



CRTPO Prioritization P4.0 Workshop
(February 11, 2016)
*NCDOT Points Assignment Process
Presentation – Divisions 10 & 12*

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Three Tiered Approach

- Statewide – Interstates
(I-77, I-85, I-277, US 74)
- Regional Impacts – US & NC Routes
- NC 73, NC 49, US 29, US 601, NC 24/27)
- Division Needs – Secondary Routes & Local Roads



Statewide Tier

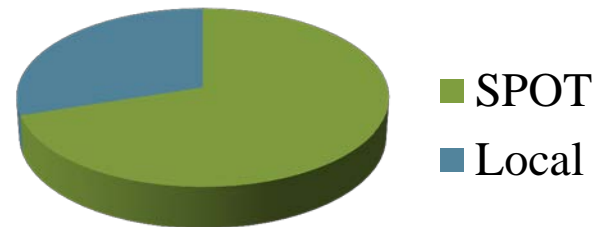
- Statewide Tier Project Scoring Is 100% Quantitative
- No Opportunity To Influence Project Scores At The Local Level
- Neither CRTPO Nor NCDOT Divisions Can Assign Points To Those Projects



Regional Impacts Tier

- US & NC Routes
- Project Scoring Is 70% Quantitative
- 30% Of Total Project Score Is Determined By CRTPO & NCDOT Assigning Points

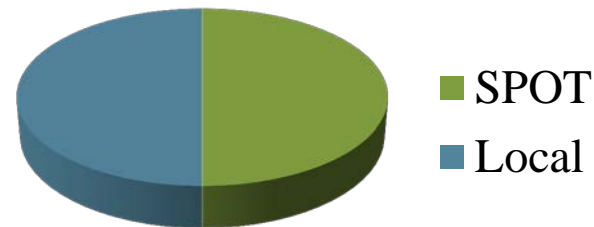
Project Score



Division Needs Tier

- Secondary & Local Roads
- Project Scoring Is 50% Quantitative
- 50% Of Total Project Score Is Determined By CRTPO & NCDOT Point Assignments

Project Score



Methodologies

- Both CRTPO & NCDOT Have Their Own Methodology Documents
- Each Organization Scores Regional Impacts & Division Needs Tier Projects

Methodology Does Not Have To Be The Same For Each Tier

- STI – Minimum Of Four Criteria



Division 10 Methodology Criteria

- Existing Congestion
- Safety Score
- Freight Volume
- Transportation Plan Consistency
- Corridor Continuity
- Multimodal Accommodations
- Cost Effectiveness



Project Scoring

- Each Project Score Is Calculated After Methodology Is Applied to Determine Cumulative Score
- Projects Are Sorted According to Cumulative Scoring In Each Tier to Determine A Hierarchy of Projects
- Point Assignment Process Can Begin



Point Assignment Process

- Divisions 10 & 12 Work Closely with CRTPO To Assign Points To Highest Scoring Projects In Each Tier
- CRTPO Has 2500 Points To Assign In Each Tier
- Each Division has 2500 Points To Assign In Each Tier
- Projects Which Receive Points From Both Agencies Have a Higher Total Score & Greater Chance Of Being Funded



Division 10 Point Assignment Process

- Division 10 Has Two MPOs & One RPO
- Division 10's 2500 Points Per Tier must be Divided Among All Three Organizations
- CRTPO Will Be Able To Assign A Greater Number Of Points To Projects Than Divisions 10 & 12



Point Assignment Process

SPOT ID	Project Category	Route	From / Cross Street	To	Description	Cost to NCDOT	Division Needs Quantitative Score (Out of 50)	Draft Division 10 Point Assignments	Combined SPOT Score + Methodology Score +MPO/RPO Score	CRTPO Draft Point Assignment
H142091	Division Needs	SR-2940 Eastway Drive	Shamrock Drive (City Street)		Realign SR 2940 and Reconfigure 5 leg skewed intersection to three 2 leg intersections	\$ 2,790,000	44.00	100	94.00	100
H129682	Division Needs	SR-3448 South Trade Street	Fullwood Lane	Weddington Road	Widen to Multilanes with Bike Lanes and Sidewalks	\$ 1,234,000	42.00	100	92.00	100
H140123	Division Needs	SR-2834	Intersection of Concord Mills Blvd and Entrance #1/Kings Grant Pavilion.		Construct 2-Lane grade separated directional left flyover	\$ 6,000,000	28.36	100	78.36	
H090592	Division Needs	- Gilead Road	US 21 (Statesville Road)	NC 115	Widening to 4 Lanes and Add Bike Lanes.	\$ 6,139,000	26.75	100	76.75	100

Point Assignment Process

- After Points Are Applied By CRTPO & NCDOT, Projects Are Sorted Again By Their Total Combined Score
- Establishes a Final Ranking Of Projects
- Financial Projections Are Done To Determine Which Projects Can Be Funded In Each Tier



Case Study – Does The Process Work?

- CRTPO Originally Assigned Points To The Rea Road Extension Project While Division 10 Had Not
- Division 10 Shifted Their Points From Another Project To Rea Road
- Rea Road Project Was Funded And Scheduled For Construction In 2019



