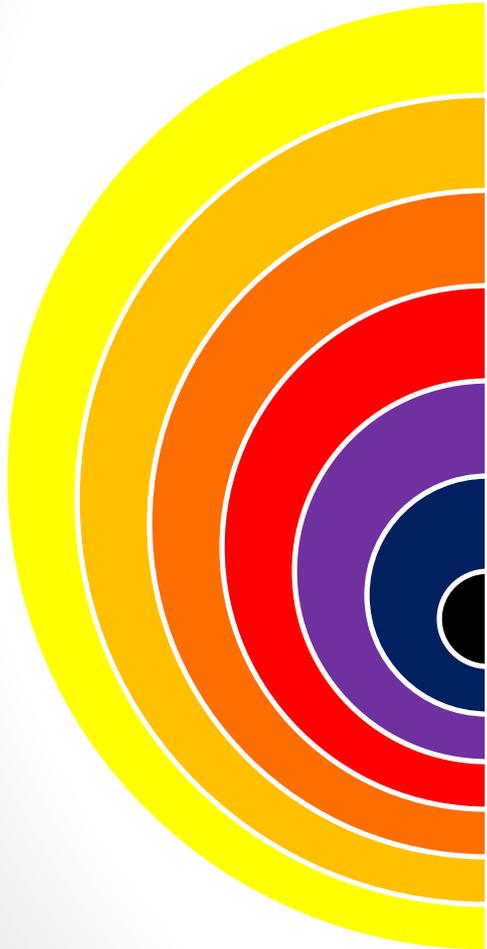


Draft MTP 2045

June 11, 2020

The MTP in the Planning Process



2040 Plan	<ul style="list-style-type: none">•Statewide Vision•Strategic Corridors
CTP	<ul style="list-style-type: none">•30+ Years•No \$ Constraint
MTP	<ul style="list-style-type: none">•25 Years, Used for AQ Determinations•Based on Revenue Forecast
SPOT	<ul style="list-style-type: none">•Scores Projects for Effectiveness•Results go into STIP/TIP
STIP/TIP	<ul style="list-style-type: none">•0-5 and 6-10 Years•Specific Funding Sources Identified
NEPA/Design	<ul style="list-style-type: none">•Project alternatives are assessed•Final project design and cost
Construction	<ul style="list-style-type: none">•Project Let, Built•Facility Opened

MTP Requirements

- Required for MPOs
- Must be Updated Every Five Years (every four years in areas not meeting air quality standards)
- Projects 25 Years Into the Future
 - Population and Employment Projections
 - Travel Demand Model Projections (where congestion is expected to increase)
 - Financial Projections
 - Project List Reflecting Regional Priorities (funded/TIP projects are required to be in the MTP)

Goals & Objectives

MTP GOAL

Improve Safety

Manage Congestion and System Reliability

Ensure Changes Respect Our Unique Places and Environments

Improve Public Transportation

Maintain and Improve Safe Freight Movements Within and Through Our Region

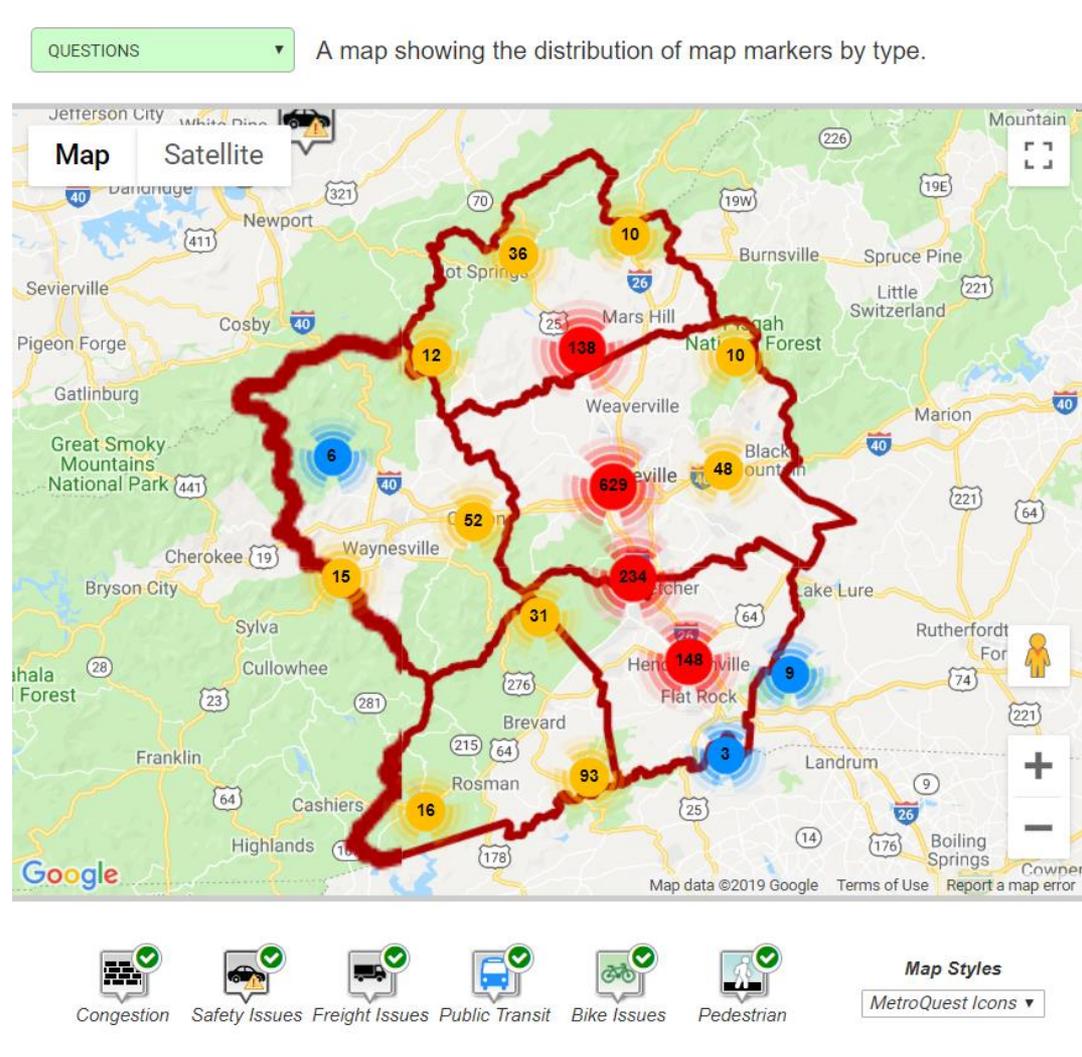
Improve Multimodal Transportation

Maintain the Region's Infrastructure

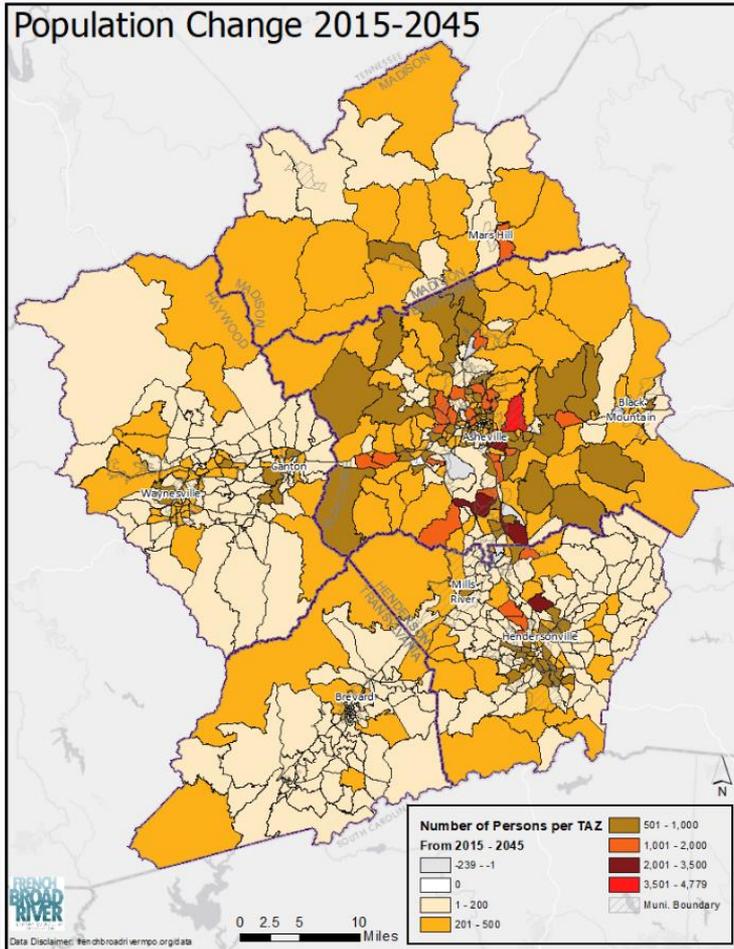
Develop a More Equitable Transportation System

2019 Public Survey

- 1,503 Markers
 - Congestion- 546
 - Safety- 282
 - Bicycle- 269
 - Transit- 192
 - Pedestrian- 144
 - Freight- 70
- 846 Comments



Population & Employment Projections

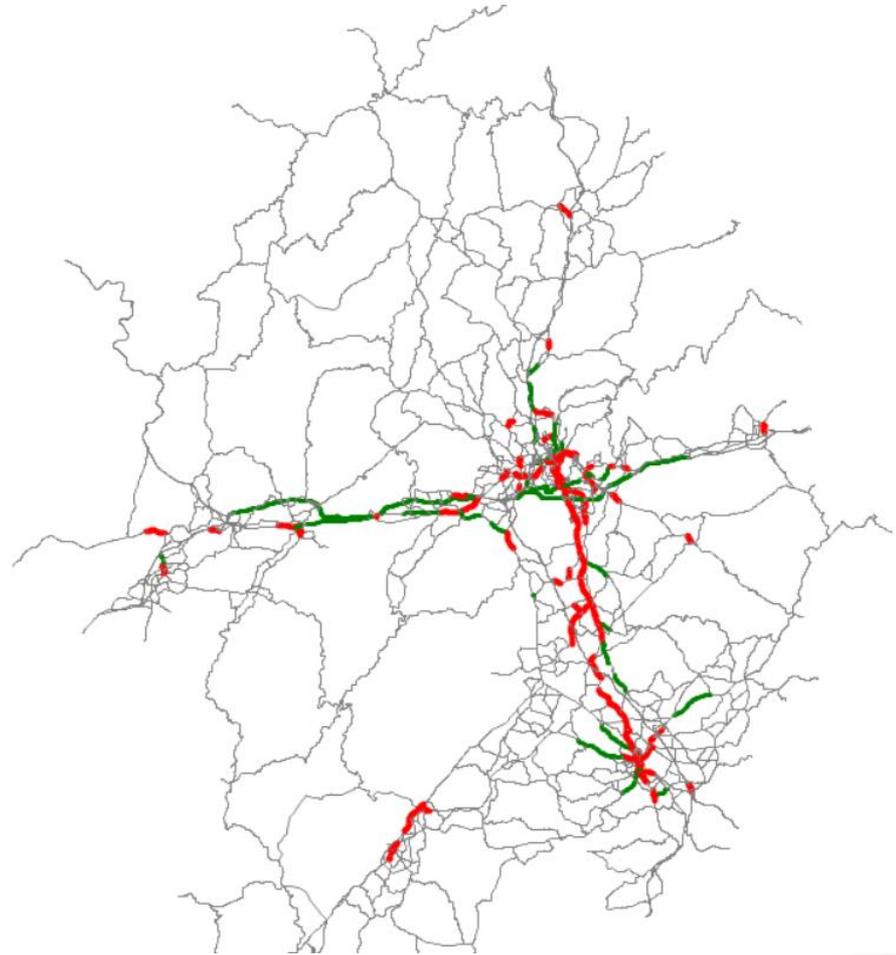


- 189,000 new residents by 2045
- Three growth scenarios considered
- Full report available here:

http://frenchbroadrivermpo.org/wp-content/uploads/2020/02/Final-Report_LandUseStudy_013020.pdf

Travel Demand Model

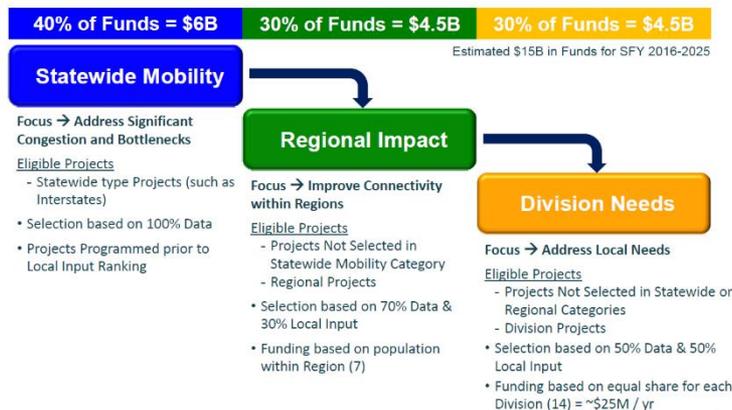
- Reflects projected congestion issues in 2045
- US 25, I-40, US 64, parts of US 19/23, Russ Avenue, among others



MTP Requirements

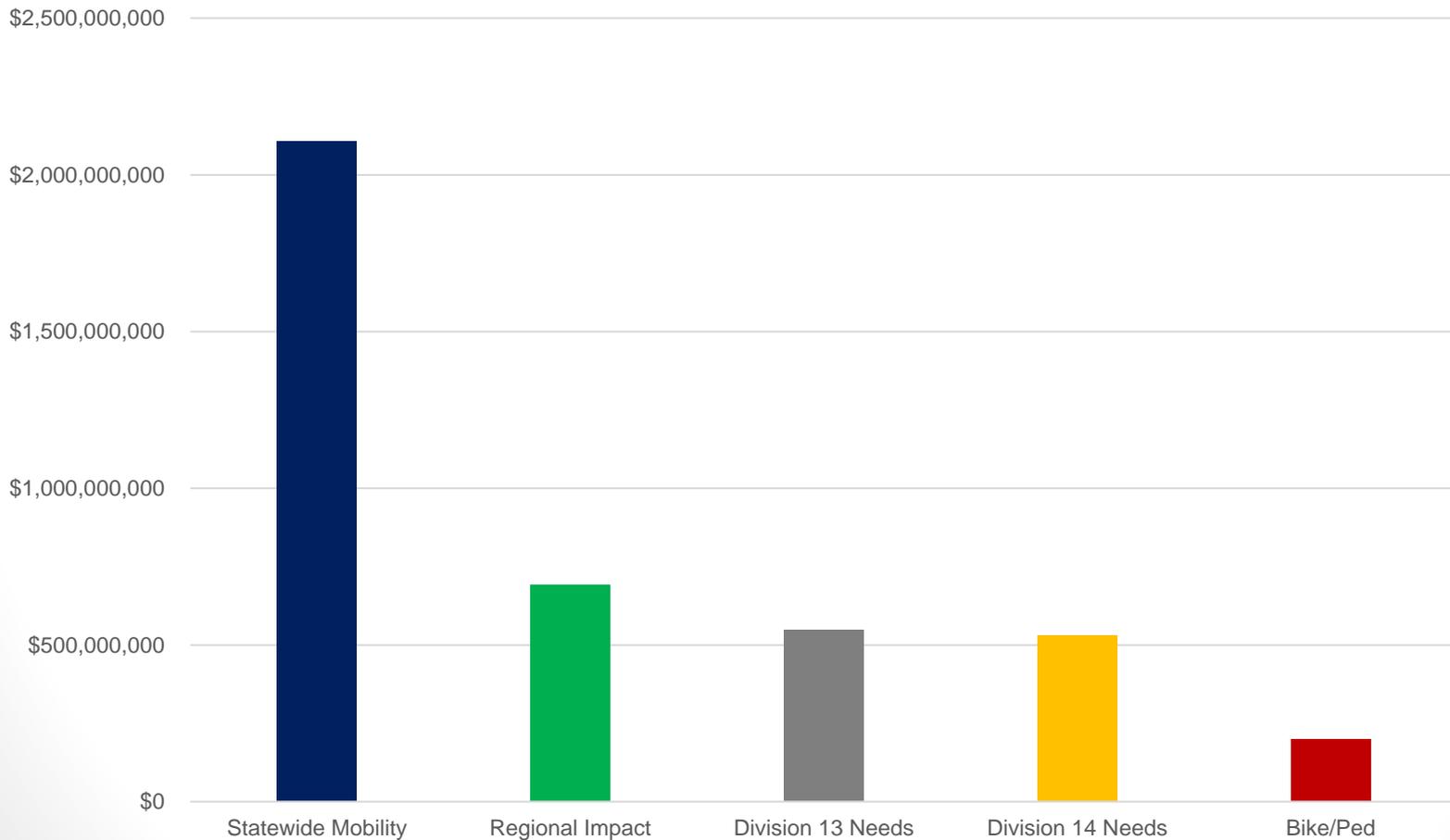
- MTPs are required to have a financial planning aspect that projects how much funding will be available for transportation improvements over 25 years and how those funds may be used

How the STI Works



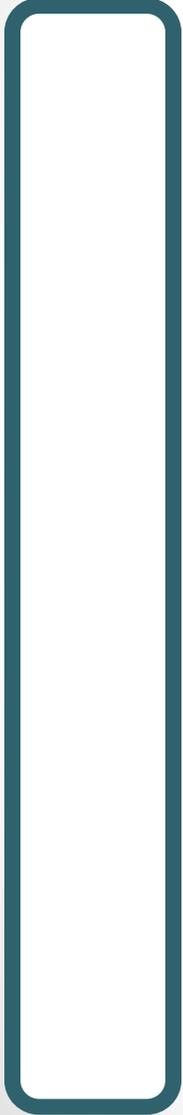
Financial Plan

MTP 2045- Projected Funding in the FBRMPO



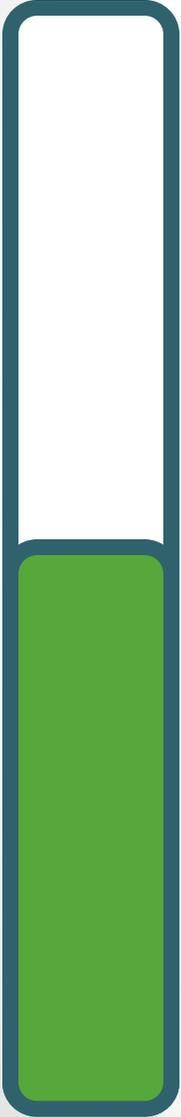
Project Selection

← \$4 Billion in MTP Financial Plan



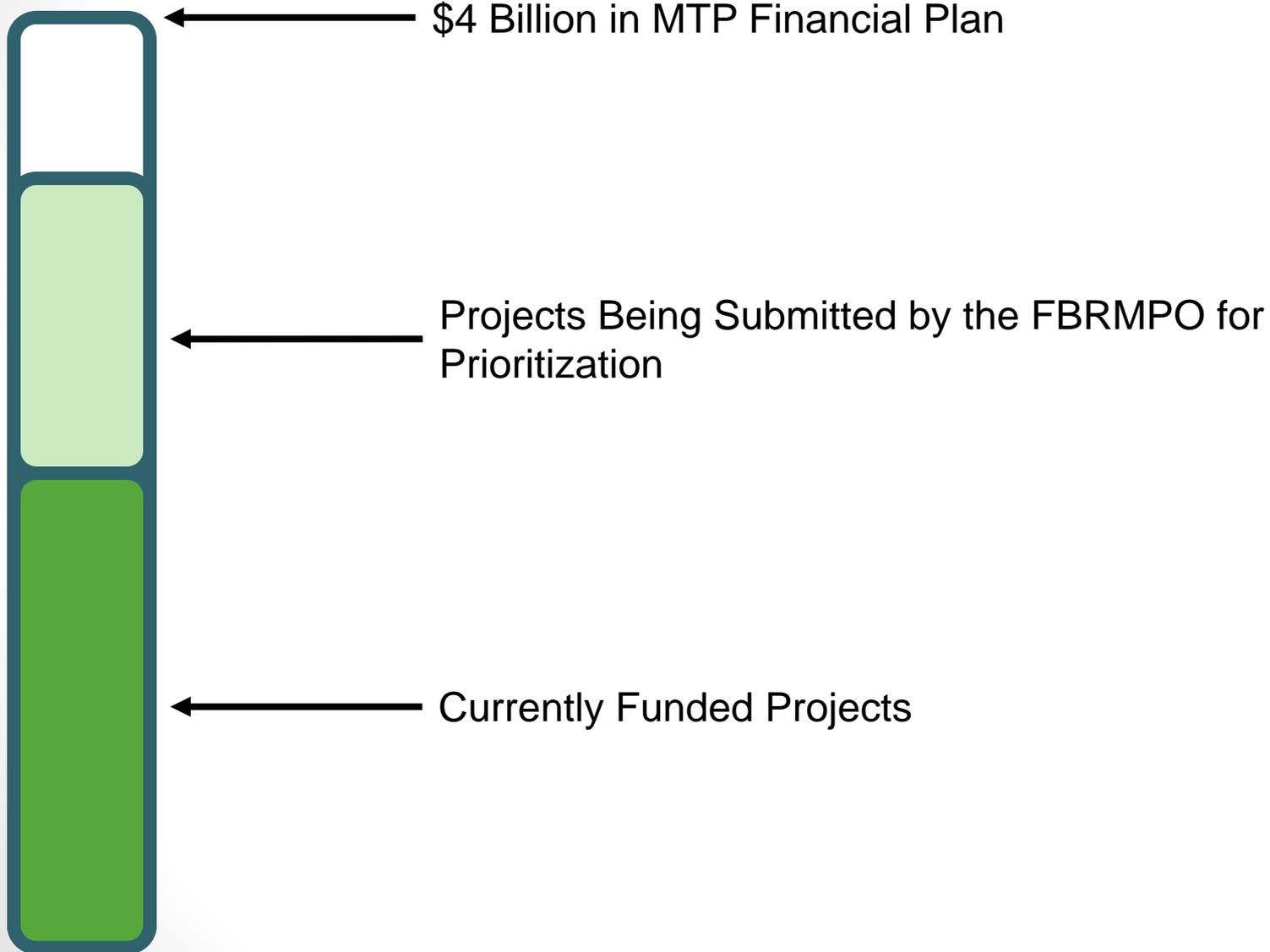
Project Selection

\$4 Billion in MTP Financial Plan

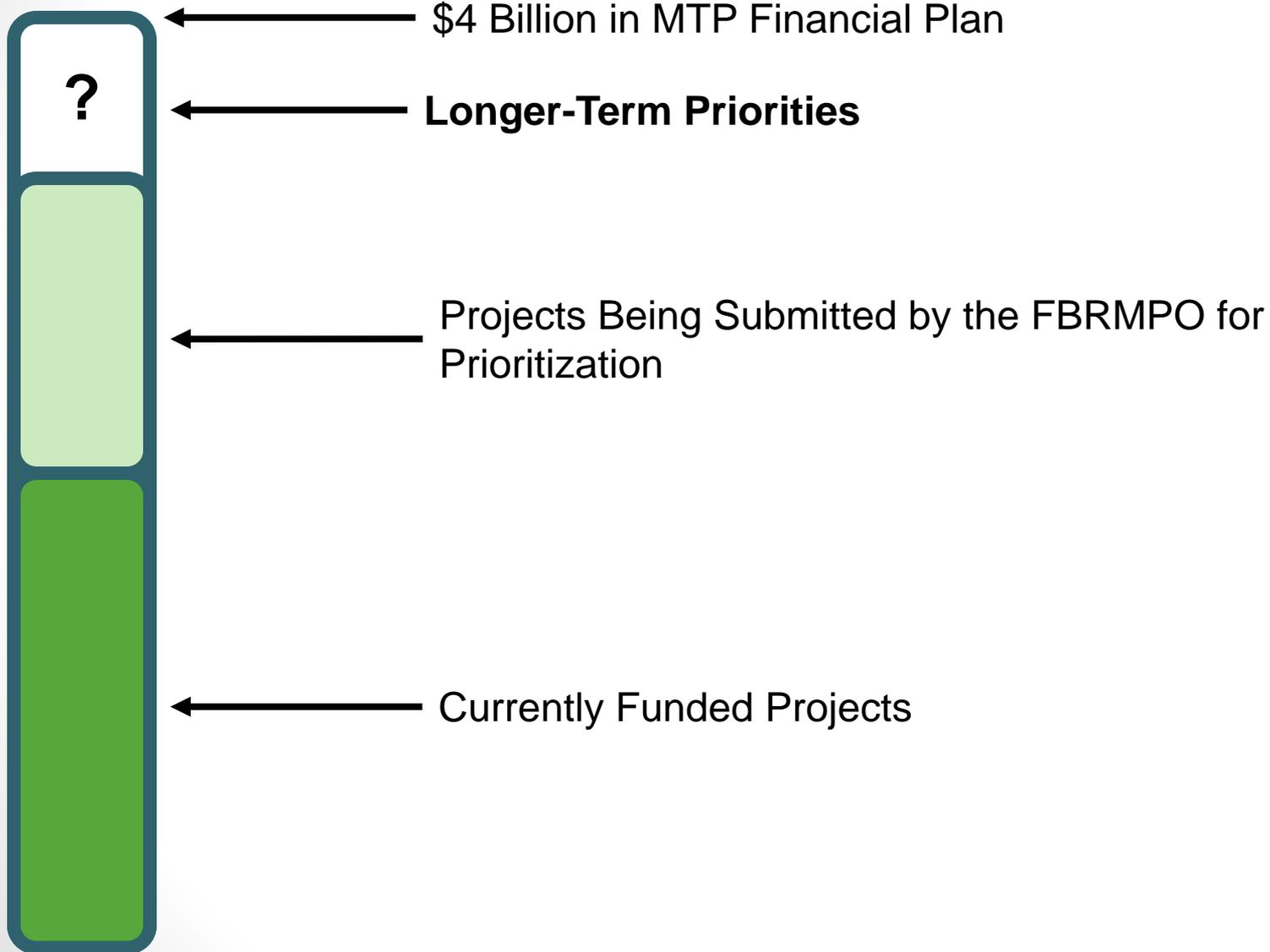


Currently Funded Projects

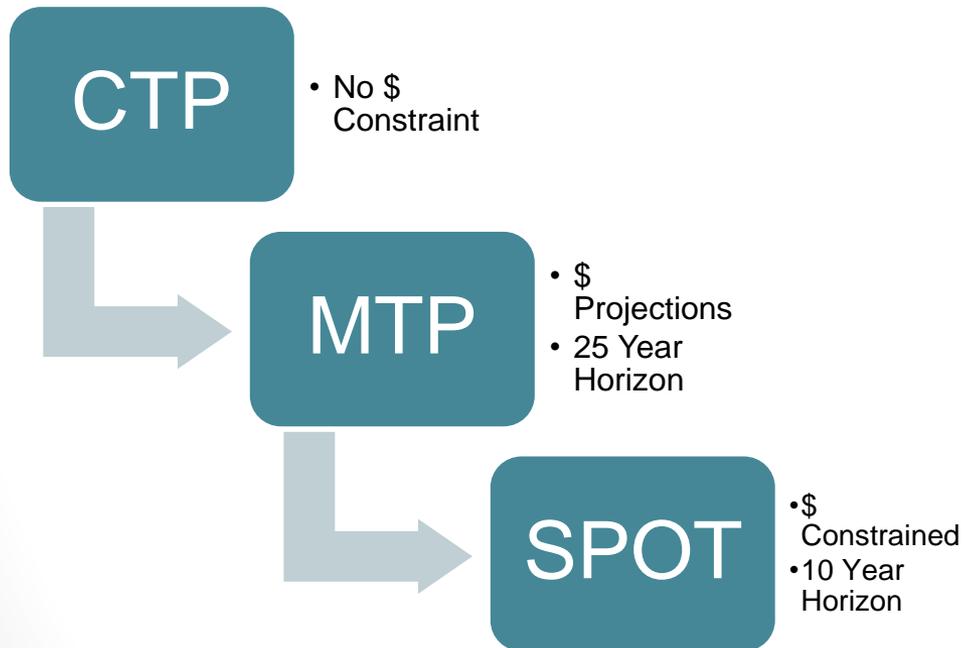
Project Selection



Project Selection



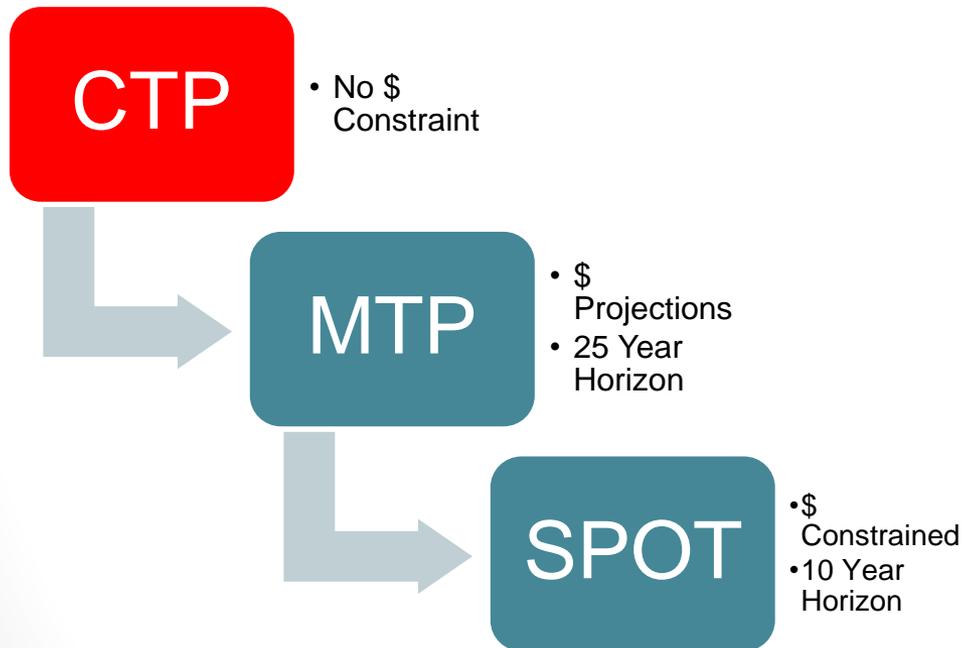
Longer-Term Project Selection



Ideal Process

- Projects “move” from CTP to MTP to SPOT

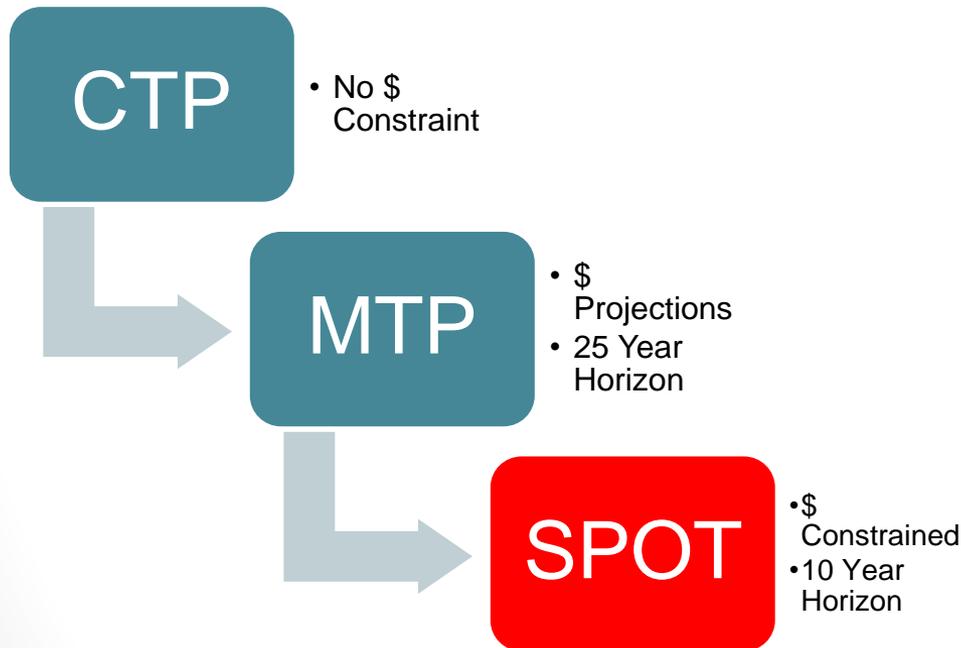
Longer-Term Project Selection



Ideal Process

- Projects “move” from CTP to MTP to SPOT
- Issue #1: the CTP is 12 years old

Longer-Term Project Selection

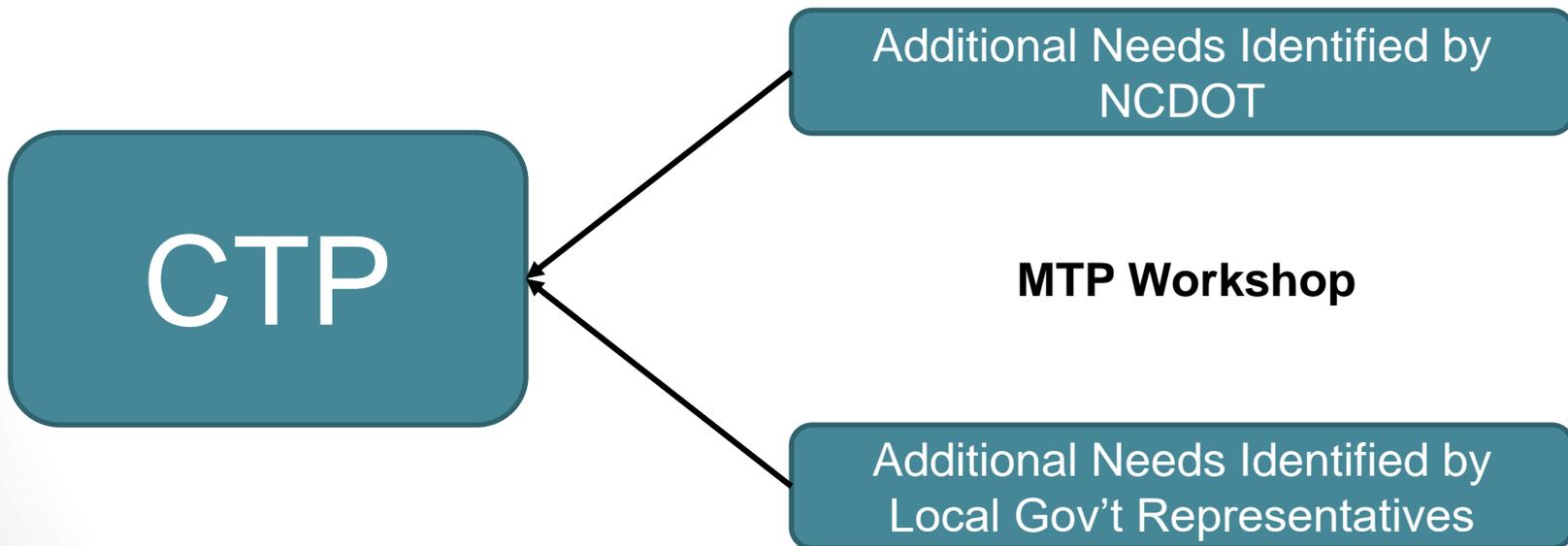


Ideal Process

- Projects “move” from CTP to MTP to SPOT
- Issue #1: the CTP is 12 years old
- Issue #2: projects are frequently submitted to SPOT that aren't in the CTP or MTP -> better long-term planning needed to get ahead of these issues

Long-Term Project Selection

Step 1: Supplement the CTP with Needs Identified by Local Government and NCDOT representatives



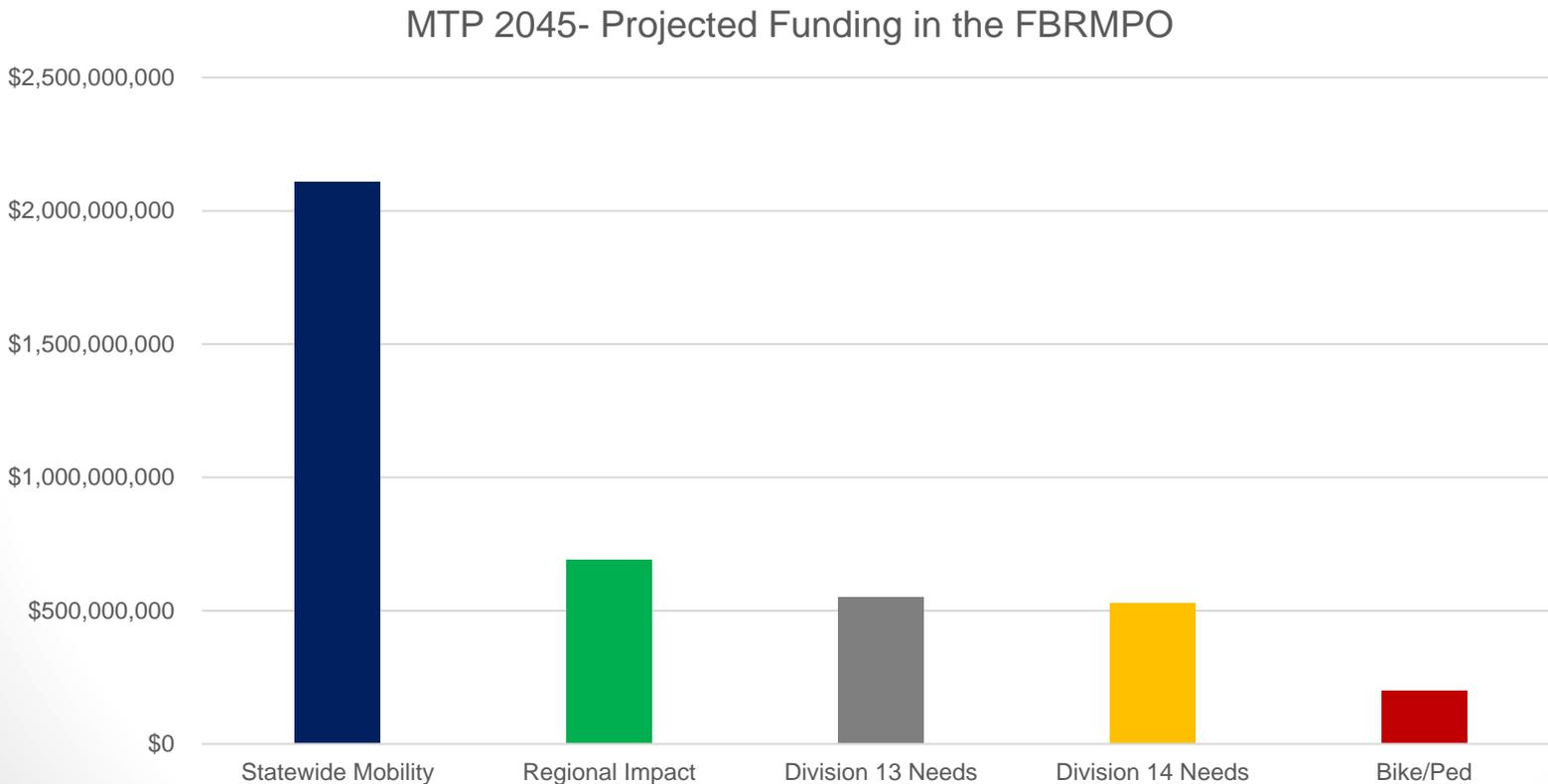
Long-Term Project Selection

Step 2: Evaluate and Rank Projects Based on Data



Long-Term Project Selection

Step 3: Program Projects Based on the MTP's Financial Plan



Draft MTP 2045



Next Steps

- Public Comment Period Planned for July & August
 - Survey & (almost definitely) Online Engagement Events
- Final Approval by TCC & Board Required in September
- More Edits and Additions Going Through the Prioritization Subcommittee

QUESTIONS/FEEDBACK