

#### **NORTH CAROLINA**

Department of Transportation



















### How a transportation project gets funded:

# NCDOT's STI Prioritization and Programming Process

Stephen Sparks, P.E., NCDOT Division 13

September 18, 2018

# Previous Perception



#### STRATEGIC TRANSPORTATION INVESTMENTS

- New funding formula for NCDOT's Capital Expenditures called the Strategic Mobility Formula
- House Bill 817 signed into Law June 2013
- Most significant NC transportation legislation since 1989 Highway Trust Fund
- Created a Prioritization Workgroup to provide recommendations to NCDOT on weights and criteria

# Where do projects come from?





#### **Comprehensive Transportation Plan**





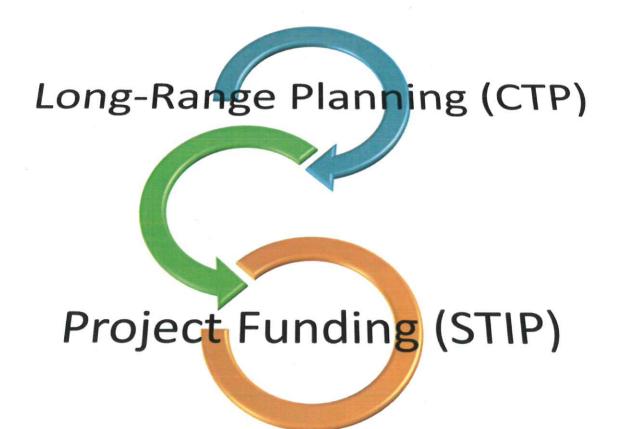






Madison County

### Where Do Projects Come From?



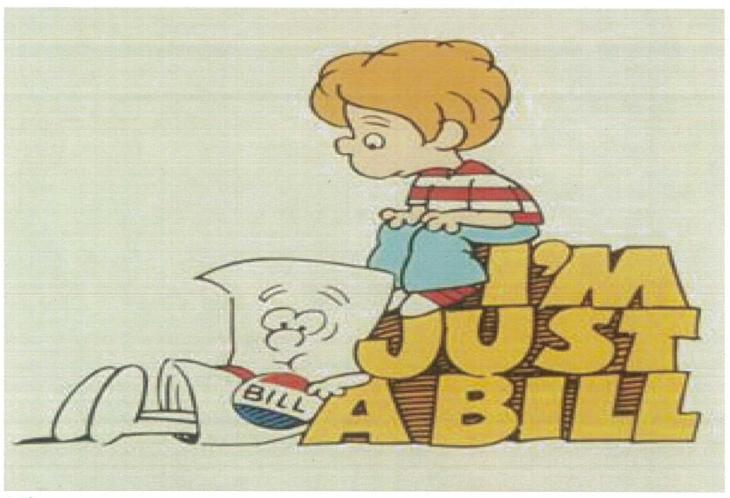
### Where Do Projects Come From?

Long-Range Planning (CTP)

Prioritization

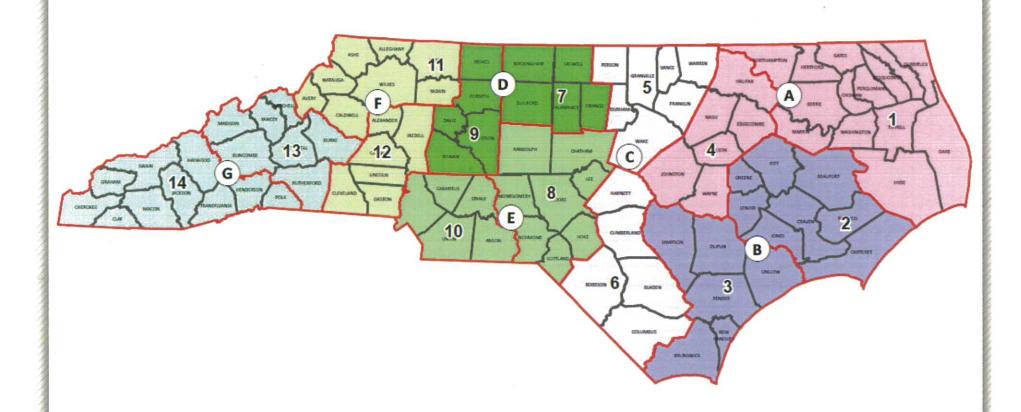
Project Funding (STIP)

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Like all bills want to become laws, all projects want to make it in to the STIP.

# Today's Roadmap



## STI Law Eligibility Definitions

Mode	Statewide Mobility	Regional Impact	Division Needs				
Highway	<ul> <li>Interstates (existing &amp; future)</li> <li>NHS routes (July 1, 2012)</li> <li>STRAHNET</li> <li>ADHS Routes</li> <li>Uncompleted Intrastate projects</li> <li>Designated Toll Facilities</li> </ul>	Other US and NC Routes	<ul> <li>All County (SR) Routes</li> <li>Federal-Aid Eligible Local Roads</li> </ul>				
Aviation	Large Commercial Service Airports (\$500K cap)	Other Commercial Service Airports not in Statewide (\$300K cap)	All Airports without Commercial Service (General Aviation) (\$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	Vessel or infrastructure expansion	Replacement vessels				
Rail	Freight Service on Class I Railroad Corridors	Rail service spanning two or more counties not in Statewide	All other service, including terminals and stations (no short lines)				

# STRATEGIC MOBILITY FORMULA

40 % of Funds

30 % of Funds

30 % of Funds

# STATEWIDE MOBILITY

REGIONAL IMPACT

DIVISION NEEDS

FOCUS: Address Significant Congestion and Bottlenecks FOCUS: Improve Connectivity within Region

FOCUS: Address Local Needs

#### Eligible Projects

 Statewide Projects such as Interstate I-26, I-240

#### Eligible Projects

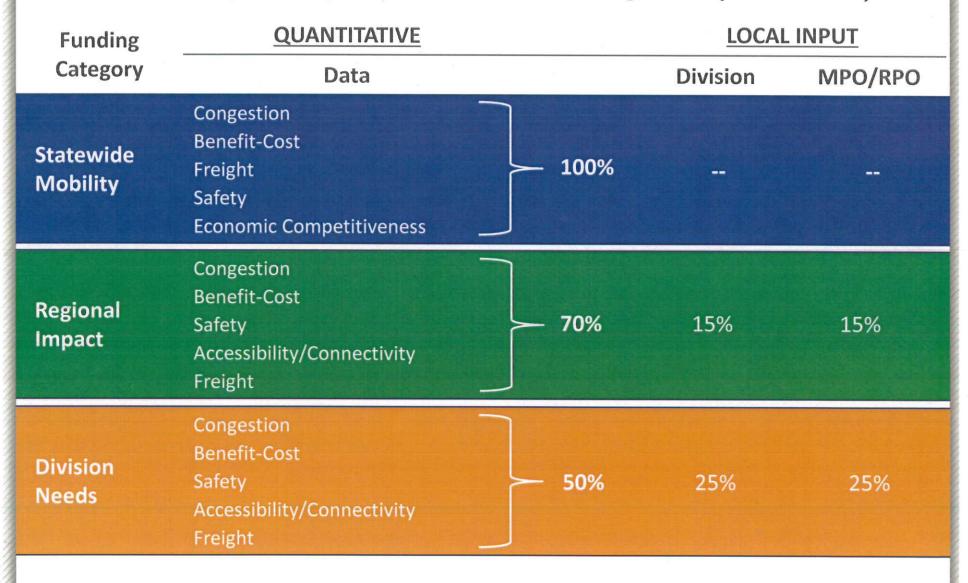
- Projects not selected at Statewide level
- Primary Routes (US 25/70 and NC 213)
- Regional Transit

#### Eligible Projects

- Projects not selected at Statewide and Regional levels
- Secondary Roads
- Bicycle and Pedestrian Projects
- Local Transit

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### P5.0 Highway Criteria & Weights (Default)



### P5.0 Schedule

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•	- jown		<b>— 2017</b> –			-	ļ					20	18						2019
Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan
approves P5.0 Criteria & Weights	P5.0 Criteria &										or joint or the property of th			Notes: Blue Box = Approval of P5.0 Scoring Yellow Box = MPO/RPO/Division Input Green Box = NCDOT Work Tasks					
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					SPOT Reviews and Calculates Quant. Scores for All Projects (Existing + New). Includes review period of all data & costs to be used for scoring (by MPOs, RPOs, Divisions, and DOT staff).						de processo de la constanta					0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	of the control of the		
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June 2	9, <b>2017</b> : B	OT approve	es P5.0 Crit	teria & Weig	ihts					Division	Needs Lo	cal input							İ
July 5,	2017: SPC	OT On!ine o	pens for te	sting, enter	ing, and sul	bmitting pro	jects (close	es Sept. 29t	h)		1	I		finalizes	1	1		H-10-1	! !
August	August 25, 2017: Existing Project Deletions due for receiving extra new submittals (one out, one in)							e in)				scores ar	al Impact nd TIP Unit						
		Existing P	Project Mod	ifications du	ie									s Regional projects				B	i
Septen	nber 29, 20	17: Altern	ate Weight	s due									4	il il	50000000	RPOs, &		-	İ
	SPOT Online closes for submitting projects											1 1 1 1	Action of the control		Division N	leeds Local		***************************************	!
End of	End of March 2018: Quantitative scores for all projects released									# # #		- Avenue		Imput	l		finalizes		
	Draft list of Programmed Statewide Mobility projects released														1		n Needs nd TIP Unit	i	
April 1,	April 1, 2018: Regional Impact Local Input Point window opens for 3 months											Constitution of the consti					projects		
	De	adline for A	pproval of	Local Input	Point Assig	nment Met	nodologies							de company					NCDOT
End of	August 20	18: Draft li	ist of Progra	ammed Reg	ional Impa	ct Projects	released					9 1 1 1 1 1 1 1	e a action						releases Draft STI
Septen	nber 1, 201	8: Division	Needs Lo	cal Input Po	int window	opens for 2	months											NCDOT	
Januar	y <b>2019</b> : 20	20-2029 D	raft STIP re	eleased	I	Ţ	!	1		Appendix and a second s				The state of the s		44.00	- Annual makken managar	Report to	



#### 10 Year Funding and Schedule Document includes:

- Funded Statewide, Regional, and Division projects
- Other projects (interstate maintenance, safety, bridge)

#### \$28B+ of projects

(>55% of DOT Budget)

Final STIP Approved by BOT



#### **Contact Information**

# STRATEGIC TRANSPORTATION INVESTMENTS

Smart decisions to keep North Carolina moving.

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