

NORTH CAROLINA

Department of Transportation



















STI Prioritization and Programming Process

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Cape Fear Rural Planning Organization August 18, 2017

Today's Roadmap

- 1. State Transportation Improvement Program (STIP)
- 2. Strategic Transportation Investments (STI) Law
- 3. P5.0 Scoring
- 4. Scoring and Programming Process
- 5. P5.0 for Cape Fear RPO



















State Transportation Improvement Program (STIP)



STATE TRANSPORTATION IMPROVEMENT PROGRAM (STIP)













2018-2027

2017

AUGUST 2017

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

State Transportation Improvement Program (STIP)

STIP identifies funding and scheduling of projects in NCDOT's capital program (55% of DOT Budget)

10 Year Program (currently 2018-2027)

- 1st Five Years is "Delivery STIP" committed projects
- 2nd Five Years is "Developmental STIP" projects in early scoping and environmental development stage

Updated every 2 years

Current STIP contains over \$28 Billion of projects

 Highway, non-highway, bridges, safety, Interstate Maintenance, CMAQ

Types of Projects in the STIP





















Strategic Transportation Investments (STI) Law — House Bill 817

NC General Statutes Chapter 136 Article 14B.

Strategic Prioritization Funding Plan for Transportation Investments.

§ 136-189.10. Definitions.

The following definitions apply in this Article:

Defines the following:



Distribution Regions: Cape Fear RPO is in Funding Regions B & C

Region B - Brunswick & Pender in NCDOT Division 3

Region C - Columbus in NCDOT Division 6



STI Funding allocations:



Strategic Transportation Investments (STI) Law

Prioritizes NCDOT Projects across all modes:

Highway, Aviation, Rail, Public Transportation, Ferry, and Bike/Ped

Needs-based

Directly ties funding to Prioritization Results - Scoring

Workgroup

Provide recommendations to NCDOT on prioritization criteria, weights, and scoring process for all modes

P5.0 Workgroup

- 4 MPO reps
- 4 RPO reps
- Metro Mayors Coalition
- League of Municipalities
- Regional Council of Governments
- Association of County Commissioners
- 12 NCDOT reps
- Advisory reps

18 "All Day" meetings (Oct 3rd - June 19th)

All recommendations based on consensus

How STI Works

40% of Funds

30% of Funds

30% of Funds

Estimated \$20B in Funds for SFY 2018-2027

Statewide Mobility

Focus → Address Significant Congestion and Bottlenecks

- Selection based on 100% Data
- Projects Programmed prior to Local Input Ranking

Regional Impact

Focus → Improve Connectivity within Regions

- Selection based on 70% Data & 30% Local Input
- Funding based on population within Region (7)

Division Needs

Focus → Address Local Needs

- Selection based on 50%
 Data & 50% Local Input
- Funding based on equal share for each Division (14)
 = ~\$42M / yr

Eligibility Definitions

Mode	Statewide Mobility	Regional Impact	Division Needs
Highway	 Interstates (existing & future) NHS routes (July 1, 2012) STRAHNET ADHS Routes Uncompleted Intrastate projects Designated Toll Facilities 	Other US and NC Routes	All County (SR) Routes
Aviation	Large Commercial Service Airports (\$500K cap)	Other Commercial Service Airports not in Statewide (\$300K cap)	All Airports without Commercial Service (\$18.5M cap)
Bicycle- Pedestrian	N/A	N/A	All projects (\$0 state funds)
Public Transportation	N/A	Service spanning two or more counties (10% cap)	All other service, including terminals and stations
Ferry	N/A	Ferry expansion	Replacement vessels
Rail	Freight Capacity Service on Class I Railroad Corridors	Rail service spanning two or more counties not Statewide	Rail service not included on Statewide or Regional

Non-Highway Criteria

Separate prioritization processes for each mode

- Minimum of 4 quantitative criteria
- Criteria based on 0-100 point scale with no bonus points











P5.0 Non-Highway Criteria

Aviation	Bicycle & Pedestrian	Ferry	Public Transportation	Rail		
NCDOA Project Rating	Safety	Asset Condition	Impact	Benefit-Cost		
FAA ACIP Rating	Access	Benefits	Demand/Density	System Opportunities		
Non-State Contribution Index	Demand/Density	Accessibility/ Connectivity	Efficiency	Safety		
Benefit/Cost	Connectivity	Asset Efficiency	Cost Effectiveness	Capacity and Diversion		
	Cost Effectiveness	Capacity/ Congestion		Economic Competitiveness		













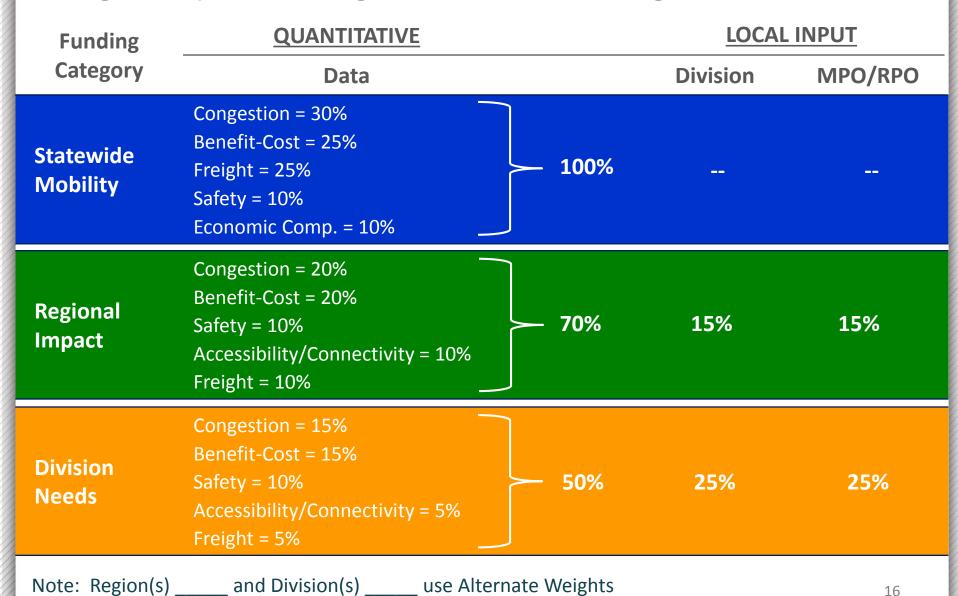






P5.0 Scoring

Highway Scoring Criteria & Weights (Default)



Highway Scoring – Alternate Weights

Available for Regional Impact and Division Needs scoring

Requirements:

- 1. All MPOs/RPOs/Division Engineers unanimously agree on Alternate Weights by funding category (inaction doesn't mean non-agreement; action by TAC or Division Engineer required for disagreement)
 - Alternate Weights from P4.0 will not carry to P5.0
 - Alternate Weights can be applied within respective Paired Funding Region(s) or Division(s)
- 2. Memo to SPOT from each MPO/RPO/Division Engineer reference TAC Chair(s) agreement
 - Memo must be received by September 29th, 2017

















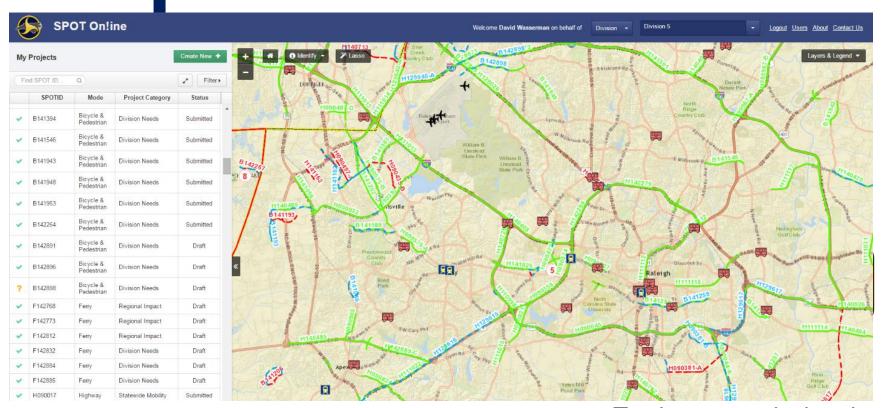


Scoring and Programming Process

Scoring Process

Projects Submitted

- Data reviewed
- Quantitative scores calculated



- Total scores calculated
- Projects programmed



















P5.0 for CAPE FEAR RPO

P5.0 Projects

Committed Projects (Not subject to P5.0)

 Right-of-Way OR Construction date in 2018-2022 based on Final STIP (first 5 years of STIP)

Carryover Projects (Automatically carry over from P4.0 for evaluation in P5.0)

Not committed in the STIP and need to be rescored

NEW Project Submittals

- Cape Fear RPO can submit 19 New Projects for each Mode
- Splitting Carryover Projects (modifications) count towards submittals

P5.0 Cape Fear RPO Next Steps

Determine Project Submittals (submitted July 5th – Sept 29th)

Consider Modifications & Deletions of carryover projects (due Aug 25th)

Submit Local Input Point Methodology revisions, if any (due April 1st)

Assign Local Input Points for Regional Impact projects (Spring 2018)

Cape Fear RPO = 1300 points

Assign Local Input Points for Division Needs projects (Fall 2018)

• Cape Fear RPO = 1300 points

Most Importantly – Continue to Work with Divisions 3 and 6

P5.0 Schedule

			_ 2017 -				i.					20	18						i 2019
Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jar
BOT ipproves P5.0 Criteria & Weights									orazione caracteri para del caracteri del ca		Yellow	ox = Approval	of P5.0 Scorin PO/Division In Work Tasks						
MPOs, RPOs, & Divisions test, enter, and submit projects SPOT Reviews and Calculates Q Projects (Existing + New). Include data & costs to be used for scorii Divisions, and DOT			NAME OF THE OWNER OWNER OF THE OWNER OWNER OF THE OWNER OWNE		ļ	10 M	No. 10 10 10 10 10 10 10 10 10 10 10 10 10			THE RESERVE OF THE RE					• WOOD TO SERVICE THE PARTY OF		 		
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Key Da	tes:			december outside ()	To company the state of the sta		į			Regiona Points (v	i Os, & Divisi I Impact Lo vith option I Needs Loo	to assign				Company of the control of the contro			
	.5	9865	es P5.0 Crit			L 1111	-:	0+ 20+			Points)	-	SPOT f	inalizes					
-			line opens for testing, entering, and submitting projects (closes Sept. 29th) ing Project Deletions due for receiving extra new submittals (one out, one in)							100 mm	Regional Impact scores and TIP Unit						ĺ		
Existing Project Modifications due											Regional projects					İ			
September 29, 2017: Alternate Weights due												Division	RPOs, & is assign			ļ			
SPOT Online closes for submitting projects														leeds Local Points			j		
End of	March 20	18: Quantit	ative scores	s for all proj	ects release	ed												inalizes n Needs	
Draft list of Programmed Statewide Mobility projects released														Scores ar	nd TIP Unit s Division				
April 1,		_	act Local Inp															projects	<u> </u>
			opproval of																NCI relea
			ist of Progra	-		(a)													Draft
September 1, 2018: Division Needs Local Input Point window opens for 2 months													1			NCDOT Provides			
Januar	2019 : 2	020-2029 D	raft STIP re	leased				and the same of th										Report to	

Contact Information

STRATEGIC TRANSPORTATION INVESTMENTS

Smart decisions to keep North Carolina moving.

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