



NCDOT – Prioritization 2.0

Wilmington MPO

April 20, 2011



Prioritization 1.0 vs. Prioritization 2.0

Prioritization 1.0

- Began in 2009
- Department's first Strategic Prioritization Process
- Ranked projects for 2015-2020
- Results released in February 2010
- Projects programmed in Draft STIP (published August 2010)
- Final STIP expected to be adopted in Summer 2011

Prioritization 2.0

- Builds upon P1.0 success
- Matures process and expands criteria based on stakeholder input
- Projects rankings are for 2018-2022





Process

Workgroup guided development of P2.0 – agreed to all changes

Input from 4 Listening Sessions and Survey

Changes finalized on January 13th

- Presented to MPO Association on January 14th
- Presented to RPO Association on January 28th





P2.0 Changes – Highway Projects

No ranking of infrastructure health and safety projects

- Projects can still be submitted
 - Safety projects → Mobility & Safety Division for consideration in existing programs
 - Infrastructure health projects → Divisions for consideration in existing programs

New “Modernization” category

New quantitative scoring criteria

- Mobility projects:
 - Benefit-cost
 - Economic Competitiveness
- Modernization projects:
 - Lane width
 - Shoulder width





P2.0 Changes – Highway Projects

Revised quantitative scoring %s

- Subregional tier mobility and modernization projects now scored

“Qualitative” ranking changed to “Local Input” ranking

Local Input ranking changed to Control Total

- Can rank Top 25 or distribute 1300 pts

No submittal of enhancement projects

Continue to submit CMAQ projects with other projects

- Applications evaluated by Transportation Planning Branch





HIGHWAY – Scoring P2.0

Total Score = Quantitative Data + Local Input + Multimodal Pts

Quantitative Data

- **Congestion** (Volume/Capacity Ratio + AADT)
- **Safety Score** (Critical Crash Rates, Crash Density, Severity)
- **Pavement Score** (Pavement Condition Rating)
- **Benefit/Cost** (Travel Time Savings / Project Cost)
- **Economic Competitiveness** (Economic Value Added in \$)
- **Lane Width** (Existing Width vs. Standard Width)
- **Shoulder Width** (Existing Width vs. Standard Width)

Mobility

Modernization



Local Input Ranking

- MPO/RPO Rank (use local methodology)
- Division Rank (use knowledge of area)



Local Input Ranking – Control Total w/Equal Points per Area

Each MPO/RPO & Division receives equal # of pts → 1,300

Can choose between Top 25 project ranking (for easy explanation to TCC/TAC reps) or Control Total (no limit on # of project rankings)

MPOs/RPOs & Divisions can transfer up to 100 points per project to another area if a project is a high priority

Top 25	OR	Control Total
#1 = 100 #2 = 96 #3 = 92 ... #25 = 4		Can rank as projects as desired Max 100 pts per project Min 4 pts per project

Note: Person entering local rank into DOT system will enter as points



Multimodal Scoring (Mobility & Modernization Projects)

Bonus Points if the **highway** project includes one or more of the following new or additional multimodal components (select all that apply).

Multimodal Options → 8 points:

HOV / HOT, light rail, bus rapid transit, or bus-on-shoulder w/in the highway ROW

Multimodal Connections → 5 points:

Direct connection to a transportation terminal (airport, seaport, rail depot, ferry terminal, transit terminal, freight intermodal terminal, or military base)

Multimodal Design Features → 3 points:

Sidewalks, pedestrian crossings, striped bicycle lanes, wide outside shoulders (greater than or equal to two feet), bus pullouts, transit bypass lanes, transit signal prioritization, bus shelters

Multimodal Projects must be ranked and must be included in an adopted Comprehensive Transportation Plan, Long Range Transportation Plan, or a mode-specific plan to receive pts.



P2.0 Tentative Schedule

Now – July 2011: Develop Prioritization 2.0 System

April 2011: Launch Partner Connect

May: Outreach/Education Meetings across State on Prioritization 2.0

July 2011: MPOs, RPOs, Divisions, & Internal BUs submit new projects (1 month)

August – Sept 2011: SPOT QAs/QCs all projects and calculates quantitative scores.

- Note: Final 10 YR Work Program (2011-2020) is expected to be adopted in August

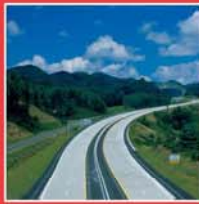
October – November 2011: MPOs, RPOs, & Divisions rank projects (2 months)

Late Fall 2011: Project Rankings Released

Winter 2011/2012: Investment Strategy Summits

Winter 2012: Develop Draft 10YR Work Program





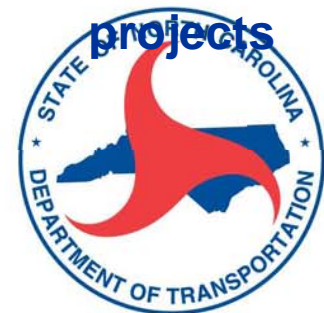
What Do You Need To Do?

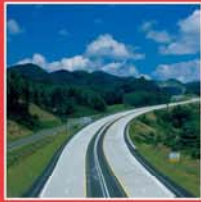
Attend Education Sessions in May

- **May 11th**: 9 am – Noon, **Greensboro Coliseum** – Meeting Room 1 (A & B)
- **May 12th**: 9 am – Noon, **Global Transpark in Kinston** – Room 142 (Auditorium)
- **May 18th**: 1 pm – 4:00 pm, **Foothills Higher Education Center in Morganton** – Room HEC (163)

Start considering project priorities/rankings

- Review highway projects in your areas in years 8, 9, and 10 of Draft Work Program AND any unfunded projects
- Consider up to 15 new candidate Mobility and Modernization (Total not to exceed 15)
- Run projects through your CAMPO prioritization process
- Prepare for a July 5th opening for new candidate project submittals





QUESTIONS?

