1. The What, Why, and When of NCDOT Prioritization
2. P5.0 Local Input Points Overview
3. Inventory of CRTPO projects to be evaluated in P5.0.
4. Schedule of CRTPO milestones for P5.0 in 2018
Goal: Constructing Projects

STATE TRANSPORTATION IMPROVEMENT PROGRAM (STIP)

North Carolina Department of Transportation
What is NCDOT Prioritization or P5.0?

- Data-driven process to develop TIP
- 2009: Gov. Perdue’s Executive Order for Transportation Reform
- Conducted every two years (P1.0, P2.0, etc)
- Results guide funding and programming of TIP
- Prioritization 5.0 will develop the 2020-2029 TIP
What’s in it for CRTPO?

• Funding for major transportation capital projects

• MPOs and NCDOT Divisions submit projects to the SPOT office to be scored in the Prioritization process

• MPOs and NCDOT Divisions allocate points to Regional Impact and Division Needs projects

• Points must be assigned based upon adopted methodology
How can residents provide their input?

- Project Submission public comment period held in September 2017.
- Public comment periods during Regional Impact and Division Needs point assignment phases.
- Public comment period during adoption process for 2020-2029 TIP.
May 2018: Open public comment period on Regional Impact projects proposed for local points

June 2018: Approve projects for Regional Impact local point assignment

Sept. 2018: Open public comment period on Division Needs projects proposed for local points

Oct. 2018: Approve projects for Division Needs local point assignment
Plan Relationships

**MTP (20 Years)**
- Fiscally constrained
- Updated every 4 years
- Contains transportation projects and policies to be implemented over plan horizon
- Updated frequently to incorporate most recent data
- Federally required plan
- Must be consistent with Transportation Improvement Program

**CTP (50+ Years)**
- Not fiscally constrained
- Projects not prioritized
- State required plan

**TIP (10 Years)**
- Fiscally constrained
- Projects must be in MTP
- Federal and State approval required
How the Strategic Transportation Investment works

40% of Funds = $9.2B

Statewide Mobility
Focus ➔ Address Significant Congestion and Bottlenecks
Eligible Projects
- Statewide type Projects (such as Interstates)

30% of Funds = $6.9B

Regional Impact
Focus ➔ Improve Connectivity within Regions
Eligible Projects
- Projects Not Selected in Statewide Mobility Category
- Regional Projects (NC and US routes)
  • Funding based on population of Region

30% of Funds = $6.9B (minus funds directly attributable to MPOs)

Division Needs
Focus ➔ Address Local Needs
Eligible Projects
- Projects Not Selected in Statewide or Regional Categories
- Division Projects
  • Funding based on equal share for each Division

Estimated $23B in Funds for SFY 2018-2027
Statewide Mobility Projects

Ranking

100% Data

NO local input

Criteria

- Congestion
- Travel Time Benefit / Cost
- Safety
- Freight
- Economic Competitiveness

Eligibility

74 49

Billy Graham Parkway
Regional Impact Projects

Criteria

- Congestion
- Travel Time
- Benefit / Cost
- Safety
- Freight
- Accessibility / Connectivity

Eligibility

- Statewide Mobility Projects (cascade)
Division Needs Projects

**Ranking**
- 25% NCDOT Division
- 50% Data
- 25% MPO/RPO

**Criteria**
- Congestion
- Travel Time Benefit / Cost
- Safety
- Freight
- Accessibility / Connectivity

**Eligibility**
- All other State-maintained road projects
- Regional Impact Projects (cascade)
- Statewide Mobility Projects (cascade)
Criteria and Weights by STI Tier

- **Congestion**: 30%
- **Travel Time/Benefit Cost**: 25%
- **Freight**: 25%
- **Safety**: 10%
- **Economic Competitiveness**: 10%
- **Accessibility/Connectivity**: 10%
- **Local Input Points 0-30%**: 20%
- **Local Input Points 0-50%**: 5%

**Statewide Mobility**
- **Congestion**: 30%
- **Travel Time/Benefit Cost**: 25%

**Regional Impact**
- **Congestion**: 20%
- **Travel Time/Benefit Cost**: 20%
- **Freight**: 10%
- **Safety**: 10%
- **Accessibility/Connectivity**: 10%

**Division Needs**
- **Congestion**: 15%
- **Travel Time/Benefit Cost**: 15%
- **Freight**: 5%
- **Safety**: 10%
- **Accessibility/Connectivity**: 5%
STI Funding: Statewide Mobility (40%)
STI Funding: Regional Impact (30%)
STI Funding: Division Needs (30%)
1. The What, Why, and When of NCDOT Prioritization

2. P5.0 Local Input Points Overview

3. Inventory of CRTPO projects to be evaluated in P5.0.

4. Schedule of CRTPO milestones for P5.0 in 2018
The STI legislation requires each MPO to...

- Adopt a methodology to be used in Prioritization
  - Including quantitative data, qualitative input, and modal allocation
  - To be approved by NCDOT-SPOT
- Receive local input points based upon population
- Allocate no more than 100 local input points to a project
<table>
<thead>
<tr>
<th>Staff Member</th>
<th>Jurisdiction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sherry Ashley</td>
<td>TCC Chair</td>
</tr>
<tr>
<td>Brett Canipe/Stuart Basham</td>
<td>NCDOT-Division 10</td>
</tr>
<tr>
<td>Gwen Cook</td>
<td>Mecklenburg County Park and Rec.</td>
</tr>
<tr>
<td>Bill Coxe</td>
<td>Huntersville</td>
</tr>
<tr>
<td>Andrew Grant</td>
<td>Cornelius</td>
</tr>
<tr>
<td>Tim Gibbs</td>
<td>Charlotte DOT</td>
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<tr>
<td>Bjorn Hansen</td>
<td>Union County</td>
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<tr>
<td>Travis Johnson</td>
<td>Davidson</td>
</tr>
<tr>
<td>David McDonald</td>
<td>CATS</td>
</tr>
<tr>
<td>Anil Panicker</td>
<td>NCDOT-Division 12</td>
</tr>
<tr>
<td>Andrew Ventresca</td>
<td>Statesville</td>
</tr>
</tbody>
</table>
Methodology Rules and Procedures

- Projects must have a reasonable chance to be funded.
- Assign maximum points to eligible projects.
- Points from Division Needs tier should not be applied to unfunded Statewide Mobility projects.
- Coordinate with Divisions to achieve mutual point assignments.
- Board may divert from recommended list based upon public comments.
### Allocation of local points by mode

<table>
<thead>
<tr>
<th>Category</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regional Impact</td>
<td>2,500 Total Points</td>
</tr>
<tr>
<td>Division Needs</td>
<td>2,500 Total Points</td>
</tr>
</tbody>
</table>
### Allocation of Local Points by Mode

<table>
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<th>Regional Impact</th>
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<tbody>
<tr>
<td>Funding Assumption per Mode</td>
<td>85% of funding for highway projects</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Division Needs</th>
<th>2,500 Total Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funding Assumption per Mode</td>
<td>80% of funding for highway projects</td>
</tr>
</tbody>
</table>
### Allocation of local points by mode

<table>
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<tr>
<th></th>
<th>Regional Impact</th>
<th>Division Needs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Points</strong></td>
<td>2,500</td>
<td>2,500</td>
</tr>
<tr>
<td><strong>Funding assumption</strong></td>
<td>85% highway</td>
<td>80% highway</td>
</tr>
<tr>
<td>per mode</td>
<td>projects</td>
<td>projects</td>
</tr>
<tr>
<td></td>
<td>15% transit</td>
<td>20% transit</td>
</tr>
<tr>
<td></td>
<td>freight rail</td>
<td>aviation and</td>
</tr>
<tr>
<td></td>
<td>projects</td>
<td>rail projects</td>
</tr>
<tr>
<td><strong>Local Points per Mode</strong></td>
<td>2,125 highway</td>
<td>2,000 highway</td>
</tr>
<tr>
<td></td>
<td>375 non-highway</td>
<td>500 non-highway</td>
</tr>
<tr>
<td></td>
<td>points</td>
<td>points</td>
</tr>
</tbody>
</table>
Highway Projects priority

Primary Measure:
Project is in 2045 MTP
  1. MTP Horizon Year
  2. MTP Score

Secondary Measure:
If no MTP score, then use NCDOT P5.0 score to allocate remaining points.
Non-Highway Projects Priority

• Use P5.0 Score to allocate points to non-highway projects
• Every mode has one allocation of local points
• Pre-screening process to ensure projects in adopted plan
Education Session Overview

1. The What, Whys, and When’s of NCDOT Prioritization
2. P5.0 Local Input Points Overview
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4. Schedule of CRTPO milestones for P5.0 in 2018
- 26 Highway Projects
- Iredell and Mecklenburg
- Statewide competition
- Not eligible for points unless unfunded in Statewide tier.
P5.0 Regional Impact Projects (E)

- 20 Highway Projects
- Mecklenburg and Union
- Regional competition for funding (Div. 8 &10)
• 3 Highway Projects

• Iredell

• Regional competition for funding (Div. 11 & 12)
• 18 Highway Projects
• Mecklenburg and Union
• Competition for funding throughout Division 10
P5.0 Division Needs Projects (12)

- 6 Highway Projects
- Iredell
- Competition for funding throughout Division 12
## P5.0 Highway Project Inventory

<table>
<thead>
<tr>
<th>STI Tier</th>
<th>Number of Projects</th>
<th>Allocations of Points (in increments of 100)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Region E (Mecklenburg and Union Counties)</td>
<td>20</td>
<td>22</td>
</tr>
<tr>
<td>Region F (Iredell)</td>
<td>3</td>
<td>22</td>
</tr>
<tr>
<td>Division 10 (Mecklenburg and Union Counties)</td>
<td>18</td>
<td>20</td>
</tr>
<tr>
<td>Division 12 (Iredell)</td>
<td>6</td>
<td>20</td>
</tr>
</tbody>
</table>
P5.0 Non-Highway Modes
Proposed Project Inventory

- **Bike/Ped:** 22 projects
- **Transit:** 9 Projects
- **Rail:** 10 Projects
- **Aviation:** 41 Projects
  - Charlotte-Douglas: 14 Projects
  - Charlotte-Monroe: 18 Projects
  - Statesville Regional: 9 Projects
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NCDOT Prioritization 5.0 Phases

PHASE 1: July-September 2017
MPOs, RPOs and NCDOT Divisions submit projects for P5.0.

PHASE 2: October-March 2018
SPOT Office reviews and scores all projects submitted throughout NC.

PHASE 3: April – October 2018
Local Input Points assignment by MPOs, RPOs and NCDOT Divisions.

PHASE 4: November-December 2018
NCDOT calculates final scores and programs projects.

PHASE 5: January 2019
DRAFT 2020-2029 STIP is released.
PUBLIC INVOLVEMENT SCHEDULE
REGIONAL IMPACT TIER

- TCC Meeting April 5
- MPO Meeting April 18
- TCC Meeting May 3
- MPO Meeting May 16
- TCC Meeting June 7
- MPO Meeting June 20

NCDOT/SPOT Regional Impact Point Allocation Window: Apr 1 – Jun 30

- NCDOT Releases P5.0 Scores
- P5.0 Subcommittee Meetings: Develop DRAFT Regional Impact Point Project List
- Public Comment Period: DRAFT Regional Impact Point Assignments: May 17-May 31

- May 2018 TCC Action: Request open 14-day comment period
- June 2018 TCC Action: Recommend Regional Impact Points Assignment
- May 2018 MPO Action: Open 14-day comment period
- June 2018 MPO Action: Approve Regional Impact Local Input Points Assignment
PUBLIC INVOLVEMENT SCHEDULE

DIVISION NEEDS TIER

TCC Meeting
August 2

MPO Meeting
August 15

TCC Meeting
September 6

MPO Meeting
September 19

TCC Meeting
October 11

MPO Meeting
October 17

NCDOT/SPOT
60-Day Division Needs Point Allocation Window:
Sept 1 – October 31

Public Comment Period
DRAFT Division Needs
Local Input Point Assignments:
Sept. 20 – October 4

Sept. 2018
TCC Action:
Request open
14-day public
comment period

Sept. 2018
MPO Action:
Open 14-day
public comment period

Oct. 2018
TCC Action:
Recommend Division Needs
Local Input Points Assignment

Oct. 2018
MPO Action:
Approve Division Needs Local Input Points Assignment

P5.0 Subcommittee Meetings
Develop DRAFT Division Needs Point Project List
What actions will CRTPO be required to take?

- May 2018: Open public comment period on **Regional Impact** projects proposed for local points
- June 2018: Approve projects for **Regional Impact** local point assignment
- Sept. 2018: Open public comment period on **Division Needs** projects proposed for local points
- Oct. 2018: Approve projects for **Division Needs** local point assignment