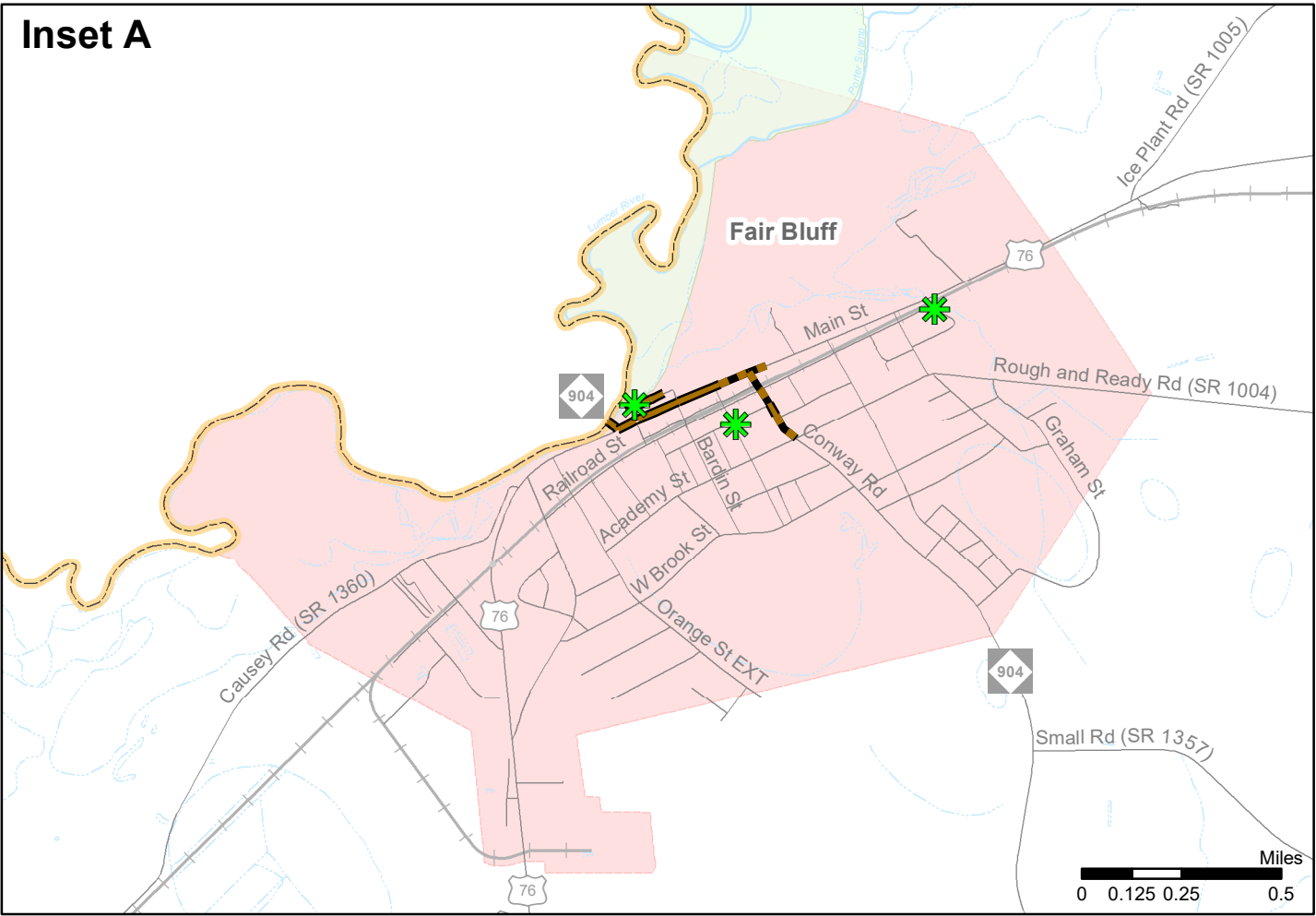
Sheet 5 of 5

*Base map date: August 2019*  
Refer to CTP document for more details

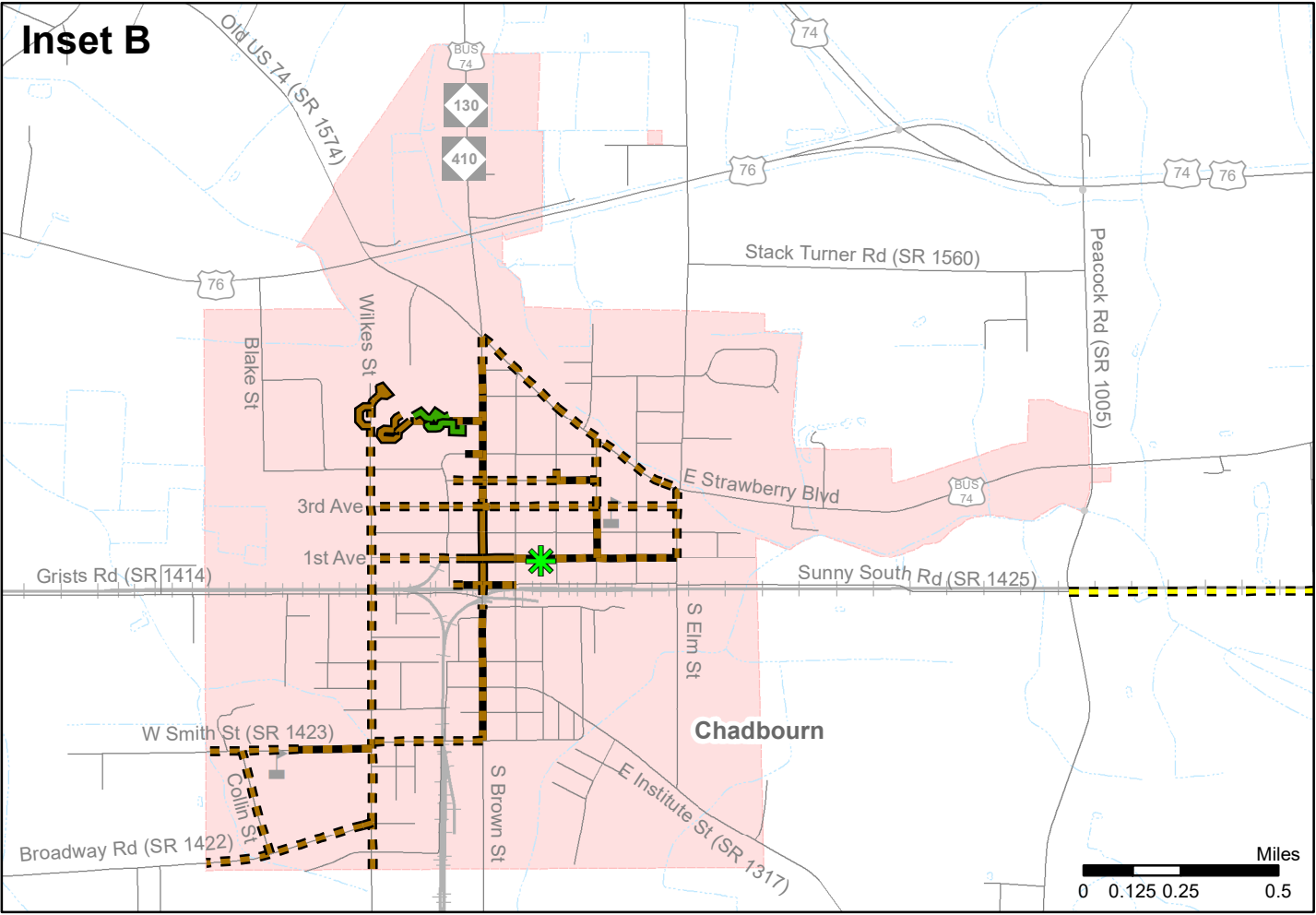




Inset A



Inset B



Inset C



Pedestrian Map  
Inset A, B, & C



Columbus  
County

North Carolina

Comprehensive  
Transportation Plan

Plan date: 8/1/19

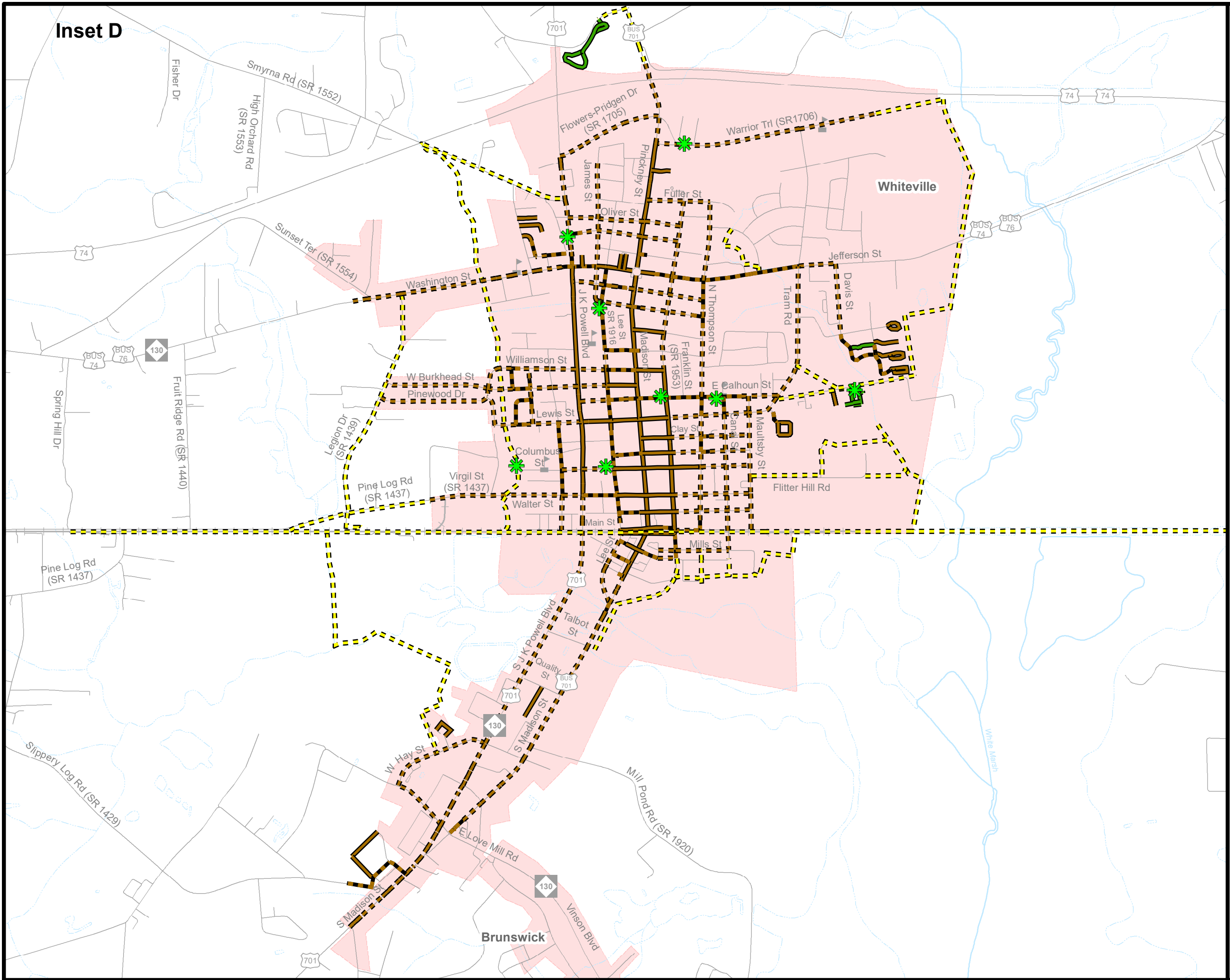
DRAFT

- Sidewalks**
- Existing
  - Needs Improvement
  - Recommended
- Off-road**
- Existing
  - Needs Improvement
  - Recommended
- Multi-Use Paths**
- Existing
  - Needs Improvement
  - Recommended
- Grade Separation**
- Existing Grade Separation
  - Proposed Grade Separation
- Parks and Recreation**





Inset D



Pedestrian Map  
Inset D



**Columbus  
County**  
North Carolina  
**Comprehensive  
Transportation Plan**  
Plan date: 8/1/19  
**DRAFT**

- Sidewalks
- Existing
  - Needs Improvement
  - Recommended

- Off-road
- Existing
  - Needs Improvement
  - Recommended

- Multi-Use Paths
- Existing
  - Needs Improvement
  - Recommended

- Existing Grade Separation
- Proposed Grade Separation
- Parks and Recreation

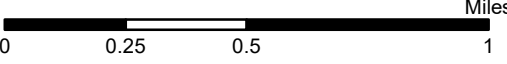
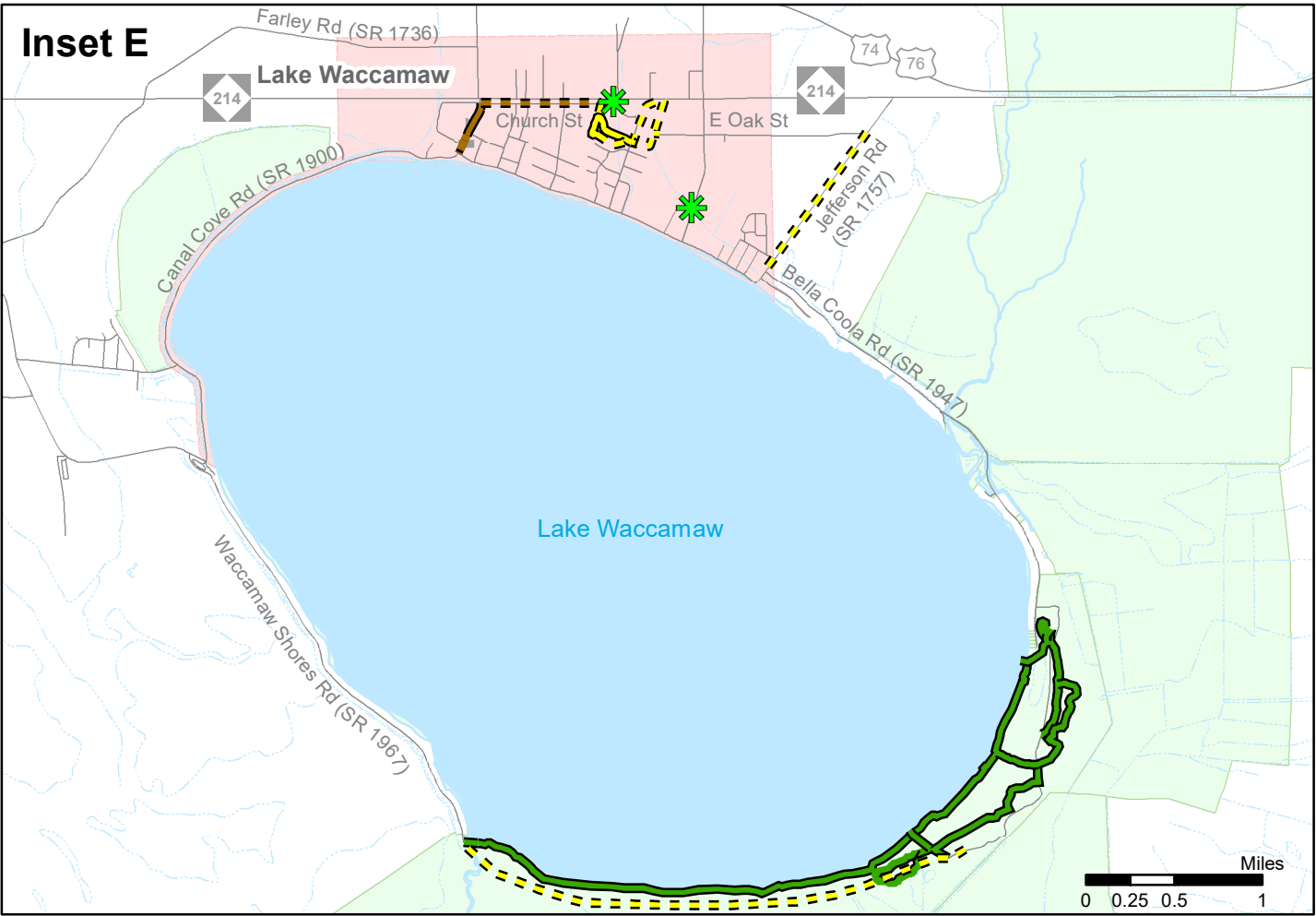


Figure 1 - Sheet 5B of 5  
Base map date: August 2019  
Refer to CTP document for more details



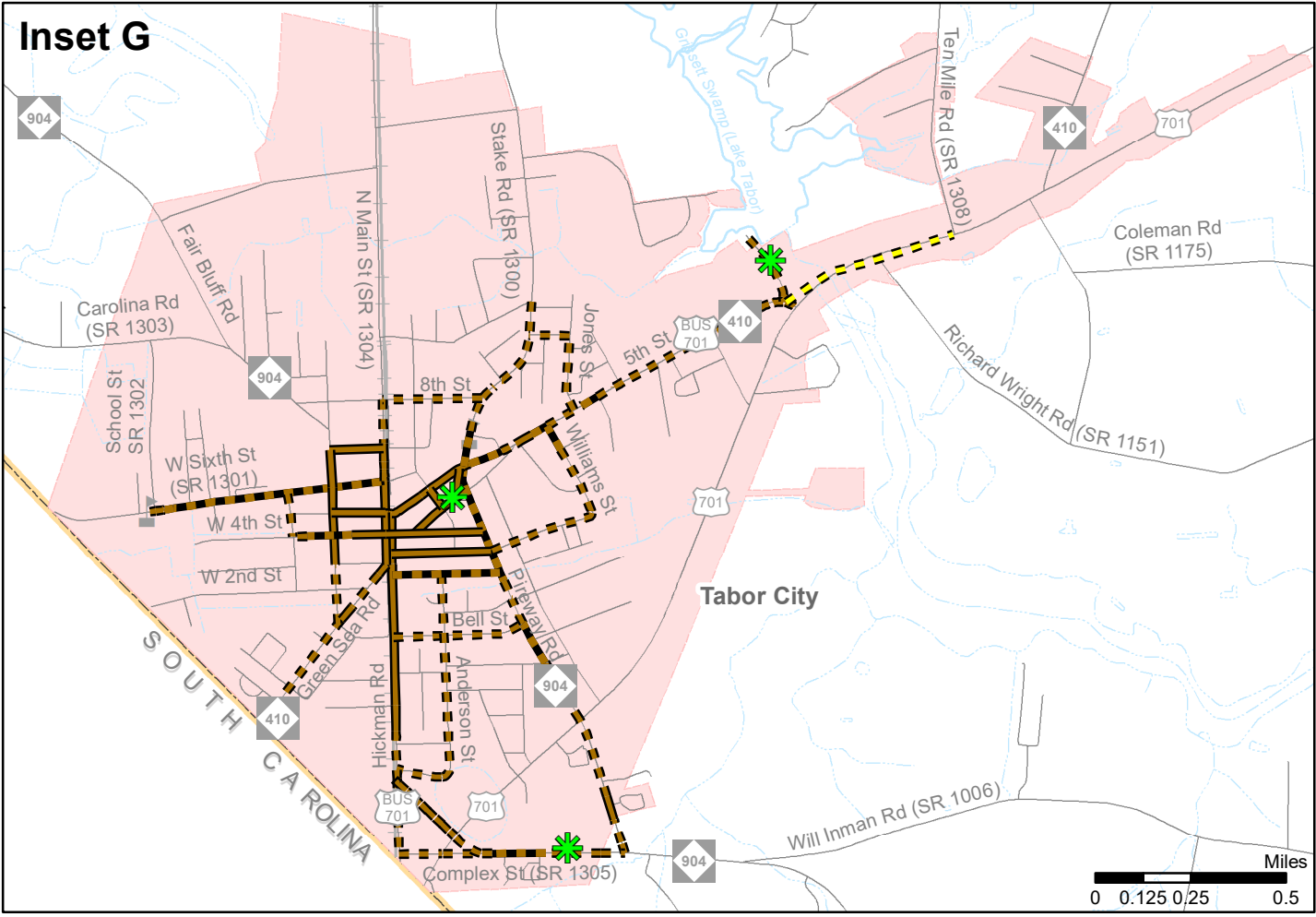
Inset E



Inset F



Inset G



Pedestrian Map  
Inset E, F, & G



Columbus  
County

North Carolina

Comprehensive  
Transportation Plan

Plan date: 8/1/19

DRAFT

Sidewalks

- Existing
- Needs Improvement
- Recommended

Off-road

- Existing
- Needs Improvement
- Recommended

Multi-Use Paths

- Existing
- Needs Improvement
- Recommended

- Existing Grade Separation
- Proposed Grade Separation
- Parks and Recreation







# COMPLETE STREETS

NCDOT is committed to providing an efficient multimodal transportation network in North Carolina to safely meet the access, mobility, and safety needs of motorists, transit users, bicyclists, and pedestrians of all ages and abilities.

## WHAT'S NEW?

- NCDOT Complete Streets 2.0 Recommendations - Action Plan
- Complete Streets Policy (Adopted on August, 8, 2019)
- Complete Streets Implementation Guide
- Frequently Asked Questions (FAQs)

## EFFECTIVE DATE?

All STIP projects without a final environmental document are subject to the NCDOT Complete Streets Policy

Projects submitted for prioritization require a Complete Streets Project Sheet as part of the submission process

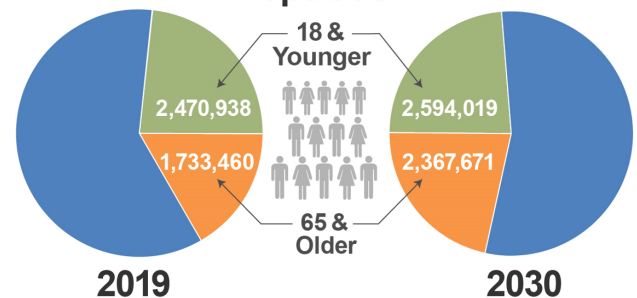
## BY THE NUMBERS

North Carolina's population of 10,542,548 is expected to top 12 million by 2035

### Active Drivers



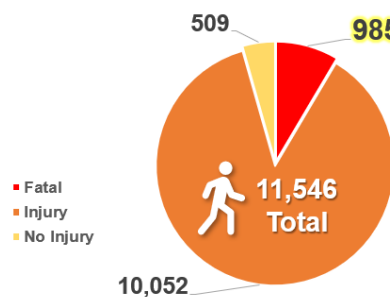
### Population



By 2030 nearly half the population will be in age ranges where driving is either not an option or a diminishing option. Millennials will make up the largest portion of North Carolina population by 2035.

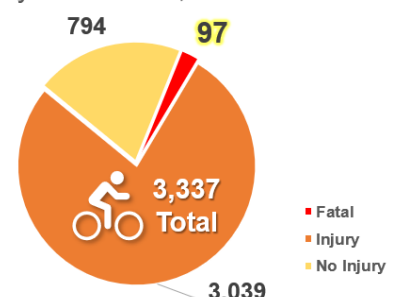
The Complete Streets policy aims to protect vulnerable users by providing additional multimodal facility options.

### Pedestrian Crashes, 2014-2018



NC 7<sup>th</sup> highest total pedestrian fatalities by state

### Bicycle Crashes, 2014-2018



NC 8<sup>th</sup> highest rate of bicycle fatalities per capita

## COMPLETE STREETS POLICY 2.0



NCDOT planners, designers, and engineers are required to consider and incorporate multimodal facilities in the design and improvement of all appropriate transportation projects.



The Department is committed to collaborate with cities, towns, and communities to ensure planned pedestrian, bicycle, and transit options are included as an integral part of their total transportation vision.





# DESIGN GUIDANCE

The policy identifies sources for facility design guidance. Facilities proposed in plans and project development must reference the design guidance provided by:

- NCDOT Roadway Design Manual and Cross Sections
- American Association of Highway Transportation Officials
- National Association of City Transportation Officials
- Federal Highway Administration

## COMPLETE STREETS PROJECT SHEET

Identifies planned and existing multimodal features of a proposed transportation project, and provides the ability to request exceptions to the policy, including:

- Unique site constraints
- Distance from existing/planned facilities
- Bicycle/Pedestrian prohibitions
- No existing/planned transit service

These are evaluated by the Complete Streets Review Team

### Complete Streets Impacts:

- Planned multimodal facilities are consistently incorporated into NCDOT Planning and Project Development processes
- Multimodal considerations are consistently made during resurfacing and maintenance operations

## COST SHARE AND BETTERMENT

Pedestrian Facility

Bicycle Facility

Side Path

Greenway Crossing

Bus Pull Out

Bus Stop (pad only)

In Plan

- NCDOT pays full cost

Not in Plan, but Need Identified

- Cost Share\*

Betterment

- Local pays full cost

\*Exception – NCDOT pays full cost for on-road bicycle facility

### Cost Share Formula

Population	NCDOT / Local Share
• > 100,000	80% / 20%
• 50,000 to 100,000	85% / 15%
• 10,000 to 50,000	90% / 10%
• < 10,000	95% / 5%

### Betterment

- A requested improvement that exceeds the recommendations from a plan and/or exceeds need identified in the project development process
- Aesthetic materials and treatments
- Landscaping in excess of standard treatments
- Lighting in excess of standard treatments

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FY 2020-2021  
**PLANNING WORK PROGRAM**  
**ANNUAL PROPOSED FUNDING SOURCES TABLE**  
Cape Fear RPO

TASK CODE	WORK CATEGORY	RPO PROGRAM FUNDS		
		LOCAL	STATE	TOTAL
		20%	80%	
I. DATA COLLECTION AND ASSESSMENT				
I-1	DATA COLLECTION AND ASSESSMENT	\$ 1,700	\$ 6,800	\$ 8,500
I-1.1	Highway			
I-1.2	Other Modes			
I-1.3	Socioeconomic			
I-1.4	Title VI			
II. TRANSPORTATION PLANNING				
II-1	COMPREHENSIVE TRANSPORTATION PLAN (CTP)	\$ 1,600	\$ 6,400	\$ 8,000
II-1.1	Develop CTP Vision			
II-1.2	Conduct CTP Needs Assessment			
II-1.3	Analyze Alternatives and Environmental Screening			
II-1.4	Develop Final Plan			
II-1.5	Adopt Plan			
II-2	PRIORITIZATION	\$ 2,600	\$ 10,400	\$ 13,000
II-2.1	Project Prioritization			
II-3	PROGRAM AND PROJECT DEVELOPMENT	\$ 800	\$ 3,200	\$ 4,000
II-3.1	STIP Participation			
II-3.2	Merger / Project Development			
II-4	GENERAL TRANSPORTATION PLANNING	\$ 5,000	\$ 20,000	\$ 25,000
II-4.1	Regional and Statewide Planning			
II-4.2	Special Studies, Projects and Other Trainings			
III. ADMINISTRATION OF TRANSPORTATION PLANNING AND POLICIES				
III-1	ADMINISTRATIVE ACTIVITIES	\$ 5,300	\$ 21,200	\$ 26,500
III-1.1	Administrative Documents			
III-1.2	TCC / TAC Work Facilitation; Ethics Compliance			
III-1.3	Program Administration			
IV. DIRECT COSTS				
IV-1	PROGRAMMATIC DIRECT CHARGES	\$ 2,000	\$ 8,000	\$ 10,000
IV-1.1	Program-wide Direct Costs			
IV-2	ADVERTISING	\$ 200	\$ 800	\$ 1,000
IV-2.1	News Media Ads			
IV-3	LODGING, MEALS, INCIDENTALS	\$ 300	\$ 1,200	\$ 1,500



IV-3.1	Hotel Costs			
IV-3.2	Meal Costs			
IV-3.3	Incidentals			
IV-4	POSTAGE	\$ 20	\$ 80	\$ 100
IV-4.1	Mailings			
IV-5	REGISTRATION / TRAINING			
IV-5.1	Conference Registration			
IV-5.2	Meeting / Workshop / Training Fees			
IV-6	TRAVEL			
IV-6.1	Mileage Reimbursement			
IV-6.2	Car Rental Costs			
IV-6.3	Other Travel Expenses			
V. INDIRECT COSTS				
V-1	INDIRECT COSTS	\$ 6,034	\$ 24,135	\$ 30,169
V-1.1	Incurred Indirect Costs			
RPO PROGRAM TOTAL				
		\$ 26,594	\$ 106,375	\$ 132,969

TASK CODE	WORK CATEGORY	SPR PROGRAM FUNDS		
		LOCAL	STATE	TOTAL
		5%	95%	
VI. SPECIAL STATE PLANNING & RESEARCH FUNDS				
VI-1	SPECIAL SPR ALLOCATION	\$ 5,000	\$ 95,000	\$ 100,000
VI-1.1	SRP Special Project			
SPECIAL SPR TOTAL		\$ 5,000	\$ 95,000	\$ 100,000
PWP TOTAL		\$ 31,594	\$ 201,375	\$ 232,969



**FY 2020-2021  
PLANNING WORK PROGRAM  
Narrative  
Cape Fear RPO**

**I. DATA COLLECTION AND ASSESSMENT**

**I-1 DATA COLLECTION AND ASSESSMENT** **\$ 8,500.00**

**I-1.1 Highway**

Collection, analysis, and mapping of highway- and vehicle-related data, including the CFRPO traffic counting program, signalized intersections, etc.

**I-1.2 Other Modes**

Collection, analysis, and mapping of non-highway-related data, etc.

**I-1.3 Socioeconomic**

Collection, analysis, and mapping of demographic, socioeconomic, land use, and environmental data, including existing and future land use, zoning, employment, commuting, travel preference data; etc.

**I-1.4 Title VI**

Collection, analysis, and mapping of demographic data related to Title VI compliance, including minority, poverty, age 65+, English proficiency, vehicle access; etc.

**II. TRANSPORTATION PLANNING**

**II-1 COMPREHENSIVE TRANSPORTATION PLAN (CTP) DEVELOPMENT** **\$ 8,000.00**

**II-1.1 Develop CTP Vision**

Study setup and coordination for the Brunswick and Pender Co. CTPs, including Community Understanding Report, meeting coordination, developing CTP vision/goals/objectives, public engagement prior to final adoption, etc.

**II-1.2 Conduct CTP Needs Assessment**

Review and analyze Brunswick and Pender Co. CTP data and transportation deficiencies; develop project and program alternatives and recommendations; ensure recommendations are developed to achieve all components of CTP vision/goals/objectives; etc.

**II-1.3 Analyze Alternatives and Environmental Screening**

Review and analyze project and program alternatives against community vision/goals/objectives, natural and human environmental constraints, fiscal reality, funding and maintenance concerns, etc.

**II-1.4 Develop Final Plan**

Develop and review final written, graphic, and mapping products for the Brunswick and Pender Co. CTPs

**II-1.5 Adopt Plan**

Coordinate meetings, develop and review presentations, attend public hearings and other meetings, etc. related to final CTP adoption

**II-2 PRIORITIZATION** **\$ 13,000.00**

**II-2.1 Project Prioritization**

Duties and responsibilities related to implementing STI and other local project prioritization activities

**II-3 PROGRAM AND PROJECT DEVELOPMENT** **\$ 4,000.00**

**II-3.1 STIP Participation**

Duties and responsibilities related to reviewing and commenting on STIP additions, modifications, deletions, and drafts; other correspondence with STIP unit; etc.

**II-3.2 Merger / Project Development**

Review and comment on Merger and other project development documents and attend Merger and other project development meetings



II-4 GENERAL TRANSPORTATION PLANNING		\$ 25,000.00
II-4.1	Regional and Statewide Planning	
	Participate in a regional and statewide planning activities, including Wilmington MPO TCC and MTP, GSATS TCC and MPT, Brunswick Transit TAB, Columbus County Transportation TAB, PAS-TRAN TAB, East Coast Greenway Alliance, Mountains-to-Sea Trail, NCARPO, APA-NC, NCDOT committees, Eastern NC MPO/RPO Coalition, etc.; conduct TRC reviews; review local/regional/statewide news related to transportation, land use, demographics, socioeconomics, and economic activity	
II-4.2	Special Studies, Projects and Other Trainings	
	Assist member jurisdictions with transportation, land use, environment, demographic/socio-economic, and mapping components of land use plans and ordinances; develop local bicycle and pedestrian plans; develop corridor studies; develop parking inventories and plans; update transit LCPs (as needed); administer and participate in NC 211/East Coast Greenway Feasibility Study; participate in other special studies or plans as requested or approved by the RTAC; transportation- and GIS- related training, including NCAMPO conference, APA-NC conference, NCAUG fall conference (if held at Carolina Beach, as usual), NCPTA conference NCDOT PTD training conference, NC Transportation Summit, etc.	
III. ADMINISTRATION OF TRANSPORTATION PLANNING AND POLICIES		
III-1 ADMINISTRATIVE ACTIVITIES		\$ 26,500.00
III-1.1	Administrative Documents	
	Preparation of Planning Work Plan, PWP amendments, indirect cost allocation plan, quarterly invoices and reimbursement documentation; update of RTCC/RTAC bylaws, RPO MOU, or LPA funding agreement, as necessary	
III-1.2	TCC / TAC Work Facilitation; Ethics Compliance	
	Conduct/attend RTCC/RTAC meetings, including preparation of meeting announcements, agendas, packets, minutes, etc.; coordinate RTCC/RTAC appointments/elections; develop RTCC/RTAC rosters and meeting schedules; ensure RTAC ethics compliance; etc.	
III-1.3	Program Administration	
	Update and implement Public Involvement Plan, Title VI Plan, etc.; maintain and update website and public notice distribution lists; collect and review public comments; ensure program compliance; respond to inquiries from the general public and correspond with other transportation stakeholders on items not otherwise addressed above; staff meetings; general program administration	
IV. DIRECT COSTS		
IV-1 PROGRAMMATIC DIRECT CHARGES		\$ 10,000.00
IV-1.1	Program-wide Direct Costs	
	Direct costs including audit, phone and internet, copies and printing, dues and subscriptions, equipment and supplies, insurance, building rent and maintenance, professional services, computer and information technology, etc.	
IV-2 ADVERTISING		\$ 1,000.00
IV-2.1	News Media Ads	
	Public notice advertisements	
IV-3 LODGING, MEALS, INCIDENTALS		\$ 1,500.00
IV-3.1	Hotel Costs	
	Lodging costs for overnight program and training activities, including NCMPO conference, APA-NC conference, and NCARPO quarterly meetings	
IV-3.2	Meal Costs	
	Overnight travel-related meal per-diems	
IV-3.3	Incidentals	
	Overnight travel-related incidentals, including tips	
IV-4 POSTAGE		\$ 100.00
IV-4.1	Mailings	
	Postage for RTAC packets and other mailings	
IV-5 REGISTRATION / TRAINING		\$ 1,000.00
IV-5.1	Conference Registration	
	Registration fees for NCAMPO, APA-NC, and other approved conferences	
IV-5.2	Meeting / Workshop / Training Fees	



Meeting, workshop, and training fees, etc.

<b>IV-6 TRAVEL</b>	<b>\$ 4,200.00</b>
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<b>IV-6.1 Mileage Reimbursement</b>
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Mileage reimbursement

<b>IV-6.2 Car Rental Costs</b>
--------------------------------

Car rental costs

<b>IV-6.3 Other Travel Expenses</b>
-------------------------------------

Parking costs and other transportation expenses

<b>V. INDIRECT COSTS</b>
--------------------------

<b>V-1 INDIRECT COSTS APPROVED BY COGNIZANT AGENCY FY 18-19</b>	<b>\$ 30,169.00</b>
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<b>V-1.1 Incurred Indirect Costs</b>
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Indirect costs per NCDOT-approved indirect cost allocation plan

<b>RPO PROGRAM TOTAL</b>	<b>\$ 132,969.00</b>
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<b>VI. SPECIAL STATE PLANNING &amp; RESEARCH FUNDS</b>
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<b>VI-1 SPECIAL SPR ALLOCATION</b>	<b>\$ 100,000</b>
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<b>VI-1.1 SRP Special Project</b>
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ECG Feasibility Study

<b>SPECIAL SPR TOTAL</b>	<b>\$ 100,000</b>
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<b>PWP TOTAL</b>	<b>\$ 232,969.00</b>
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Slots	SPOT ID	Mode	Project Category	Route / Facility Name	From / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	Division Needs Total Score (Out of 100)	Funding Region(s)	Division(s)	MPO(s) / RPO(s)	County(s)	P6.0 STATUS
1	A130091	Aviation	Division Needs	SUT - Cape Fear Regional Jetport / Howie Franklin Field	SUT - West Apron Expansion & Hangars	Purchase 26 acres for west apron expansion and hangars (PC# 2176)	1200 - Aircraft Apron / Helipad Requirements	\$ 1,620,000	59.59	B	03	Cape Fear RPO	Brunswick	Holding Tank
2	A130104	Aviation	Division Needs	CPC - Columbus County Municipal Airport	CPC - Construct New Terminal Building	Construct a new terminal building to also serve as a disaster recovery center for southeastern NC during natural disasters such as Hurricanes. The existing terminal building does not meet the recommended square footage (3,200 SF) for terminal buildings. CPC is far enough away from the coast that this airport with a 5,500' runway length could allow emergency aircraft to land and use the facility as a command station during a hurricane. (PC# 2387)	1305 - General Aviation Terminal Building: New Construction	\$ 1,325,000	20.57	C	06	Cape Fear RPO	Columbus	Holding Tank
3	A150697	Aviation	Division Needs	SUT - Cape Fear Regional Jetport / Howie Franklin Field	SUT - West Apron Expansion (Phase 2)	SUT (Cape Fear Regional Jetport) - Expand the west apron for transient aircraft (Phase 2) (PC# 2175)	1200 - Aircraft Apron / Helipad Requirements	\$ 3,042,000	29.79	B	03	Cape Fear RPO	Brunswick	Holding Tank
4	A170437	Aviation	Division Needs	CPC - Columbus County Municipal Airport	CPC - Widen Runway, Widen and Extend Runway Safety Area	CPC (Columbus Co Municipal) - Widen runway to 100', widen runway safety area to 300' and lengthen to 600', install runway lighting system MALSR (PC#s 3720/3721/3722)	0540 - Runway Widening	\$ 7,454,000	53.48	C	06	Cape Fear RPO	Columbus	Holding Tank
5	A170438	Aviation	Division Needs	CPC - Columbus County Municipal Airport	CPC - T-hangars, corporate hangars, and hangar taxiways - Phase 2	CPC (Columbus County Airport) - Construct one 8-unit T-hangar, three 50'x50' corporate hangars, and accompanying taxiways on the west side of the Phase 1 hangars (PC# 2388)	1900 - Hangars	\$ 1,936,000	11.78	C	06	Cape Fear RPO	Columbus	Holding Tank



Slots	SPOT ID	Mode	TIP	Project Category	Description	Specific Improvement Type	Cost to NCDOT	Division Needs Total Score (Out of 100)	Funding Region(s)	Division(s)	MPO(s) / RPO(s)	County(s)	P6.0 STATUS
1	B141182	BikePed	EB-5801	Division Needs	Construct a sidewalk along the east side of S Wilkes St from existing sidewalk to Chadbourn Middle School at W Smith St northward to W Railroad Ave/Grists Rd.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 200,000	24.98	C	06	Cape Fear RPO	Columbus	Holding Tank
2	B150514	BikePed		Division Needs	Construct sidewalk along E Freemont St connecting the existing sidewalk east of S Cowan St to the entrance to the Pender Memorial Hospital, per the 2015 Burgaw Bike/Ped Plan	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 168,000	27.11	B	03	Cape Fear RPO	Pender	Holding Tank
3	B150515	BikePed		Division Needs	Construct sidewalk along the north side of Clark St from the existing sidewalk on S Dickerson St to Smith St, along the west side of Smith St to W Freemont St, and along the north side of W Freemont St to the existing sidewalk on S Dickerson St, per the 2015 Burgaw Bike/Ped Plan	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 420,000	29.58	B	03	Cape Fear RPO	Pender	Holding Tank
4	B150517	BikePed		Division Needs	Construct sidewalk along the west side of NC 53 from the existing sidewalk to the Osgood Canal Trail, improve trail crossings of US 117 Business and NC 53, and construct sidewalk along the north side of NC 53 from the Osgood Canal Trail across US 117 Bypass to the existing sidewalk at KFC, including crosswalks at US 117 Bypass, per 2015 Burgaw Bike/Ped Plan and 2014 Pender Co CTP	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 240,000	58.45	B	03	Cape Fear RPO	Pender	Holding Tank
5	B150520	BikePed		Division Needs	Construct on-road bike lanes on Penderlea Hwy from W Bridges St westward to the Burgaw municipal limits, per 2014 Pender Co CTP, 2015 Burgaw Bike/Ped Plan, and 2017 Cape Fear Regional Bicycle Plan	3 - On-Road; Designated Bicycle Facility (Bicycle)	\$ 240,000	12.55	B	03	Cape Fear RPO	Pender	Holding Tank
6	B170439	BikePed		Division Needs	Construct sidewalks on both sides of NC 211 (N Howe St) from SR 1209 (W 9th St) to W 12th St and install a crosswalk at 9th St.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 320,000	31.49	B	03	Cape Fear RPO	Brunswick	Holding Tank
7	B170440	BikePed		Division Needs	Construct a multi-use path from the Lake Waccamaw State Park parking lot to the Lake Waccamaw spillway bridge.	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 760,000	17.70	C	06	Cape Fear RPO	Columbus	Holding Tank
8	B170757	BikePed		Division Needs	Construct sidewalk along W Smith St, connecting the existing sidewalk to Chadbourn Middle School at S Wilkes St (SR 1421) eastward to the existing sidewalk to the CBD at S Brown St (NC 410)	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 152,000	26.72	C	06	Cape Fear RPO	Columbus	Holding Tank
9	B170758	BikePed	B141239	Division Needs	Construct sidewalk along E 3rd St, connecting the existing sidewalk along NC 410 to the CBD eastward to the existing sidewalk at N Pine St at the entrance to Chadbourn Elementary School	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 184,000	23.38	C	06	Cape Fear RPO	Columbus	Holding Tank
10	B170769	BikePed		Division Needs	Construct a sidewalk on the south side of W 9th St/Maple St from the existing sidewalk at N Howe St past Southport Elementary School to the existing sidewalk at Indigo Plantation Drive per the 2014 Southport Pedestrian Plan	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 320,000	26.73	B	03	Cape Fear RPO	Brunswick	Holding Tank



**CFRPO P6.0 Project Submittal List - Highway**

SPOT ID	Project Category	Project	Cost to NCDOT	County(s)	Submit	P6.0 Status	Comment
H090287-AA	Statewide Mobility	US 74/76 - Upgrade roadway to interstate standards from US 76 in Chadbourn to NC 214 near Bolton	\$ 68,400,000	Columbus	No	Holding Tank	Wait for I-6011 and Delco Byp
H090287-AD	Statewide Mobility	US 74/76 - Upgrade roadway to interstate standards from NC 214 near Bolton to the proposed Delco Bypass near SR 1844 (Oscar Blanks Rd)	\$ 40,500,000	Columbus	No	Holding Tank	Wait for I-6011 and Delco Byp
H090287-E	Statewide Mobility	US 74/76 - Upgrade at-grade intersection at NC 214 to interchange	\$ 10,800,000	Columbus	No	Holding Tank	Not competitive in P5.0
H090287-H	Statewide Mobility	US 74/76 - Convert at grade intersection to grade separation at SR 1800 (Blacksmith Rd), formerly H150987	\$ 4,400,000	Columbus	No	Holding Tank	Not competitive in P5.0
H090293-H	Statewide Mobility	US 17 - Convert intersection to superstreet at SR 1401 (Galloway Rd)	\$ 3,000,000	Brunswick	No	Holding Tank	Not competitive in P5.0
H090293-I	Statewide Mobility	US 17 - Convert intersection to superstreet at SR 1569 (College Rd NE)	\$ 3,000,000	Brunswick	No	Holding Tank	Not competitive in P5.0
H090293-J	Statewide Mobility	US 17 - Convert intersection to superstreet at US 17 BUS (north of Bolivia)	\$ 3,000,000	Brunswick	No	Holding Tank	Not competitive in P5.0
H090306	Regional Impact	US 701 - Widen to 4 lanes from the SC state line to NC 410 (Joe Brown Hwy)	\$ 27,800,000	Columbus	No	Holding Tank	Prefer H184205
H090802	Regional Impact	NC 210 - Widen to 4 lanes with multi-use path from NC 53 to Topsail Island Bridge	\$ 54,300,000	Pender	No	Holding Tank	Creates bottleneck at bridge
H090805	Regional Impact	NC 53 - Modernize from US 117 Bypass to SR 1400 (Smith St) in Burgaw and construct streetscape improvements, per the NC 53 Corridor Study	\$ 28,100,000	Pender	Yes	Holding Tank	
H141033	Regional Impact	NC 210 - Realign at SR 1120 (Malpass Corner Rd)/SR 1121 (Bell Williams Rd) to make NC 210 the through movement, potentially using a roundabout	\$ 2,600,000	Pender	Yes	Holding Tank	Not competitive in P5.0
H150504	Division Needs	Antenna Farm Rd - Construct a roadway, partially on new location, partially on land owned by the State, and partially on existing municipal right-of-way (W Boiling Spring Rd), from NC 87 (George II Hwy) to NC 906 (Midway Rd), per Brunswick Co CTP	\$ 34,200,000	Brunswick	Yes	Holding Tank	Highest scoring RPO roadway project at Division category, modify alignment per FS-S03019 and include Gilbert Rd realignment
H150507	Division Needs	Ridgewood Ave Ext - Extend Ridgewood Ave on new location to the Walmart traffic signal to reduce congestion and improve traffic safety at intersection of US 117 Bypass and NC 53, per Pender Co CTP	\$ 1,800,000	Pender	No	Holding Tank	Not competitive in P5.0
H150508	Division Needs	SR 1001 (Hallsboro Rd) - Construct a roundabout at the intersection of SR 1001 (Hallsboro Rd) and SR 1972 (Soles Rd)	\$ 2,000,000	Columbus	No	Holding Tank	Not competitive in P5.0
H170034	Regional Impact	Burgaw Bypass - Construct the Burgaw Bypass on Wallace St (SR 1344) and partially on new location.	\$ 34,500,000	Pender	No	Holding Tank	Replace with H184015
H170041	Division Needs	Coretta Dr - Construct a new roadway to reduce congestion and improve connectivity and mobility at the intersection of NC 210 and NC 50 in Surf City.	\$ 5,200,000	Pender	No	Holding Tank	Not competitive in P5.0
H170044	Division Needs	NC 410 Bypass - Construct a bypass of NC 410 through downtown Chadbourn, partially along Peacock Rd and partially on new location from US 74/76 to NC 410 south of Chadbourn	\$ 33,600,000	Columbus	Yes	Holding Tank	
H170186	Regional Impact	US 701 - Widen to 4 lanes from SR 1166 (Pleasant Plains Rd) to SR 1004 (Rough & Ready Rd) to improve mobility and safety	\$ 15,900,000	Columbus	No	Holding Tank	Not competitive in P5.0
H170246	Regional Impact	NC 906 (Midway/Galloway Rd) - Realign at US 17 BUS and construct a roundabout	\$ 2,700,000	Brunswick	Yes	Holding Tank	



**CFRPO P6.0 Project Submittal List - Highway**

SPOT ID	Project Category	Project	Cost to NCDOT	County(s)	Submit	P6.0 Status	Comment
H170901	Statewide Mobility	US 74/76 - Close off open median crossovers with un-signalized superstreet from I-140 Will tie into safety project in Columbus County off of US 74. (W-5601EV)	\$ 32,000,000	Brunswick	No	Holding Tank	Division 3 project/submittal
H171352	Regional Impact	Widen NC 904 to Multi-lane facility from Etheridge Road to US 17.	\$ 32,500,000	Brunswick	No	Holding Tank	GSATS project/submittal
H171616	Division Needs	Widen to 32 feet typical section (12 ft lanes with 4 ft paved shoulders) along NC 242 Haynes Lennon Highway, SR 1502 Bullard Lane, US 76 Andrew Jackson Highway and SR 1356 Hinsons Crossroads. Route improvements to also include widening right-of-way to 100 feet, improve geometrics and intersection safety improvements.	\$ 50,000,000	Columbus	No	Holding Tank	Division 6 project/submittal
H171619	Division Needs	Widen to 32 feet typical section (12 ft lanes with 4 ft paved shoulders) along NC 242 Haynes Lennon Highway, SR 1407 Powell Street, SR 1407 Church Street, SR 1403 Railroad Street and SR 1352 Cherry Street/Cherry Grove Road. Route improvements to also include widening right-of-way to 100 feet, improve geometrics and intersection safety improvements.	\$ 44,000,000	Columbus	No	Holding Tank	Division 6 project/submittal
H171624	Division Needs	Widen to 32 feet typical section - (Two 12 ft lanes with 4 ft paved shoulders) along SR 1001 Hallsboro Road. Work to include widening right-of-way to 100 feet, improve geometrics and intersection safety improvements	\$ 33,000,000	Columbus	No	Holding Tank	Division 6 project/submittal
H171987	Statewide Mobility	Construct interchange at US 74 and NC 11.	\$ 13,600,000	Columbus	No	Holding Tank	Wait for Delco Byp alignment
H183717	Statewide Mobility	US 74/76 - Construct a portion of the Delco Bypass from NC 87 to the eastern terminus of the bypass.	\$ 37,823,000	Brunswick, Columbus	Yes	New	New project
H183735	Regional Impact	NC 211 - Widen to four lanes from US 17 in Supply to NC 903 (Midway Road).	\$ 56,695,000	Brunswick	Yes	New	Combination of H090806-A and H090806-C
H183738	Statewide Mobility	I-74 - Construct interstate on new location from NC 214 east of Bolton to I-140 (Wilmington Bypass)	\$ 246,768,000	Brunswick, Columbus	No	New	New project, needs study
H183769	Regional Impact	Construct an auxiliary lane on US 701 from NC 410 (Joe Brown Hwy) to NC 410 (E 5th St.) north of Tabor City	\$ 3,484,000	Columbus	No	New	
H184015	Regional Impact	NC 53 BYP (Burgaw Bypass) - Construct a 2-lane bypass of Burgaw from SR 1508 west of I-40 to SR 1120 (Malpass Corner Rd) per Alt. 6a from R-3302 CP3 (LEDPA) 8/24/2006	\$ 34,495,000	Pender	Yes	New	
H184020	Regional Impact	NC 242 (Cerro Gordo Bypass) - Construct a 2-lane roadway on new location from NC 242 (Haynes Lennon Hwy) north of Cerro Gordo to SR 1352 (Cedar Grove Church Rd) south of Cerro Gordo, including a grade-separated crossing of the RJ Corman rail	\$ 12,296,000	Columbus	Yes	New	From Columbus Co CTP
H184021	Regional Impact	US 701 - Widen to 4 lanes from NC 410 (Joe Brown Hwy) to the proposed interchange at SR 1305 (Complex St) near Tabor City	\$ 25,597,000	Columbus	No	New	Prefer H184205
H184024	Statewide Mobility	I-74 - Construct interstate on new location from I-140 (Wilmington Bypass) to US 74 at NC 87 (Old Stage Rd)	\$ 106,156,000	Brunswick, Columbus	Yes	New	New project
H184039	Statewide Mobility	NC 87/NC 133 - Construct a flyover or interchange on NC 87 at NC 133 and Sunny Point Rd	\$ 9,600,000	Brunswick	Yes	New	New project
H184041	Regional Impact	NC 53 - Construct a 1-lane roundabout at NC 50 in Maple Hill	\$ 800,000	Pender	No	New	Pursue with safety funds
H184042	Regional Impact	NC 11 - Construct a 1-lane roundabout at SR 1309 (Willard Railroad St)/SR 1310 (Veatch St) in Willard	\$ 800,000	Pender	Yes	New	Safety funds not likely
H184044	Statewide Mobility	US 74/76 BUS - Construct a 1-lane roundabout on Chadbourn Hwy at SR 1005 (Peacock Rd)	\$ 800,000	Columbus	No	New	Likely funded with safety funds (W-5706X). D6 to submit if needed?



**CFRPO P6.0 Project Submittal List - Highway**

SPOT ID	Project Category	Project	Cost to NCDOT	County(s)	Submit	P6.0 Status	Comment
H184046	Statewide Mobility	US 74 (Future I-74) - Upgrade interchange at US 76 to collector-distributor/trumpet hybrid to include eastbound exit to SR 1005 (Peacock Rd)	\$ 8,250,000	Columbus	Yes	New	From Columbus Co CTP
H184150	Regional Impact	US 421 - Construct a 1-lane roundabout at NC 53 at Ward's Corner	\$ 800,000	Pender	No	New	Pursue with safety funds
H184151	Regional Impact	US 421 - Construct a 1-lane roundabout at SR 1120 (Malpass Corner Rd)	\$ 800,000	Pender	No	New	Pursue with safety funds
H184165	Statewide Mobility	NC 87 (George II Hwy) - Construct a left turn lane on southbound NC 87 to eastbound Fifty Lakes Dr and a left turn acceleration lane on southbound NC 87 from westbound Fifty Lakes Dr	\$ 250,000	Brunswick	No	New	Prefer H184168
H184166	Statewide Mobility	NC 87 (George II Hwy) - Widen to 3 lanes from the signal at SR 1539 (E Boiling Spring Rd) to the signal at SR 1541 (Cougar Rd) in Boiling Spring Lakes	\$ 8,453,000	Brunswick	No	New	Prefer H184168
H184168	Statewide Mobility	NC 87 (George II Hwy): Add turn lanes at multiple intersections between SR 1539 (E Boiling Spring Rd) and SR 1541 (Cougar Rd) at Sunset Rd, S Shore Dr, Fairway Dr, and Fifty Lakes Dr	\$ 2,903,000	Brunswick	Yes	New	New project
H184170	Statewide Mobility	NC 87 (George II Hwy) - Add a southbound auxiliary lane from NC 133 (River Rd) to NC 133 (Long Beach Rd)	\$ 3,384,000	Brunswick	Yes	New	New project, high volume
H184205	Regional Impact	US 701 Bypass - Widen to a 4-lane superstreet from R-5952 at SR 1503 (Complex St) to US 701 Business/NC 410 (E 5th St) in Tabor City	\$ 15,036,000	Columbus	Yes	New	New project for P6.0 from Columbus Co CTP
H184206	Regional Impact	US 701 Bypass - Upgrade to a 4-lane superstreet from R-5952 at SR 1305 (Complex St) to NC 410 (Joe Brown Hwy) in Tabor City	\$ 25,364,000	Columbus	No	New	Prefer H184205
H184409	Regional Impact	NC 50 (S Anderson Blvd) - Upgrade to a 2-lane curb and gutter facility with wide outside lanes, sidewalks and parallel on-street parking from Topsail Beach Town Center near Maritime Way to Crews Ave, including closing or narrowing many driveways	\$ 3,658,000	Pender	Yes	New	From Topsail Non-motorized Transportation Plan
H184422	Division Needs	US 17 Business (Old Ocean Hwy) - Improve the intersection(s) at Court House Dr NE and/or at Government Center Dr NE at the Brunswick County Government Complex, potentially including roundabouts or turn lane improvements	\$ 650,000	Brunswick	No	New	Needs discussion
H184447	Regional Impact	NC 50 (S Anderson Blvd) - Modernize from downtown Topsail Beach (Crews Ave) to the end of state maintenance (Florida Ave) and add bicycle lanes	TBD	Pender	No	New	From Topsail Non-motorized Transportation Plan
H184448	Regional Impact	NC 50 (N/S Anderson Blvd) - Modernize from the northern municipal limits to Topsail Beach Town Center near Maritime Way and add bicycle lanes	TBD	Pender	Yes	New	From Topsail Non-motorized Transportation Plan
H184661	Statewide Mobility	I-74 - Construct an interstate bypass of Delco per FS-H090287	\$ 46,030,000	Columbus	No	New	Revision of H090287-AE (carryover)
H185082	Division Needs	SR 1439 (Legion Dr) - Construct a roadway on new location from its current terminus at NC 130/US 74 BUS/US 76 BUS (Washington St) to US 701 (JK Powell Blvd) in Whiteville	\$ 6,648,000	Columbus	No	New	From Columbus Co CTP, includes potential developer-installed section
H185083	Division Needs	SR 1439 (Legion Dr) - Construct a roadway on new location from its current terminus at NC 130/US 74 BUS/US 76 BUS (Washington St) to SR 1439 (Smyrna Rd) in Whiteville	\$ 5,229,000	Columbus	Yes	New	From Columbus Co CTP, excludes developer-installed section
H190471	Statewide Mobility	Convert existing grade separation of I-40 and SR 1412 (New Road) to an Interchange to relieve existing congestion of I-40 and NC 210 interchange.	\$ 3,238,000	Pender	Yes	New	slightly higher congestion and freight scores
H190485	Statewide Mobility	Convert existing grade separation of I-40 and SR 1411 (Old River Road) to an interchange to relieve congestion at the I-40 and NC 210 interchange.	\$ 11,100,000	Pender	No	New	choose between H190471 and this project which is 54% in the WMPO
H190897	Statewide Mobility	US 117 - Construct a two way center turn lane along US 117 from SR 1416 (Porters Lane Rd.) in Rocky Point to US 117 BUS (S. Walker St.) in Burgaw.	\$ 39,067,000	Pender	No	New	choose between H190898 and this project



CFRPO P6.0 Project Submittal List - Highway

SPOT ID	Project Category	Project	Cost to NCDOT	County(s)	Submit	P6.0 Status	Comment
H190898	Statewide Mobility	US 117 - Modernize the roadway from SR 1416 (Porters Lane Rd.) in Rocky Point to US 117 BUS (S. Walker St.) in Burgaw with wide shoulders to increase safety for motorists and bicyclists.	\$ 9,380,000	Pender	Yes	New	prefer this project over H190897 due to cost

Brunswick	17	8
Columbus	25	7
Pender	18	8
Total	57	21



Slots	SPOT ID	Mode	Project Category	Route / Facility Name	Description	Specific Improvement Type	Cost to NCDOT	Statewide Mobility Quantitative Score (Out of 100)	Regional Impact Total Score (Out of 100)	Division Needs Total Score (Out of 100)	Funding Region(s)	Division(s)	MPO(s) / RPO(s)	County(s)	P6.0 STATUS
1	R140031	Rail	Statewide Mobility	CSX AC line (abandoned)	Restoration of the Wallace to Castle Hayne Rail Corridor from just north of Wilmington to Wallace.	Freight rail infrastructure improvement or construction	\$ 159,500,000	11.31	7.80	7.41	B	03	Cape Fear RPO, Wilmington Urban Area MPO, Eastern Carolina RPO	New Hanover, Pender	Holding Tank
2	R150529	Rail	Statewide Mobility	CSX AC line (abandoned)	Restoration of the Wallace to Castle Hayne Rail Corridor from Wallace to Burgaw (phase 1), per Pender Co CTP project PEND0001-R.	Freight rail infrastructure improvement or construction	\$ 67,400,000	10.37	7.20	6.01	B	03	Cape Fear RPO, Wilmington Urban Area MPO	Pender	Holding Tank
3	R150532	Rail	Statewide Mobility	CSX AC line (abandoned)	Restoration of the Wallace to Castle Hayne Rail Corridor from Burgaw to the Castle Hayne (phase 2), per Pender Co CTP project PEND0001-R.	Freight rail infrastructure improvement or construction	\$ 80,900,000	11.63	8.03	7.50	B	03	Cape Fear RPO, Wilmington Urban Area MPO	Pender, New Hanover	Holding Tank
4	R170043	Rail	Statewide Mobility	CSX AC Line	Restoration of the former Atlantic Coast Rail line from Malmo to the RJ Corman Carolina line in Whiteville. Conceptual study completed by NCDOT FS-1706A.	Freight rail infrastructure improvement or construction	\$ 235,000,000	3.92	2.62	3.92	C, B	06, 03	Cape Fear RPO, Wilmington Urban Area MPO	Brunswick, Columbus	Holding Tank
5	R170434	Rail	Statewide Mobility	CSX AC Line	Restore the former Atlantic Coast Rail line from Malmo to the International Logistics Park near the Columbus/Brunswick County Line.	Freight rail infrastructure improvement or construction	\$ 35,000,000	5.23	3.49	5.23	B	03	Cape Fear RPO, Wilmington Urban Area MPO	Brunswick	Holding Tank
6	R171628	Rail	Regional Impact	NS H/CSX A/CSX SE	Construction and implementation of Southeastern North Carolina Passenger Rail Service. Service to run from Raleigh to Wilmington via Selma and Fayetteville using the NS H Line, CSX A Line, and CSX SE Line.	Other passenger rail improvements	\$ 750,000,000	N/A	43.05	19.66	C, A, B	06, 04, 05, 03	Mid-Carolina RPO, Lumber River RPO, Upper Coastal Plain RPO, Fayetteville Area MPO, Capital Area MPO, Cape Fear RPO, Wilmington Urban Area MPO	Bladen, Brunswick, Columbus, Cumberland, Harnett, Johnston, Robeson, Wake	Holding Tank



Slots	SPOT ID	Mode	Project Category	Route / Facility Name	Description	Specific Improvement Type	Cost to NCDOT	Division Needs Total Score (Out of 100)	Funding Region(s)	Division(s)	MPO(s) / RPO(s)	County(s)	P6.0 STATUS
1	T130079	Transit	Division Needs	PAS-TRAN Expansion Vans (2)	Purchase 2 PAS-TRAN expansion vehicles for increased ridership.	4 - Demand Response	\$ 12,220	26.48	B	03	Cape Fear RPO	Pender	Holding Tank
2	T170771	Transit	Division Needs	PAS-TRAN Expansion Van (1)	Purchase 1 PAS-TRAN expansion vehicles for increased ridership.	4 - Demand Response	\$ 6,110	25.56	B	03	Cape Fear RPO	Pender	Holding Tank
3	T171530	Transit	Division Needs	BTS Expansion Vehicles (2)	Brunswick Transit System, Inc (BTS) - Purchase two (2) expansion demand response vehicles (1 standard, 1 lift-equipped)	4 - Demand Response	\$ 11,100	23.15	B	03	Cape Fear RPO	Brunswick	Holding Tank



Projects in Development									
Project Manager	TIP	PO	Description	County	ROW_ Delay (Years) From Draft ROW	LET_ Delay (Years) from Draft CON	SAP Let Date	Comment*	
Trace Howell	R-3300B	WMPO/CFRPO	Hampstead Bypass	New Hanover/ Pender	IP	2021	9/15/2020		
Derek Pielech	17BP.3.R.62	CFRPO	Replace Bridge 23 on NC 906/Midway Rd over Brunswick River Swamp	Brunswick	TBD	2021	11/19/2020		
Eric Murray	W-5703Q	CFRPO	NC 130 at Longwood Rd and Waccamaw School Rd (Previously	Brunswick	IP	2021	1	1/21/2021	12MLL 1 year Delay *Previously SS-4903CE
Derek Pielech	B-4439	CFRPO	Replace Bridge 100 on Makatoka Rd over Muddy Branch	Brunswick	IP	2021	1	4/15/2021	12MLL 1 year Delay
Mike Bass	R-5701	CFRPO	Burgaw Intersection Improvement	Pender	2020	1	2021	1	6/17/2021 12MLL 1 year Delay
Central	15bpr.45	ECRPO/CFRPO	Duplin 433 and Pender 219 on NC 903 over I-40	Duplin/Pender	TBD	2022	1	7/1/2021	
Mike Bass	R-5021	CFRPO	NC 211 From Midway Rd to NC 87 : widen to a 4-lane divided facility	Brunswick	IP	2022	3	1/18/2022	PE, Utility Design, and Appraisals Resuming; ROW Acquisition beginning April 2020
Eric Murray	R-5850	CFRPO	Widen NC 53 to 3 lanes from US 117 Bypass to Stag Park Rd	Pender	2023	2025	5/2/2025		
Derek Pielech	17BP.3.C.3	CFRPO	Replace Culvert on NC 133 with a bridge	Brunswick	TBD	2020	8/15/2025	Originally intended to be a culvert but after discoveries with geotechnical reports, a bridge will be	
Trace Howell	U-5732	WMPO/CFRPO	US 17 Hampstead Median Project	Pender	IP	2027	4	9/15/2026	
Brian Harding	U-5932	CFRPO/GSATS	US 17 at NC 211 Interchange	Brunswick	2022	2	2027	2	6/15/2027
Mike Bass	R-5877	CFRPO	US 17 at NC 210 (Surf City) Green-T	Pender	2025	2027	6/17/2027		
Mike Bass	R-5899	CFRPO	Roundabout at NC 210 and Watts Landing Road (Surf City)	Pender	2026	2028	6/15/2028		
Mike Bass	R-5900	CFRPO	NC 210/NC 50 and Belt Rd RAB (Surf City)	Pender	2026	2028	6/20/2028		
Mike Bass	R-5947	CFRPO	Widen NC 211 to 4 lanes from SR 1112 (Sunset Harbor Rd) to NC 906 (Midway Rd)	Brunswick	2027	2029	6/19/2029		

Project is on hold	
Exception Granted	
Suspension Lifted	

Date Completed:2/4/2020

PO:CFRPO

Contact:Caitlin Marks910-341-2000  
cmmarks@ncdot.gov



Projects Under Construction							
Contract Number	Resident	TIP/WBS/Program	County	Description	Estimated Completion	Percent Complete	Comment
C204151	Alex Stewart	B-4438	Brunswick	Brunswick 47 on NC 211 over Bear Pen Island	Nov-20	18.48%	
C204185	Wayne Currie	HVBP	Brunswick	Old Oak Island Bridge (#14, NC 133 Country Club Dr) girder repair	Feb-20	97.81%	
DC00254	Lydia McKeel	R-5783C/D	Brunswick, Duplin, New Hanover, Onslow, Pender, Sampson	2019 TAP Curb Ramp	May-20	69.36%	
DC00265	TBD	N/A	;, Duplin, New Hanover, Pender	Long Line Pavement Marking	Nov-21	0%	Availability: June 1, 2020



## Cape Fear RPO Division 6 Columbus County Project Report - February 2020

### Active Projects: STIP/Bridge/Safety/Maintenance/Resurfacing, etc.

**C204115 (R-5749)**

CONSTRUCT INTERCHANGE AT US 74-76 AND SR 1001 (HALLSBORO ROAD)

R/W Date: 3-31-17

Let Date: 2-20-2018

Work Began: 4-25-2018

Original Completion Date: 11-19-2020

Revised Completion Date: 2-25-2021

Construction Progress: 70.34%

Contractor: BMCO Construction INC

Contract Amount: \$9,398,677

**C204133 (W-5601EV)**

US 74 IMPROVEMENTS - CONSTRUCT DIRECTIONAL CROSSEOVERS ON US 74 FROM SR 1824 WATER TANK RD TO JUST EAST OF THE BRUNSWICK COUNTY LINE IN COLUMBUS COUNTY. PROJECT INCLUDES INTERSECTION IMPROVEMENTS AND INSTALLING A TRAFFIC SIGNAL AT US 74/US 76 AT NC 87

R/W Date: 6-30-2017

Let Date: 8-21-2018

Work Began: 1-09-2019

Estimated Completion Date: 12-2020

Construction Progress: 35.3%

Contractor: Highland Paving Co LLC

Contract Amount: \$9,024,132

**DF00203**

RESURFACING, MILLING, WIDENING AND PAVEMENT MARKINGS ON SR 1352 (CHERRY STREET), SR 1403 (RAILROAD STREET), SR 1407 (CHURCH STREET), SR 1347 (FRONIS STRICKLAND ROAD AND NC 130 AND NC 905 IN COLUMBUS COUNTY - 23.87 miles

Let Date: 3-07-2018

Work Began: 7-24-2019

Estimated Completion Date: 8-30-2019

Construction Progress: 85.94%

Contractor: Barnhill Contracting Co

Contract Amount: \$3,469,047

**PROJECT COMPLETE**

**DF00229 (W-5706P)**

INSTALL THERMOPLASTIC PAVEMENT MARKINGS ON VARIOUS SECONDARY ROUTES IN BLADEN, COLUMBUS, CUMBERLAND AND HARNETT COUNTIES - 213.519 miles. COLUMBUS COUNTY LOCATIONS: SR 1001 (HALLSBORO ROAD), SR 1003 (SILVER SPOON ROAD), SR 1005 (PEACOCK ROAD), SR 1006 (ET RICHARDSON ROAD), SR 1006 (MM RAY ROAD), SR 1108 (RAMSEY FORD ROAD), SR 1125 (COX TOWN ROAD), SR 1154 (MINOS MEARES ROAD), SR 1157 (GOES TRAILER ROAD), SR 1159 (OLD TRAM ROAD), SR 1162 (ANTIOCH CHURCH ROAD), SR 1317 (CLARENDON CHADBOURN ROAD), SR 1428 (THOMPSON TOWN ROAD), SR 1436 (GEORGIA PACIFIC ROAD), SR 1459 (MIDWAY ROAD), SR 1534 (RED STORE ROAD), SR 1550 (CAMP GROUND ROAD), SR 1740 (OLD LAKE ROAD), SR 1972 (SOLES ROAD)

Let Date: 8-15-2018

Estimated Completion Date: 8-30-2019

Construction Progress: 88.3%

Contractor: Performance Sealing & Striping INC

Contract Amount: \$1,466,415

**PROJECT COMPLETE**



## Cape Fear RPO Division 6 Columbus County Project Report - February 2020

### Active Projects: STIP/Bridge/Safety/Maintenance/Resurfacing, etc.

**DF00233** RESURFACING, MILLING, PAVEMENT MARKINGS ON VARIOUS SECONDARY ROUTES IN COLUMBUS COUNTY - 31.4 miles. SR 1312 (VINEGAR HILL ROAD), SR 1314 (SIDNEY CHERRY GROVE ROAD), SR 1317 (CLARENDON CHADBOURN ROAD), SR 1318 (WILLIAMS ROAD), SR 1319 (OLD CRIBBTOWN ROAD), SR 1321 (FEEDMILL ROAD), SR 1322 (GARLAND DUNCAN ROAD), SR 1323 (F M CARTRET ROAD), SR 1326 (A D HINSON ROAD), SR 1327 (OLD CARTRETTE ROAD), SR 1329 (ROSELAND ROAD), SR 1332 (SELLERS TOWN ROAD), SR 1333 (BOSWELL ROAD), SR 1335 (MIDWAY DRIVE), SR 1336 (SHADE FISHER ROAD), SR 1337 (BRICE WARD ROAD), SR 1339 (MERCER ROAD), SR 1362 (C M CARTRETTE ROAD), SR 1378 (WILLIAMS ROAD), US 701

Let Date: 10-17-2018

Work Began: 10-01-2019

Original Completion Date: 10-30-2020

Revised Completion Date: 11-06-2020

Construction Progress: 11.14%

Contractor: Carolina Road Solutions, LLC

Contract Amount:\$1,992,603

#### **DF00240 (SS-4906DJ)**

REPLACE BRIDGE# 222, 226 & 230 ON SR 1700 (RED HILL ROAD) OVER RED HILL SWAMP IN COLUMBUS COUNTY

Let Date: 2-20-2019

Original Completion Date: 10-13-2020

Revised Completion Date: 11-09-2020

Construction Progress: 60.6%

Contractor: The Tara Group of Lumberton INC

Contract Amount: \$2,721,617

**SIGNED DETOUR ROUTE IS IN PLACE. RED HILL ROAD WILL REMAIN CLOSED DURING CONSTRUCTION**

#### **DF00267 (R-5013)**

INTERSECTION IMPROVEMENTS AT US 701/NC 410 (JOE BROWN HIGHWAY)

Let Date: 6-19-2019

Work Began: 9-23-2019

Estimated Completion Date: 10-02-2020

Construction Progress: 92.74%

Contractor: Barnhill Contracting Co

Contract Amount: \$984,750

**PROJECT COMPLETE**



Upcoming Projects: STIP Projects
<p><b>R-2561CA</b>  NC 87 AT NC 11 CONVERT AT-GRADE INTERSECTION TO INTERCHANGE  R/W &amp; Utilities: FY 2020  Construction to Begin: FY 2021  Project Cost: \$23,900,000</p>
<p><b>R-2561C</b>  WIDEN NC 87 TO MULTILANES FROM NC 11 TO US 74/76  R/W &amp; Utilities: FY 2029  Construction: UNFUNDED  Project Cost: \$105,408,000  <b>CURRENTLY ON PROJECT SUSPENSION LIST</b></p>
<p><b>R-5819 &amp; R-5820</b>  UPGRADE AT GRADE INTERSECTIONS: US 74/76 AT SR 1740 (R-5819 OLD LAKE ROAD) CONSTRUCT GRADE SEPARATION. US 74/76 AT SR 1735 (R-5820 CHAUNCEYTOWN ROAD) CONSTRUCT INTERCHANGE AND CONVERT CHAUNCEYTOWN ROAD/NC 214 INTERSECTION TO ROUNDABOUT  R/W acquisition &amp; Utilities: FY 2020  Construction to Begin: FY 2022  Project Cost (R-5819): \$10,735,000  Project Cost (R-5820): \$19,647,000  Combined Project Cost: \$30,382,000</p>
<p><b>R-5020A &amp; R-5020B</b>  R-5020A: US 701 BYPASS WIDEN TO MULTILANES FROM SOUTH OF SR 1166 (PLEASANT PLAINS ROAD) to SR 1437 (VIRGIL AVENUE) IN WHITEVILLE  Let Date: FY 2023; Construction to Begin FY 2024  R-5020B: US 701 BYPASS WIDEN TO MULTILANES FROM SR 1437 (VIRGIL AVENUE) to US 74/US 76 INTERCHANGE IN WHITEVILLE  Let Date: July 2020; Construction to Begin FY 2021 "B" SEGMENT - BUILD NC BOND PROJECT  R-5020A Project Cost: \$44,950,000  R-5020B Project Cost: \$29,050,000  Combined Project Cost: \$74,000,000</p>
<p><b>R-5797</b>  US 74 AT SR 1506 (OLD BOARDMAN ROAD/MACEDONIA CHURCH ROAD) UPGRADE AT-GRADE INTERSECTION TO INTERCHANGE  Let Date: FY 2021  Construction to Begin: FY 2021  Project Cost: \$29,600,000</p>
<p><b>W-5706S</b>  IMPROVEMENTS ON US 74/US 76 CONSTRUCT REDUCED CONFLICT INTERSECTIONS FROM SR 1836 (BYRDVILLE FREEMAN ROAD) TO EAST OF SR 1845 (MONEY HOLE ROAD)  RW Date: FY 2020  Let Date: FY 2021  Project Cost: \$3,312,850  PUBLIC MEETING WAS HELD 10/22/2019</p>



## Cape Fear RPO Division 6 Columbus County Project Report - February 2020

### Upcoming Projects: STIP Projects

**R-5952**

US 701 BYPASS AT SR 1305 (COMPLEX STREET) - UPGRADE INTERSECTION

R/W & Utilities: FY 2025

Construction to Begin: FY 2027

Project Cost: \$7,900,000

**CURRENTLY ON PROJECT SUSPENSION LIST**

**I-6011**

I-74, US 74, FROM NC 41 NEAR LUMBERTON TO US 76 NEAR CHADBOURN. UPGRADE US 74 TO INTERSTATE STANDARDS

R/W & Utilities: FY 2027

Construction: UNFUNDED

Project Cost: \$53,600,000

**CURRENTLY ON PROJECT SUSPENSION LIST**





STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

February 2020

Nazia Sarder  
Transportation Engineer  
NCDOT Transportation Planning Division  
1 South Wilmington Street  
Raleigh, NC 27601

TCC TPD UPDATES CAPE FEAR RPO  
February 2020

**New Business:**

**Columbus County CTP** – The CTP is ready for Public Involvement.

**Brunswick County Model:** The engineers and modeler are waiting for clarification on one FY project. Once this information is provided, the modeler and engineers will create the FY network and run the model.

**NCMOVES 2050:** Phase III of the NC Moves 2050 project is looking at what the transportation system will need in the future. It divides these needs into 10- and 30- year time spans. The phase consists of three tasks: Future Needs, Priorities, and Solutions.

**2020 NC Transportation Summit:** On January 8-9, experts from around the world shared their insight about new technologies and ways of thinking regarding the future of North Carolina's transportation system. Sign up for the NCMoves 2050 newsletter for continuous updates. Contact Nastasha Earle at NCDOT's Transportation Planning Division to sign up.

**Public Comment Opportunity for Future NCDOT Division 3 projects:** NCDOT Division 3 is encouraging area residents to provide input on what transportation projects they would like to see included in the NCDOT's 10-year transportation plan for 2023-2032. A 30-day public comment period to submit project ideas will be held between January 27-February 28.

*Mailing Address:*  
NC DEPARTMENT OF TRANSPORTATION  
TRANSPORTATION PLANNING BRANCH  
1554 MAIL SERVICE CENTER  
RALEIGH NC 27699-1554

*Telephone:* (919) 707-0900  
*Fax:* (919) 733-9794  
*Customer Service:* 1-877-368-4968

*Website:* [www.ncdot.gov](http://www.ncdot.gov)

*Location:*  
1 SOUTH WILMINGTON STREET  
RALEIGH, NC 27601



There will also be a three-day open house held at the NCDOT Division 3 office. Please contact Caitlin Marks with NCDOT's Division 3 for further information.

**Public Comment Opportunity for Future NCDOT Division 6 projects:** NCDOT Division 6 is encouraging area residents to provide input on what transportation projects they would like to see included in the NCDOT's 10-year transportation plan for 2023-2032. A 30-day public comment period to submit project ideas will be held between January 27-February 28. There will also be a three-day open house held at the NCDOT Division 6 office. Please contact Darius Sturdivant with NCDOT's Division 6 for further information.

**Watch for Me NC Seeks Partners for 2020:** The 2020 Watch for Me NC safety program is accepting applications until January 31. The program focuses on bicycle and pedestrian safety, education and enforcement.

**Traffic Forecast Updates:** in the Cape Fear RPO Area, here are some TF updates:

1. **U-4738 Brunswick New Hanover Cape Fear Crossing** 40114.1.2; TIP: U-4738; Assigned to: HNTB; Due date/status: ***Paused***



REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS  
HIGHWAY PROGRAM

CAPE FEAR RURAL PLANNING ORGANIZATION

STIP ADDITIONS

\* Y-5803  
BRUNSWICK  
DUPLIN  
NEW HANOVER  
ONslow  
PENDER  
SAMPSON  
**PROJ.CATEGORY**  
DIVISION

- GRAND STRAND METROPOLITAN  
PLANNING ORGANIZATION
- JACKSONVILLE URBAN AREA  
METROPOLITAN PLANNING ORGANIZATION
- WILMINGTON URBAN AREA  
METROPOLITAN PLANNING ORGANIZATION
- DOWN EAST RURAL PLANNING  
ORGANIZATION
- MID-CAROLINA RURAL PLANNING  
ORGANIZATION
- EASTERN CAROLINA RURAL PLANNING  
ORGANIZATION
- CAPE FEAR RURAL PLANNING  
ORGANIZATION

VARIOUS, TRAFFIC SEPARATION STUDY  
IMPLEMENTATION AND CLOSURES IN DIVISION 3.  
**PROJECT ADDED AT REQUEST OF RAIL DIVISION:**  
**INDIVIDUAL PROJECTS AND FUNDING TO BE**  
**REQUESTED IN THE FUTURE AS NEEDED.**

\* Y-5806  
BLADEN  
COLUMBUS  
CUMBERLAND  
HARNETT  
ROBESON  
**PROJ.CATEGORY**  
DIVISION

- FAYETTEVILLE URBANIZED AREA  
METROPOLITAN PLANNING ORGANIZATION
- LUMBER RIVER RURAL PLANNING  
ORGANIZATION
- CAPE FEAR RURAL PLANNING  
ORGANIZATION
- MID-CAROLINA RURAL PLANNING  
ORGANIZATION

VARIOUS, TRAFFIC SEPARATION STUDY  
IMPLEMENTATION AND CLOSURES IN DIVISION 6.  
**PROJECT ADDED AT REQUEST OF RAIL DIVISION:**  
**INDIVIDUAL PROJECTS AND FUNDING TO BE**  
**REQUESTED IN THE FUTURE AS NEEDED.**

\* INDICATES FEDERAL AMENDMENT

Thursday, November 7, 2019



# REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS HIGHWAY PROGRAM

CAPE FEAR RURAL PLANNING ORGANIZATION

## STIP ADDITIONS

* Z-5803 BRUNSWICK DUPLIN NEW HANOVER ONslow PENDER SAMPSON <b>PROJ.CATEGORY</b> DIVISION	<ul style="list-style-type: none"> <li>- GRAND STRAND METROPOLITAN PLANNING ORGANIZATION</li> <li>- JACKSONVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION</li> <li>- WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION</li> <li>- DOWN EAST RURAL PLANNING ORGANIZATION</li> <li>- MID-CAROLINA RURAL PLANNING ORGANIZATION</li> <li>- EASTERN CAROLINA RURAL PLANNING ORGANIZATION</li> <li>- CAPE FEAR RURAL PLANNING ORGANIZATION</li> </ul>	<p>VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS IN DIVISION 3.</p> <p><b><u>PROJECT ADDED AT REQUEST OF RAIL DIVISION: INDIVIDUAL PROJECTS AND FUNDING TO BE REQUESTED IN THE FUTURE AS NEEDED.</u></b></p>
* Z-5806 BLADEN COLUMBUS CUMBERLAND HARNETT ROBESON <b>PROJ.CATEGORY</b> DIVISION	<ul style="list-style-type: none"> <li>- FAYETTEVILLE URBANIZED AREA METROPOLITAN PLANNING ORGANIZATION</li> <li>- LUMBER RIVER RURAL PLANNING ORGANIZATION</li> <li>- CAPE FEAR RURAL PLANNING ORGANIZATION</li> <li>- MID-CAROLINA RURAL PLANNING ORGANIZATION</li> </ul>	<p>VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS IN DIVISION 6.</p> <p><b><u>PROJECT ADDED AT REQUEST OF RAIL DIVISION: INDIVIDUAL PROJECTS AND FUNDING TO BE REQUESTED IN THE FUTURE AS NEEDED.</u></b></p>

\* INDICATES FEDERAL AMENDMENT

Thursday, November 7, 2019



REVISIONS TO THE 2018-2027 AND 2020-2029 STIPS  
HIGHWAY PROGRAM

CAPE FEAR RURAL PLANNING ORGANIZATION

STIP MODIFICATIONS

* R-5020B	- CAPE FEAR RURAL PLANNING	US 701 BYPASS, SR 1437 (VIRGIL AVENUE) TO US 74/US	ENGINEERING	FY 2021 -	\$154,000	(T)
COLUMBUS	ORGANIZATION	76.		FY 2022 -	\$154,000	(T)
<b>PROJ.CATEGORY</b>		<b><u>PROJECT TO UTILIZE BUILD NC BONDS.</u></b>		FY 2023 -	\$154,000	(T)
DIVISION				FY 2024 -	\$154,000	(T)
				FY 2025 -	\$154,000	(T)
				FY 2026 -	\$154,000	(T)
				FY 2027 -	\$154,000	(T)
				FY 2028 -	\$154,000	(T)
				FY 2029 -	\$154,000	(T)
				FY 2030 -	\$154,000	(T)
				FY 2031 -	\$154,000	(T)
				FY 2032 -	\$154,000	(T)
				POST YR-	\$462,000	(T)
			BUILD NC CONST	FY 2021 -	\$944,000	(T)
				FY 2022 -	\$944,000	(T)
				FY 2023 -	\$944,000	(T)
				FY 2024 -	\$944,000	(T)
				FY 2025 -	\$944,000	(T)
				FY 2026 -	\$944,000	(T)
				FY 2027 -	\$944,000	(T)
				FY 2028 -	\$944,000	(T)
				FY 2029 -	\$944,000	(T)
				FY 2030 -	\$944,000	(T)
				FY 2031 -	\$944,000	(T)
				FY 2032 -	\$944,000	(T)
				POST YR-	\$2,832,000	(T)
			CONSTRUCTION	FY 2021 -	\$6,400,000	(T)
				FY 2022 -	\$6,400,000	(T)
					\$29,270,000	

\* INDICATES FEDERAL AMENDMENT

Thursday, January 9, 2020