



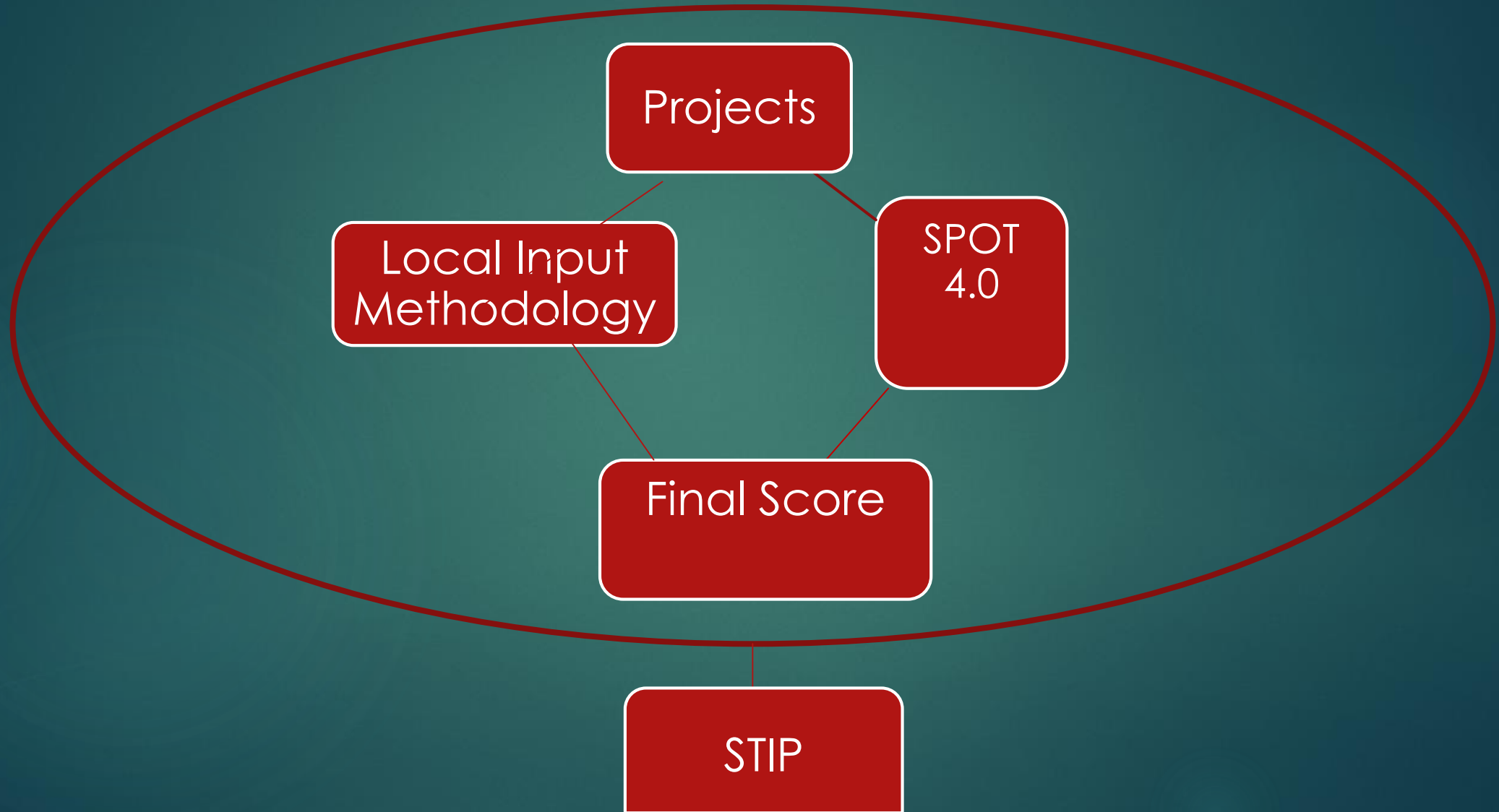
# Strategic Transportation Investments (STI)

A BRIEF OVERVIEW ON PRIORITIZATION 4.0

# History

- ▶ Started from House Bill 817. Adopted on June 26, 2013 with overwhelming support.
- ▶ Prioritization 3.0 started in 2014 and the draft STIP was released December 2015.

# STI Process-2017-2026



# Prioritization 4.0

- ▶ Three Tiers
  - ▶ Statewide
    - ▶ 40% of the Funding
    - ▶ For IRPO, rail (freight) and only certain roads qualify: I-26, I-40, US 74 and some of US221
    - ▶ Completely Data-driven from SPOT4.0. No local input
  - ▶ Regional
    - ▶ 30% of the funding
    - ▶ For IRPO, rail and only certain highways qualify: All of the above, all US/NC routes
    - ▶ 70% of the score is from SPOT4.0. 30% is local input, split between IRPO and Division 13 or 14
  - ▶ Division
    - ▶ 30% of the funding
    - ▶ For IRPO, all state-maintained roads, public transportation, rail, and bike/pedestrian
    - ▶ 50% of the score is from SPOT4.0. 50% is local
    - ▶ input, split between IRPO and Division 13 or 14

# SPOT 4.0--Highways

Funding Category	<u>Quantitative</u>	<u>Local Input</u>	
		RPO	Division
Statewide	Benefit/Cost-25%	NA	NA
	Congestion-30%		
	Economic Competitiveness-10%		
	Safety-15%		
	Freight-15%		
	Multimodal 5%		
	Total=100%		
Regional	Benefit/Cost-20%	15%	15%
	Congestion-20%		
	Accessibility/Connectivity-10%		
	Safety-10%		
	Freight-10%		
	Total=70%		
Division	Benefit/Cost-15%	25%	25%
	Congestion-15%		
	Accessibility/Connectivity-5%		
	Safety-10%		
	Freight-5%		
	Total=50%		

# SPOT 4.0-Bike/Ped

- ▶ Only eligible at Division

Division	Safety-15%	25%	25%
	Access-10%		
	Demand-Density-10%		
	Connectivity-10%		
	Cost Effectiveness-5%		
	Total=50%		

# SPOT 4.0-Public Transportation

Expansion Vehicles			
Division	Access-5%	25%	25%
	System Safety-10%		
	Impact-15%		
	Cost Effectiveness-15%		
	Market Share-5%		
	Total=50%		
Facilities			
Division	Impact or Age-15%	25%	25%
	Cost Effectiveness-15%		
	Market Share-10%		
	Ridership Growth-10%		
	Total=50%		

# SPOT 4.0-Aviation

Division	NCDOA Rating-25%	25%	25%
	FAA ACIP Rating-10%		
	Non-State Contribution Index-5%		
	Benefit-Cost-10%		
	Total=50%		



# Timeline

- ▶ SPOT 4.0 Timeline
- ▶ **June 2015** – Call for New Project Submission–open to IRPO membership only
- ▶ **October 2015** – IRPO’s TAC approves list of projects for submission to SPOT 4.0
- ▶ **Fall-Early Winter 2016** – IRPO updates Public Involvement Plan and develops **New Local Input Point Methodology**
- ▶ **Fall-Early Winter 2016** – IRPO has 30-day Public Comment Period on **Local Input Point Methodology**
- ▶ **Early Winter 2016** – IRPO conditionally approves the **Local Input Point Methodology**
- ▶ **End of March 2016** – Quantitative Scores and Draft list of Programmed Statewide Mobility Projects released
- ▶ **April 2016** – Deadline for Approval of Local Input Point Assignment Methodology
- ▶ **April 2016** – IRPO’s publishes **draft Local Input Assignments for Regional and Division Projects**
- ▶ **April 2016** – IRPO has 14-day Public Comment Period
- ▶ **April 2016** – Regional Impact Local Input Point window opens for 2 months
- ▶ **May 2016** – IRPO’s TAC approves **final Local Input Point Assignment for Regional Projects**
- ▶ **End of July 2016** – Draft list of Programmed Regional Impact Projects released
- ▶ **August 2016** – Division Needs Local Input Point window opens for 2 months
- ▶ **September 2016** – IRPO’s TAC approves **final Local Input Point Assignment for Division Projects**
- ▶ **October 2016** – Final P4.0 Scores released
- ▶ **December 2016** – 2018-2027 Draft STIP released

# “New” Submissions

- ▶ IRPO gets 11 new submissions by mode. So, 11 Highway, 11 Bike/Ped, etc.
- ▶ Includes new submissions and possible re-submittals of projects that were kicked out of the SPOT 3.0 database.
- ▶ 10 Possible Re-submittals
- ▶ 7 New Submittals—including 2 intersection projects

# Local Input Point Methodology— 1300 Points

- ▶ MPOs/RPOs need to have a NCDOT approved process for assigning local input points based on a combination of quantitative and qualitative criteria-One of Each
- ▶ Must be Conditionally approved by NCDOT by April 2016
- ▶ Changes can be made to final assignments based on public comments and other rationales, as long as IRPO publishes its reasoning
- ▶ Criteria being considered:
  - ▶ SPOT score
  - ▶ “Constructability”/Planning
  - ▶ Local Priority
  - ▶ Safety

# Normalization

- ▶ Same as last time
- ▶ Statewide competes directly, subject to various caps
- ▶ For Regional/Division:
  - ▶ Highways will received between 90-96% of all funding
  - ▶ Non-highway will receive between 4-10%
  - ▶ 6% will be a direct competition between all modes within the Region or Division

# Next Steps

- ▶ Selecting “New” Projects
- ▶ Updating Public Involvement Plan
- ▶ Developing the Local Input Point Methodology

# Holding Tank Projects

H090181	Highway	Regional Impact	R-2642	NC-226	I-40	US 221	I-40 to US 221. Widen to Multi- Lanes.	Mcdowell, , ,
H090845	Highway	Regional Impact		NC-226	US 221	SR 1563	Improve Alignment and Resurface NC 226 Between US 221 to SR 1563	Mcdowell, , ,
H090846	Highway	Regional Impact	R-5112	NC-226	US 221	US 19E	Construct Two Lane Improvements and Widen to Multi-Lanes.	Mcdowell, Mitchell, ,
H111035	Highway	Division Needs		SR-1195	US 221	West Court Street	Modernize Roadway to Improve Capacity and Compliance with Complete Streets Policy	Mcdowell, , ,
H111038	Highway	Regional Impact		NC-9	US 74	NC108	Improve Safety By Providing Paved Shoulders	Polk, , ,
H111048	Highway	Division Needs		SR-1121 Harmon Field Road	US 176	NC 108	Widen and Add Sidewalks to Meet Complete Streets Policy Compliance and to Improve Mobility	Polk, , ,
H141905	Highway	Statewide Mobility		US-74	I-26	US 74 at Mooresboro	Upgrade freeway to interstate standards	Rutherford, Polk, Cleveland,
H141907	Highway	Division Needs		SR- Industrial Ave.	US 221	Jack McKinney Road (SR 1111 or 1592 or 1908)	Construct a new connector road from US-221 to Jack McKinney Road	Rutherford, , ,
H141960	Highway	Division Needs		SR-1103 Bat Cave Road	I-40	SR 1135 (Old Fort Sugar Hill Road)	Widen roadway to increase capacity.	Mcdowell, , ,
H142002	Highway	Division Needs		- Lake Lure Pkwy	Arcade Avenue	US74A/US64	Construct a road connecting Lake Lure and Chimney Rock Village to proposed new entrance for Chimney Rock State Park	Rutherford, , ,