



NORTHWEST PIEDMONT
RURAL PLANNING ORGANIZATION

TECHNICAL COORDINATING COMMITTEE (TCC) MEETING &
REGIONAL CTP STEERING COMMITTEE MEETING
TUESDAY, FEBRUARY 18 | 11:30 AM
THE HERITAGE CENTER
257 STANDARD STREET, ELKIN, NC 28621

AGENDA

WELCOME & ETHICS STATEMENT	SARA HARRIS
ACTION ITEMS	
I. TCC MINUTES – OCTOBER 15, 2019	SARAH HARRIS
II. APPROVE 2020 MEETINGS CALENDAR	LYNN COCHRAN
III. ELECTION OF OFFICERS	SARAH HARRIS
IV. DRAFT FY 2020-2021 PLANNING WORK PROGRAM	LYNN COCHRAN
V. REGIONAL CTP UPDATE INCLUDING SOCIOECONOMIC DATA FOR DAVIE, SURRY & YADKIN COUNTIES; ENDORSEMENT OF REGIONAL S.E. DATA FOR THE TAC MEETING	TPD STAFF/LYNN COCHRAN
DISCUSSION ITEMS	
VI. PRIORITIZATION 6.0 PROJECT REVIEW	LYNN COCHRAN/JESSE DAY
INFORMATION ITEMS	
VII. DIVISION 9 UPDATES	DIVISION STAFF
VIII. DIVISION 11 UPDATES	DIVISION STAFF
IX. FISCAL YEAR 2020-2021 PROPOSED DUES	LYNN COCHRAN
NEW BUSINESS	TCC MEMBERS
ADJOURN	SARAH HARRIS

NEXT MEETING: TUESDAY, APRIL 21, 2020
LOCATION: YADKINVILLE COMMISSIONERS CHAMBERS: 217 E. WILLOW ST, YADKINVILLE, NC 27055



NORTHWEST PIEDMONT
RURAL PLANNING ORGANIZATION

Agenda Item

AGENDA ITEM I

TCC MINUTES APPROVAL – OCTOBER 15, 2019

BACKGROUND

SEE ATTACHED MINUTES FROM OCTOBER 15, 2019

ACTION REQUESTED

APPROVAL OF MINUTES.



Technical Coordinating Committee (TCC) Meeting
Tuesday, October 15, 2019 • 12 pm.
Yadkin County Board of Commissioners Chambers
Yadkinville, NC

MINUTES

Attendees

Reuben Crummy, NCDOT/TPD
Michael Abuya, NCDOT/TPD
Jesse Day, NWPRPO
Sean Sizemore, NCDOT 11
Perry Williams, Yadkinville
Andy Goodall, Mt. Airy
Michael Pardue, Jonesville
Kyle Laird, PART
Sarah Harris, Elkin
Lisa Hughes, Yadkin County
George Crater, Surry Airport

Daryl Vreeland NCDOT/TPD
Lynn Cochran, NWPRPO
Rob Weisz, NCDOT 11
Phillip Craver, NCDOT 9
Kim Wells, Booneville
Dawn Vallieres, Yadkin County
Sheila Weathers, Yadkinville
David Sudderth, Stokes County
Chris Knopf, Surry County
Daniel White, Surry Parks
Michael Boaz, Pilot Mtn.

Welcome and Ethics Statement

Sarah Harris

Action Items

- I. TCC Minutes – August 20, 2019

Sarah Harris

Motion: Lisa Hughes; Second: Chris Knopf, Unanimous

Discussion Items

- II. Comprehensive Transportation Plan Update TPD Staff, Lynn Cochran

NCDOT Transportation Planning Division Staff provided the committee with an update on the Regional Comprehensive Transportation Plan (CTP). This included a review of draft socioeconomic (SE) data for Davie, Surry and Yadkin Counties, along with the draft Vision Statement. Endorsement of the SE data will be sought from each county's Board of Commissioners, the TCC & TAC in the near future. Mr. Cochran also provided an update on the progress of the CTP public survey to-date.

III. P6.0 Project Draft Submission List

Jesse Day

Mr. Day reviewed the P6.0 prioritization worklists and each mode with the group. There was no discussion. Projects will continue to undergo evaluation, revision and review in preparation for submission for SPOT scoring May 1, 2020.

Informational Items

IV. Division 9 Updates

Division Staff

Mr. Craver provided a checklist on current construction projects throughout Davie and Stokes counties.

V. Division 11 Updates

Division Staff

No Update.

VI. RPO Updates

Lynn Cochran/Jesse Day

Mr. Cochran introduced himself as the new NWPRPO administrator, stating that he looks forward to working with everyone. Mr. Cochran provided an update on the Yadkin Valley Bike Plan. Mr. Day reminded everyone of the upcoming BikeWalk Summit being held in Winston-Salem November 7, 2019.

VII. NC BOT Updates

Lynn Cochran/Jesse Day

Mr. Day provided the committee with an update on current NCDOT funding challenges.

New Business

TCC Members

No new business.

Adjournment

Sarah Harris

Next Scheduled Meeting: Tuesday, December 17, 2019 12pm
PTRC Offices, Kernersville NC



NORTHWEST PIEDMONT
RURAL PLANNING ORGANIZATION

Agenda Item

AGENDA ITEM II

REVIEW AND APPROVE THE TECHNICAL COORDINATING COMMITTEE CALENDAR OF MEETINGS FOR 2020

BACKGROUND

SEE ATTACHED CALENDAR.

ACTION REQUESTED

APPROVE CALENDAR MEETING DATES AND LOCATIONS



NORTHWEST PIEDMONT
RURAL PLANNING ORGANIZATION

CALENDAR YEAR 2020 TCC & TAC MEETINGS
ALL REGULAR TCC MEETINGS BEGIN AT 12:00 PM
ALL REGULAR TAC MEETINGS BEGIN AT 10:30 AM

FEBRUARY 18, 2020 (TCC)
THE HERITAGE CENTER: 257 STANDARD STREET, ELKIN, NC 28621
FEBRUARY 19, 2020 (TAC - PTRC)

APRIL 21, 2020 (TCC – YADKINVILLE)
COMMISSIONERS’ CHAMBERS: 217 EAST WILLOW STREET,
YADKINVILLE, NC 27055
APRIL 22, 2020 (TAC – PTRC)

JUNE 16, 2020 (TCC - KERNERSVILLE)
LARGE CONFERENCE ROOM: 1398 CARROLLTON CROSSING DRIVE,
KERNERSVILLE, NC 27284
JUNE 17, 2020 (TAC - PTRC)

AUGUST 18, 2020 (TCC – PILOT MOUNTAIN)
AUGUST 19, 2020 (TAC – PTRC)

OCTOBER 20, 2020 (TCC – MT. AIRY)
OCTOBER 21, 2020 (TAC – PTRC)

DECEMBER 15, 2020 (TCC)
THIRD FLOOR ADMINISTRATION BUILDING:
1014 MAIN STREET, DANBURY, NC 27016
DECEMBER 16, 2020 (TAC – PTRC)



NORTHWEST PIEDMONT
RURAL PLANNING ORGANIZATION

Agenda Item

AGENDA ITEM III

ELECTIONS OF TCC CHAIRPERSON AND VICE-CHAIRPERSON

BACKGROUND

THE CURRENT TCC CHAIRPERSON (SARAH HARRIS) AND VICE-CHAIRPERSON (DAWN VALLIERES) WERE ELECTED AT THE DECEMBER 2017 TCC MEETING. EACH HAS SERVED THE MAXIMUM TWO-YEAR TERM OF SERVICE (2018-2019) AS DESCRIBED IN THE TCC BYLAWS. REPLACEMENTS FOR CHAIR AND VICE-CHAIR MUST BE SELECTED FROM TCC MEMBERSHIP TO SERVE FOR THE 2020 CALENDAR YEAR. THOSE ELECTED TO THESE SEATS MAY ALSO SERVE AN ADDITIONAL TERM FOR THE 2021 CALENDAR YEAR IF THE TCC MEMBERSHIP CHOOSES.

ACTION REQUESTED

CALL FOR NOMINATIONS AND ELECTION OF CY 2020 TCC CHAIR AND VICE-CHAIR



Agenda Item

AGENDA ITEM IV

DRAFT PLANNING WORK PLAN: FISCAL YEAR 2021

BACKGROUND

EACH YEAR, THE NWPRPO PLANNING WORK PLAN REQUIRES REVIEW AND REVISION AS NEEDED. ATTACHED IS THE DRAFT PLANNING WORK PLAN FOR FY 20-21. OVERALL, THERE IS A VERY SLIGHT INCREASE IN PLANNED EXPENDITURES.

THERE ARE NO ANTICIPATED EXPENDITURE CHANGES TO DATA COLLECTION & ASSESSMENT; PROGRAM & PROJECT DEVELOPMENT; PROGRAMMATIC DIRECT CHARGES; ADVERTISING; LODGING, MEALS & INCIDENTALS; POSTAGE; REGISTRATION/TRAINING; TRAVEL, OR COGNIZANT AGENCY APPROVED INDIRECT COSTS.

THERE IS AN ANTICIPATED MODERATE DECREASE IN COMPREHENSIVE TRANSPORTATION (CTP) DEVELOPMENT EXPENDITURES AS THE REGIONAL CTP DEVELOPMENT AND APPROVAL PROCESS IS SCHEDULED TO CONCLUDE AT THE END OF CALENDAR YEAR 2020.

THERE IS A SLIGHT TO MODERATE INCREASE ANTICIPATED IN PRIORITIZATION; GENERAL TRANSPORTATION PLANNING; AND ADMINISTRATIVE ACTIVITIES EXPENDITURES.

THE ENDORSED DRAFT PLANNING WORK PLAN MUST BE SUBMITTED TO THE NWPRPO TRANSPORTATION PLANNING DIVISION COORDINATOR BY FEBRUARY 28, 2020.

ACTION REQUESTED

REVIEW & ENDORSEMENT OF THE NWPRPO FISCAL YEAR 2021 DRAFT PLANNING WORK PLAN

CATEGORY	RPO PROGRAM FUNDS			TOTAL	
	LOCAL	STATE		80%	
	20%	80%			
	\$ 2,400	\$ 9,600	\$ 12,000		\$ 12,000
PLAN (CTP) DEVELOPMENT	\$ 1,600	\$ 6,400	\$ 8,000		\$ 8,000
	\$ 3,645	\$ 14,580	\$ 18,225		\$ 18,225
	\$ 400	\$ 1,600	\$ 2,000		\$ 2,000
	\$ 3,800	\$ 15,200	\$ 19,000		\$ 19,000
MINING AND POLICIES	\$ 3,200	\$ 12,800	\$ 16,000		\$ 16,000
	\$ 3,000	\$ 12,000	\$ 15,000		\$ 15,000
	\$ 250	\$ 1,000	\$ 1,250		\$ 1,250
	\$ 500	\$ 2,000	\$ 2,500		\$ 2,500
	\$ -	\$ -	\$ -		\$ -
	\$ 250	\$ 1,000	\$ 1,250		\$ 1,250
	\$ 900	\$ 3,600	\$ 4,500		\$ 4,500
ZONING AGENCY FY 18-19	\$ 6,649	\$ 26,594	\$ 33,243		\$ 33,243
	\$ 26,594	\$ 106,374	\$ 132,968		\$ 132,968

1st Quarter Amendment Table				
Original Budgeted Amount	Net Change	New 1st Quarter Budgeted Amount	Date: Day/Month/20XX	
\$ 12,000	\$ -	\$ 12,000	I. DATA COLLECTION AND ASSESSMENT	
\$ 8,000	\$ -	\$ 8,000	II. TRANSPORTATION PLANNING	
\$ 18,225	\$ -	\$ 18,225	Provide explanation for moving funds from one category to another.	
\$ 2,000	\$ -	\$ 2,000	Provide explanation for moving funds from one category to another.	
\$ 19,000	\$ -	\$ 19,000	Provide explanation for moving funds from one category to another.	
\$ 16,000	\$ -	\$ 16,000	III. ADMINISTRATION OF TRANS PLANNING & POLICIES	
\$ 15,000	\$ -	\$ 15,000	IV. DIRECT COSTS	
\$ 1,250	\$ -	\$ 1,250	Provide explanation for moving funds from one category to another.	
\$ 2,500	\$ -	\$ 2,500	Provide explanation for moving funds from one category to another.	
\$ -	\$ -	\$ -	Provide explanation for moving funds from one category to another.	
\$ 1,250	\$ -	\$ 1,250	Provide explanation for moving funds from one category to another.	
\$ 4,500	\$ -	\$ 4,500	Provide explanation for moving funds from one category to another.	
\$ 33,243	\$ -	\$ 33,243	V. INDIRECT COSTS	
\$ 132,968	\$ -	\$ 132,968	Provide explanation for moving funds from one category to another.	

2nd Quarter Amendment Table				
Original Budget With Previous Q Amendment(s)	Net Change	New 2nd Quarter Budgeted Amount	Date: Day/Month/20XX	
\$ 12,000	\$ -	\$ 12,000	I. DATA COLLECTION AND ASSESSMENT	
\$ 8,000	\$ -	\$ 8,000	II. TRANSPORTATION PLANNING	
\$ 18,225	\$ -	\$ 18,225	Provide explanation for moving funds from one category to another.	
\$ 2,000	\$ -	\$ 2,000	Provide explanation for moving funds from one category to another.	
\$ 19,000	\$ -	\$ 19,000	Provide explanation for moving funds from one category to another.	
\$ 16,000	\$ -	\$ 16,000	III. ADMINISTRATION OF TRANS PLANNING & POLICIES	
\$ 15,000	\$ -	\$ 15,000	IV. DIRECT COSTS	
\$ 1,250	\$ -	\$ 1,250	Provide explanation for moving funds from one category to another.	
\$ 2,500	\$ -	\$ 2,500	Provide explanation for moving funds from one category to another.	
\$ -	\$ -	\$ -	Provide explanation for moving funds from one category to another.	
\$ 1,250	\$ -	\$ 1,250	Provide explanation for moving funds from one category to another.	
\$ 4,500	\$ -	\$ 4,500	Provide explanation for moving funds from one category to another.	
\$ 33,243	\$ -	\$ 33,243	V. INDIRECT COSTS	
\$ 132,968	\$ -	\$ 132,968	Provide explanation for moving funds from one category to another.	

3rd Quarter Amendment Table				
Original Budget With Previous Q Amendment(s)	Net Change	New 3rd Quarter Budgeted Amount	Date: Day/Month/20XX	
\$ 12,000	\$ -	\$ 12,000	I. DATA COLLECTION AND ASSESSMENT	
\$ 8,000	\$ -	\$ 8,000	II. TRANSPORTATION PLANNING	
\$ 18,225	\$ -	\$ 18,225	Provide explanation for moving funds from one category to another.	
\$ 2,000	\$ -	\$ 2,000	Provide explanation for moving funds from one category to another.	
\$ 19,000	\$ -	\$ 19,000	Provide explanation for moving funds from one category to another.	
\$ 16,000	\$ -	\$ 16,000	III. ADMINISTRATION OF TRANS PLANNING & POLICIES	
\$ 15,000	\$ -	\$ 15,000	IV. DIRECT COSTS	
\$ 1,250	\$ -	\$ 1,250	Provide explanation for moving funds from one category to another.	
\$ 2,500	\$ -	\$ 2,500	Provide explanation for moving funds from one category to another.	
\$ -	\$ -	\$ -	Provide explanation for moving funds from one category to another.	
\$ 1,250	\$ -	\$ 1,250	Provide explanation for moving funds from one category to another.	
\$ 4,500	\$ -	\$ 4,500	Provide explanation for moving funds from one category to another.	
\$ 33,243	\$ -	\$ 33,243	V. INDIRECT COSTS	
\$ 132,968	\$ -	\$ 132,968	Provide explanation for moving funds from one category to another.	

Approved by the TAC on: _____ 20__

Approved by the TAC on: _____ 20__

Approved by the TAC on: _____ 20__

Chairman

Ensure NWRPO is compliant with Title VI requirement; update Environmental Justice and Limited English Proficiency (LEP) Assessment.

TRANSPORTATION PLANNING
COMPREHENSIVE TRANSPORTATION PLAN (CTP) DEVELOPMENT \$ 8,000.00

Develop CTP Vision

Conduct CTP Needs Assessment
 Conduct public workshop(s)

Analyze Alternatives and Environmental Screening
 Assist with alternatives and environmental screenings for CTP.

Develop Final Plan
 Assist with development of maps for CTP; assist with Draft CTP report

Adopt Plan
 Final CTP draft; prepare adoption resolutions for Regional CTP; attend presentation of CTPs to County and Municipal boards.

PROJECT PRIORITIZATION \$ 18,225.00

Project Prioritization
 Prepare and present to TCC/TAC Committed, Carryover, Holding Tank, and Deleted projects; hold meeting in each county to solicit new projects; obtain TCC/TAC approval of projects; gather data for highway projects and enter highway and non-highway projects into SPOT On!ine; discuss Alternative Criteria rates with other RPO/MPOs and Divisions; attend SPOT training; update Local Methodology; carry out steps of Methodology; post information on website as required by Methodology.

PROGRAM AND PROJECT DEVELOPMENT \$ 2,000.00

PIP Participation
 Review status of projects in STIP, report to TCC/TAC.

Merger / Project Development
 Attend merger meetings. Attend project officials and public meetings.

REGIONAL TRANSPORTATION PLANNING \$ 19,000.00

Regional and Statewide Planning

Attend NCARPO quarterly meetings, MPO conference, RPO America conference, NC APA conference; NC Rural Center trainings, GIS conferences, NC Safe Routes to School conferences, NC Moves 2050 activities, WSMPO TCC and CTP/MTP steering committee, NC Complete Streets conferences and workshops, and other conferences as necessary; participate in NCARPO subcommittee meetings; participate in state workgroup meetings; stay up-to-date on Joint Legislative Transportation Oversight Committee meetings and report to Executive Committee and TCC/TAC as needed; assist municipalities and counties on transportation related projects; participate in Integrated Mobility workshops and development; serve as member of WSMPO pedestrian planning committee and Davie County bike/ped plan steering committee

Special Studies, Projects and Other Trainings
 Provide planning and support for Piedmont Legacy Trails and other bicycle and pedestrian programs and projects; aid in CMAQ and other air quality outreach and education grants, trainings or programs; attend trainings including facilitation and GIS training; Piedmont Transportation Professionals meetings and trainings.

ADMINISTRATION OF TRANSPORTATION PLANNING AND POLICIES

ADMINISTRATIVE ACTIVITIES \$ 16,000.00

Administrative Documents
 Prepare, obtain approval, and submit PWP and needed amendments; prepare and submit Quarterly Reports and Final Yearly Narrative; update MOU and PIP as needed.

TCC / TAC Work Facilitation; Ethics Compliance
 Prepare minutes, agendas, materials, speakers, etc. for and hold TCC and TAC meetings; inform TCC of ethics information and deadlines; assist TAC members with ethics forms.

Program Administration
 Providing transportation information and data; contact NCDOT staff concerning questions from officials, citizens and TAC /TCC members; update website; perform daily tasks including phone calls, emails, etc.

PROJECT COSTS

PROGRAMMATIC DIRECT CHARGES \$ 15,000.00

Program-wide Direct Costs
 Direct costs include telephone, occupancy, dues and subscriptions, supplies and computer equipment and services including a new plotter and ArcGIS and Adobe Cloud license.

ADVERTISING \$ 1,250.00

News Media Ads
 Advertising costs for Public Hearings, workshops etc; targeted paid advertisements on social media sites.

TRAVEL, MEALS, INCIDENTALS \$ 2,500.00

Hotel Costs
 Hotel costs associated with attending conferences, meetings, workshops and trainings hosted outside the 12 counties covered by the Piedmont Triad Regional Council including: NCARPO quarterly meetings, MPO conference, RPO America conference, NC APA conference; NADO conference, NC Rural Center trainings, GIS conferences, NC Safe Routes to School conferences, NC Complete Streets conferences and workshops, facilitation training, GIS training, and other conferences and trainings as necessary.

Meal Costs
 Meal costs while on overnight or extended travel.

Incidentals
 Hotel parking, tips, etc.

MAILINGS \$ -

CONFERENCE REGISTRATION / TRAINING \$ 1,250.00

Conference Registration
 RPO conference, RPO America conference, NC APA conference; NC Rural Center trainings, NC Complete Streets training, GIS training, and other conferences and trainings as necessary.



NORTHWEST PIEDMONT
RURAL PLANNING ORGANIZATION

NWPRPO REGIONAL CTP SURVEY RESULTS



CTP Steering Committee Meeting

January 21, 2019

(Survey Period: August 1, 2019 to November 15, 2019)

1 Goals and Objectives Survey

WELCOME

A Regional Comprehensive Transportation Plan

Thank you for providing much needed community input for the Northwest Piedmont Regional Comprehensive Transportation Plan for Davie, Surry, and Yadkin Counties.



Join in creating long range transportation strategies across the region



Northwest Piedmont RPO

CTP Goals and Objectives

<https://odm0120-Regionatipac-demo.metroquest.com>

Jul 31, 19 - Nov 19, 19

The engagement period is over.

[Enter Print Mode](#)

[Data Center](#)
[← Back](#)

- [1: WELCOME](#)
- [2: PRIORITY R...](#)
- [3: STRATEGY ...](#)
- [4: MAP MARKE...](#)
- [5: WRAP UP](#)

[Data Center Introduction](#)

[→ PARTICIPANTS](#) → [URLS](#) → [PLATFORMS](#) → [VISITS](#) → [ALL](#)

Total number of participants over time.

Participants
175



Type: [Welcome Screen](#)

Data points for this Site:

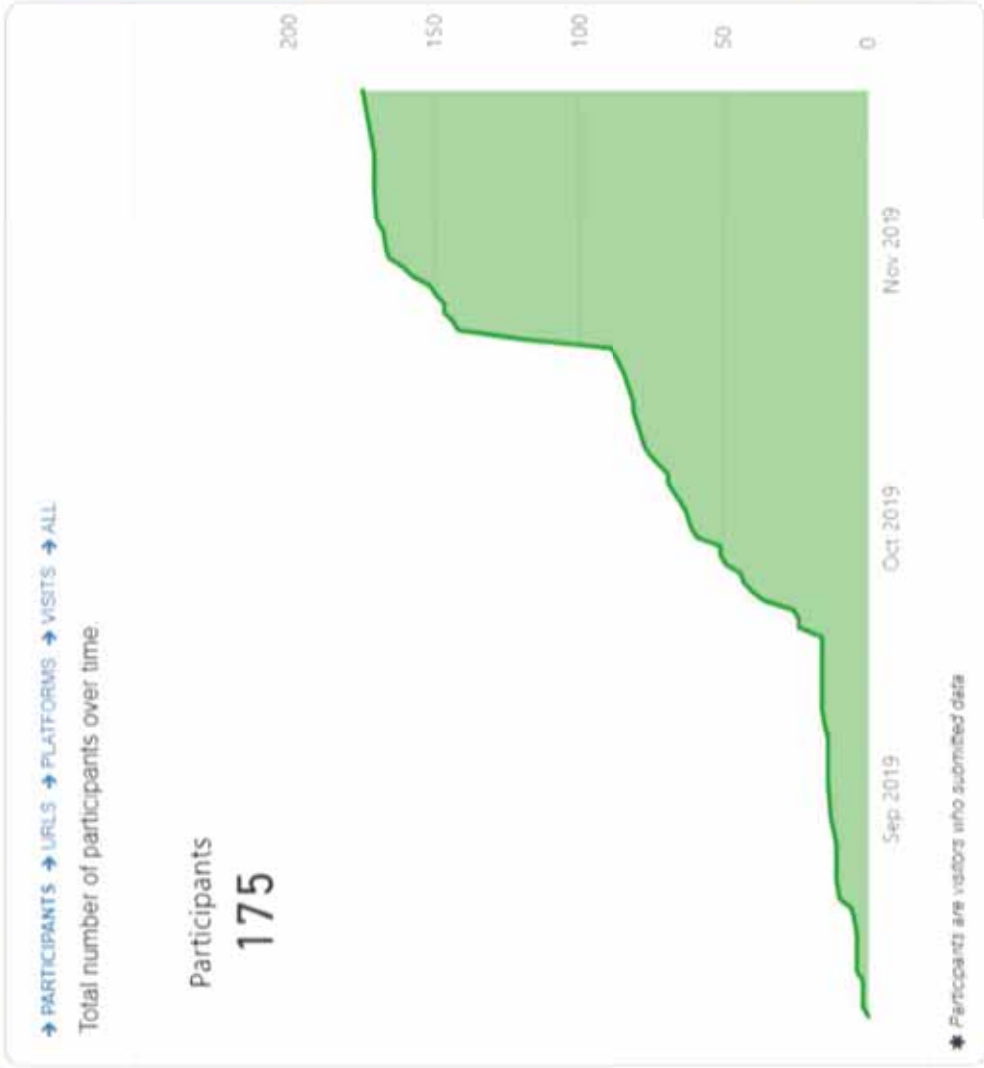
Participants: **175**
 All data points: **3247**
 All comments: **294**

↓ Excel downloads

- [Traffic Data](#) Nov 13 14:06 [Refresh](#)
- [Crosstab Data](#) Dec 18 14:50 [Refresh](#)

[Generate Session Data](#)

! Crosstab and Session reports may take up to 30 min to generate



* Participants are visitors who submitted data

2

PRIORITY RANKING

Transportation Priorities

.....

Order your top 5 items above this line ↑

- Safety Improvements
- New Roads and Locations
- Modernization
- Public Transportation
- Railroads
- Bicycle and Pedestrian
- Highway Capacity
- Airports

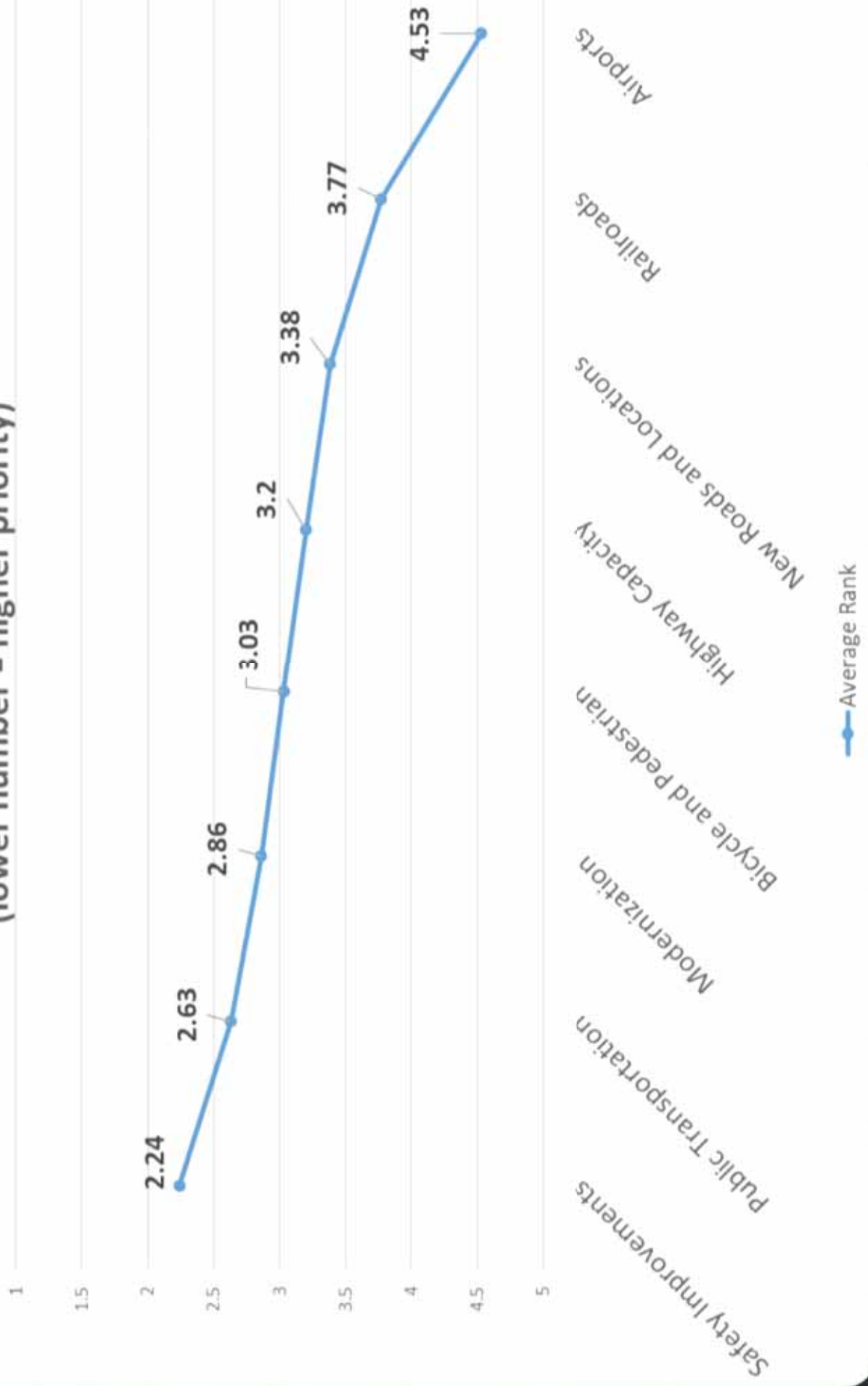
 Suggest another

Tell us your top transportation priorities by placing the following planning issues in order.



Please drag 5 of the items above the line in your preferred order.

Overall Priority Rankings (lower number = higher priority)



Selected Comments (27 Total)

Public Transportation: “Need more public transportation that serve all Surry County and surrounding counties.” And, “...more affordable and broader transportation options are needed.”

Safety Improvements: “We need safer travel routes to and from Winston-Salem, High Point, Greensboro, Elkin, Dobson.”

Highway Capacity: “Another way for DOT to say ‘We’re widening the road!’”

Bicycle and Pedestrian: “Bicycle lanes are needed in Mt. Airy.” And, “Too much hate from cars toward bikes.”

Goal and Objective Ranking

Highway

Bicycle and
Pedestrian

Public Transit



Please rank these 5 highway strategies in order of importance for your community. 5 Stars = Most Important, 1 Star=Least Important

Safety

Safety of all road users should be considered above all benefits.



Comment

Commerce

Transportation enhancements should enhance access to commercial districts.



Comment

Freight

Improvements should strengthen manufacturer and distributor operations



Comment

Community

Improvement should emphasize traditional community design and a human scale



Comment

Conservation

Improvements should minimize impacts to conservation areas and open space.

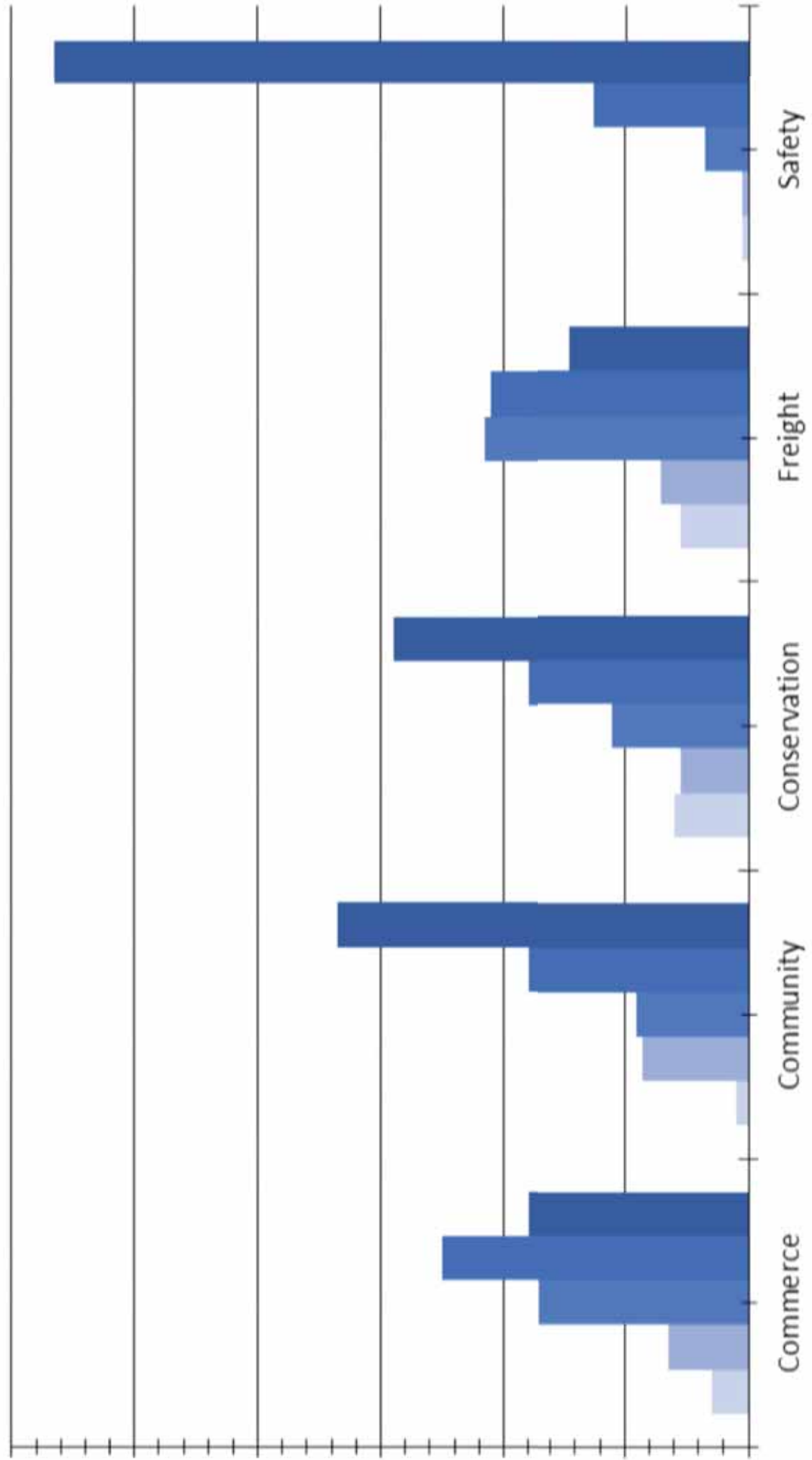


Comment

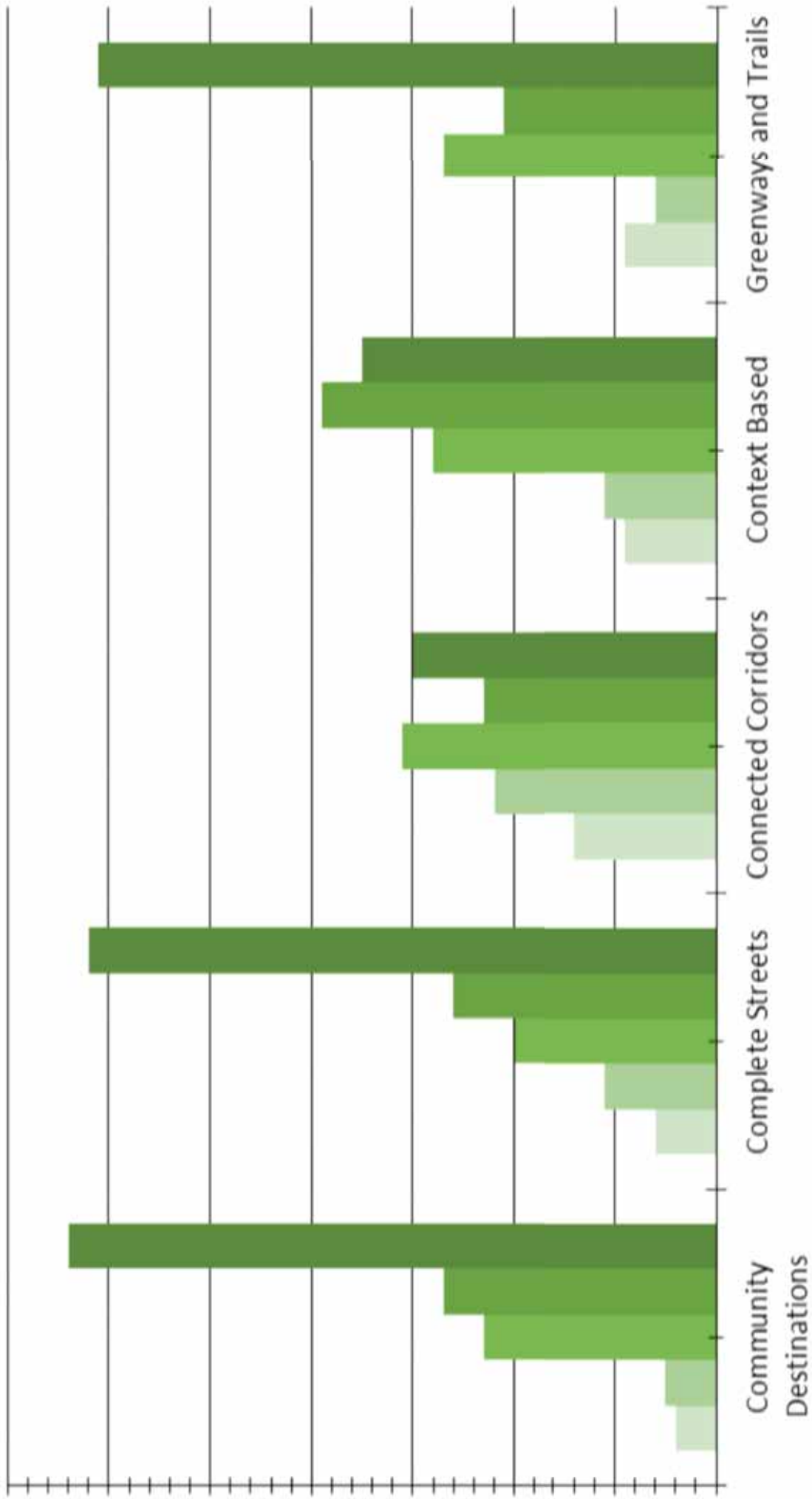
Suggest another

Next Category

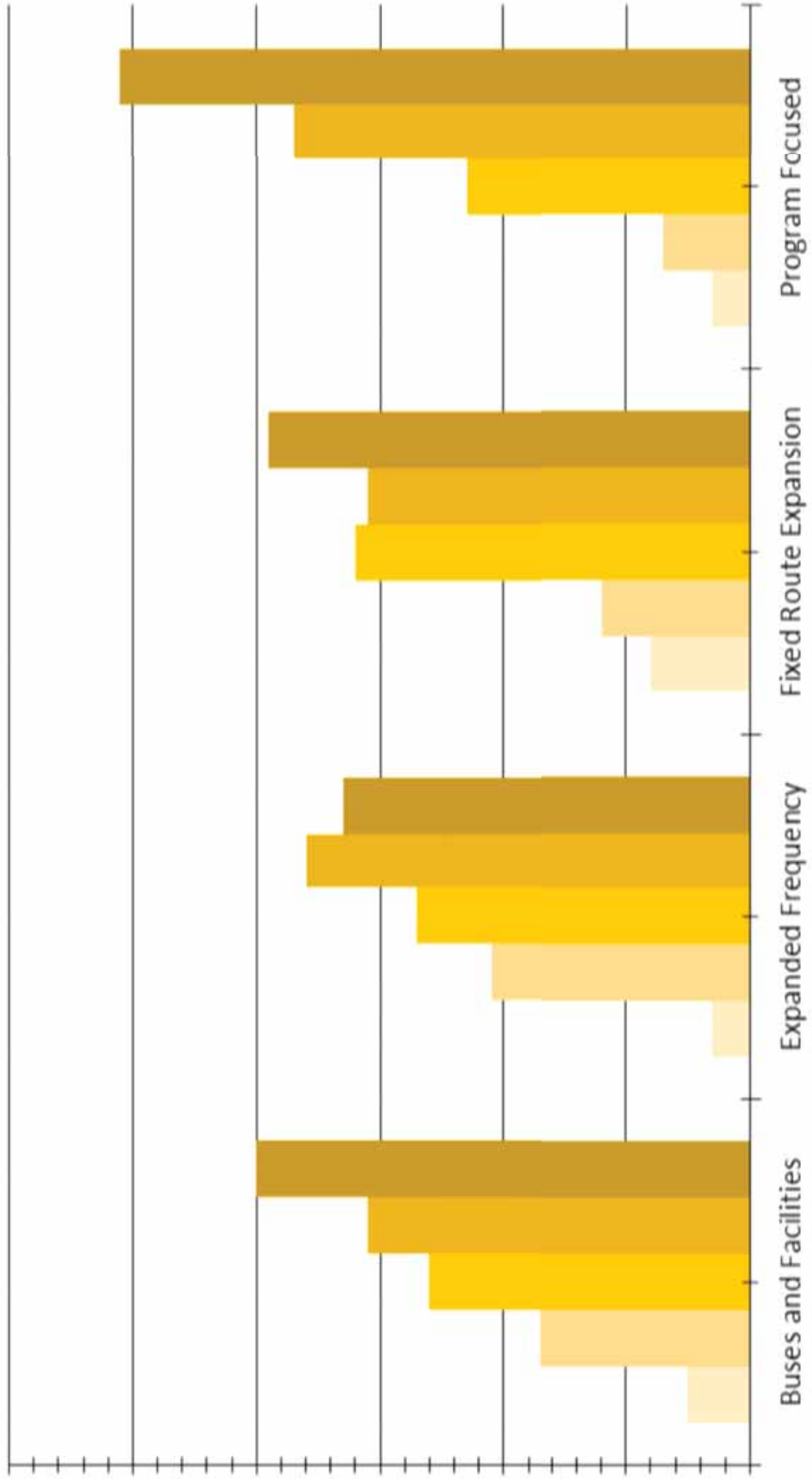
Highway



Bicycle and Pedestrian



Public Transit



Selected Comments (37 Total)

Community: “Modern solutions can be an enjoyable contrast to traditional.”

Complete Streets: “We need more sidewalks and bike lanes.”

Expanded Frequency: Multiple comments mentioned the need for a bus route to Surry Community College.

Greenways & Trails: “We definitely need more greenways and parks.”

Northwest Piedmont RPO

CTP Goals and Objectives

<https://dotnev03-fpagon-spar-demo.metroquest.com>

Data Center

← BACK

Jul 31, 19 - Nov 19, 19

This engagement period is over
Enter Print Mode



1. WELCOME



2. PRIORITY R...



3. STRATEGY ...



4. MAP MARKE...



5. WRAP UP

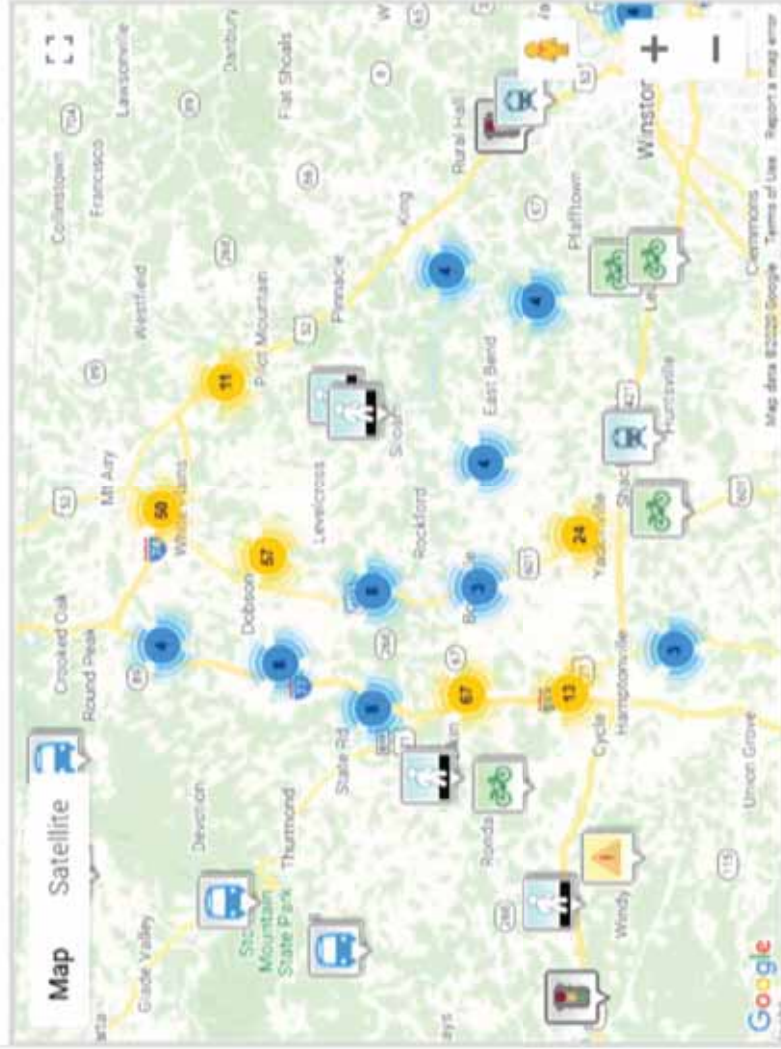


Data Center Introduction

4. MAP MARKERS

→ MAP MARKERS

A map showing the distribution of map markers by type



Type Map Marker Screen

Data points for this Screen:

Markers: **373**

Marker attributes: **1119**

Comments: **234**

↓ Excel Downloads

Screen Data

Nov 19 12:30 Refresh

Fusion Table

Dec 18 15:11 Refresh

Map Styles

MetroQuest Icons



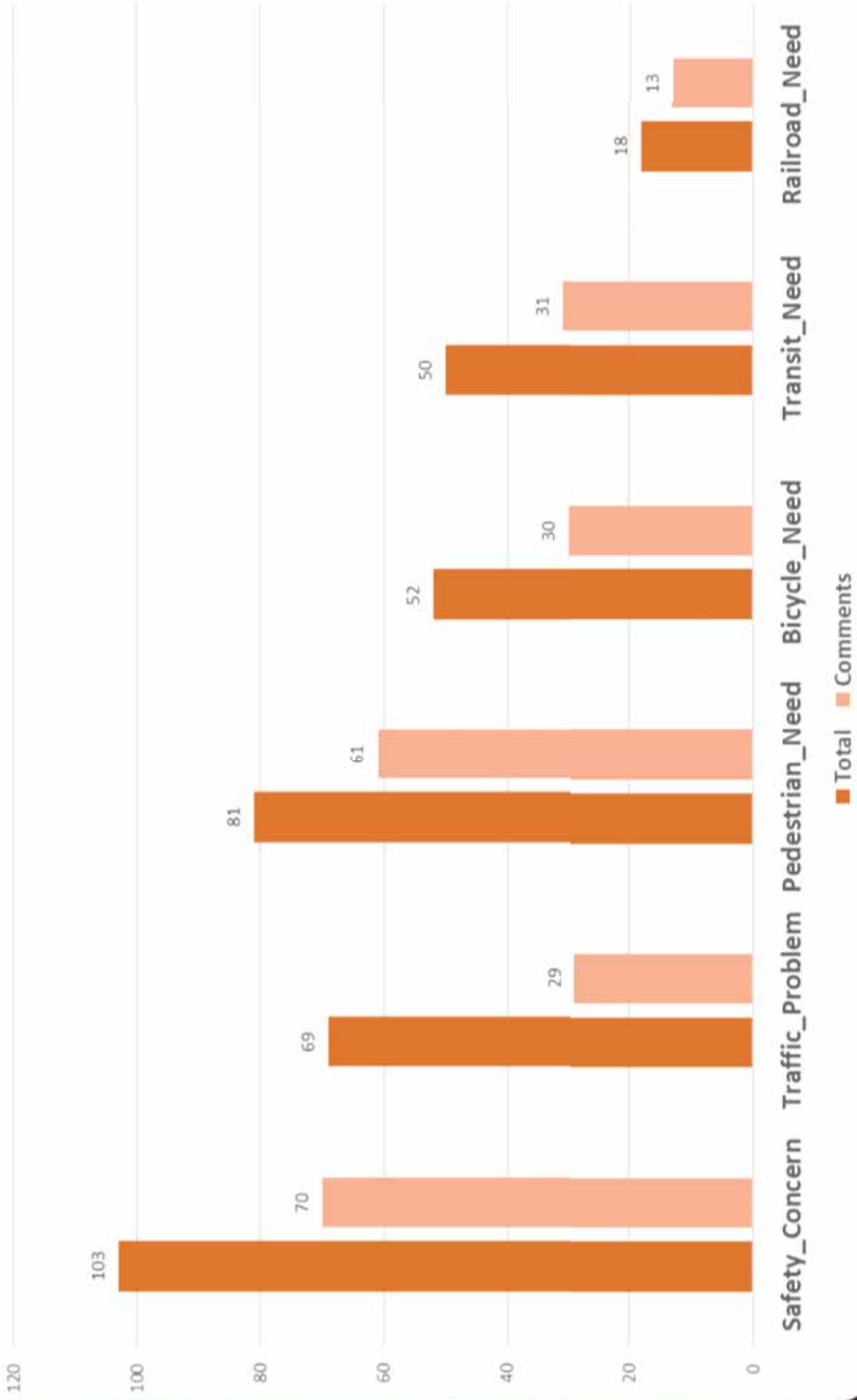
Bicycle Need

Transit Need

Railroad Need

Railroad Need

Map Marker Summary



Comments Summary (234 Total)

23

We received more comments on the map marker screen by far. Emergent themes included:

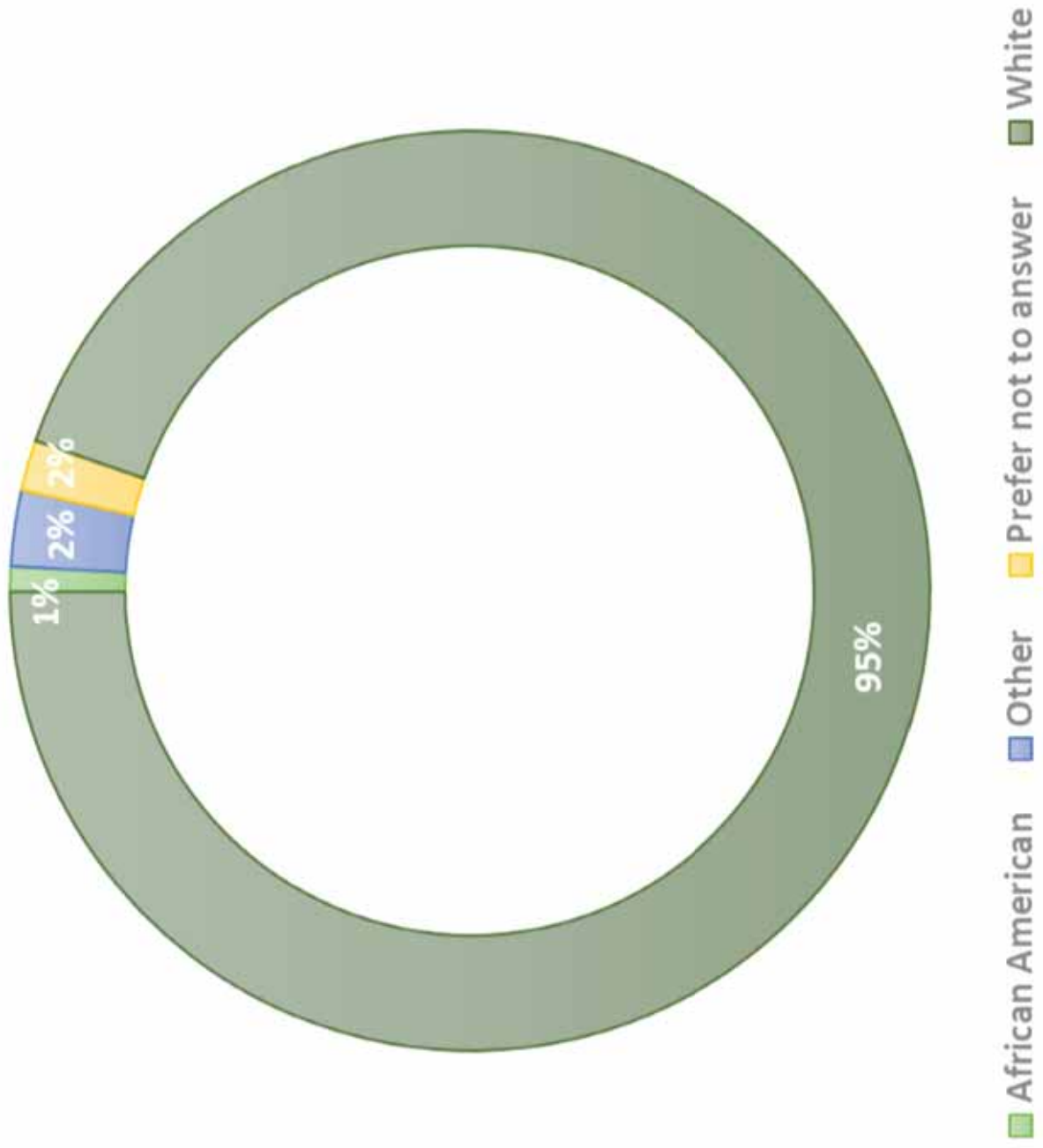
Safety concerns topped the list with multiple comments identifying and describing safety concerns at specific map points across the region. The same is true of traffic concerns.

Connected greenways, blueways and scenic byways.

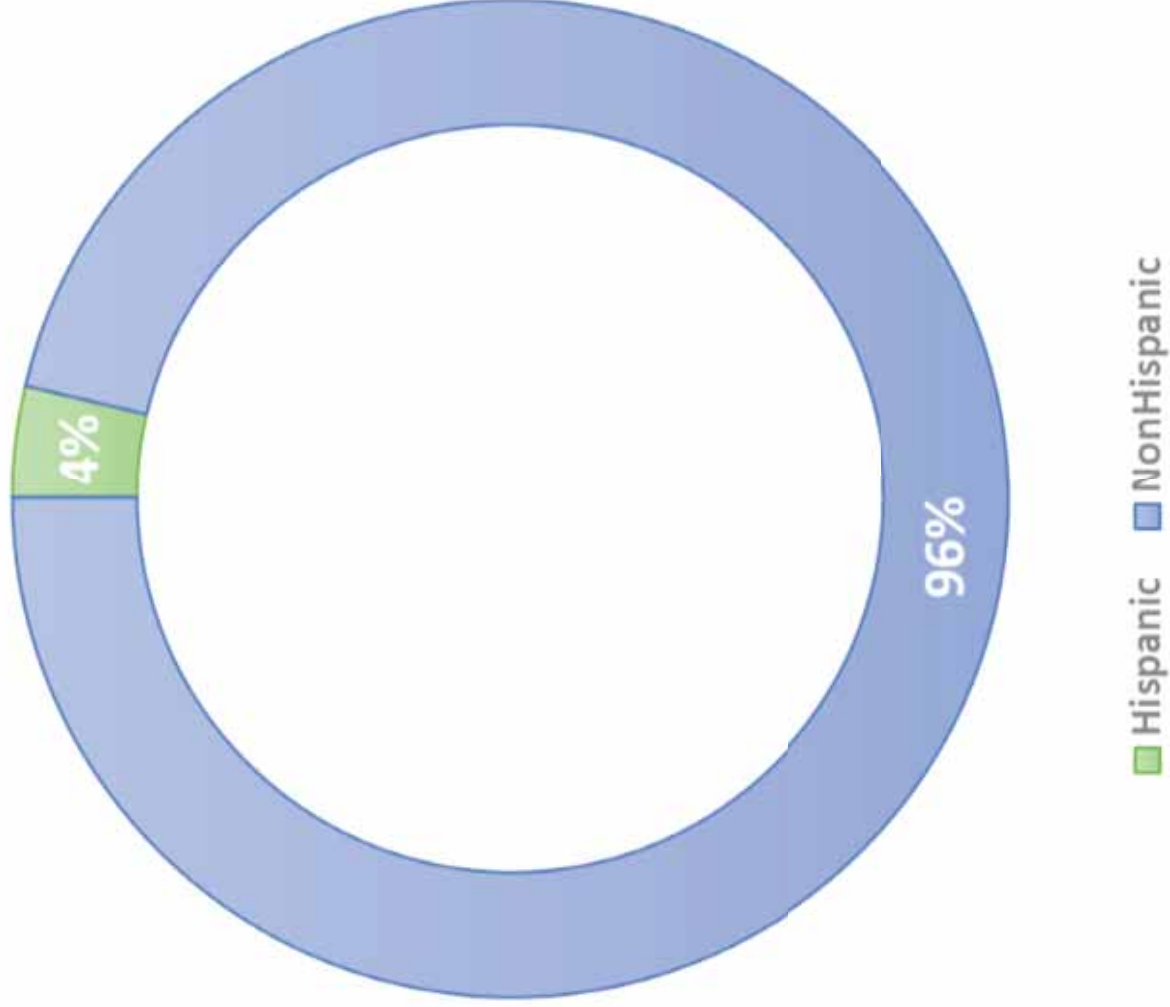
Needs for sidewalks in urban areas/walkability.

Transit comments almost universally identified needs for expanded routes and increased frequency in the region.

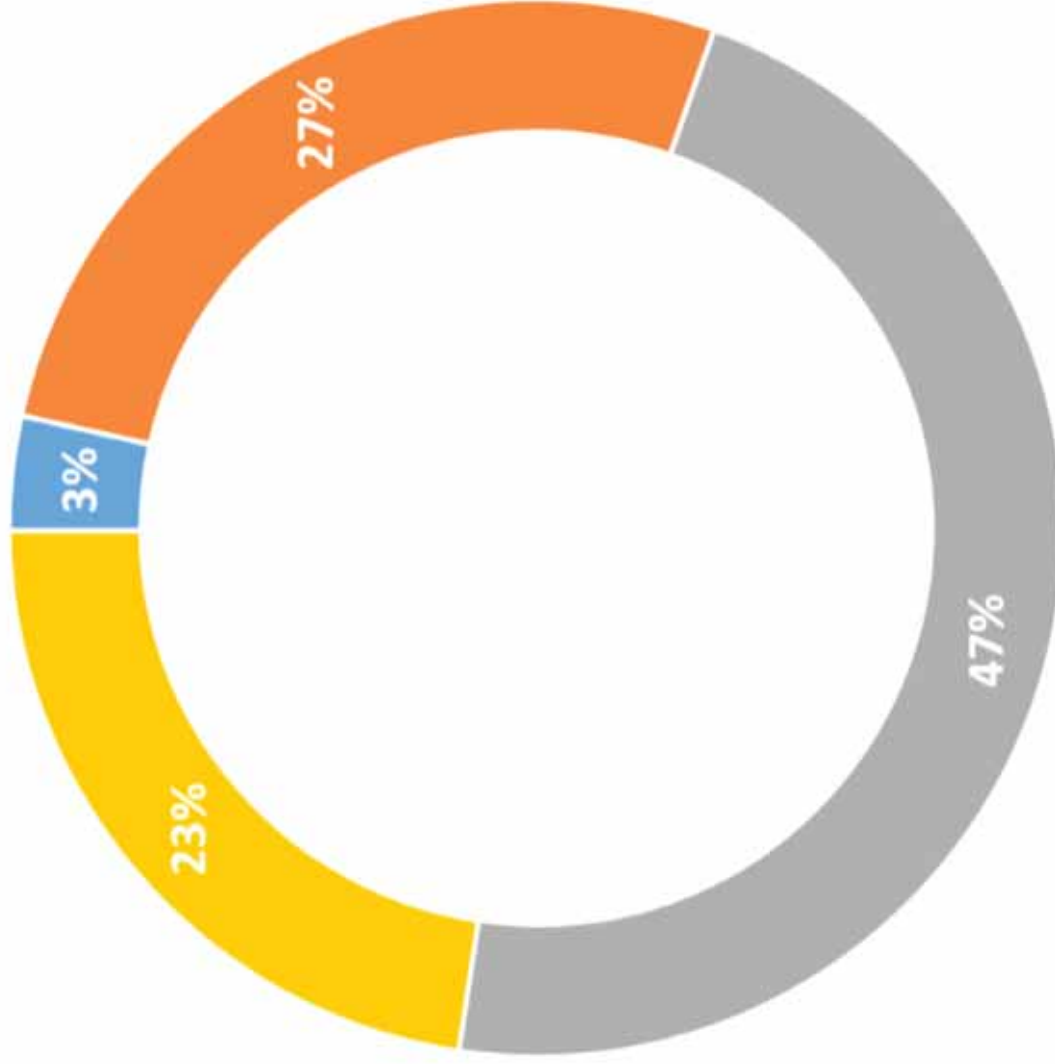
Demographics - Race



Demographics - Ethnicity



Demographics - Age



Thank You! and Questions?

CTP Contacts

Lynn Cochran, NWRPPO/PTRC (lcochran@ptrc.org)

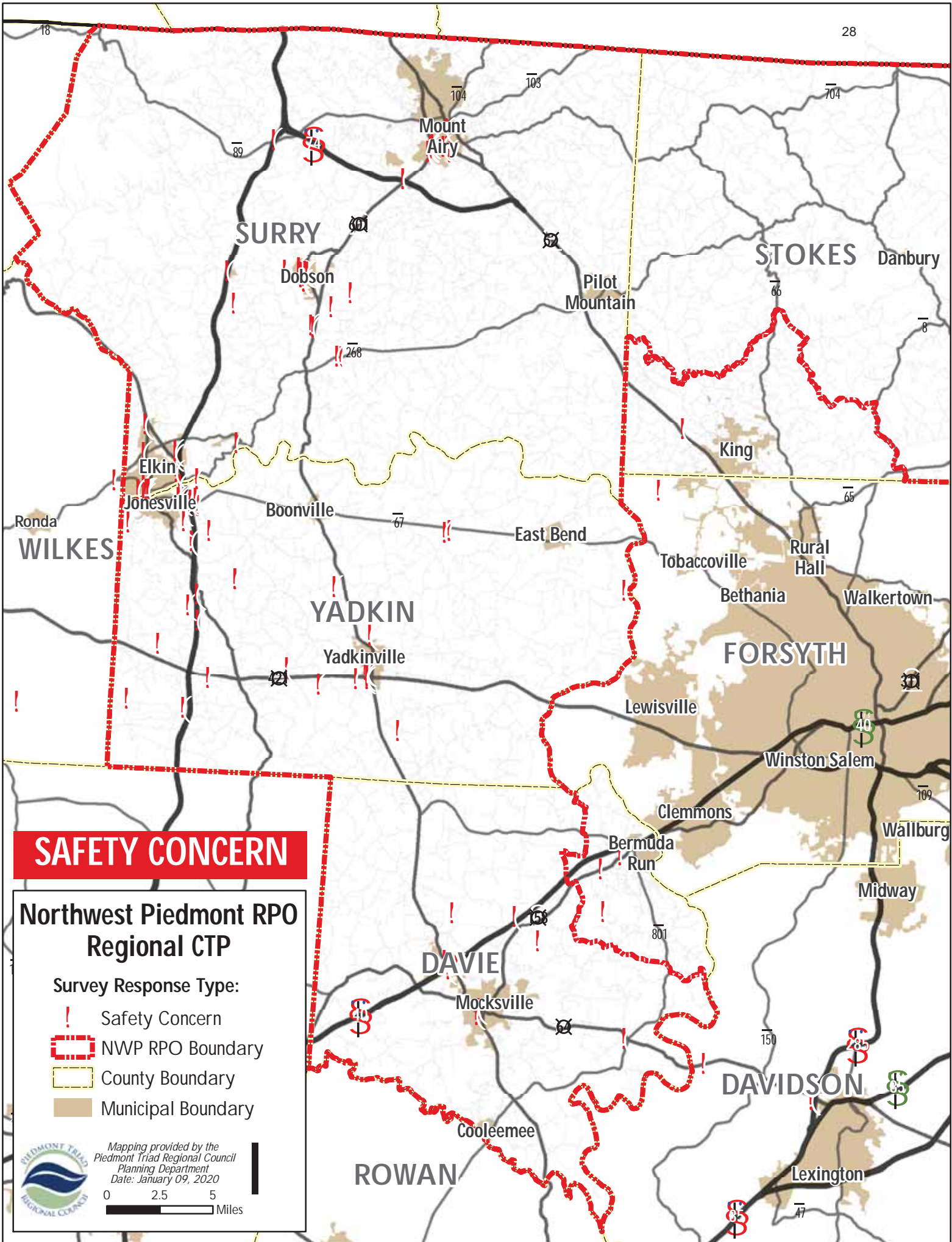
Jesse Day, NWRPPO/PTRC (jday@ptrc.org)

Michael Abuya, TPD/DOT (mrabuya@ncdot.gov)

Reuben Crummy, TPD/DOT (rcrummy@ncdot.gov)

Daryl Vreeland, TPD/DOT (dvreeland@ncdot.gov)

Andy Bailey, TPD/DOT (jabailey@ncdot.gov)



SAFETY CONCERN

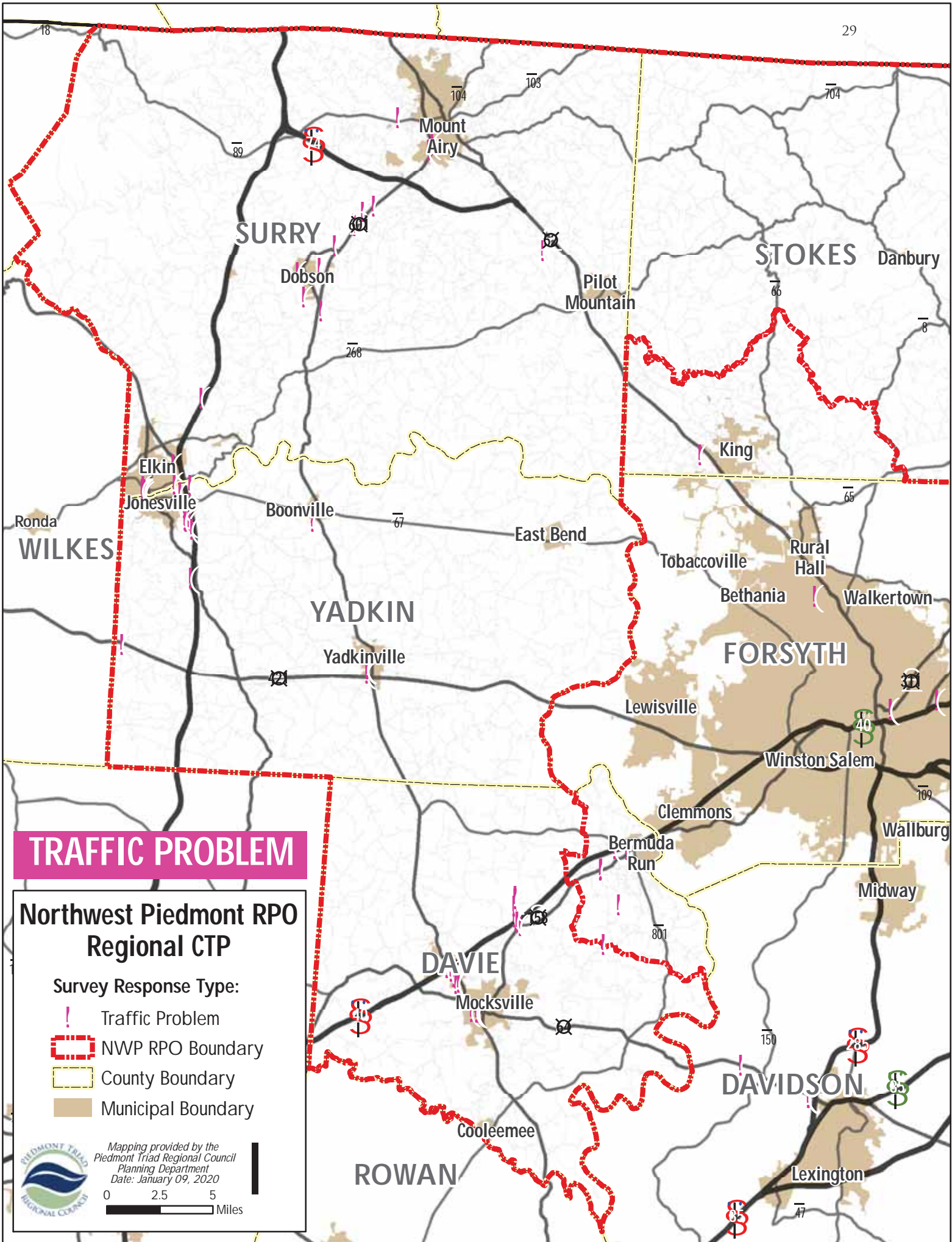
**Northwest Piedmont RPO
Regional CTP**

Survey Response Type:

- ! Safety Concern
- NWP RPO Boundary
- County Boundary
- Municipal Boundary

Mapping provided by the
 Piedmont Triad Regional Council
 Planning Department
 Date: January 09, 2020





0 2.5 5 Miles



TRAFFIC PROBLEM

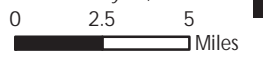
**Northwest Piedmont RPO
Regional CTP**

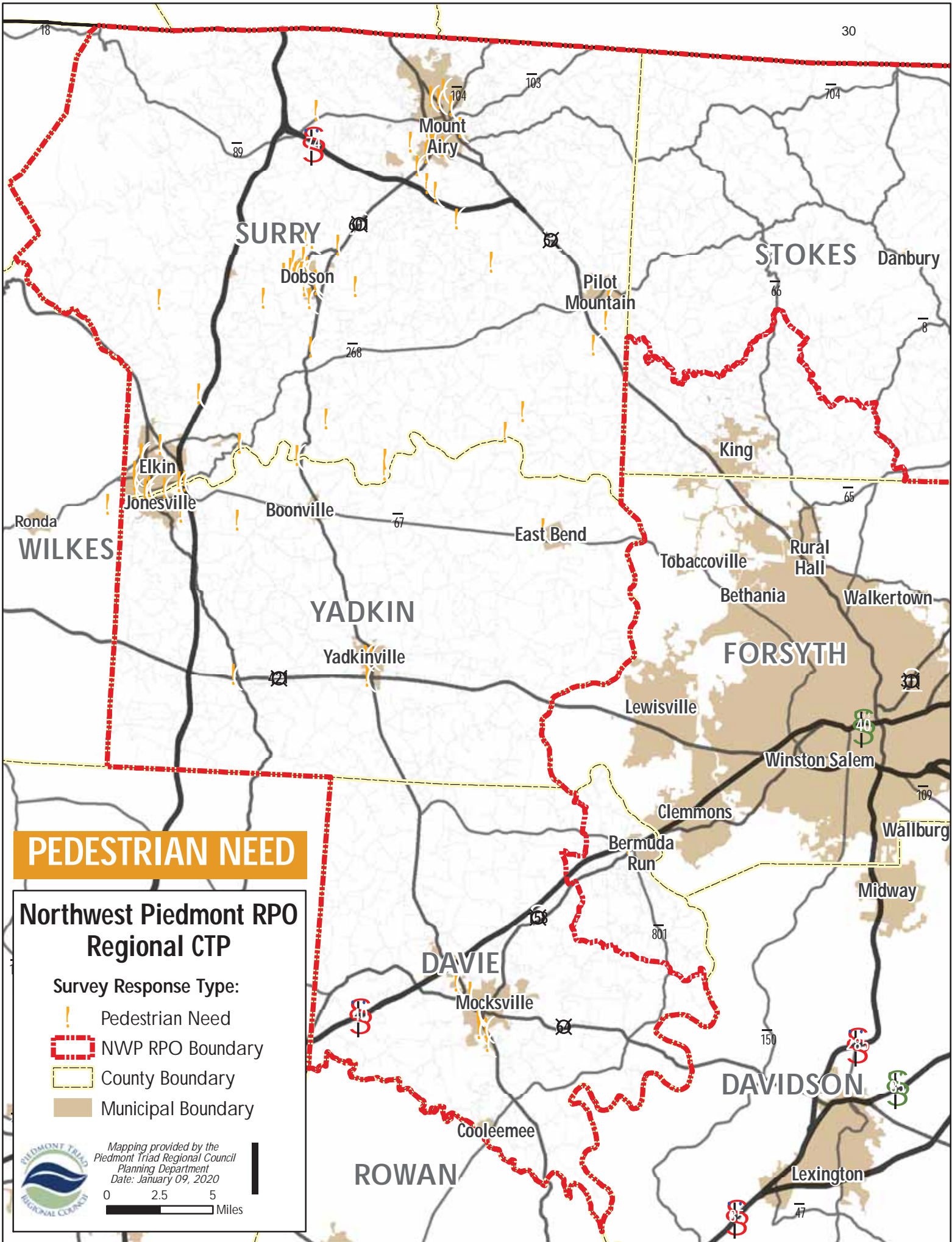
Survey Response Type:

-  Traffic Problem
-  NWP RPO Boundary
-  County Boundary
-  Municipal Boundary



Mapping provided by the
Piedmont Triad Regional Council
Planning Department
Date: January 09, 2020









PEDESTRIAN NEED

**Northwest Piedmont RPO
Regional CTP**

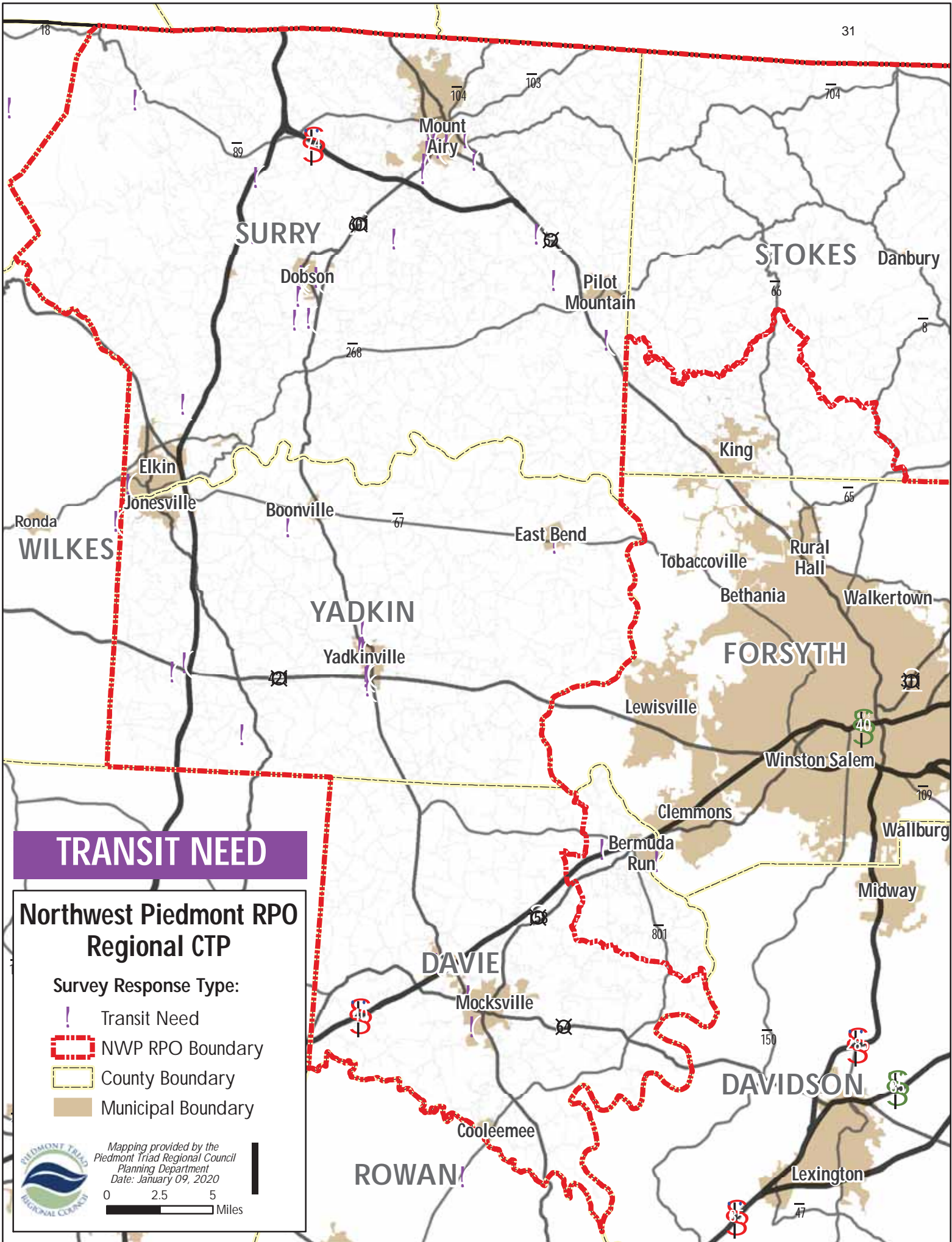
Survey Response Type:

-  Pedestrian Need
-  NWP RPO Boundary
-  County Boundary
-  Municipal Boundary

Mapping provided by the
Piedmont Triad Regional Council
Planning Department
Date: January 09, 2020

0 2.5 5 Miles





TRANSIT NEED

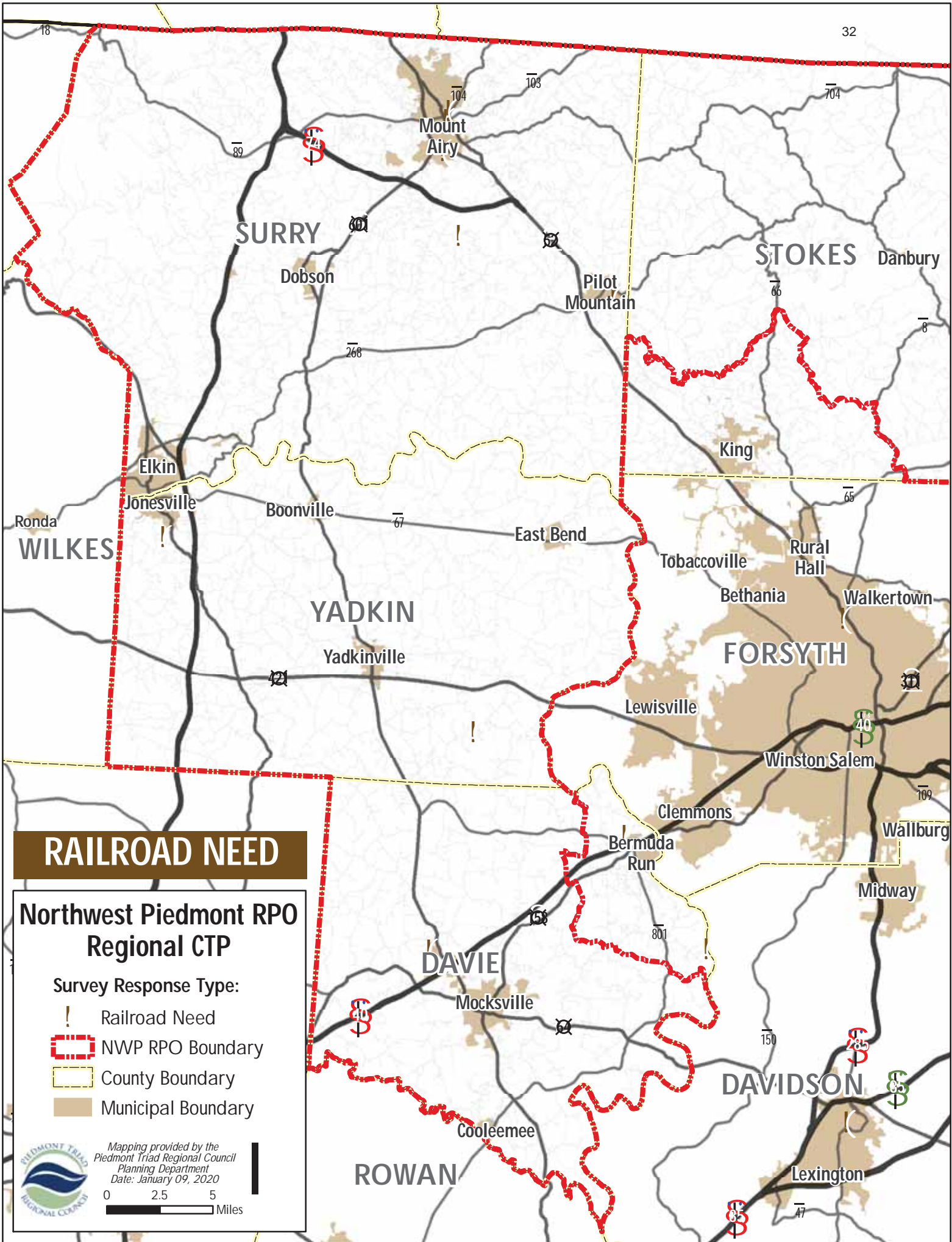
**Northwest Piedmont RPO
Regional CTP**

Survey Response Type:

- ! Transit Need
- ⬡ NWP RPO Boundary
- ⬡ County Boundary
- Municipal Boundary

Mapping provided by the
Piedmont Triad Regional Council
Planning Department
Date: January 09, 2020

0 2.5 5 Miles




RAILROAD NEED

Northwest Piedmont RPO Regional CTP

Survey Response Type:

- ! Railroad Need
- ⋯ NWP RPO Boundary
- - - County Boundary
- Municipal Boundary


 Mapping provided by the
 Piedmont Triad Regional Council
 Planning Department
 Date: January 09, 2020

0 2.5 5
 Miles



Agenda Item

AGENDA ITEM VI

REVIEW OF PRIORITIZATION 6.0 PROJECT STATUS

BACKGROUND

SUBMISSION REQUESTS TO-DATE HAVE BEEN COMPILED AS FOLLOWS IN THE ATTACHED DOCUMENTS ACROSS ALL MODES. THE NWPRPO ADMINISTRATOR, MR. COCHRAN HAS MET REGULARLY WITH THE CORRIDOR ENGINEERS FOR DIVISIONS 9 AND 11. PROJECT INFORMATION, EDITS, ADJUSTMENTS, ADDITIONS AND CHANGES ARE HIGHLIGHTED. THE CURRENT PROJECT LIST REMAINS A WORKING LIST. FINAL SUBMISSION CHOICES WILL BE DECIDED AT THE APRIL 2020 TCC AND TAC MEETINGS. THE SPOT P6.0 PROJECT SUBMISSION DEADLINE IS MAY 1, 2020

ACTION REQUESTED

REVIEW AND DISCUSSION OF P6.0 PROJECTS

Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	Regional Impact Total Score (Out of 100)	Division Needs Total Score (Out of 100)	P6.0 Status (Draft)	Notes
Capital Project	NC 8/89	Dodgetown Road		Construct roundabout to improve safety at the intersection	10 - Improve Intersection	\$1,665,000			P6.0CDE Testing	Safe /
Capital Project	NC-8	NC-89	Snow Hill Church Road	Modernize Roadway with passing lanes	16 - Modernize Roadway				Confirm this is still a priority?	
Capital Project	NC 8	Snow Hill Church Rd	NC 704	Widen NC 8 from NC 89 to VA Line (12ft lanes, 4-5ft shoulders), 3.98 miles	16 - Modernize Roadway	\$14,000,000	15.14	11.68	P6.0 CDE Testing with new project limits	10/
Capital Project	NC-8	NC-704		Improve and realign intersection	10 - Improve Intersection				Confirm this is still a priority?	
Capital Project	NC 8	SR 1652 (Sheppard Mill Road)		Construct roundabout.	10 - Improve Intersection	\$1,665,000	37.73	42.67	Holding Tank CDE Testing for P6.0 Scores	Re
Capital Project	NC 268	Little Bend Trail CC Camp Rd	Reekford Road Siloam	Modernize and shoulders with intersection improvements at Rockford Rd, Twin Oaks Rd, Joe Ln Mill Rd, Friendship Church Rd.	16 - Modernize Roadway		27.84	49.35	Holding Tank	Split Submitter better
Capital Project	NC 268 (South Key Street)	SR 2099 (Barney Venable Road)	Eldora/Quaker Church Road	Modernize with intersection improvements at Blue Grass Ln, Toms Creek Rd, Quaker Church Rd	16 - Modernize Roadway		27.84	19.35	Holding Tank Split	Split Consi
Capital Project	NC 268	Eldora Road	Rockford Road	Modernize and shoulders with intersection improvements at Rockford Rd, Twin Oaks Rd, Joe Ln Mill Rd, Friendship Church Rd.	16 - Modernize Roadway					Split Consi
Capital Project	US 601	Cody Trail	Yadkin River E. Atkins St	Modernize Roadway	16 - Modernize Roadway		46.66	26.31	Holding Tank	Keep
Initiatives	SR 1144 (Johnson Ridge Road)	NC 286 (E Main Street) Parkwood (N. terminus)	NC 268 Bypass (CC Camp Road) S. Terminus	Widen to 3-lane with roundabouts at Parkwood Drive and Claremont Rd. and bike/ped facilities	1 - Widen Existing Roadway		N/A	14.16	Holding Tank	Recon Parkw
Initiatives	NC 268 (W Market St)	N. Front Street		Construct roundabout to traffic calm vehicles near school, increase visibility and walkability, may include reducing travel lanes from 4 to 2 in the approach	10 - Improve Intersection					Subm Sugg

Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	Regional Impact Total Score (Out of 100)	Division Needs Total Score (Out of 100)	P.6.0 Status (Draft)	Notes
				Suggested to change to a 3-way stop intersection for better scoring						
Division Needs	SR-1144 (Johnson Ridge Road)	NC-67 (Winston Road)	NC-268 Bypass (CC-Camp Road)	Construct new interchange at NC-268 BUS, construct new roadway from NC-268 BUS to NC-67 and widen existing roadway to 3-lane road with roundabouts at Parkwood Drive and Claremont with Bike/Ped facilities.	6 - Widen Existing Roadway and Construct Part on New Location		N/A	9-88	Holding Tank	Include Yachkin parallel Express DIVISION
Division Needs	Old US 52	Cook School Road		Improve intersection with a potential roundabout	10 - Improve Intersection					
Division Needs	NC 89/ W. Pine St.	I-77 Ladonia Church	Ramey Creek Rd	Modernize Roadway	16 - Modernize Roadway					Score Ladonia
Division Needs	Rocky Branch Rd	Asbury Church Rd		Construct roundabout	10 - Improve Intersection 25- Multiple Intersections	Recommended to Combine Projects			New	Increase exits for
Division Needs	Rocky Branch Rd	Asbury Church Rd	US 21	Construct roundabouts at both intersections to improve safety	16 - Modernize Roadway 25- Multiple Intersections	For Better Scoring Okay by Dawn V.			New	Increase exits for
Wide Mobility	I-77	Exit 62/NC-67 Interchange		Increase length of on-ramps and off-ramps					New	DIVISION
Division Needs	SR-1349 (Reek House Mountain Road)	SR-1338		Construct Roundabout	10 - Improve Intersection			44-68	Holding Tank	Need reevaluation Schedule
Division Needs	Flint Hill Rd	Old 421	Speas Ferry Rd	Add paved shoulders, reduce horizontal curves	16 - Modernize Roadway				New	Submit
Division Needs	Flint Hill Rd	Speas Ferry Rd	Pool Street	Add paved shoulders, reduce horizontal curves	16 - Modernize Roadway				New	Submit
Division Needs	SR-1144 (Johnson Ridge Road)	NC-67 (Winston Road)	NC-268 Bypass (CC-Camp Road)	Construct new interchange at NC-268 BUS, construct new roadway from NC-268 BUS to NC-67 and widen existing roadway to 3-lane road with roundabouts at Parkwood Drive and Claremont with Bike/Ped facilities.	6 - Widen Existing Roadway and Construct Part on New Location		N/A	9-88	Holding Tank	Result

Needs	New Route	Reynolds Road)	(Road)	Beamer Road) to SR 1150 (Hoots Road) with new interchange at US 421									
Division Needs	SR 1410 (Farmington Road)	US-158	Pudding Ridge Ln	Widen existing 2-lane roadway to a 4-lane facility and improve ramps at I-40 interchange (new segment length approx.. 2.65 miles)				1- Widen existing road		23.60	Holding Tank		Need to long-range Change Rd, Ge
Division Needs	SR-1410 (Farmington Road)	I-40 Westbound Ramp		Construct roundabout				10 - Improve Intersection		26.48	Holding Tank		Funding Impact
Divisional Needs	NC 66	At NC 268		Intersection realignment, partly on new location				5 - Construct Roadway New Location	(est) \$1,364,000		New		

Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	Regional Impact Total Score (Out of 100)	Division Needs Total Score (Out of 100)	P6.0 Status (Draft)
Division Needs	SR-1116 (Junction Road, Marginal Street)	SR-1170 (Main Street)		Construct roundabout	10 - Improve Intersection		N/A	43.27	Holding Tank

Division	Project Category	Route / Facility Name	From Street	To Street	Description	Improvement Type	Cost to NCDOT	Total Score (Out of 100)	R.O Status (Draft)
City	Division Needs	Main Street	Sheppards Mill Bridge (B-5766)	Courthouse Circle east entrance	Construct sidewalk on south side of Main Street that will connect the central business & arts area with the recreational & events area at Moratock Park on the Dan River. Length: 1,350	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$400,000	16.08	Split the tasks (scheduled crossing contingent)
City	Division Needs	Main Street	Courthouse Circle	Sheep Rock Rd	Construct sidewalk on south side of Main Street (NC 8/89) that will connect the central business & arts area of town with the intersection of Sheep Rock Road, near the approved new trailhead and trail to Hanging Rock and the Park, generally.	7 - Protected Linear Pedestrian Facility (Pedestrian)	TBD	16.08	Need further discussion with Danbury & SPOT
5	Division Needs	Mt. Airy Middle School Greenway Connector	S. Main Street	Mt. Airy Middle School	Construct a new sidewalk from S. Main Street to Mt. Airy Middle School (Total Length: 2,500 feet) and a greenway connector from Hamburg Street to the school (Total Length: 250 feet).	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 308,140	33-84	Project project
7	Division Needs	Cooper Street	Dobson Elementary	Assisted Living Center	Construct Sidewalk	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 115,780	17.44	Discuss did not
7	Division Needs	Nature Center Dr	S. Main St	SR 1201 (Hampton Cir)	Construct sidewalk along Nature Center Drive from Main St to SR 1201 to adjoining sidewalk.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 117,057	30.62	Discuss did not
in	Division Needs	SR 1809 (Old Westfield Rd)	W Main St	Pilot Mountain Middle School	Construct sidewalk on both sides of the road with four crossings of Old Westfield Rd, including an enhanced crossing employing a RRFB signal at the school location.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 659,861	22.99	
in	Division Needs	NC 268 (N. Key St)	SR 1857 (W Main St)	W. 52 Bypass	Construct sidewalk on both sides of N. Key St	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 256,601	26.72	
in	Division Needs	NC 268 (S. Key St)	W. Main St.	SR 1886 (Hope Valley Rd)	Enhance existing sidewalk and construct sidewalk on both sides with pedestrian bridge and mid-block crossing with RRFB.	6 - Grade-Separated Pedestrian Facility (Pedestrian)	\$ 1,032,798	29.99	
in	Division Needs	NC 268	Hope Valley Rd	NC 2048 (Shoats Rd)	Construct sidewalk along both sides of S. Key St	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 874,846	13.16	
in	Division Needs	SR 2050 (Academy St)	SR 1857 (E Main St)	SR 2050 (Golf Course Rd)	Construct sidewalk on both sides of the road with crosswalks at W Main St, E Marion St, E Pine St and crossing the Yadkin Valley Railroad.	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$ 746,379	15.99	
City	Division Needs	N Renfro St	Elm Street	Independence Blvd	Construct Sidewalks on both sides of the street	7 - Protected Linear Pedestrian Facility (Pedestrian)			Need to point w

Division	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	Division Needs Total Score (Out of 100)	P6.0 Status (Draft)
Wilmington	Division Needs	NC 67/Valley Drive	Jonesville Town Hall	N. Park Drive & Bridge Street	Construct sidewalk on NC 67 from Mayberry Road turning left on Valley Road and ending at N. Park Dr with intersection improvements at NC 67 and Valley Rd. Additional leg of sidewalk to Bridge Street	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$339,000		Modified Holding Tank Project
Wilmington	Division Needs	Union Hill Rd	Main Street	Truelove Farm Rd?	Construct sidewalk to connect residential area to Town	7 - Protected Linear Pedestrian Facility (Pedestrian)			New
Wilmington	Division Needs	New Route	NC-1388 (Adams Rd)	US-601 (State St)	Construct multi-use trail on new location.	2-Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$300,328	43.30	Holding Tank
Wilmington	Division Needs	New Route	NC-1134 (N. Lee Ave)	N. State St. & Oak Street	New multi-use path extending off Northwood Church Rd, splitting in forested area and connecting to N. State Street on one side and Oak St. on the other.	2-Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$638,894	45.98	Holding Tank
Wilmington	Division Needs	US 601/S Salisbury Street/S Main St	Rollingwood Dr.	Just north of South Main St	Construct sidewalk along West Side of US 601 with traffic calmed crossing at the Davidson County Community College Campus. Length:5069 ft	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$1,510,000	NA	New
Wilmington	Division Needs	Yadkinville Road/Wilkesboro Street and Salisbury St	Valley Road	W. Lexington Road	Construct a sidewalk on the north side of Yadkinville Rd and south side of Merony St to connect existing sidewalk. Complete gap in sidewalk on Salisbury Street west of downtown Mocksville	7 - Protected Linear Pedestrian Facility (Pedestrian)	TBD	NA	Holding Tank with modifications
Wilmington	Division Needs	NC 8/89 (S. Main St)	E. Courthouse Circle	Sheppard Mill Rd.	Construct a new sidewalk with curb and gutter on the south side of Main St. Length: 1400 ft	7 - Protected Linear Pedestrian Facility (Pedestrian)	\$400,000		New

Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost to NCDOT	Regional Impact Total Score (Out of 100)	Division Needs Total Score (Out of 100)	P6.0 Status (Draft)
Division Needs	ZEF - Elkin Municipal Airport	ZEF - Runway 25 Extension to 4,200' and Full Parallel Taxiway	N/A	The 200' Runway Extension and Full Parallel Taxiway project includes acquisition of 2 land parcels which fall within proposed work area grading	0500 - Runway Length/Width	\$ 10,756,000	N/A	58.14	Holding Tank
Division Needs	ZEF - Elkin Municipal Airport	ZEF - Hangar Site Preparation and T-Hangar Taxilane	N/A	This project will prepare multiple individual hangar location for build-out by the airport or individuals. This	1900 - Hangars	\$ 2,070,000	N/A	14.47	Holding Tank
Division Needs	ZEF - Elkin Municipal Airport	ZEF - Box Hangar	N/A	This project will include site preparation and construction of one box hangar. Site preparation will also	1900 - Hangars	\$ 1,365,000	N/A	13.01	Holding Tank
Division Needs	ZEF - Elkin Municipal Airport	ZEF - Runway 7 Extension		1,000' extension with Partial Parallel Taxiway		\$36,263,000			See
Division Needs	ZEF - Elkin Municipal Airport	ZEF - Hanger		T- Hanger and Taxilane		\$ 1,129,000			See
Division Needs	ZEF - Elkin Municipal Airport	ZEF - Taxiway		Parallel Taxiway		\$ 7,231,000			See
Division Needs	ZEF - Elkin Municipal Airport	ZEF - Terminal		New Terminal Building and Access Roadway		\$ 2,582,000			See
Division Needs	MWK - Mt Airy/Surry County Airport	MWK - Terminal		New Terminal Building (5,500 square foot facility), parking lot and entrance road to replace an outdated terminal building that is too small to meet the current needs of the community. Project consists of design and construction. (Includes Project Request Number 2601)		\$ 2,454,500			Summary



Agenda Item

AGENDA ITEM IX

FISCAL YEAR 2020-2021 PROPOSED SCHEDULE OF DUES

BACKGROUND

CENSUS DATA HAS BEEN REVIEWED AND COMPILED AS NOTED IN THE FOLLOWING ATTACHMENT. NOTED ARE THE APPROVED METHODOLOGY FOR PREPARING POPULATION ESTIMATES AND THE CORRESPONDING PROPOSED DUES FOR MUNICIPALITIES AND COUNTIES IN THE NWRPO AREA. THIS ITEM IS FOR REVIEW AND INFORMATION. APPROVAL OF THE SCHEDULE OF DUES WILL BE SOUGHT AT THE APRIL 2020 TCC AND TAC MEETINGS.

ACTION REQUESTED

REVIEW OF THE SCHEDULE OF FY 2020-2021 DUES IN PREPARATION FOR AGENDA ACTION ITEM AT APRIL 2020 TCC AND TAC MEETINGS.

Nor thwest Piedmont
 Rural Planning Organization
 Local Match Requirements for FY 2020-21
 (DRAFT)

RPO County	2018 RPO Population	Percent of Total	FY 2020-21 Dues (not rounded)	FY 2020-21 Dues (rounded)
Davie*	30,758	18.21%	\$ 4,844.03	\$ 4,844.00
Stokes*	26,773	15.85%	\$ 4,216.44	\$ 4,217.00
Surry	73,232	43.37%	\$ 11,533.21	\$ 11,533.00
Yadkin	38,100	22.56%	\$ 6,000.32	\$ 6,000.00
	168,863	100.0%	\$ 26,594.00	\$ 26,594.00

Total Local Match	\$ 26,594.00
Total NCDOT Grant	\$ 106,375.00
Grand Total	\$ 132,969.00

*DAVIE & STOKES COUNTY 2018 POPULATIONS MINUS THAT INCLUDED IN THE WINSTON-SALEM MPO

PTRC Proposed Dues Spreadsheet, 2020-2021 FY

Local Government	cost per person	Population Estimate (2018)	2020-2021 RPO Dues
*based on 0.15815 per person			
Town of Cooleemee	0.15815	973	\$ 154
Town of Mocksville	0.15815	5,425	\$ 858
Davie County without municipal Population*	0.15815	24,360	\$ 3,853
Town of Danbury		186	\$ 100
Town of Walnut Cove	0.15815	1,376	\$ 218
Stokes County without municipal Population*	0.15815	25,171	\$ 3,981
Town of Dobson	0.15815	1,578	\$ 250
Town of Elkin	0.15815	4,057	\$ 642
City of Mount Airy	0.15815	10,252	\$ 1,621
Town of Pilot Mountain	0.15815	1,509	\$ 239
Surry County without municipal Population	0.15815	55,836	\$ 8,830
Town of Boonville	0.15815	1,222	\$ 193
Town of East Bend		594	\$ 100
Town of Jonesville	0.15815	2,246	\$ 355
Town of Yadkinville	0.15815	2,973	\$ 470
Yadkin County without municipal Population	0.15815	31,065	\$ 4,913
Totals		168,823	\$ 26,776

Dues based on estimates posted on the NC Office of Budget and Management

*Methodology for Stokes and Davie County Estimates

Using 2010 Decennial Census Block Level population data, PTRC calculated the percentage of each county population within the RPO boundary. That percentage was applied to the 2018 NC State Demographer Population Estimate to find the 2018 RPO population for each county. Municipal populations were then subtracted out (Danbury and Walnut Cove for Stokes; Mocksville and Cooleemee for Davie) to calculate the population counts used in calculating dues for the 2020-2021 fiscal year.

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
Projects Under Construction								
17BP-9.R.61 (C203681)	EXPRESS DESIGN BUILD - Replace (2) Bridges in Davidson, (1) in Davie, (3) Bridges in Rowan, and (4) Bridges in Stokes County.	May 19, 2015			\$10,642,621			Express Design Build Contract - Contract consist of replacement of 11 bridges throughout the Division. Contract includes - Br. #258 over Swearing Creek on SR 1272, and Br. #410 over Leonard Creek on SR 1844 in Davidson Co; (1) bridge in Davie Co; (3) bridges in Rowan Co; and (5) bridges in Stokes Co. Work has been completed on Ollie Harkie Road in Davie Co., Barringer Street in Rowan Co., Seery Road in Rowan Co., Bradshaw Rd. in Rowan Co., Snow Hill Church Rd in Stokes Co., Dan George Rd. in Stokes Co., Tom Shelton Rd. in Stokes Co., Jersey Church Rd in Davidson County and these roads have been reopened to traffic. The new bridge on Dodgetown road has been completed and traffic is in its final pattern. Removal of the existing structure is nearing completion, this will be followed by minor grading items and then the placement of the final pavement layer. The Dodgetown Rd project is tentatively scheduled to be complete in early March 2020. Old Greensboro Rd. in Davidson County was closed down on July 8, 2019 the Contractor is nearing completion on relocating the existing waterlines, this will be followed by constructing the new bridge substructure. Project site scheduled to be completed by June 2020. All road closures will have signed off-site detours.
17BP-9.R.104 (Old B-5784) (C203681 SA)	EXPRESS DESIGN BUILD Supplemental Agreement - Replace Bridge #125 over North Double Creek on SR 1484 (Dan George Rd) in Stokes County.	May 4, 2018	Estimated March 27, 2020	84.6% Complete Design and construction in progress	\$943,196	Smith-Rowe, LLC	Larry Shaver (336)249-6255	
2020CPT.09.03.10301 2020CPT.09.04.20301 (D100218)	Contract Resurfacing of (3) Sections of Primary Routes and (13) Sections of Secondary Routes in Davie County, totalling 17.367 miles	Nov. 28, 2018	Revised March 1, 2020	42.3% Complete	\$3,851,014	APAC-Atlantic, Inc.	Jeremy Guy, PE (336)747-7900	The contractor paved all but two of the maps on this contract. Maps 1 & 2 will be scheduled for Spring 2020.
2020CPT.09.12.20302 (D100208)	Asphalt Surface Treatment (AST) of (20) sections of various Secondary routes in Davie County, totalling 30.64 miles	Oct. 10, 2018	Revised March 1, 2020	12% Complete	\$808,067	Whitehurst Paving Co Inc	Jeremy Guy, PE (336)747-7900	Maps 1 & 8 are complete and the rest of the contract will begin in Spring 2020.

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
Projects Under Construction								
I-0911A 34147.3.4 (C203965)	DESIGN BUILD - Grading (Widening), Drainage, Paving and ITS on I-40 from West of NC 801 in Davie Co. to SR 1101 (Harper Rd) in Forsyth Co. (2.614 miles)	July 18, 2017	Revised Jan. 19, 2021	56.3% Complete	\$71,962,779	Flatiron Constructors, Inc/Blythe Development Co - JV	Jordan Scott, PE (336)293-9610	DESIGN BUILD - Project will widen approximately 3.3 miles of I-40 to a six-lane divided facility from west of NC 801 in Davie County to east of SR 1101 (Harper Road/Tanglewood Park Business Road) in Forsyth County. The project will replace dual bridges on I-40 over the Yadkin River and accommodate a future greenway by replacing the Bert's Way roadway bridge over I-40 with a pedestrian bridge. All noise walls were approved for construction. Construction continues with superstructure work and median cross overs for Phase II. Phase II bridge deck concrete pours complete. Bridge joint work and Phase I/II closure pour work continues. Anticipate traffic shift to Phase II late February along with new crossover pattern in I-40 EB direction. Pedestrian culvert extensions complete. Pedestrian bridge erection fall of 2020. Sound wall construction near complete in I-40WB direction. Sound wall I-40EB to begin Spring 2020.
I-5823 50466.3.1 (C204241)	Pavement Rehabilitation on I-40 from W. of US 601 to the Iredell County line in Davie Co.	Jan. 15, 2019	Revised July 6, 2022 (vegetation established by Jan. 2, 2023)	42.7% Complete	\$55,641,354	Flatiron Constructors Inc	Jeremy Guy, PE (336)747-7900	The contractor has completed most of the shoulder widening and crossover work throughout the project. Throughout the winter months they will be focusing on concrete patch repair starting in the westbound direction, then moving over to eastbound I-40. Lane closures typically remain throughout the week but removed for the weekends.
R-5789D 44919.3.5	Install ADA (Americans with Disabilities Act) ramps, curb & gutter, and sidewalks at various locations in Davidson, Davie, and Rowan Counties	Aug. 26, 2019	April 10, 2020	38.7% Complete	\$281,891	Little Mountain Builders of Catawba County, Inc.	Mezak Tucker, PE (704)630-3200	Contractor began work November 11, 2019. All locations in Granite Quarry, China Grove, and Spencer have been completed. Crews currently working in Denton. Estimated completion is around March 15, 2020.
R-5789E 44919.3.6 (D100230)								
47793	Construction of a Roundabout at the I-40 East Bound Ramp Terminal at SR 1410 (Farmingington Road) in Davie County	Summer 2018	TBD	Under construction	\$820,000	State Forces	Daniel Horne (336)896-2380 ----- Robert McMath, PE (336)936-6100	Roadside Environmental has completed all of the landscaping portion of this project. There is still some discussion about lighting for the roundabout that has not yet been settled.

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
Projects Under Development								
B-5766 45722.3.1	Replace Bridge #82 over the Dan River on SR 1674 (Sheppard Mill Rd.) in Stokes County	Feb. 28, 2024	TBD	ROW Acquisition July 29, 2022	\$5,125,000	TBD	Daniel Dagenhart (919)747-7800	* Schedule based on Approved 2020-2029 STIP - Planning and design in progress. NCDOT met with State Parks on site to discuss the project. The new alignment for the bridge replacement will require a lengthy consultation process with State Parks and US National Park Service; schedule has been delayed to reflect this. *The PE work for this project has been temporarily suspended.*
B-5768 45724.3.1	Replace Bridge #38 over Cedar Creek on NC 801 in Davie County	Oct. 17, 2023	TBD	ROW Acquisition Oct. 21, 2022	\$1,150,000	TBD	Daniel Dagenhart (336)747-7800	* Schedule based on Draft 2020-2029 STIP - DPOC - scoped in February, 2019. *The PE work for this project has been temporarily suspended.*
BR-0047 67047.3.1 C204394	Replace Bridge #10 over US 52 on SR 1105 (Meadowbrook Drive) in Stokes County	June 16, 2020	TBD	ROW Acquisition in progress	\$6,400,000	TBD	Kevin Fischer, PE (919)707-6514	Raleigh Let - Planning and Design in process.
BR-0102 67102.3.1	Replace Bridge #37 over Big Creek on NC 268 Stokes County	Jan. 1, 2023	TBD	ROW Acquisition Jan. 1, 2022	\$3,200,000	TBD	Kevin Fischer, PE (919)707-6514	Raleigh Let - New - in Development. *The PE work for this project has been temporarily suspended.*
I-6003 47957.3.1	Pavement rehabilitation on I-40 from SR 1436 (Pinebrook School Rd) to West of NC 801 in Davie County	Oct. 26, 2022	TBD		\$2,900,000	TBD	Brett Abernathy, PE (336)747-7800	* Schedule based on the Approved 2020-2029 STIP - previously I-3600
R-5736 50194.3.1	Widen to Multi-lanes - US 601 from SR 1345 (Blaise Church Rd) to SR 1408 (Cana Rd) in Davie County.	April 16, 2024	TBD	ROW Acquisition April 15, 2022	\$13,100,000	TBD	Brett Abernathy, PE (336)747-7800	* Schedule based on Approved 2020-2029 STIP - Planning and design in progress. NCDOT met with State Parks on site to discuss the project. The new alignment for the bridge replacement will require a lengthy consultation process with State Parks and US National Park Service; schedule has been delayed to reflect this. *The PE work for this project has been temporarily suspended.*
R-5768 44670.3.1	Upgrade intersection and improve railroad crossing at US 311 and NC 65 in Walnut Cove in Stokes Co.	Jan. 27, 2021	TBD	ROW Acquisition in progress	\$3,550,000	TBD	Brett Abernathy, PE (336)747-7800	* Schedule based on Approved 2020-2029 STIP - Design ongoing.
R-5789F 44919.3.7 R-5789G 44919.3.8	ADA Ramps at Various Locations in Davidson, Davie, Forsyth and Rowan Counties	TBD	TBD		\$2,900,000	TBD	Brett Abernathy, PE (336)747-7800	*Schedule based on Approved 2020-2029 STIP - Division POC Let (DPOC) - ON HOLD
R-5828 47100.3.1	Construct Roundabout at the intersection of US 311 (S. Main Street) and First Street in Walnut Cove in Stokes Co	Oct. 28, 2020	TBD	ROW in progress Utility relocation to begin soon	\$1,450,000	TBD	Brett Abernathy, PE (336)747-7800	* Schedule based on Approved 2020-2029 STIP - DPOC
R-5854 47542.3.1	Construct Roundabouts on SR 1410 (Farmington Rd) at I-40 Eastbound Ramp and US 158 intersection IN Davie Co	June 26, 2024	TBD	ROW Acquisition June 30, 2023	\$2,200,000	TBD	Brett Abernathy, PE (336)747-7800	* Schedule based on the Approved 2020-2029 STIP - Planning and design underway for Roundabout at Farmington and US 158. Utility Coordination is nearing completion and right of way plans could be finalized in the next couple of months. *The PE work for this project has been temporarily suspended.*

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
Projects Under Development								
U-6002 47137.3.1	Construct Roundabout at intersection of Yadkinville Road (NS) and Wilkesboro Street (NS) in Davie County	June 23, 2021	TBD	ROW Acquisition in progress	\$650,000	TBD	Brett Abernathy, PE (336)747-7800	* Schedule based on the Approved 2020-2029 STIP - Design in progress. Right of way being acquired. As soon as all ROW is acquired, utility relocation work will begin.
U-6187 48647.3.1	Construct 2-Lane Extension of SR 1630 (Baltimore Road) and Interchange at I-40 in Davie County	March 19, 2024	TBD	ROW Acquisition Aug. 31, 2022	\$30,102,000	TBD	Brett Abernathy, PE (336)747-7801	* Schedule based on the Approved 2020-2029 STIP - New project added, based on results of P5.0. We have scoped the initial planning work with a firm and will be starting that work over the next couple months. *The PE work for this project has been temporarily suspended.*
17BP.9.C.12	Replace pipe #280 on Danbury Creek at SR 1128 (Brown Rd) in Stokes County	Jan. 25, 2023	TBD	ROW Acquisition July 27, 2022	\$700,000	TBD	Daniel Dagenhart (336)747-7801	Division Let - Planning and Design in progress
17BP.9.R.72	Replace Bridge #8 over Dan River on NC 704 in Stokes County.	Dec. 9, 2020	TBD	ROW Acquisition June 9, 2020	\$3,150,000	TBD	Daniel Dagenhart (336)747-7800	Division Let - Planning and design is underway. Schedule may change due to environmental issues
17BP.9.R.83	Replace Bridge #286 over Little Yadkin River on SR 1236 (Old US 52) in Stokes County	Nov. 16, 2022	TBD	ROW Acquisition May 16, 2022	\$1,400,000	TBD	Daniel Dagenhart (336)747-7800	Division Let - Planning and Design in progress (25% plans received)
17BP.9.R.88	Replace Bridge #76 over Dan River on SR 1432 (Collinstown Rd.) in Stokes County	June 26, 2024	TBD	ROW Acquisition Jan. 26, 2024	\$2,500,000	TBD	Daniel Dagenhart (336)747-7800	Division Let Planning and design is underway.
17BP.9.R.93	Replace Bridge #25 over Bailey Creek on SR 1621 (Beauchamp Rd) in Davie County	Oct. 16, 2024	TBD	ROW Acquisition April 16, 2024	\$700,000	TBD	Daniel Dagenhart (336)747-7800	Division Let - project has been scoped
17BP.9.R.94	Replace Bridge #65 over Bear Creek on SR 1313 (Duke Whitaker Rd) in Davie County	April 10, 2024	TBD	ROW Acquisition Oct. 10, 2023	\$725,000	TBD	Daniel Dagenhart (336)747-7800	Division Let - project has been scoped
17BP.9.R.98	Replace Bridge #15 over Vade Mecum Creek on NC 66 in Stokes County	Aug. 17, 2022	TBD	ROW Acquisition Feb. 17, 2021	\$825,000	TBD	Daniel Dagenhart (336)747-7800	Division Let - Planning and Design in progress (65% plans received)
17BP.9.R.100 (Old B-4819)	Replace Bridge #105 over Snow Creek on SR 1697 (Pitzer Rd.) in Stokes County	TBD	TBD	ROW Acquisition complete	\$1,600,000	TBD	Daniel Dagenhart (336)747-7800	Division Let - Planning and Design is complete, - Division Managed and funded by the Division Managed Bridge Program. *Division has been told to remove this project from the list at this time.*
47801	Re-construct intersection of SR 2019 (Flat Shoals Rd) and NC 8 and add turn lanes in Stokes County	TBD	TBD	in development	\$715,000	State Forces	Brett Abernathy, PE (336)747-7800	High Impact Low Cost
47880	Construct left turn lanes at intersection of NC 66 and SR 1122 (Mountain View Rd) in Stokes County	TBD	TBD	in development	\$250,000	TBD	Brett Abernathy, PE (336)747-7800	High Impact Low Cost
48462	Install pedestrian safety improvements including curb & gutter, drainage improvements, ADA wheel chair ramps, fard our rapid flashing beacons on NC 8/89 in Danbury	TBD	TBD	in development	\$212,000	TBD	Brett Abernathy, PE (336)747-7801	High Impact Low Cost
48787	Construct roundabout at the I-40 Westbound ramp terminal at SR 1410 (Farrington Rd) in Davie County	TBD	TBD	in development	\$1,001,000	State Forces	Brett Abernathy, PE (336)747-7800	High Impact Low Cost

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
Completed Projects								
17BP.9.R.73 (C204004)	EXPRESS DESIGN BUILD - Replace (3) Bridges in Davidson Co and (2) Bridges in Davie Co	June 20, 2017	Estimated Completion August 25, 2019	99.8% Complete	\$6,817,750	RE Burns & Sons, Inc	Kelly Seitz, PE (704)630-3220	Express Design Build Contract - Includes replacement of Bridge #31 on NC 8 over Lick Creek; Bridge #55 on NC 47 over Flat Swamp Creek; and Bridge #82 on NC 47 over Lick Creek in Davidson Co., and (2) bridges in Davie Co. Bridge #55 ICT #2 was completed on August 13, 2018. Bridge #82 completed ICT# 3 on Feb. 8, 2019. Bridge #31 was completed on May 15, 2019. Bridges 82 and 31 are currently waiting 80% vegetation establishment (delayed due to drought conditions).
2020CPT.09.09.10851 2020CPT.09.10.20851 (D100219)	Contract Resurfacing of (5) Sections of Primary Routes and (4) Sections of Secondary Routes in Stokes County, totalling 42.550 miles	Nov. 28, 2018	Aug. 21, 2019	100% Complete	\$4,725,602	APAC-Atlantic, Inc.	Jeremy Guy, PE (336)747-7900	Contract is completed and accepted.
2020CPT.09.15.20852 (D100211)	Asphalt Surface Treatment (AST) of (69) sections of various Secondary routes in Stokes County, totalling 55.83 miles	Oct. 10, 2018	Actual Oct. 23, 2019	100% Complete	\$1,538,127	Whitehurst Paving Co Inc	Jeremy Guy, PE (336)747-7900	Project was completed Oct. 23, 2019.
15BPR.18 (C204215)	Bridge Preservation of Bridge #63 on US 64 at Yadkin River in Davie County	Oct. 16, 2018	Aug. 6, 2019	100% Complete	\$1,262,066	American Civil Constructors, West Coast LLC	Jeremy Guy, PE (336)747-7900	The contractor has completed all the work on the project. Project accepted August 6, 2019.
W-57091 44855.3.9 (D100223)	Wideline Thermoplastic Pavement Markings on Various Secondary Routes in Davie and Stokes Counties, totalling 73.84 miles	Mar. 27, 2019	Sept. 30, 2019	100% Complete	\$2,491,297	Ogelsby Construction Co., Inc	JP Couch, PE (336)747-7800	Work began May 13, 2019. Work was completed on Sept. 30, 2019.



North Carolina Department of Transportation Complete Streets Implementation Guide

The North Carolina Department of Transportation (NCDOT) Complete Streets Implementation Guide (Guide) is designed to assist NCDOT staff engineers, project managers and designers in implementing the Complete Streets Policy as adopted by the NCDOT Board of Transportation. This document provides comprehensive guidance for incorporating a Complete Streets approach into NCDOT's planning, programming, design, and maintenance processes.

Elements of this Guide:

- 1. Planning**
- 2. Project Development**
- 3. Resurfacing and Maintenance Activities**
- 4. Work Zone Accommodations**
- 5. Related Policies**
- 6. Cost Share**
- 7. Design Guidance**
- 8. Administration**

This Guide will be updated periodically as processes and procedures are refined, with a comprehensive review and update every five years, beginning in August 2024.

1. Planning

This section outlines the approach for ensuring Complete Streets elements are evaluated as a roadway project is planned, prioritized and programmed. Each proposed roadway project will include the preparation of a Complete Streets Project Sheet as detailed below. The Project Sheet will identify planned multi-modal facilities and document any exceptions considered in the course of project development.

1.1 Adopted Plans

A Comprehensive Transportation Plan (CTP) is a mutually adopted transportation planning document that identifies the multi-modal transportation needs of a community or jurisdiction. The CTP may include and/or reference locally adopted plans for public transportation, bicycle facilities, pedestrian facilities and greenways. The adopted CTP will be considered the controlling plan for the identification of non-motorized facilities to be evaluated as part of a roadway project. Other locally adopted plans will be considered so long as 1) the planned facility addresses a transportation need and 2) the planned facility meets the design guidance standards referenced in Section 7.

1.2 Complete Streets Project Sheet (Prioritization 6.0)

For projects where a project sheet has yet to be developed as part of the CTP process, a Complete Streets Project Sheet will be used to document the types of pedestrian, bicycle, public transit, and other multimodal facilities to be evaluated in each roadway project. This sheet will be submitted during the Strategic Prioritization submittal process. The Complete Streets Project Sheet will carry forward as a key document in the Project Advancing Transportation through Linkages, Automation, and Screening (ATLAS) workbench, allowing any personnel to access the project later in development.

1.3 Complete Streets Project Sheet (within the CTP)

Comprehensive Transportation Plans (CTP) developed through NCDOT's Transportation Planning Division identify projects to address network deficiencies for motorists, pedestrians, bicyclists, and transit users. Complete Streets Project Sheets are being introduced into the CTP 2.0 process. The Project Sheet outlines the recommended improvement, proposes a typical cross-section for roadway projects, explains the identified need for the project, provides current and projected traffic volume and capacity, identifies high-level environmental constraints and provides Complete Street recommendations. These sheets lay the foundation for Complete Streets facilities and serve as a starting point for projects selected for Strategic Prioritization submittal and carry forward as a key document in the project development phase.

1.4 Exceptions to Policy

The Complete Streets Project Sheet will capture requests and approvals of any exceptions to the Complete Streets Policy. Documentation of exceptions will reference the reason for such action, including unique site constraints, prohibition of pedestrians or bicyclists on the facility or a lack of existing or planned public transit service. Exceptions may be requested and considered any time throughout the process through the Complete Streets Program Administrator in the Integrated Mobility Division.

A multi-disciplinary Complete Streets Review Team will review all requests for exceptions to the Complete Streets Policy. The Review Team will consider the justification for the proposed exception as detailed on the Complete Streets Project Sheet and decide whether to recommend approval of the exception. Exceptions will be automatically granted if requested by the local government.

If the exception is not approved, the Review Team will initiate additional discussion with relevant parties, including the Project Manager, to explore options and alternatives for including appropriate multi-modal elements in the project. If necessary, the decision will be elevated to the Chief Deputy Secretary and/or Secretary for a final decision.

The Complete Streets Review Team consists of:

- Complete Streets Program Administrator,
- State Traffic Engineer or designee,
- State Roadway Engineer or designee,
- Integrated Mobility Division Director or designee, and
- Division Planning Engineer/Corridor Development Engineer or designee.

2. Project Development

The project development phase carries a project from concept to the specific roadway design to be constructed. The project development process considers the context, constraints and purpose of a project. All planned facilities will receive the same consideration as a project moves through the development process.

The Complete Streets Project Sheet will carry forward with a project through the project development phase. Project managers will use the Complete Streets Project Sheet early in project development to assist with determining facilities to be included in preliminary project design alternatives. The person/entity serving as the project manager varies depending on where the project is in the development process – this may be the entity that submits the project for prioritization, the NCDOT project manager or the Complete Streets Program Administrator.

The Complete Streets Project Sheet will be a 'key document' in the Project Advancing Transportation through Linkages, Automation, and Screening (ATLAS) workbench, allowing all personnel working on the project throughout the development process to refer to the information. Project ATLAS features a workbench tool to organize technical reports and data needed during project delivery. As part of the Workbench structure, the Project Manager will be responsible for documenting how Complete Street elements are reflected in the project design.

2.1 Project Scoping

The Project Engineer will coordinate with NCDOT's Integrated Mobility Division (IMD) on all programmed roadway projects. The Integrated Mobility Division will participate in scoping meetings and provide a written summary memo identifying facility recommendations and design guidance as appropriate.

2.2 Bridge Projects

The Complete Streets Project Sheet will be integrated into the Structures Management Planning Process for bridge replacements and refurbishments. Until specific procedures are complete, the Project Engineer will coordinate with the Integrated Mobility Division through scoping requests to incorporate Complete Streets elements in bridge designs for each bridge replacement project undertaken by NCDOT.

Due to the long useful life of bridges, on bridges with shoulder approach sections, where:

- A pedestrian need is identified through an adopted plan, sufficient deck space will be made available on the replacement bridge for future construction of sidewalks.
- A bicycle need is identified through an adopted plan, sufficient width for bike facilities will be provided.

- A multi-use path or sidepath need is identified through an adopted plan, sufficient width for the appropriate facility will be provided on and/or below the structure.

2.3 Equal or Better Performance of a Facility

Conditions often change between the time a project is added to the STIP and the when the project development process begins that may support the incorporation of a different type of bicycle or pedestrian improvement than shown in an adopted plan. NCDOT will review an alternative facility to the bicycle and/or pedestrian facility type proposed in the adopted plan upon the written request of the local representatives to the Project Engineer. The Project Engineer will consult with the Complete Streets Program Administrator to request the evaluation of an alternative facility. The decision of the Complete Streets Review Team will be documented in the Complete Streets Project Sheet.

An alternative facility will be evaluated by the Complete Streets Review Team based on:

- Purpose and need of the proposed facilities
- Current or anticipated land use context of the project area
- Traffic count data
- Design speed
- Crash history
- Topographic and geometric features of the roadway
- Safety

3. Resurfacing and Maintenance Activities

3.1 Scheduled Resurfacing

Each year, a county-level resurfacing schedule is developed within each NCDOT Division. NCDOT Division staff will meet with local agencies to review the scheduled roadways and identify locations to evaluate Complete Streets improvements. These may include striping, markings and associated signage.

The following process will be followed to review resurfacing projects for complete street improvements:

- The Operations Program Management Unit will coordinate with the Integrated Mobility Division to identify planned facilities within the project limits suitable for implementation in conjunction with maintenance activities.
- Identified locations for Complete Streets improvements will be noted on a resurfacing list distributed to each unit of local government.
- The local government concurrence with recommended Complete Streets improvements will be provided to the local NCDOT Division in writing.
- Completed improvements will be incorporated into the Pedestrian and Bicycle Infrastructure Network (PBIN) and ATLAS upon completion.

3.2 Addition of Rumble Strips/Stripes

Rumble strips/stripes are recognized as a safety countermeasure to reduce lane departure motor vehicle crashes. Rumble strips/stripes, raised traffic bars, asphalt or concrete dikes, reflectors and other such surface alterations where installed on roadways without full access control will be placed in a manner as not to present hazards to bicyclists or interfere with existing on-road bicycle facilities.

Rumble strips/stripes will not be extended across the shoulder of the roadway or other areas intended for bicycle travel. For shoulders suitable for bicycle use, refer to the authoritative design references outlined in Section 7 of this Guide. The Mobility & Safety Division in coordination with the Integrated Mobility Division will evaluate situations on a case by case basis where rumble strips/stripes recommended for safety may conflict with bicycle travel.

4. Work Zone Accommodations

The continuity of existing bicycle and pedestrian facilities will be maintained during construction and maintenance activities. During the construction phase of a roadway project, NCDOT's [Guidelines for the Level of Pedestrian Accommodation in Work Zones](#) will be followed.

5. Policy References

5.1 Eliminated Policies

The following policy documents are superseded by the Complete Streets Policy (2019):

- *Complete Streets Policy* (2009) and *Complete Streets Planning and Design Guidelines* (2012)
- *Bicycle Policy* (2009, update)
- *Pedestrian Policy Guidelines* (2001)
- *Administrative Action to Include Local Adopted Greenway Plans in the NCDOT Highway Planning Process* (1994)

5.2 Related Policies

The following policy documents include elements related to Complete Streets implementation:

- *Traditional Neighborhood Development Manual* (2000)
- *Bridge Policy* (2000)
- *Policy on Street and Driveway Access to North Carolina Highways* (2003)
- *Exceptions to Maintenance Responsibilities on State Highway System Streets in Municipalities* (2003)
- *Guidelines for Inclusion of Greenway Accommodation Underneath a Bridge as Part of a NCDOT Project* (2015)
- *Subdivision Roads: Minimum Construction Standards* (2016)

6. Cost Share

6.1 Complete Street Cost Share

The table below illustrates the funding responsibilities for Complete Streets incorporating bicycle and pedestrian and public transportation facilities.

Complete Street Cost Share			
Facility Type	In Plan	Not in Plan, but Need Identified	Betterment
Pedestrian Facility	NCDOT pays full	Cost Share	Local
On Road Bicycle Facility	NCDOT pays full	NCDOT pays full	Local
Side Path	NCDOT pays full	Cost Share	Local
Greenway Crossing	NCDOT pays full	Cost Share	Local
Bus Pull Out	NCDOT pays full	Cost Share	Local
Bus Stop (pad only)	NCDOT pays full	Cost Share	Local

Bicycle, pedestrian and public transportation facilities that appear in an adopted Plan directly or by reference as described in Section 1.1 will be included as part of the proposed roadway project. Facilities will be designed based on the authoritative design references outlined in Section 7 of this Guide. NCDOT will fully fund the cost of designing, acquiring right of way, and constructing facilities, not including elements identified as betterments as defined in Section 6.3.

NCDOT is responsible for the full cost of bridge replacements and bridge widenings, including approved pedestrian facilities on the structure. Bridges will not be included in the total project construction cost for cost-sharing purposes. Where an alternative facility requiring equal or lesser right-of-way is deemed to perform on an equal or better basis with concurrence by the Integrated Mobility Division, NCDOT will construct the alternative facility at no cost to the local jurisdiction.

6.2 Cost Share Formula

Bicycle and pedestrian facilities incidental to a roadway project where a need has been identified through the project scoping process but not identified in an adopted plan may be included in the project. Inclusion of these incidental facilities requires the local jurisdiction to share the incremental cost of constructing the identified improvements, based on the population thresholds below.

Cost Share Formula		
Jurisdiction Population*	Cost Participation	
	NCDOT	Local
> 100,000	80%	20%
50,000 to 100,000	85%	15%
10,000 to 50,000	90%	10%
< 10,000	95%	5%
<i>*For counties, the non-municipal county population, OSBM</i>		

NCDOT will estimate the incremental cost of proposed improvements. The percentage of the total cost share for these improvements will be set according to the population of the jurisdiction in the most recent [annual certified estimate of population](#) as determined by the state demographer, and executed through a local agreement.

6.3 Betterment

A roadway project betterment is defined as:

- A requested bicycle, pedestrian or public transportation improvement that exceeds the recommendations appearing in an adopted plan and/or exceeds the needs identified through the project development process; or
- Aesthetic materials and treatments, if this cost is determined to exceed the cost of standard construction materials; or
- Landscaping in excess of standard treatments as defined by NCDOT [Roadside Aesthetics Policy](#); or
- Lighting in excess of standard treatments as defined by NCDOT lighting policy.

The additional costs associated with inclusion of these elements in a roadway project are the responsibility of the local jurisdiction, executed through a local agreement.

6.4 Maintenance

Bicycle and pedestrian improvements inside a municipal boundary are subject to local maintenance. A local maintenance agreement will be executed prior to the completion of a construction project.

For bicycle and pedestrian improvements outside of a municipal boundary where a county maintenance agreement is not executed to maintain the facility, NCDOT will maintain the facility after construction if the bicycle or pedestrian facility lies within NCDOT right-of-way.

7. Design Guidance

The NCDOT **Roadway Design Manual** will serve as the authoritative reference for Complete Streets design. Cross-sections from the Manual will be used in each stage of project planning, prioritization and development.

American Association of State Highway Transportation Officials (**AASHTO**) guides will serve as authoritative references for street design and will be used in coordination with the NCDOT Roadway Design Manual.

National Association of City Transportation Officials (**NACTO**) guides will serve as supplemental references for street design and will be used in coordination with the NCDOT Roadway Design Manual and AASHTO guides.

The Federal Highway Administration (**FHWA**) provides supplemental guidance on selecting appropriate bicycle and pedestrian facilities. These include guides on countermeasures, bikeways, raised medians and other facilities.

8. Administration of the Policy

The Complete Streets Core Technical Team (CTT) will meet quarterly to oversee the implementation of Complete Streets. The primary role of the CTT will be to review and maintain the Implementation Guide, recommend updates and process improvements and establish performance metrics for implementation. The CTT will direct the implementation of recommendations contained within the NCDOT Complete Streets 2.0 Recommendations document.

The CTT is comprised of representatives of the following units:

- ADA/Title VI Office
- Integrated Mobility Division
- Chief Deputy Secretary's Office
- Division of Highways
- Environmental Policy Unit
- Mobility & Safety
- Planning & Programming
- Rail Division
- Roadway Design Unit
- Technical Services
- Transportation Planning Division

Mode: _____

Note that this sheet does not need to be completed for ferry vessel projects, freight rail infrastructure projects, or aviation projects.

SPOT ID: _____ TIP #: _____

Route/Project Name: _____

Submitting Organization: _____ Contact Name: _____

Date: _____

The NCDOT Complete Streets Policy requires pedestrian, bicycle, and public transportation facilities to be evaluated for all transportation projects. Facility recommendations will vary depending on a project's context. Final determination of facilities to be included will be made in Project Development.

Complete the boxes below and on page 2 to note which facilities are being evaluated as part of the project. Check all facilities that apply, or if facilities for a particular mode will not be evaluated, check the reason(s) that apply.

Pedestrian facilities to be evaluated:

- Sidewalks*
- Marked crosswalks
- Pedestrian crossing countermeasures
- Pedestrian signalization
- Multi-use path or sidepath*
- Other element(s):

Pedestrian facilities will NOT be evaluated because (at least one):

- Location is greater than one mile from any existing or planned pedestrian facility, residential or commercial land use, school, or public transit stop.
- Location has unique site constraints.
- Pedestrian uses are prohibited.
- Additional reasons(s) or notes:

*Subject to local municipal agreement

Bicycle facilities to be evaluated:

- Multi-use path or sidepath*
- Protected bike lane
- Striped bike lane (buffered or standard)
- Marked shoulder with supplemental pavement markings
- Other element(s):

Bicycle facilities will NOT be evaluated because (at least one):

- Location has unique site constraints.
- Bicycle uses are prohibited.
- Additional reasons(s) or notes:

*Subject to local municipal agreement

P6.0 Complete Streets Project Sheet

Public transit improvements to be evaluated:

- Improved bus stops*
- Sidewalks*
- Pedestrian crossing treatments
- Bus pullouts
- Transit signal priority
- Bus on Shoulder System (BOSS)
- Dedicated lanes/Bus Rapid Transit Facility
- Other element(s):

Public transit improvements will NOT be evaluated because (at least one):

- Location is not served by any public transit routes and no new service is identified in any public transit agency plans.
- Location has unique site constraints
- Additional reason(s) or notes:

*Subject to local municipal agreement

EXCEPTIONS

If *no* facilities for pedestrians, bicycles, or public transportation will be evaluated, an exception to the Complete Streets Policy is required. Please provide detailed information to justify the exception to including any Complete Streets elements in this project. **Note that Exceptions will be reviewed by the Complete Streets Review Team upon programming in the STIP of the project.**

Remainder of sheet is intended for use by Complete Streets Review Team.

Date reviewed:

- Exception has been reviewed and approved by the Complete Streets Review Team.
- Exception has not been reviewed and NOT approved by the Complete Streets Review Team.

State Traffic Engineer or designee

Date

Director of Bike Ped/Public Transportation Division or designee

Date

Division Planning Engineer/Corridor Development Engineer or designee

Date



Piedmont Authority for Regional Transportation

What's Happening at PART

Updates for January 2020

PART Express Route Adjustments January 2020

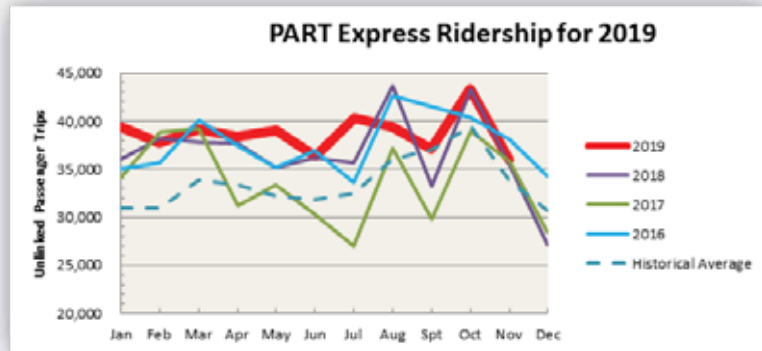
Here at PART we continuously review routes and passenger requests to see how we can make improvements to the system and a few times per year we will make adjustments. While we do fully consider and analyze every request, not all requests can be accommodated due to operational and cost considerations.

The new stops/schedules will be implemented Monday, January 6, 2020.



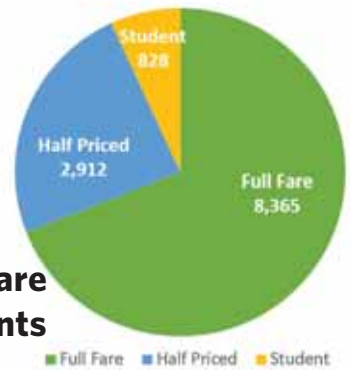
Routes affected are 6, 10, 17, and 28.

See details at www.partnc.org/refresh.



November PART Express Ridership totaled 36,012

TouchPass Users
891 TouchPass Smartcard Users
1,257 TouchPass Mobile App Users



TouchPass Fare Payments



PART Express Operator of the Month

Congratulations to the Ms. Jane Robinson who was named Operator of the Month for National Express and PART. Thank you for all you do Ms. Jane!



In The Region

- Davidson County Transportation Featured on Fox 8 News for Ridership Increase
- Business 40 Could Possibly Open by April

STAY CONNECTED

www.PARTNC.org
336.883.7278
contactus@partnc.org



TransLoc® Bus Tracking App

Updates for January 2020

PART Receives Federal Grant

PART was included in the Federal announcement by US Transportation Secretary Elaine L. Chao as a recipient of the 2019 Bus and Bus Facility Grant Program. \$6.8 Million was awarded to assist in bus replacement and expansion needs over the next few years.



The Federal Transit Administration (FTA) will award \$423 million in transit infrastructure grants nationwide to improve the safety and reliability of America's bus systems and enhance mobility for transit riders.

"Public bus systems throughout the country provide millions of Americans access to jobs, healthcare, grocery stores, and other vital services," said US Transportation Secretary Elaine L. Chao.

In North Carolina, three projects will receive a total of \$24.5 million, including \$17.3 million to the North Carolina Department of Transportation to help several rural transit systems replace vehicles and construct public transportation facilities throughout the state; as well as \$6.8 million to PART and \$480,000 to the City of Salisbury to purchase new vehicles to replace those that have exceeded their useful life.

Offering Exclusive Discounts with XPass

Between tight deadlines, long hours and heavy workloads, we know there are a lot of stressors in the average worker's daily life. At PART, we don't think commuting to and from the office should be one of them. We want to give employers the resources they need to help make that a possibility for their hardworking employees. So, we created our XPass Employer Discount Program to help achieve both of these goals.

Find out more at www.partnc.org/whathappening



Centric Brands recently relocated to Downtown Greensboro and has signed up for the XPass Program. They are excited to offer this added benefits to employees and allow them to get 30% discount on PART bus passes. PART staff will be on site at Centric Brands on Jan 14th 11am-1pm.

Updates for January 2020

**Happy New Year from all of us
at the PART Office!**

www.partnc.org/staff

Brooke, Daniel, David, Scott, Chris, Mike, John, Sabrina, Jung, Yu, Tracy, Mary, Emma, Kyle, JD, Sabrina, Mack, HB, Alex, Cruise, Jimmy, Miguel, H



www.PARTnc.org 336.883.7278	PART Express Bus & Shuttle Routes	Route 5 NC Amtrak Connector	Piedmont Transit Resources Call Center	PART Admin. Office
New Years Day Wednesday, Jan. 1	-	●	-	-
MLK Jr. Day Monday, Jan. 20	●	●	●	-
Good Friday Friday, April 10	-	●	-	-
Memorial Day Monday, May 25	-	●	-	-
Independence Day (Observed) Friday, July 3	●	●	●	-
Independence Day Saturday, July 4	-	●	-	-
Labor Day Monday, Sept. 7	-	●	-	-
Veterans Day Wednesday, Nov. 11 (ED Designated Holiday)	●	●	●	-
Thanksgiving Thursday, Nov. 26	-	●	-	-
(Day After) Thanksgiving Friday, Nov. 27	●	●	●	-
Christmas Eve Thursday, Dec. 24	●	●	●	-
Christmas Day Friday, Dec. 25	-	●	-	-

● Indicates Regular or Adjusted Schedules
- Indicates Service is Closed

**NO MORE MAGSTRIPE PAPER PASSES
USE BY END OF 2019**

**STARTING JANUARY 2020
PART WILL NO LONGER
ACCEPT 31-DAY, 10-RIDE,
OR REGIONAL FARE CARDS
THAT ARE PAPER PASSES.
NO REFUNDS.**

Download the TouchPass App or visit the CTC to get a TouchPass Smartcard to purchase passes, use stored value, and save money using PART Rewards.

www.PARTnc.org 336-883-7278

NC Moves Survey - Give Your Input

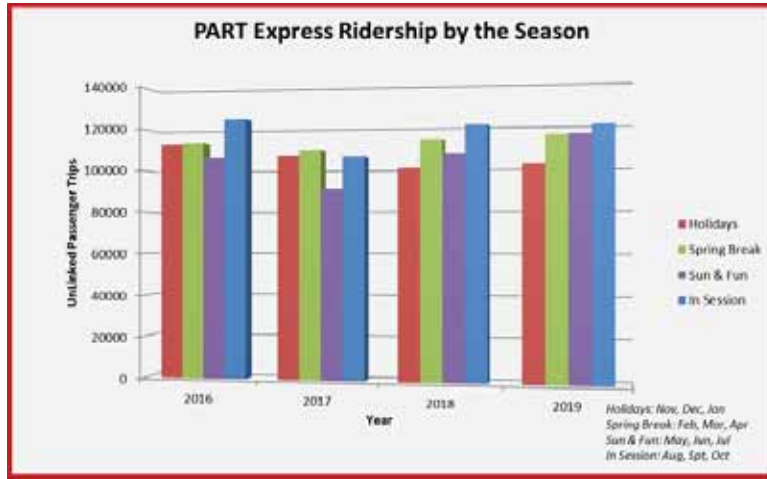
- The North Carolina Department of Transportation wants to build a transportation system people want, need and will use. So, what is it that you want? Now is the time to speak up. Participate in a short survey and share what's important to you.

www.publicinput.com/ncmoves #NCMOVES

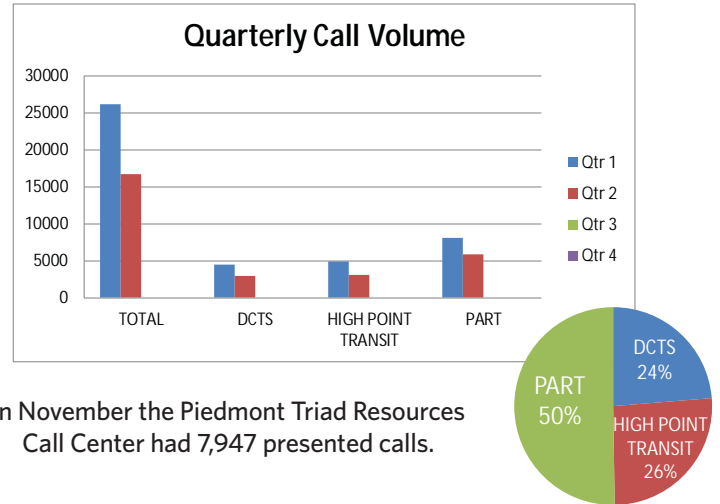


Updates for January 2020

PART Express Data



Piedmont Transit Resources Call Center



In November the Piedmont Triad Resources Call Center had 7,947 presented calls.

FEATURED ROUTE OF THE MONTH - ROUTE 17

Route 17 Kernersville Express is classified as a urban commuter express route that connects Kernersville to Winston-Salem and Greensboro providing service to Coble Transportation Center (CTC), FedEx Ground, Kernersville Medical Center, Kernersville VA Health Care Center, Kernersville Town Hall, WF Baptist Medical Center, Forsyth Medical Center, and Winston-Salem Transportation Center. The Route has been very successful over the past year with growth from the Business 40 Program and increased service. Kernersville continues to add new employment areas and now the Amazon facility will be opening soon, PART plans to service this location. Visit www.partnc.org/route17 for more info.

Route 17 Kernersville Express Growth During Business 40

	Total Ridership	Service Days	Avg. Daily Ridership	SOV Pass. Miles Reduced
Nov '18	521	21	24.8	5,653
Dec '18	391	18	21.7	4,739
Jan '19	654	22	30	5,307
Feb '19	524	20	26	5,020
Mar '19	632	21	30	5,099
Apr '19	552	21	26	3,158
May '19	1,330	22	60	12,130
Jun '19	1,249	20	62	10,556
Jul '19	1,267	22	58	10,837
Aug '19	1,465	22	67	12,486
Sept '19	1,281	20	64	10,835
Oct '19	1,545	23	67	12,122
Nov '19	1,200	20	60	10,134

Miles Round Trip - 53

of Stops - 20

Travel Time (One Way) - 1 hour 3 mins

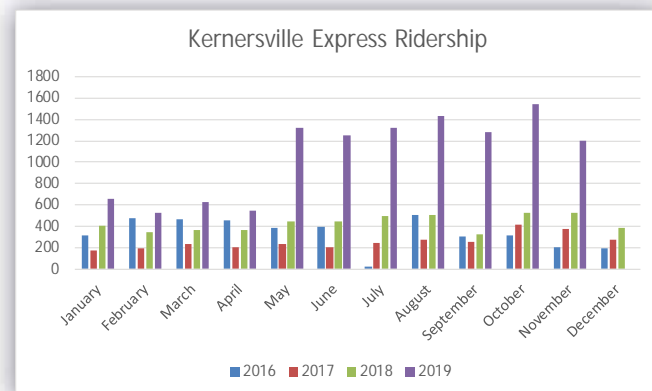
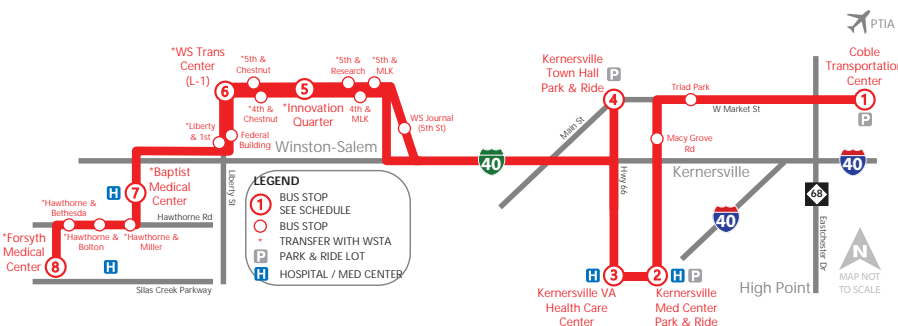
Transit Connections - WSTA, Greyhound, Baptist Shuttle, WFU Downtown Shuttle, Trans Aid, WSSU Rams Shuttle

Connecting Communities

Kernersville, Greensboro, Winston-Salem



In January The Kernersville Town Hall stop will be moved to the stop sign next to the Farmers Market shelter to allow passengers to use the shelter during inclement weather.





**Piedmont Authority
for Regional Transportation**

What's Happening at PART

Updates for December 2019



PART Express Holiday Hours

Tuesday, December 24
Saturday Level Service ONLY
Routes 1, 2, 3 (7a-7p Hourly)
Airport Shuttles (On Demand)
Route 5 (Regular Service)

Wednesday, December 25
No Service (Except Rt. 5)

Thursday, December 26
Regular Service

Wednesday, January 1
No Service (Except Rt. 5)

*Piedmont Transit Resources Call Center
will be open 12/24 and 12/26.
(336) 883-7278

MORE INFO: PARTNC.ORG/HOLIDAY

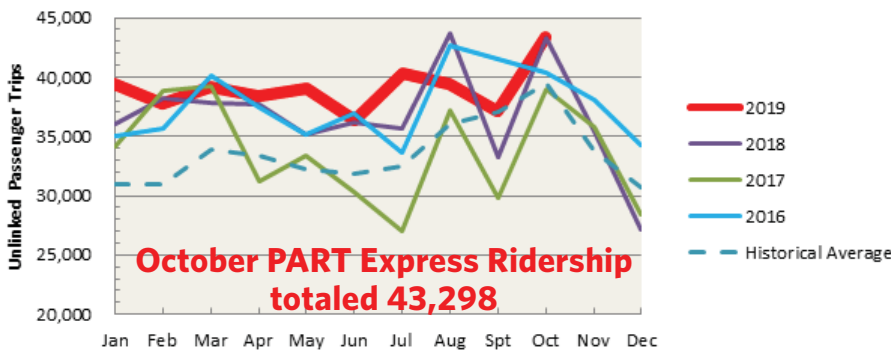
TouchPass Mobile Technology
As of Oct 31st, 38% of ridership was using TouchPass; our goal for usage by October was 9%.



**NO MORE MAGSTRIPE
PAPER PASSES
USE BY END OF 2019**

Starting January 2020 PART
will no longer accept 31-Day,
10-Ride, or Regional Fare Cards

PART Express Ridership for 2019



Operator of the Month

Milton Johnson is Operator of the Month for PART Express and NETS team. Congrats and thanks for all you do!



Inclement Weather Alerts

The upcoming months may result in winter weather. We urge you to plan ahead and join our lists to stay alert.

Visit www.partnc.org/alerts for info.



STAY CONNECTED

www.PARTNC.org
336.883.7278
contactus@partnc.org



TransLoc® Bus Tracking App



In The Region

- City of Winston-Salem Launches New Website
- Downtown Greensboro Green-way Final Step
- HP Chamber Celebrates 100th Anniversary

Updates for December 2019

Business 40 Testimonials

Heather, Route 6 Rider

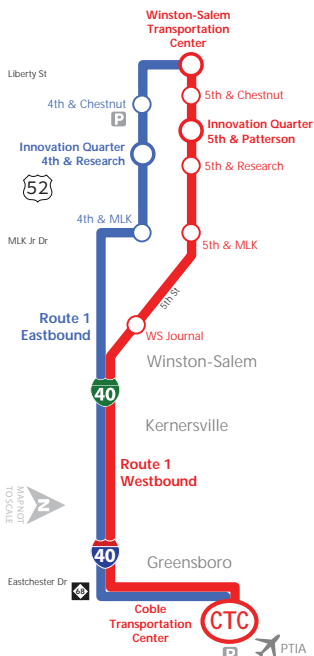
Living in Mount Airy commuting to Winston-Salem daily is 400 miles a week for Heather's commute. She's able to make that commute affordable by riding PART. She's been riding Route 6 since it started 13 years ago. Heather currently works at Womble Bond Dickinson in downtown Winston-Salem. She uses her time on the bus to decompress before and after work. Thanks for riding Heather!



Natrina, Route 1 & 3 Rider

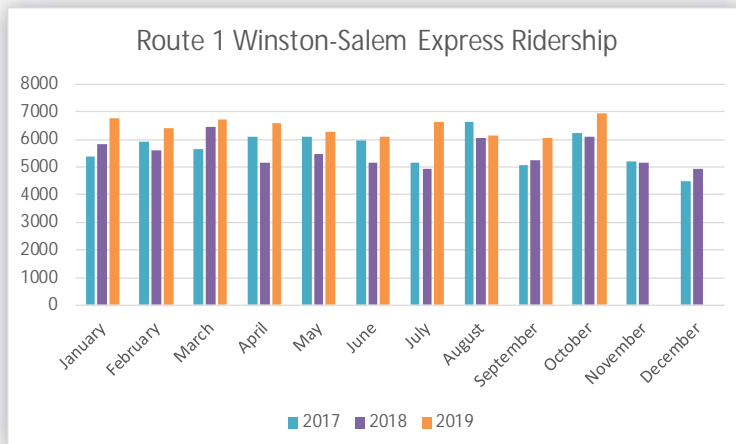
Natrina is a regular rider of PART, she works at Wake Forest Baptist Health and commutes from High Point to Winston-Salem every day. She rides Route 3 HP Express, transfers to Route 1 WS Express, and WSTA to finish the trip to the Cloverdale Baptist location. Through the Business 40 XPass program she's saving money and gets 50% off her bus pass. Thanks for riding Natrina!

FEATURED ROUTE OF THE MONTH - ROUTE 1



Route 1 Winston-Salem Express connects the Coble Transportation Center (CTC) to Downtown Winston-Salem Transportation Center. We have seen ridership grow over the past year; ridership in October was 6,922 averaging 300 passenger trips per day. Visit partnc.org/route1 for more info.

Miles Round Trip - 38 # of Stops - 10 Travel Time (One Way) - 30 mins Connect to: WSTA, Greyhound



Month	Total Ridership	Service Days	Avg. Daily Ridership	SOV Pass. Miles Reduced
Nov '18	6,207	21	296	99,506
Dec '18	4,747	17	279	76,442
Jan '19	6,759	22	307	108,198
Feb '19	6,413	20	321	103,744
Mar '19	6,704	21	319	108,175
Apr '19	6,571	21	313	103,250
May '19	6,268	22	285	99,308
Jun '19	6,101	20	305	95,668
Jul '19	6,356	22	289	99,152
Aug '19	6,166	22	280	93,859
Sep '19	6,066	20	303	92,868
Oct '19	6,922	23	301	106,089