Cape Fear RPO

Brunswick County & Columbus County & Pender County

RURAL TRANSPORTATION ADVISORY COMMITTEE

JUNE 16, 2023

Call to Order

Roll Call

Invocation

Pledge of Allegiance



Ethics Awareness & Conflict of Interest

In accordance with the State Government Ethics Act, it is the duty of every Committee member to avoid conflicts of interest.

Does any Committee member have any known conflict of interest with respect to any matters coming before the Committee today?

If so, please identify the conflict and refrain from any participation in the particular matter involved.

IntroductionPresentationsRegular BusinessReports / UpdatesConclusion

Item 5: Agenda Review

- 1. Call to Order
- 2. Roll Call
- 3. Invocation / Pledge of Allegiance
- 4. Ethics Awareness & Conflict of Interest Statement
- 5. Agenda Review
- 6. Approval of Minutes
- 7. Public Comment

- 8. Presentation: Prioritization 101
- 9. Prioritization 7.0 Discussion
- 10. FY 2022-23 PWP Amendment
- 11. PAS-TRAN FY25 5310 Grant Resolution
- 12. Reports/Updates
- 13. Open Discussion
- 14. Adjourn

IntroductionPresentationsRegular BusinessReports / UpdatesConclusion

Item 6: RTAC Meeting Minutes

Review of the April 21, 2023 minutes



Item 7: Public Comment Period

IntroductionPresentationsRegular BusinessReports / UpdatesConclusion

Prioritization 101

AN OVERVIEW OF NCDOT'S PRIORITIZATION PROCESS WITH A LOOK TOWARDS P7.0

Prioritization 101

- O What is Prioritization?
- O How does it work?
- What is the RPO's role in Prioritization?

Project Life Cycle

Observations / Needs

Transportation Planning

MPO / RPO / Division coordination

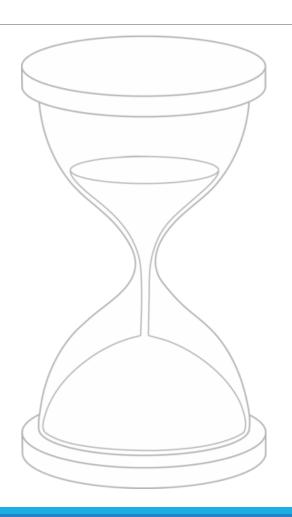
Prioritization (SPOT) /

State Transportation Improvement Program (STIP)

Project Design / NEPA

LET Process / Construction

Operations & Maintenance



Terminology

Prioritization = assigning data and scores to projects

STIP = State Transportation Improvement Program

= 10-year document of project funding and schedules

Programming = process of assigning funding and schedule to projects

Prioritization Process is Law

"The Department shall develop and utilize a <u>process for selection of transportation projects</u> that is based on professional standards in order to most efficiently use limited resources to benefit all citizens of the State.

The strategic prioritization process should be a <u>systematic</u>, <u>data-driven process</u> that includes a <u>combination of</u> quantitative data, qualitative input, and multimodal characteristics, and should include local input.

The Department shall develop a process for standardizing or approving local methodology used in Metropolitan Planning Organization and Rural Transportation Planning Organization prioritization." - S.L. 2012-84

Attempting to remove politics from the decision-making process.

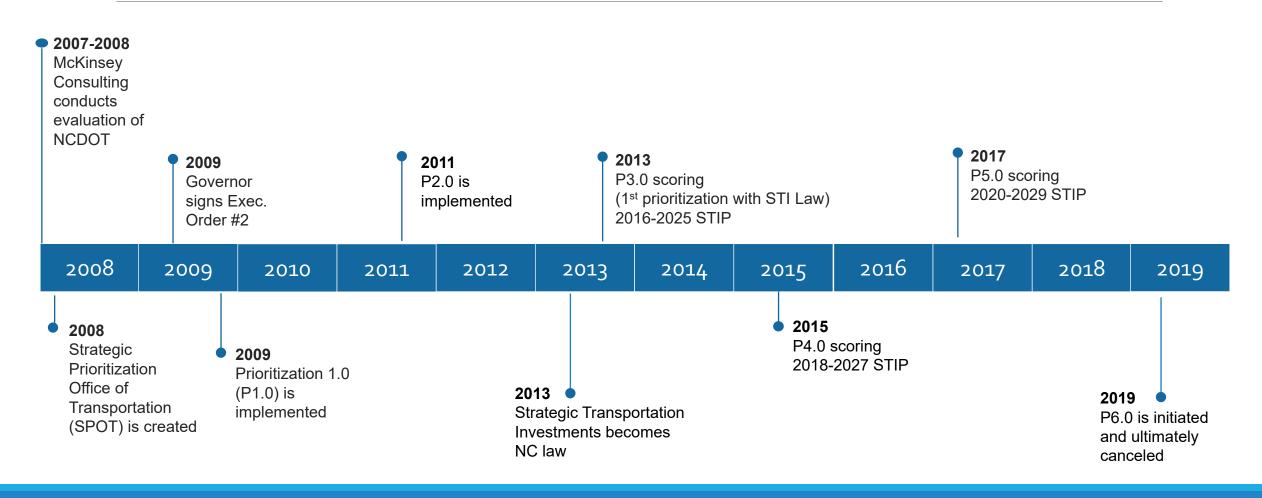
Making the project selection process more transparent.



STRATEGIC TRANSPORTATION INVESTMENTS

Smart decisions to keep North Carolina moving.

History of Prioritization



How the STI Law Works

- Prioritizes Capital Expenditures across all modes
 - Modes: Aviation, Bicycle/Pedestrian, Ferry, Highway, Rail, Transit
- Needs-based, data-driven
- Directly ties funding to Prioritization Results
- Funding comes from Highway Trust Fund and Federal Aid Program
- Workgroup used every cycle for improvement

STI Law: Legislation vs. Workgroup

STI Law defines:

- Funding Categories and Percentages
- Project Eligibility
- Highway Scoring Criteria
 Names
- Funding Constraints

Workgroup recommends for BOT approval:

- Scoring Process (timeframe, submittals, carryovers, etc.)
- Highway Measures and Weights
- Non-Highway Criteria, Measures, and Weights
- Modal Allocation (funding allocation between modes)
- Local Input Points

STI Law: Funding Categories & Percentages

40% of Funds

30% of Funds

30% of Funds

Statewide Mobility

Focus = Addressing significant congestion and bottlenecks

Score =

100% Quantitative Data

Regional Impact

Focus = Improving connectivity within Regions

Score = 70% Quantitative Data + 30% Local Input

Funding based on population within each Region (7)

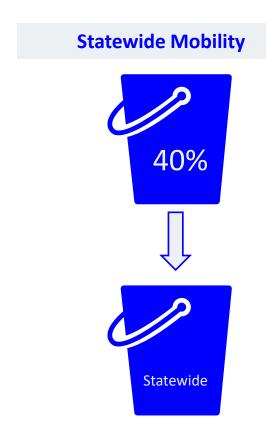
Division Needs

Focus = Addressing local needs

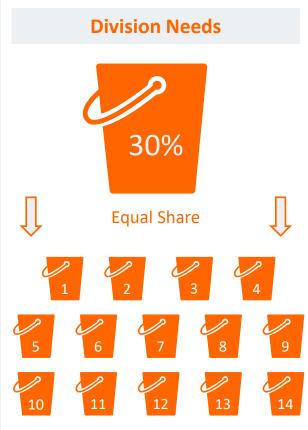
Score = 50% Quantitative Data + 50% Local Input

Funding based on equal share for each Division (14)

STI Law: Funding Categories & Percentages







STI Law: Project Scoring

- Criteria:
 - Quantitative criteria (data-driven) all 3 categories
 - Qualitative criteria (Local Input Points) Regional Impact and Division Needs categories
- 0 to 100 scale
- Selection of projects in ranked order
- Legislation provides the names of Highway Quantitative Criteria:

Congestion	Benefit/Cost	Safety	Freight	Economic Competitiveness ¹
Accessibility/ Connectivity ²	Multimodal	Lane Width	Shoulder Width	Pavement Score

- Workgroup flexibility in determining the methodology used to calculate criteria
- Non-Highway Modes must have a minimum of 4 quantitative criteria

¹ Statewide Mobility only;

² Regional Impact & Division Needs only

State Transportation Improvement Program (STIP)

STIP identifies funding and scheduling of projects in NCDOT's capital program

~55% of NCDOT's Budget

10 Year Program (currently 2020-2029)

- First half is "Delivery STIP" projects scheduled for delivery
- Second half is "Developmental STIP" projects in early scoping and environmental development stage

Updated approximately every 2 years

STIP contains different project types:

- Highway & Non-Highway (<u>Prioritization</u>)
- Bridges, Safety, Interstate Maintenance, CMAQ, Carbon Reduction Program, and others.

Projects Submitted by MPOs, RPOs, & Divisions



- 1. Reviewed for eligibility
- 2. Data screened & developed
- Quantitative scores calculated

Statewide Mobility 40% of Funds

- 1. Projects programmed
- Projects not programmed cascaded to next category

Regional Impact 30% of Funds

- 1. Local input points assigned
- 2. Total scores calculated
- 3. Projects programmed
- Projects not programmed cascaded to next category

Regional Impact Score = 70% Quantitative + 30% Local Input

Division Needs 30% of Funds

- 1. Local input points assigned
- 2. Total scores calculated
- 3. Projects programmed

Division Needs Score = 50% Quantitative + 50% Local Input

Statewide Mobility Score = 100% Quantitative

"Projects Scheduled for Delivery"

10 Year Program (currently 2020-2029)

- First half is "**Delivery STIP**" projects scheduled for delivery
- Second half is "Developmental STIP" projects in early scoping and environmental development stage

Formerly known as "Committed Projects"

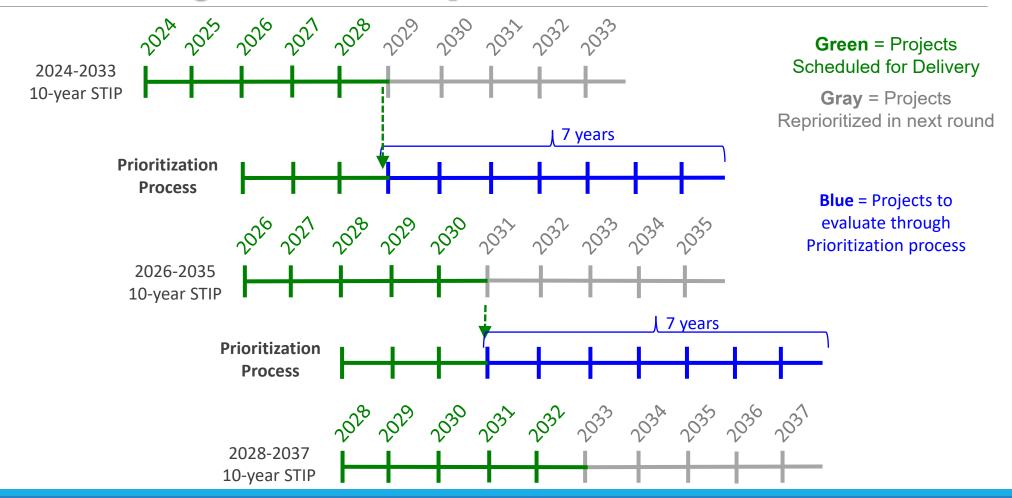
<u>Definition</u>: Projects **NOT** subject to re-evaluation in next round of Prioritization

Applies to 2024-2033 STIP (scheduled for adoption)

- Applies to ALL modes
- Applies to first year of programming (ROW or CON)
- Future dollars tied up

>> Programmed for ROW or CON between 2024 and 2028 <<

Projects Scheduled for Delivery <u>vs.</u> Years Subject to Reprioritization



Carryover Projects

"Carryover Projects" are automatically evaluated in the next round of Prioritization

P7.0 Workgroup recommended Carryover Projects to be defined as

- In the adopted 2024-2033 STIP and not scheduled for delivery (2nd half)
- Have completed environmental documents
- Sibling of programmed projects
- Two P6.0 New Submittals (per partner discretion)

Modifications:

- Segmenting counts as additional submittal slot
- Scope changes do not count as additional submittal slot
- 1 out / 1 in allowed with partner agreement

All other projects "removed" and available for resubmittal → "Holding Tank" Projects

Project Submittals

P7.0 Workgroup recommended the number of project submittals to be calculated using the same formula as in P6.0:

MPOs and RPOs

- Base of 12 submittals, plus:
 - +1 submittal for every 50,000 in population
 - +1 submittal for every 500 centerline miles

(No maximum number of submittals)

Divisions

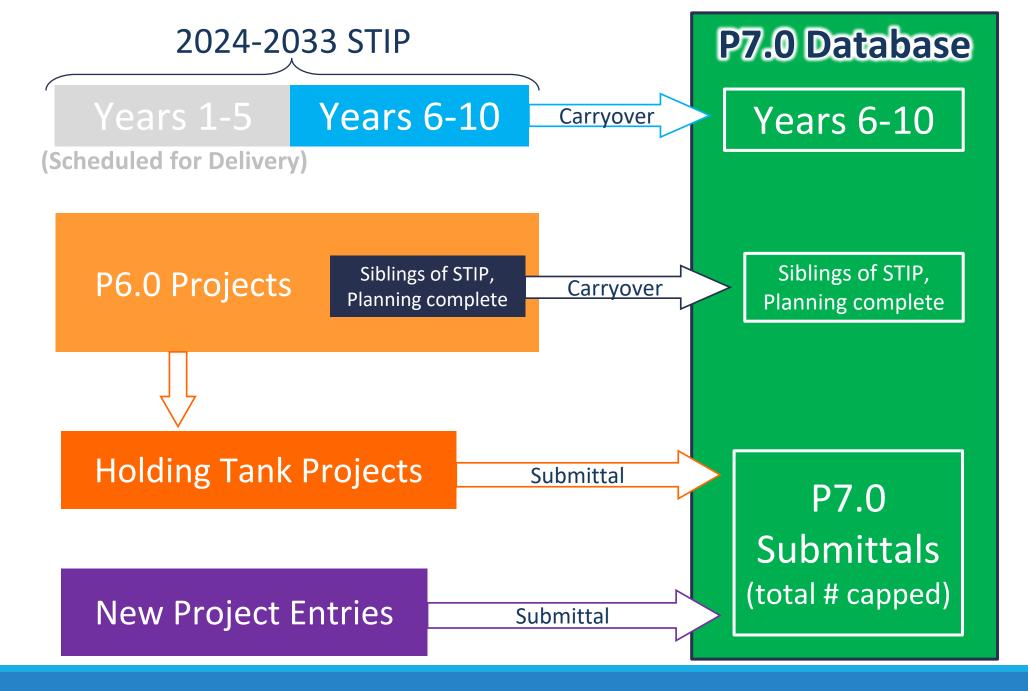
- 14 submittals
- Formula applies to <u>each mode</u>
- 1 out / 1 in (with Carryover projects) allowed with partner agreement

Recommended P7 Number of Submittals

	2020 Census	Population	P7 Add'l Projects	2023 Centerline	Centerline Miles	P7 Add'l Projects	P7 Maximum
MPO/RPO Name	Population Population	rounded to	Based on	Miles	rounded to	based on	Submittals for
	Population	nearest 50,000	Population	ivilles	nearest 500	Centerline Miles	Each Mode
Albemarle RPO	174,219	150,000	3	2,937	3,000	6	21
Burlington-Graham MPO	176,195	200,000	4	1,036	1,000	2	18
Cabarrus-Rowan MPO	352,583	350,000	7	1,996	2,000	4	23
Cape Fear RPO	140,902	150,000	3	2,238	2,000	4	19
Capital Area MPO	1,304,889	1,300,000	26	4,158	4,000	8	46
Charlotte Regional Transportation PO	1,494,627	1,500,000	30	3,677	3,500	7	49
Down East RPO	139,417	150,000	3	1,905	2,000	4	19
Durham-Chapel Hill-Carrboro MPO	462,954	450,000	9	1,337	1,500	3	24
Eastern Carolina RPO	169,863	150,000	3	2,960	3,000	6	21
Fayetteville Area MPO	404,905	400,000	8	1,358	1,500	3	23
Foothills RPO	132,825	150,000	3	2,077	2,000	4	19
French Broad River MPO	426,274	450,000	9	2,561	2,500	5	26
Gaston-Cleveland-Lincoln MPO	404,464	400,000	8	2,998	3,000	6	26
Goldsboro Urban Area MPO	90,276	100,000	2	597	500	1	15
Grand Strand Area Transportation Study	47,909	50,000	1	271	500	1	14
Greater Hickory MPO	367,982	350,000	7	3,168	3,000	6	25
Greensboro Urban Area MPO	406,916	400,000	8	1,589	1,500	3	23
Greenville Urban Area MPO	140,982	150,000	3	465	500	1	16
High Country RPO	212,443	200,000	4	4,158	4,000	8	24

Recommended P7 Number of Submittals

MPO/RPO Name	2020 Census Population	Population rounded to nearest 50,000	P7 Add'l Projects Based on Population	2023 Centerline Miles	Centerline Miles rounded to nearest 500	P7 Add'l Projects based on Centerline Miles	P7 Maximum Submittals for Each Mode
High Point Urban Area MPO	291,390	300,000	6	1,837	2,000	4	22
Jacksonville Urban Area MPO	198,407	200,000	4	569	500	1	17
Kerr-Tar RPO	165,829	150,000	3	2,837	3,000	6	21
Land-of-Sky RPO	68,364	50,000	1	1,196	1,000	2	15
Lumber River RPO	222,064	200,000	4	3,363	3,500	7	23
Mid-Carolina RPO	182,912	200,000	4	3,479	3,500	7	23
Mid-East RPO	110,738	100,000	2	2,143	2,000	4	18
New Bern Area MPO	54,294	50,000	1	254	500	1	14
Northwest Piedmont RPO	166,565	150,000	3	2,989	3,000	6	21
Peanut Belt RPO	113,183	100,000	2	2,628	2,500	5	19
Piedmont Triad RPO	260,674	250,000	5	3,970	4,000	8	25
Rocky Mount Urban Area MPO	77,662	100,000	2	487	500	1	15
Rocky River RPO	103,648	100,000	2	2,109	2,000	4	18
Southwestern RPO	143,270	150,000	3	2,618	2,500	5	20
Triangle Area RPO	230,432	250,000	5	2,931	3,000	6	23
Upper Coastal Plain RPO	232,705	250,000	5	3,089	3,000	6	23
Wilmington Urban Area MPO	296,302	300,000	6	827	1,000	2	20
Winston-Salem Urban Area MPO	449,926	450,000	9	1,479	1,500	3	24



Funding	QUANTITATIVE	LOCAL INPUT
Category	Data	Division MPO/RPO
Statewide Mobility	Criteria 1 = 30% Criteria 2 = 25% Criteria 3 = 15% Criteria 4 = 10% Criteria 5 = 15% Criteria 6 = 5%	
Regional Impact	Criteria 1 = 20% Criteria 2 = 20% Criteria 3 = 10% Criteria 4 = 10% Criteria 5 = 10%	15% 15%
Division Needs	Criteria 1 = 15% Criteria 2 = 15% Criteria 3 = 10% Criteria 4 = 5% Criteria 5 = 5%	25% 25%

Local Input Points

P7.0 Workgroup recommended the number of local input points to be calculated using the same formula as in P6.0:

- Number of Points per Area:
 - Base of 1,000 points
 - +100 additional points for every 50,000 in population (rounding up)

Max 2,500 points per area

Same allocation for **Regional Impact** and **Division Needs**

100 points max per project per category

Recommended P7 Number of Local Input Points

MPO/RPO Name	2020 Census Population	Population rounded to next 50,000	P7 Local Input Points
Albemarle RPO	174,219	200,000	1,400
Burlington-Graham MPO	176,195	200,000	1,400
Cabarrus-Rowan MPO	352,583	400,000	1,800
Cape Fear RPO	140,902	150,000	1,300
Capital Area MPO	1,304,889	1,350,000	2,500
Charlotte Regional Transportation PO	1,494,627	1,500,000	2,500
Down East RPO	139,417	150,000	1,300
Durham-Chapel Hill-Carrboro MPO	462,954	500,000	2,000
Eastern Carolina RPO	169,863	200,000	1,400
Fayetteville Area MPO	404,905	450,000	1,900
Foothills RPO	132,825	150,000	1,300
French Broad River MPO	426,274	450,000	1,900
Gaston-Cleveland-Lincoln MPO	404,464	450,000	1,900
Goldsboro Urban Area MPO	90,276	100,000	1,200
Grand Strand Area Transportation Study	47,909	50,000	1,100
Greater Hickory MPO	367,982	400,000	1,800
Greensboro Urban Area MPO	406,916	450,000	1,900
Greenville Urban Area MPO	140,982	150,000	1,300
High Country RPO	212,443	250,000	1,500

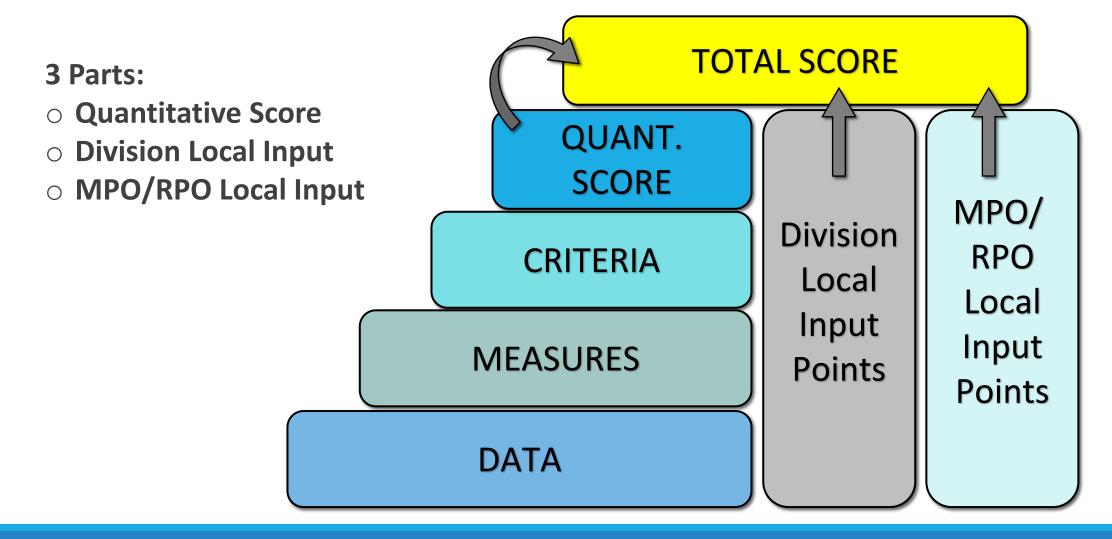
Recommended P7 Number of Local Input Points

MPO/RPO Name	2020 Census Population	Population rounded to next 50,000	P7 Local Input Points
High Point Urban Area MPO	291,390	300,000	1,600
Jacksonville Urban Area MPO	198,407	200,000	1,400
Kerr-Tar RPO	165,829	200,000	1,400
Land-of-Sky RPO	68,364	100,000	1,200
Lumber River RPO	222,064	250,000	1,500
Mid-Carolina RPO	182,912	200,000	1,400
Mid-East RPO	110,738	150,000	1,300
New Bern Area MPO	54,294	100,000	1,200
Northwest Piedmont RPO	166,565	200,000	1,400
Peanut Belt RPO	113,183	150,000	1,300
Piedmont Triad RPO	260,674	300,000	1,600
Rocky Mount Urban Area MPO	77,662	100,000	1,200
Rocky River RPO	103,648	150,000	1,300
Southwestern RPO	143,270	150,000	1,300
Triangle Area RPO	230,432	250,000	1,500
Upper Coastal Plain RPO	232,705	250,000	1,500
Wilmington Urban Area MPO	296,302	300,000	1,600
Winston-Salem Urban Area MPO	449,926	450,000	1,900

Recommended P7 Number of Local Input Points

Division	2020 Census Population	Population rounded to next 50,000	P7 Local Input Points
01	259,368	300,000	1,600
02	498,175	500,000	2,000
03	751,268	800,000	2,500
04	605,706	650,000	2,300
05	1,642,369	1,650,000	2,500
06	689,414	700,000	2,400
07	959,124	1,000,000	2,500
08	538,152	550,000	2,100
09	774,545	800,000	2,500
10	1,629,022	1,650,000	2,500
11	371,163	400,000	1,800
12	779,095	800,000	2,500
13	516,304	550,000	2,100
14	373,793	400,000	1,800

Building a Project Score



Additional Topics to Cover

Project Eligibility

Project Scoring Overview (by mode)

- Will be sent via email for RPO member to use for reference when brainstorming projects
- Can be the subject of future RPO meeting presentations

Reminder: RPO Staff always available for questions.

Item 9: Prioritization 7.0 Discussion

- Project Lists to be curated starting with:
 - P6.0 New Submittals
 - P7.0 Holding Tank Projects
 - CTP Projects
- Next Step: County Meetings
 - Gather project list from each County and its RPO Municipalities
 - Rank projects according to priority
- Future Step: Present Draft Project Submittal List to TCC/TAC in August
 - List will combine ranking of projects from all 3 counties
 - Final TAC approval required by September

Introduction	Presentations	Regular Business	Reports / Updates	Conclusion
--------------	---------------	------------------	-------------------	------------

Item 10: FY22-23 Planning Work Program Amendment

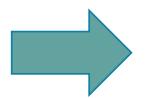
Amendment to PWP for Current Fiscal Year

- Redistributing funds across PWP categories/line items to match RPO activities
- No change to the overall budget

Moving funds from:

II-1 CTP Development

II-1 Indirect Costs



Moving funds to:

I-1 Data Collection and Assessment

II-2 Prioritization

II-3 Program and Project Development

IV-3 Lodging, Meals, Incidentals

IV-4 Postage

IV-6 Travel

Introduction Presentations Regular Business Reports / Updates Conclusion

Item 11:Pender Adult Services (PAS-TRAN) FY25 5310 Grant Resolution of Support

Section 5310 Grant

- Enhanced Mobility of Seniors & Individuals with Disabilities
- No Cost to the RPO

Introduction Presentations Regular Business Reports / Updates Conclusion

Additional Item: NCDOT Ferry Division Rural Ferry Program Grant Letter of Support

Grant to plan for improvements at the Cherry Branch terminal

- Planning study will include conceptual site design for a depot-level maintenance facility
- Facility would provide a second maintenance facility capable of performing in-water
 maintenance for the Division's vessels increased productivity, decreased vessel downtime
- Facility would reduce ferry run times for operations and maintenance (Cherry Branch is more centrally located) – reduced mileage, travel time, and emissions
- No Cost to the RPO

Introduction Pr	Presentations	Regular Business	Reports / Updates	Conclusion
-----------------	---------------	------------------	-------------------	------------

(1 of 3)

RPO Administration:

- Increased RPO Funding from TPD
- Traffic Counts in Boiling Spring Lakes (NC 87 & Fifty Lakes Dr)
 - Next: Burgaw (?)
- Updating the RPO's Title VI Plan (Non-Discrimination Policy)

Upcoming Regional Events:

- UNCC Survey: Public officials & their perceptions of long-range planning
- 2023 Coast-to-Coast EV Road Trip
 - Sunday, June 18 10:00am-11:30am
 - New Hanover County Arboretum
- 2023 Sustainable Fleet Technology Conference & Expo
 - Aug. 14-16 (Raleigh, NC)

Introduction Presentations Regular Business Reports / Updates Conclusion

FY23-24 RPO Funding Increase

Previous FY23-24 CFRPO Allocation

Total Work Plan Funds	\$ 132,969.00
80% Federal SPR Funds	\$ 106,375.20
20% Local Match	\$ 26,593.80
Local Match (per RPO County) Note: CFRPO Municipalities do not pay Local Match	\$ 8,864.60

REVISED FY23-24 CFRPO Allocation

Total Work Plan Funds	\$	153,000.00
80% Federal SPR Funds	\$	122,400.00
15% State Funds (Local Match Assistance per NCGS 136-214)	\$	22,950.00
5% Local Match		7,650.00
Local Match (per RPO County) Note: CFRPO Municipalities do not pay Local Match		2,550.00

(2 of 3)

Carbon Reduction Program (CRP) Updates

- 49 Total Applications from RPOs, Divisions, and other internal NCDOT business units
- ~\$61M requested in CRP funds

Common types of projects requested:

- Sidewalks
- Greenways
- Electric Vehicles
- EV chargers/infrastructure
- Roundabouts

Most applications were requested in the "5,000 to 49,999" population range (*CFRPO: 2 out of 5*)

Cape Fear RPO's Submittals

Population: Under 5,000

Burgaw Multi-Use Pathway: East Phase 1 Sandy Creek Pickup Truck Replacement Surf City Pickup Truck Replacement

Population: 5,000 to 49,999

Columbus Co. EV Charging: County Libraries

St. James LED Street Light Project

Introduction Presentations Regular Business Reports / Updates Conclusion

(2 of 3)

Carbon Reduction Program (CRP) Updates

Available Funding by Population Criteria (as of 5/22/2023)

• Flex (Any Area)	TBD
 RPO (under 5,000) 	\$15.3M
 RPO (5,000 to 49,999) 	\$4.2M
 MPO (50,000 to 200,000 / non-TMAs) 	\$3.9M
 MPO (over 200,000 / TMAs) 	\$18.2M

Cape Fear RPO's Submittals

Population: Under 5,000

Burgaw Multi-Use Pathway: East Phase 1 Sandy Creek Pickup Truck Replacement Surf City Pickup Truck Replacement

Population: 5,000 to 49,999

Columbus Co. EV Charging: County Libraries St. James LED Street Light Project

Next Steps:

- Accepting future applications on a continuous, quarterly basis
- Award Announcements in the "Under 5,000" population range June 2023
- Award Announcements in the "5,000 to 49,999" population range June/July/August 2023

Introduction Presentations Regular Business Reports / Updates Conclusion

(3 of 3)

Comprehensive Transportation Plans

Columbus County

Brunswick County

State Transportation Improvement Program (STIP) Amendments and Revisions

2024-2033 STIP

Introduction Presentations Regular Business Reports / Updates Conclusion

NC Ports Update

Stephanie Ayers

(910) 746-6371

Stephanie.ayers@ncports.com



Introduction Presentations Regular Business Reports / Updates Conclusion

Ferry Update

Cat Peele

(252) 423-5129

cdpeele@ncdot.gov



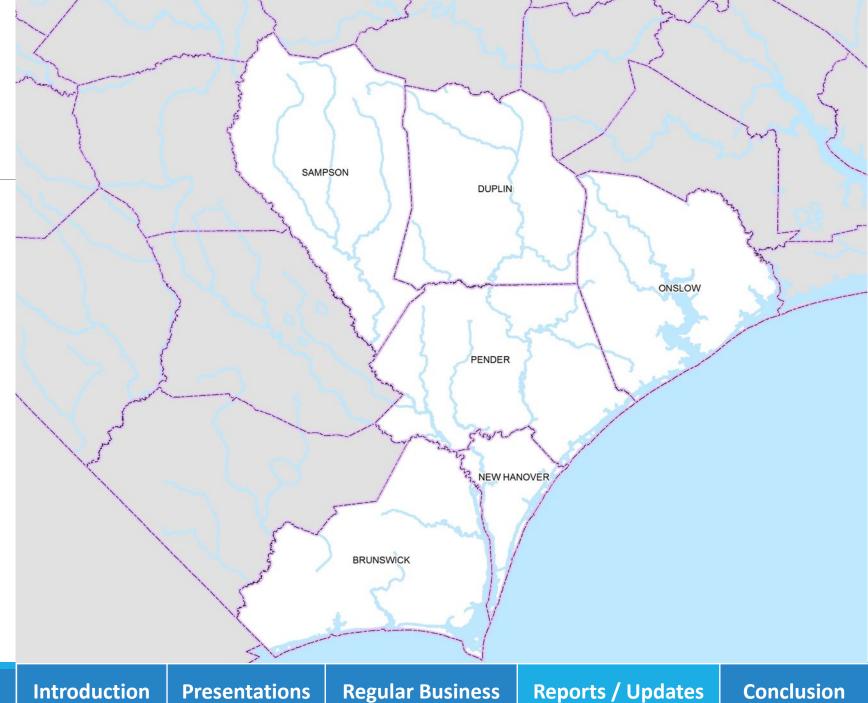
Introduction Presentations Regular Business Reports / Updates Conclusion

NCDOT Division 3 Report

Adrienne Cox

(910) 341-2000

amcox1@ncdot.gov



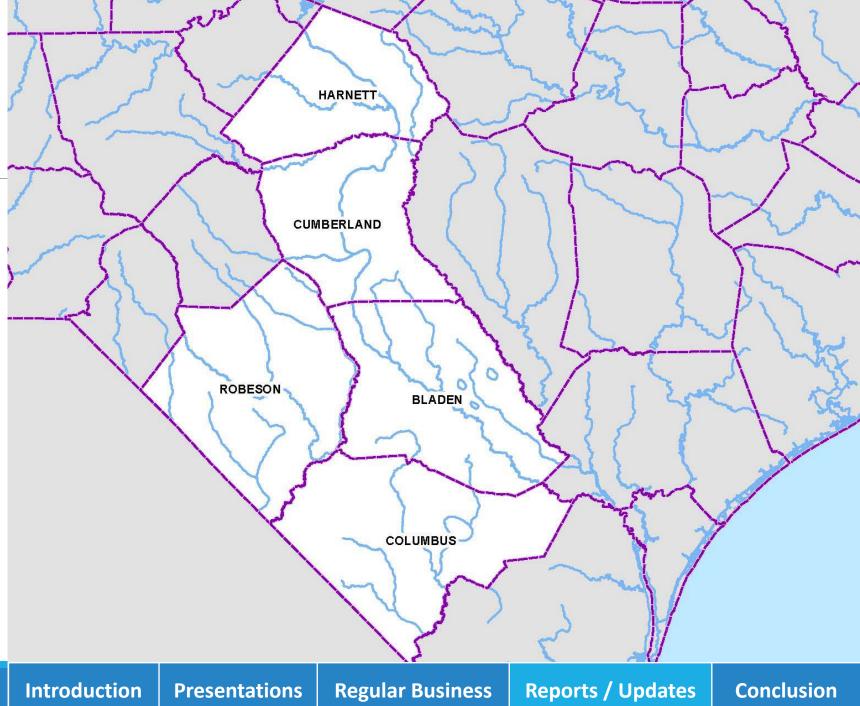
Reports / Updates CAPE FEAR RPO RTAC

NCDOT Division 6 Report

Darius Sturdivant

(910) 364-0600

ddsturdivant@ncdot.gov



CAPE FEAR RPO RTAC

NCDOT TPD Report

Nazia Sarder

(919) 707-0980

nsarder@ncdot.gov



Introduction Presentations Regular Business Reports / Updates Conclusion

NCDOT IMD Report

Kim Nguyen

(919) 707-4676

kpnguyen1@ncdot.gov



Introduction Presentations Regular Business Reports / Updates Conclusion

NCDOT Board of Transportation

Grady Hunt

Division 6

glhunt@ncdot.gov

Landon Zimmer

Ports and Aviation

<u>lgzimmer@ncdot.gov</u>



Introduction Presentations Regular Business Reports / Updates Conclusion

Open Discussion

General questions, comments, and other discussions



Adjourn

Next meeting will be Friday, August 11th 9:00 am

IntroductionPresentationsRegular BusinessReports / UpdatesConclusion