

Public Meeting #3

May 12, 2020

Presented by VHB



Today's Presentation "Roadmap"

- I. Update on Burlington-Graham Metropolitan Planning Organization (BGMPO) Metropolitan Transportation Plan (MTP) process
- II. Review draft recommendations
- III. Participate in Q&A
- IV. Provide feedback (explore map and complete survey)

Timeline



We are here

Additional public input

Public Input Previous Events

- Stakeholder Interviews, May-June 2019
- Public Input Meeting #1 July 23
- Online Survey, August 2019
- Public Input Meeting #2 January 14



MetroQuest Survey

- Survey open Tuesday, July 30th through August 29th
- 137 responses
- Not a statistically-significant sample

1 BGMPO 2045 MTP

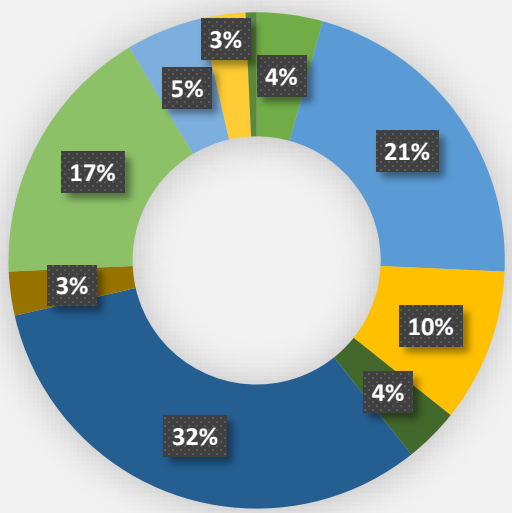
WELCOME

YOUR INPUT IS NEEDED!
The Metropolitan Transportation Plan (MTP) is a 25-year transportation plan that will strengthen our economy and provide multi-modal travel options to connect goods and people to the places they want to go.

Begin



Respondent Home Area

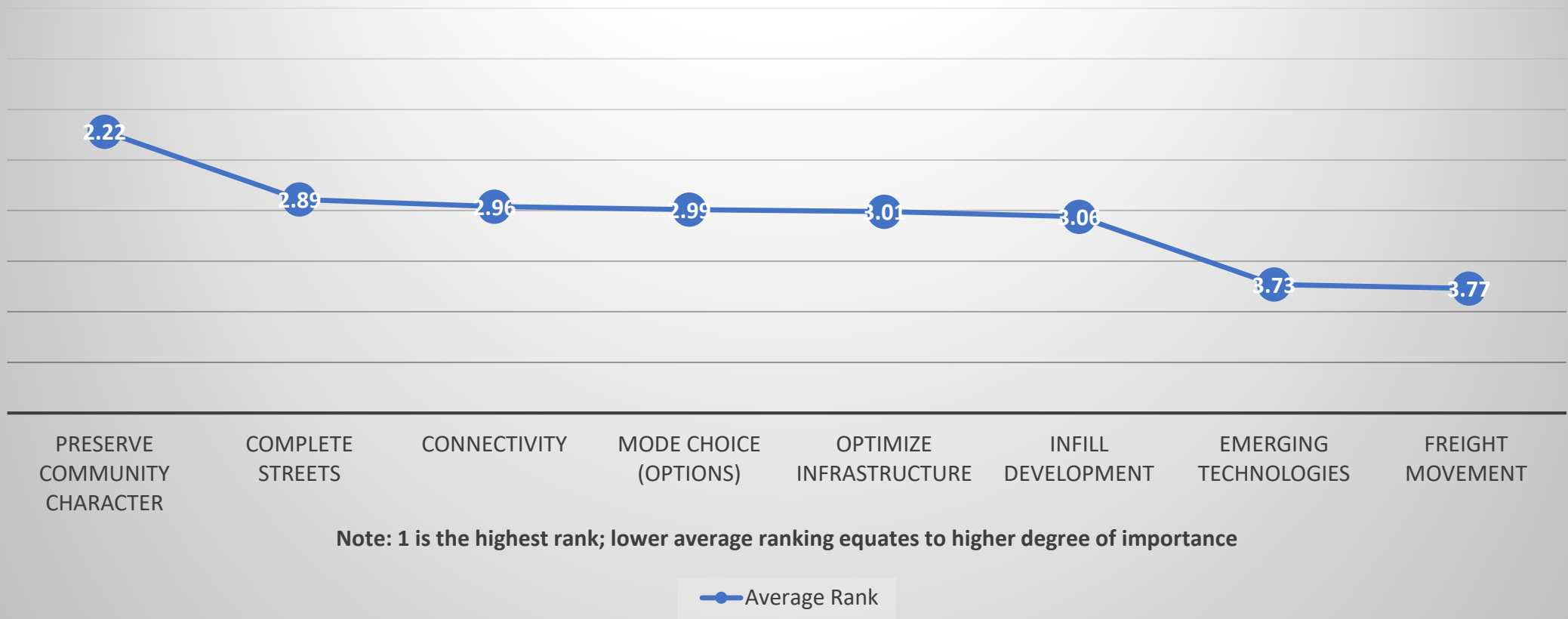


- Alamance County unincorporated
- Burlington
- Elon
- Gibsonville
- Graham
- Guilford County

The MTP includes highway and non-highway (bike, pedestrian, transit, aviation, rail, etc.) projects. The MTP is the basis of transportation infrastructure funding and construction.

MetroQuest-What is Important to Participants when Selecting Projects

Average Ranking by Order of Importance (1 was the highest rank)





2nd Public Input Meeting January 14, 2020 Gibsonville Community Center

Projects the attendees were strongly in support of:

- Bike/ped projects that increase safety, particularly Graham-Hopedale and Church St
- Mebane public transit, bicycle and pedestrian improvements
- Mebane Park and Ride lot (lots)

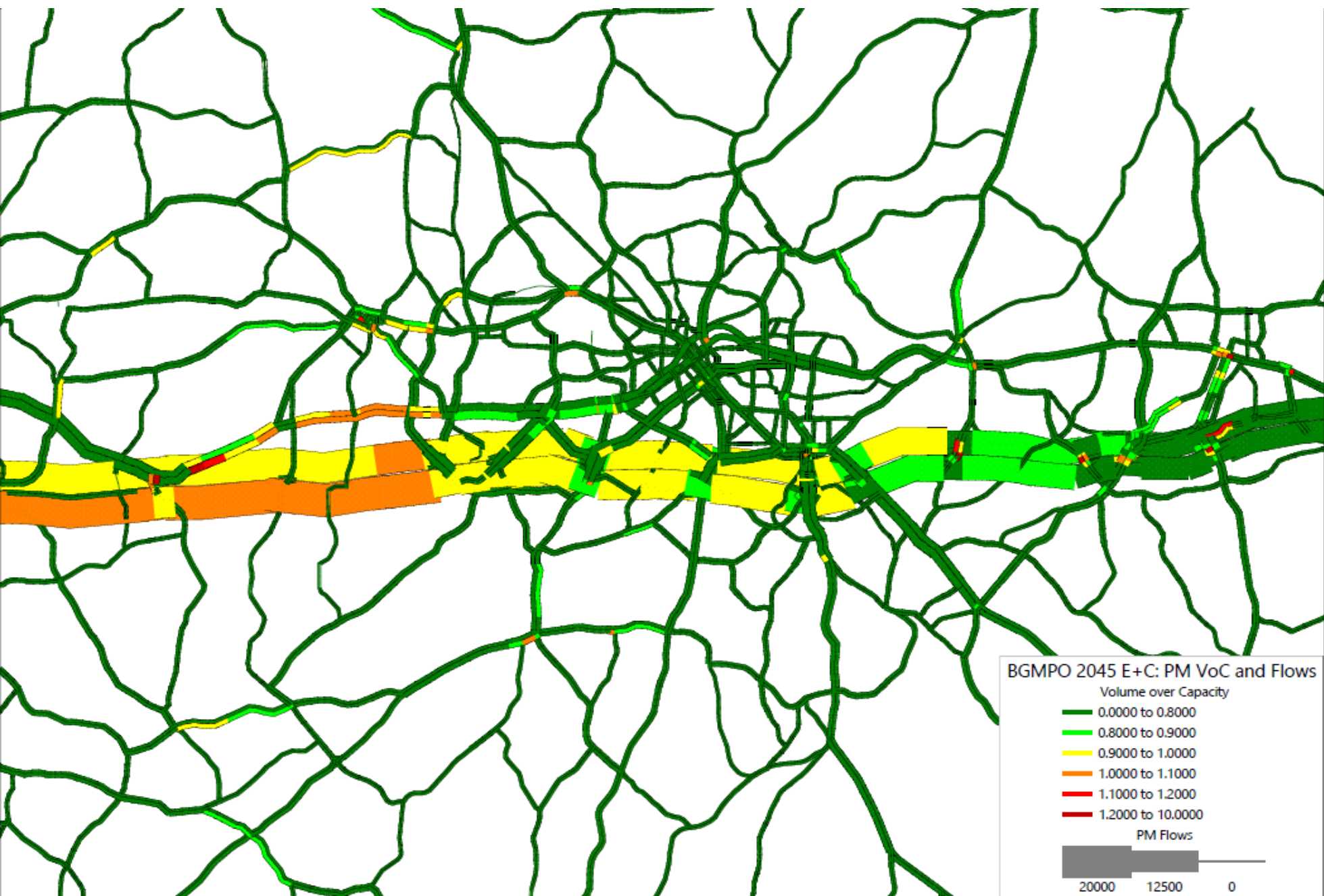
Projects that the attendees would oppose or have concerns with:

- Widening of Highway 70 between Main Street and 5th Street (STIP Project U-6009)

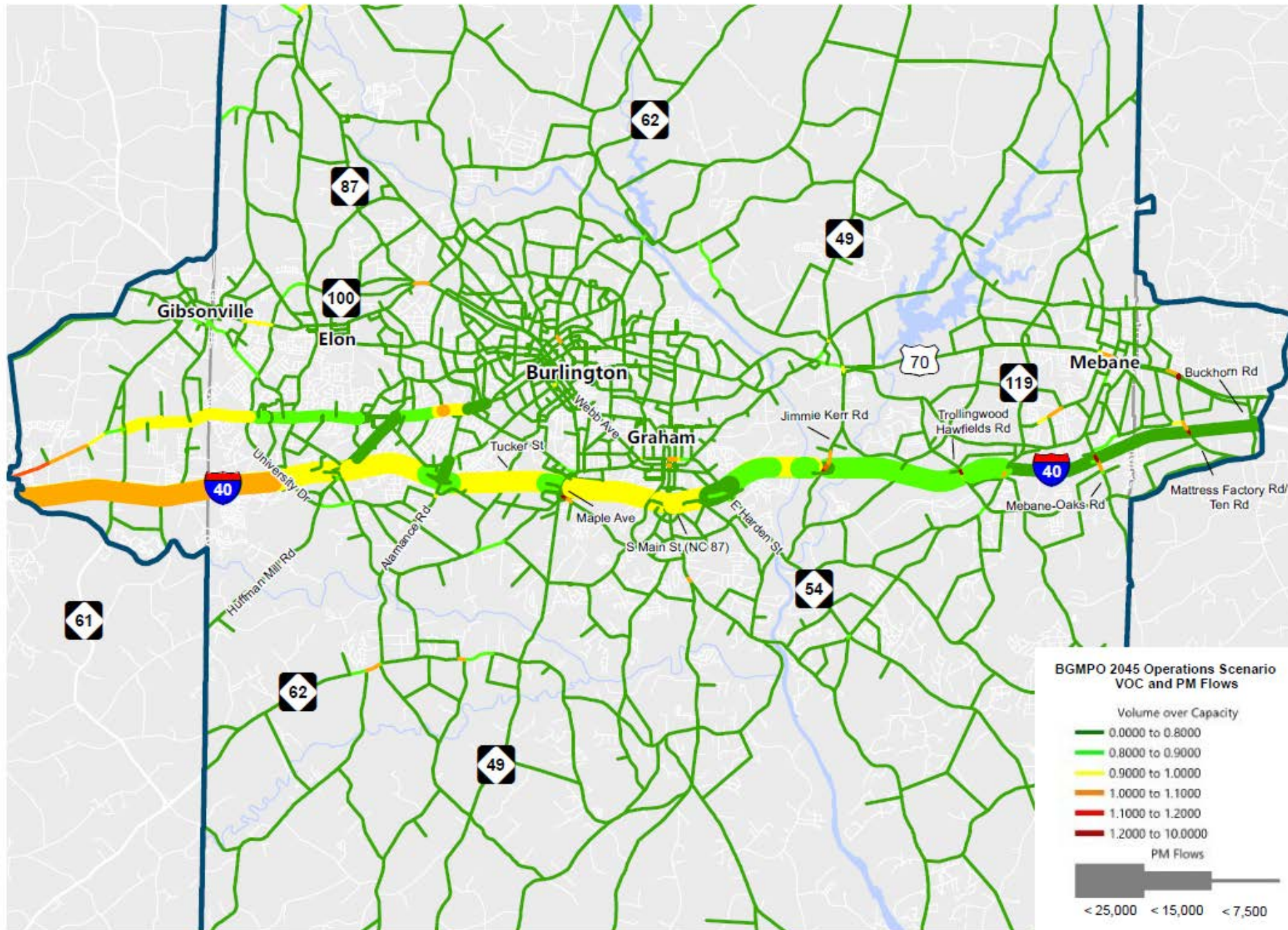
Any projects that should be added to the list:

- Bicycle connections along Hwy 70 between Elon-Burlington-Mebane
- Mebane Commuter Rail
- I-40/I-85-NC 61 Interchange area (truck traffic/ Love's at this interchange)
- Mebane SPOT 6.0 highway projects
- Mebane SPOT 6.0 bike/ped projects

Existing + Committed 2045 Scenario

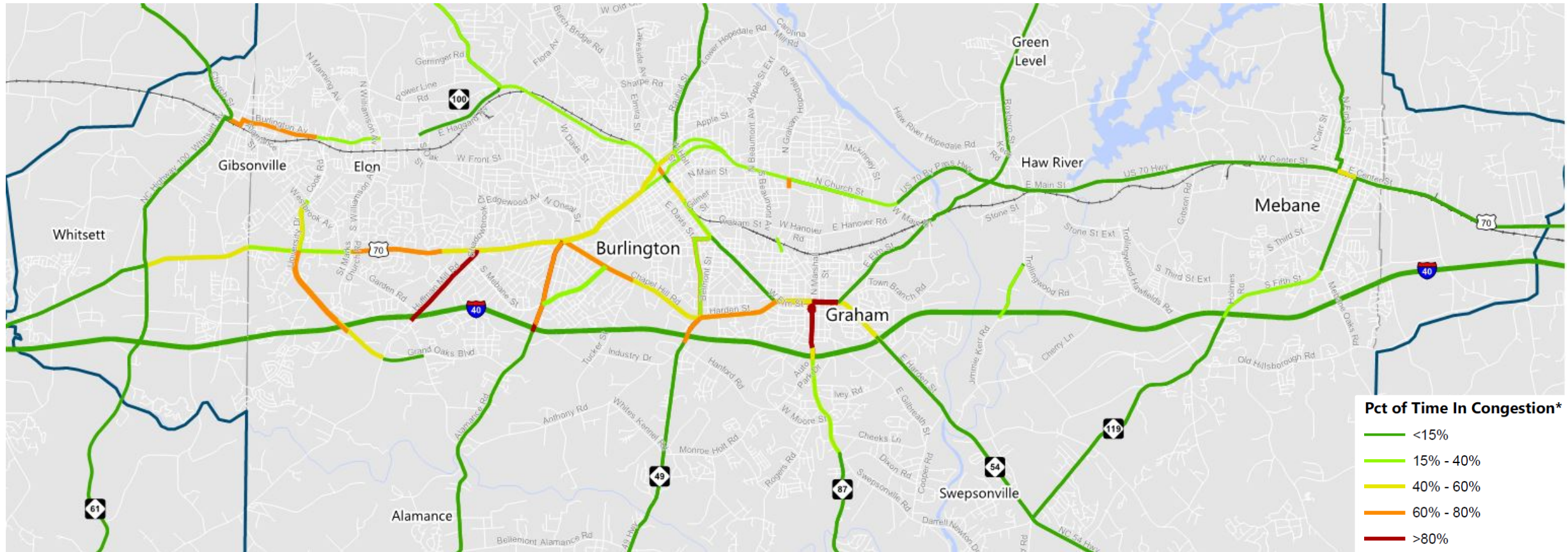


Operations & Safety Scenario 2045 Conditions



PM Peak Congestion based on afternoon peak travel speeds, 2018 HERE cell phone data

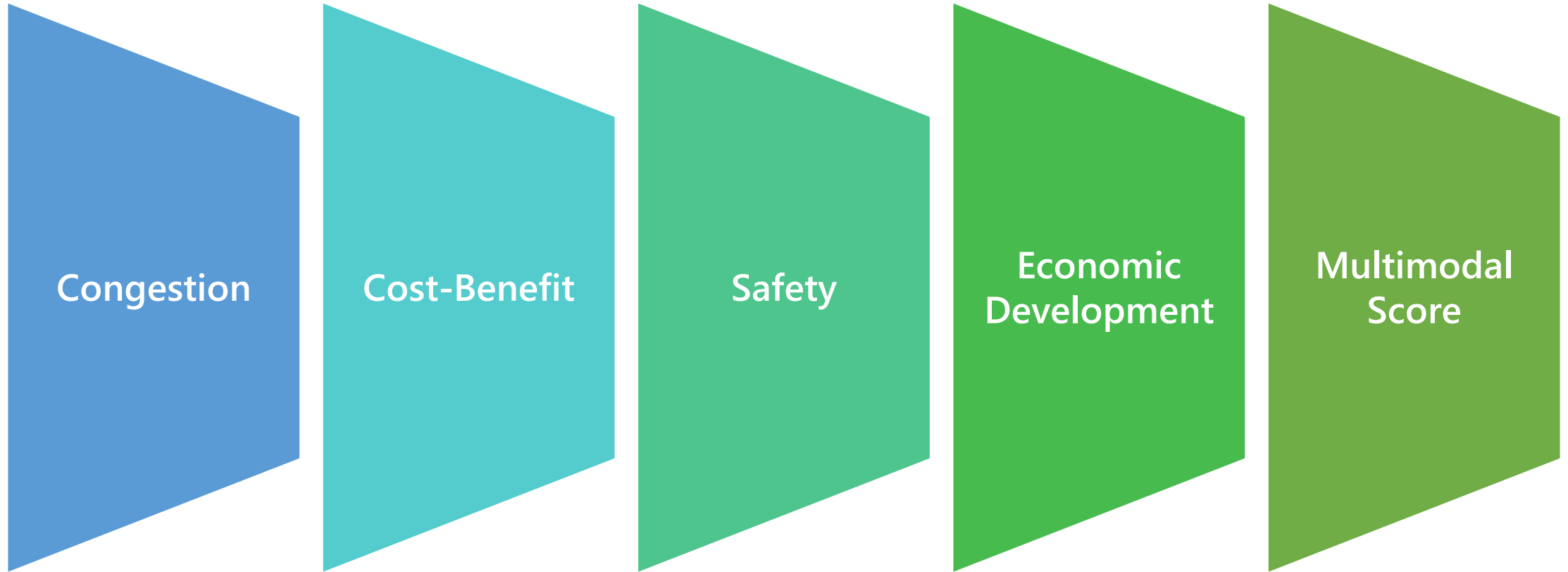
- PM peak congestion critical on US 70 and on major arterials connecting US 70 and I-40



*A roadway is "in congestion" whenever the average speed over a five-minute interval falls below 75% of the free-flow speed

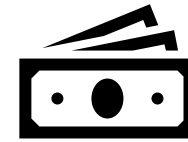
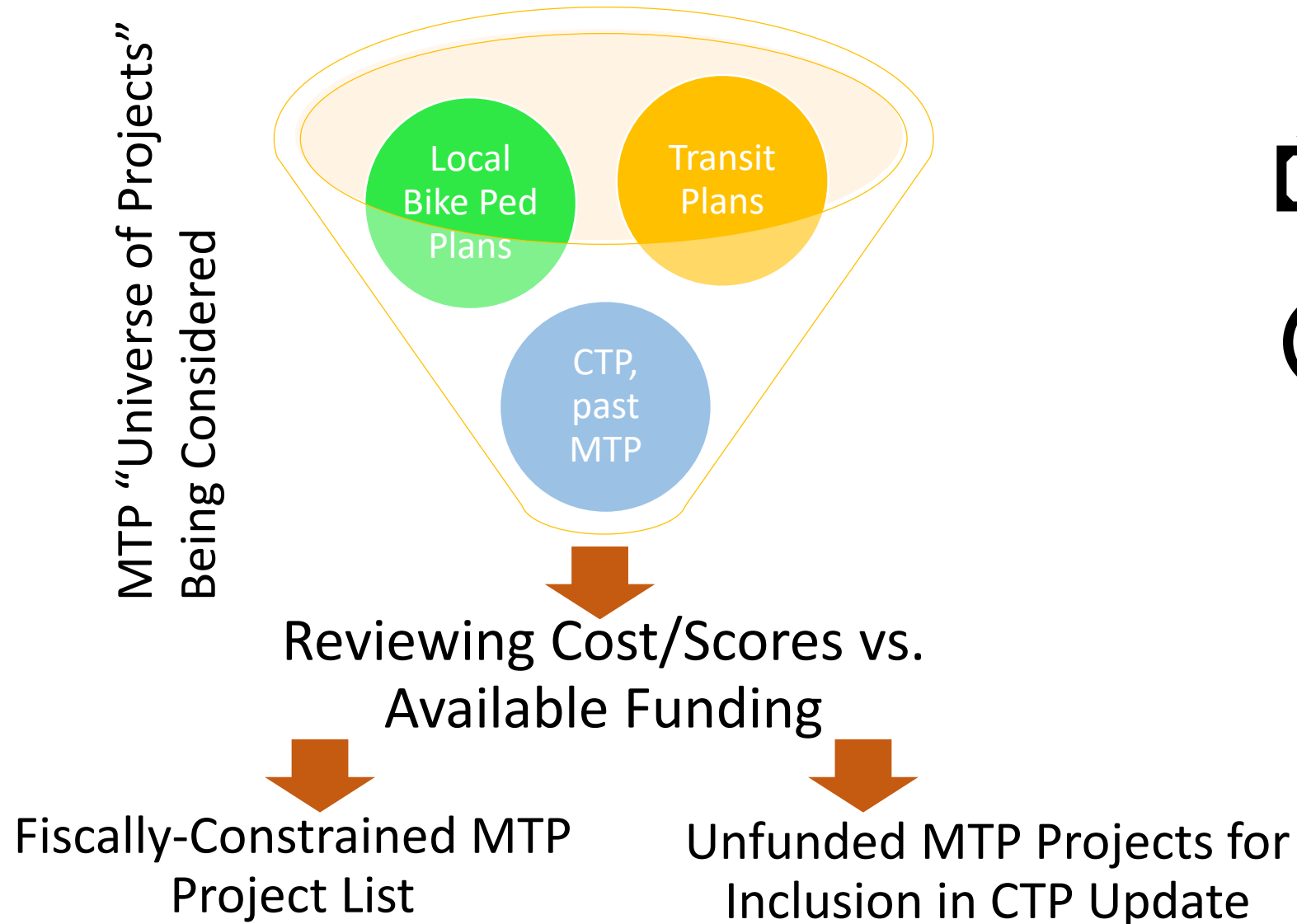
PM Peak Period (4-6 PM) Congestion using HERE Data, 2018 Tues-Thurs.

Roadway Scoring Components



Total Score (Out of 100)

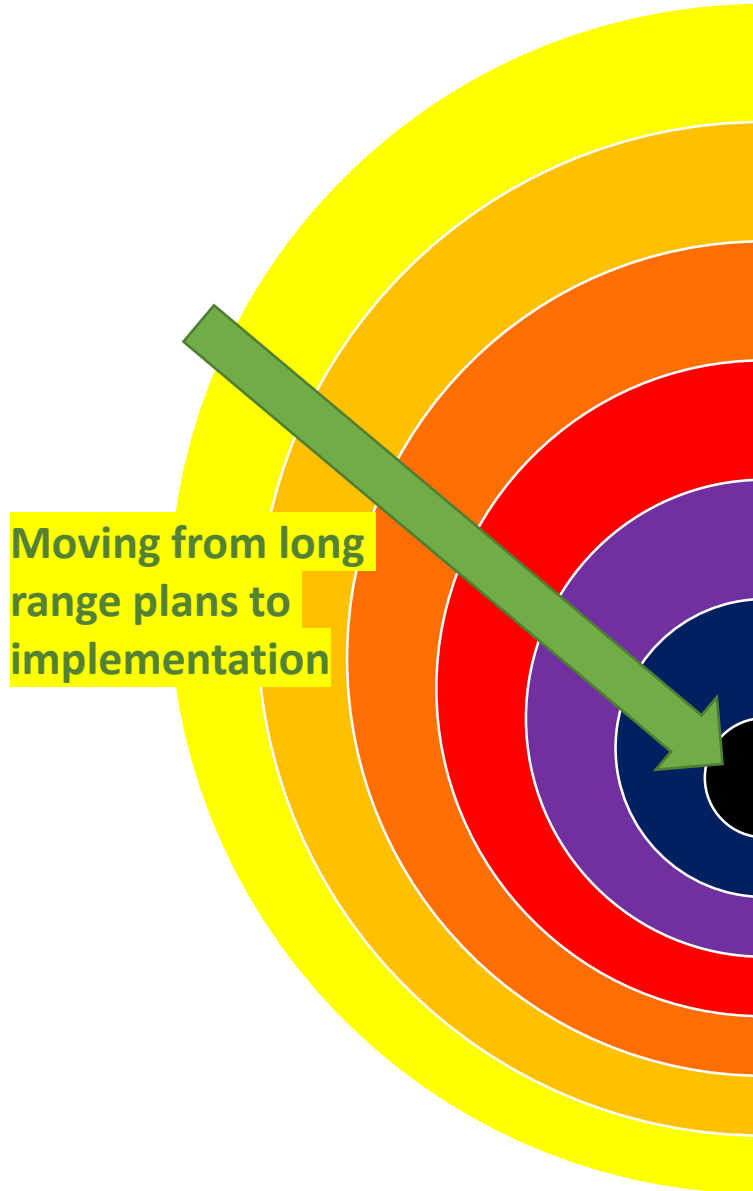
Fiscally-Constrained Plan



BGMPO Fiscal Forecast by Funding Category, \$ Millions

STATEWIDE MOBILITY		2025-2034 Funding, Millions	2035-2045 Funding, Millions	Total, 2025-2045, Millions
	BGMPO	\$171.555	\$213.7	\$385.3
REGIONAL IMPACT		2025-2034 Funding, Millions	2035-2045 Funding, Millions	Total, 2025-2045, Millions
	BGMPO	\$128.7	\$160.3	\$288.9
DIVISION NEEDS		2025-2034 Funding, Millions	2035-2045 Funding, Millions	Total, 2025-2045, Millions
	BGMPO	\$100.1	\$124.7	\$224.8

Life of a Transportation Project: It Takes a Long Time!



NC Moves 2050

CTP

MTP

SPOT (STI)

STIP/TIP

NEPA/Design

Construction

- Statewide Vision
- Strategic Corridors
- 30+ Years
- No \$ Constraint
- 25 Years, Used for Air Quality Analysis
- Based on Revenue Forecast
- Scores Projects for Effectiveness
- Results go into STIP/TIP
- 0-5 and 6-10 Years
- Specific Funding Sources Identified
- Project alternatives are assessed
- Final project design and cost
- Project Let, Built
- Facility Opened



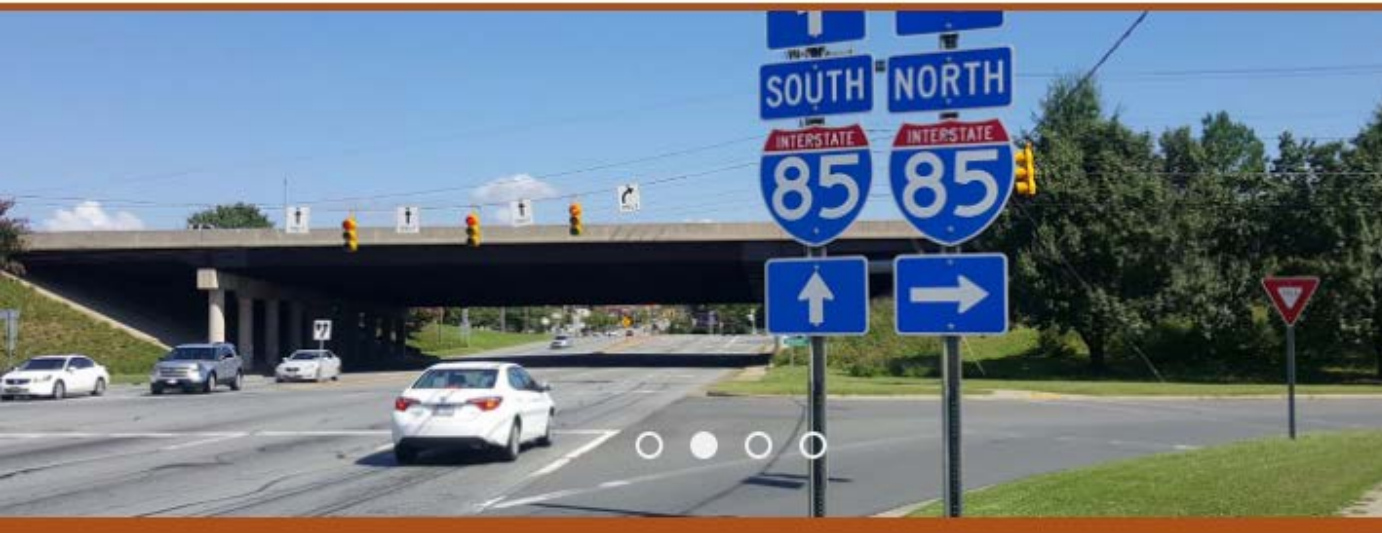


Additional Project Selection Considerations

- + US 70 Corridor Connecting Communities
- + Improving Access to Interstate I-40/I-85
- + Urban Core-Roadway Corridors Modernization
- + Implementing Recently-Completed Corridor Studies



Home About **Interactive Map** **Get Involved** Documents Team FAQ



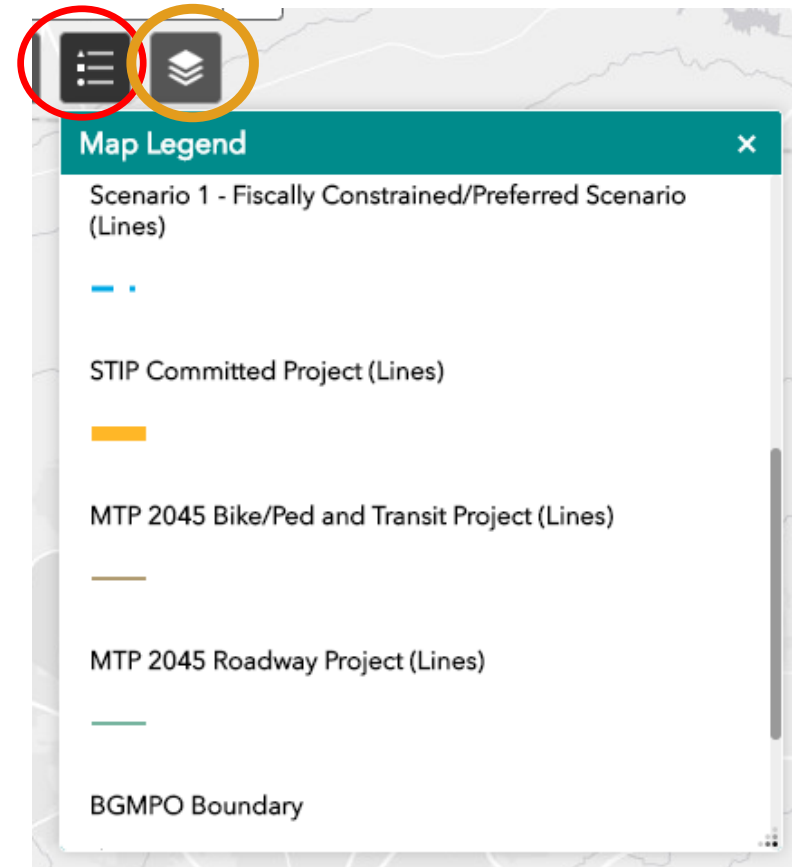
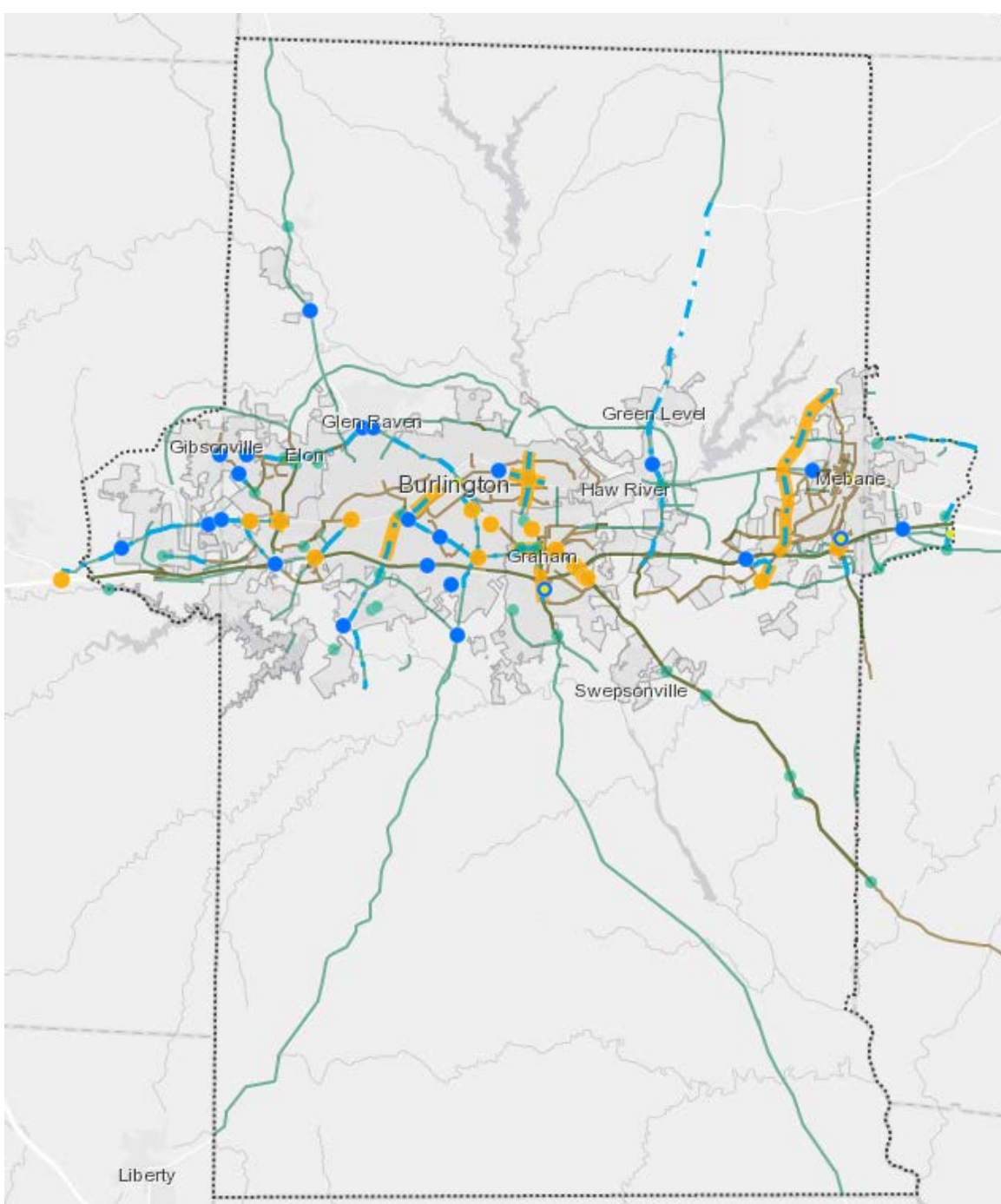
Online Interactive Map

1. Visit website
2. Click "Interactive Map"
3. Fill out the survey

Welcome to the website for *Getting There 2045*, the Burlington-Graham MPO's update to its metropolitan transportation plan. Once complete, this plan will establish the future vision for the region's transportation system and lay out

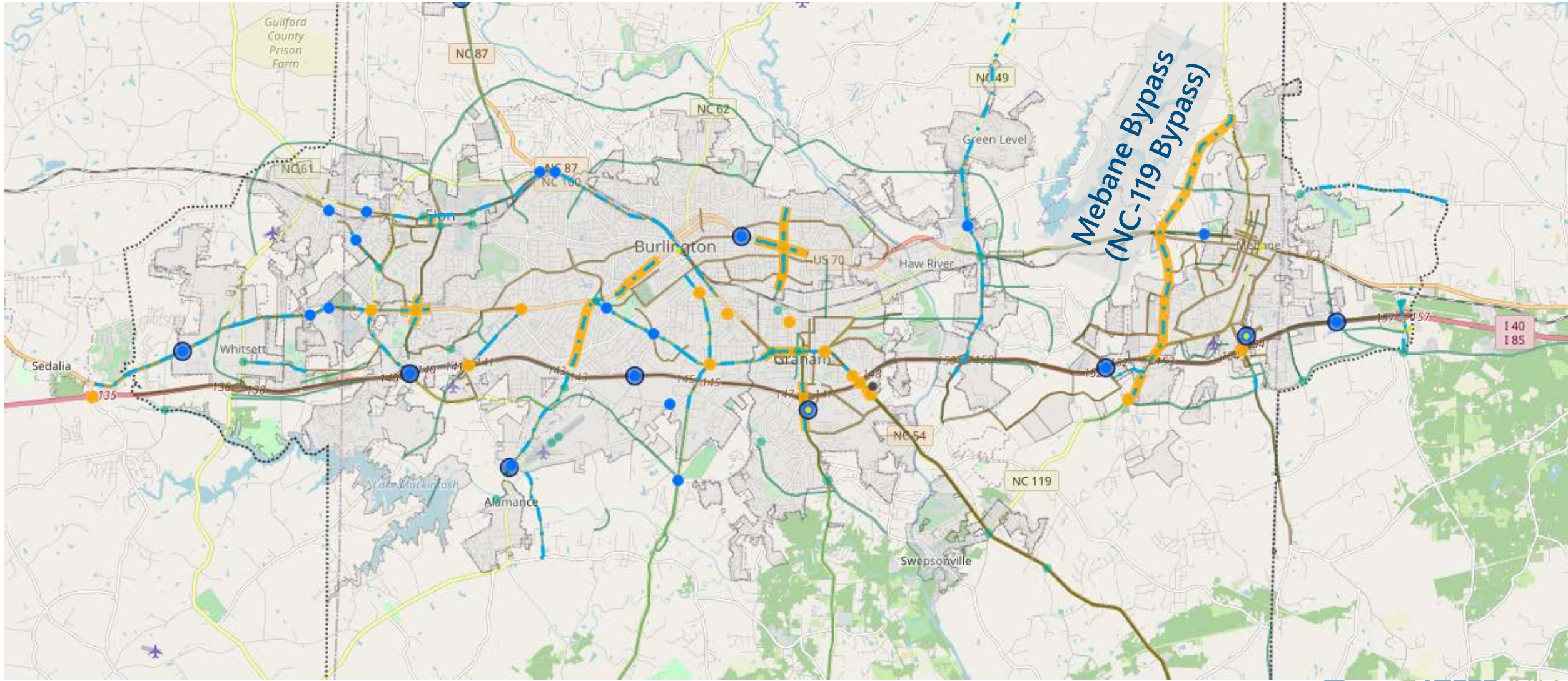


Fiscally-Constrained Draft Project Map

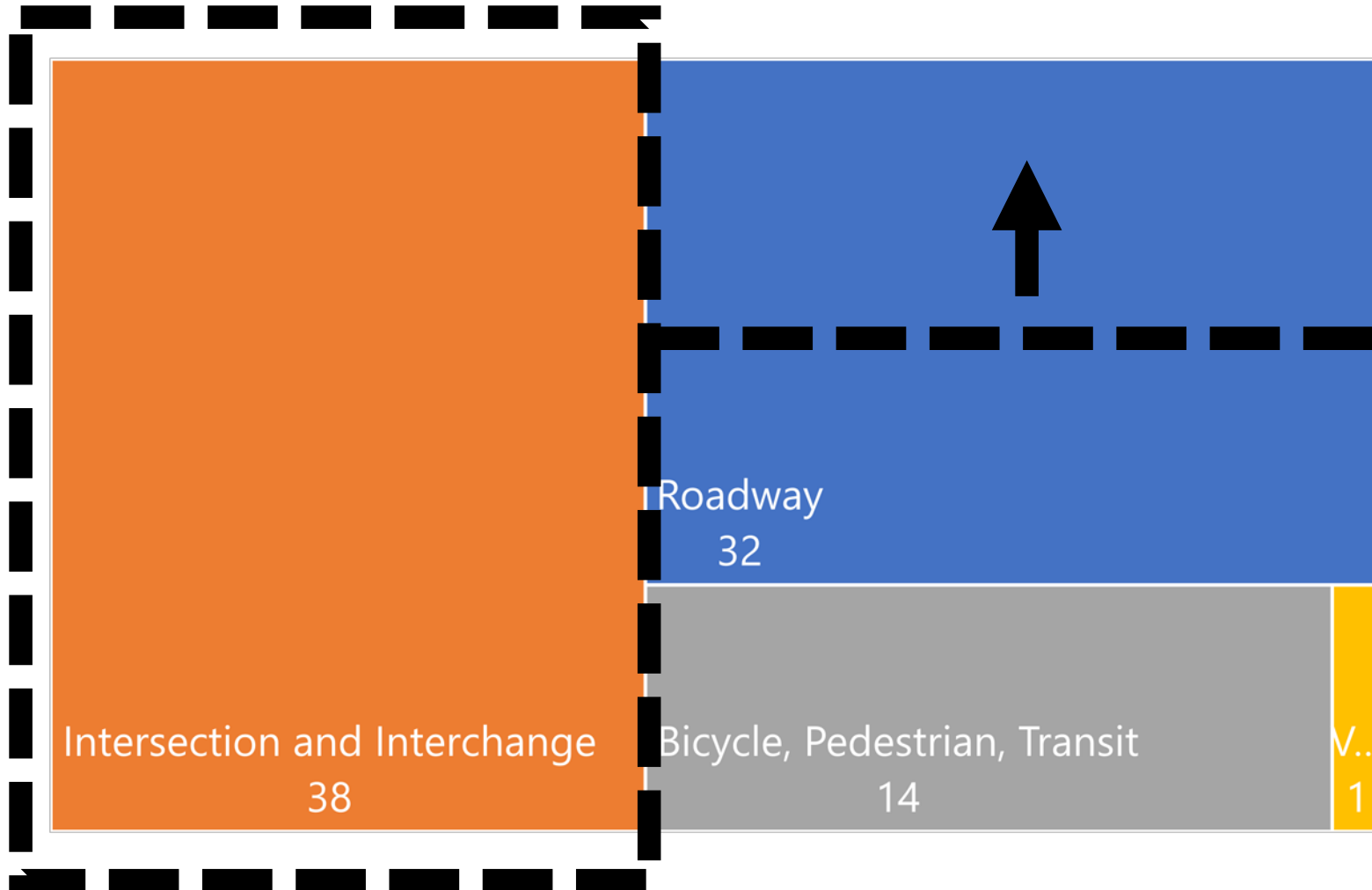


Legend: “MTP 2045 Projects” are those projects that are currently unfunded “Fiscally constrained projects” are in the draft MTP 2045 list
Map layers can turn layers on/off

Zoom-in Map View



Draft Projects Types



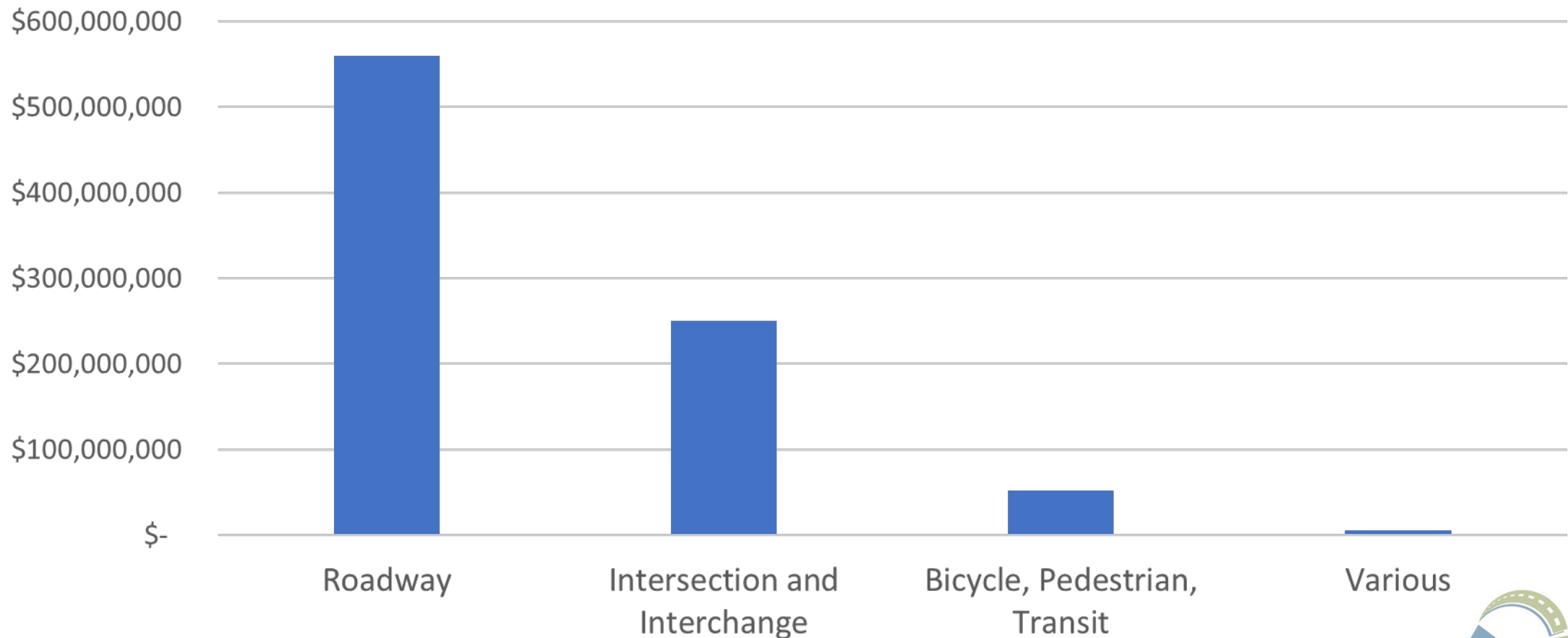
Focus on operations improvements

Half of Roadway projects are modernization (e.g. medians, turn lanes)

Bicycle, Pedestrian, Transit include sidewalks, new buses, Park-and-Rides, and paths

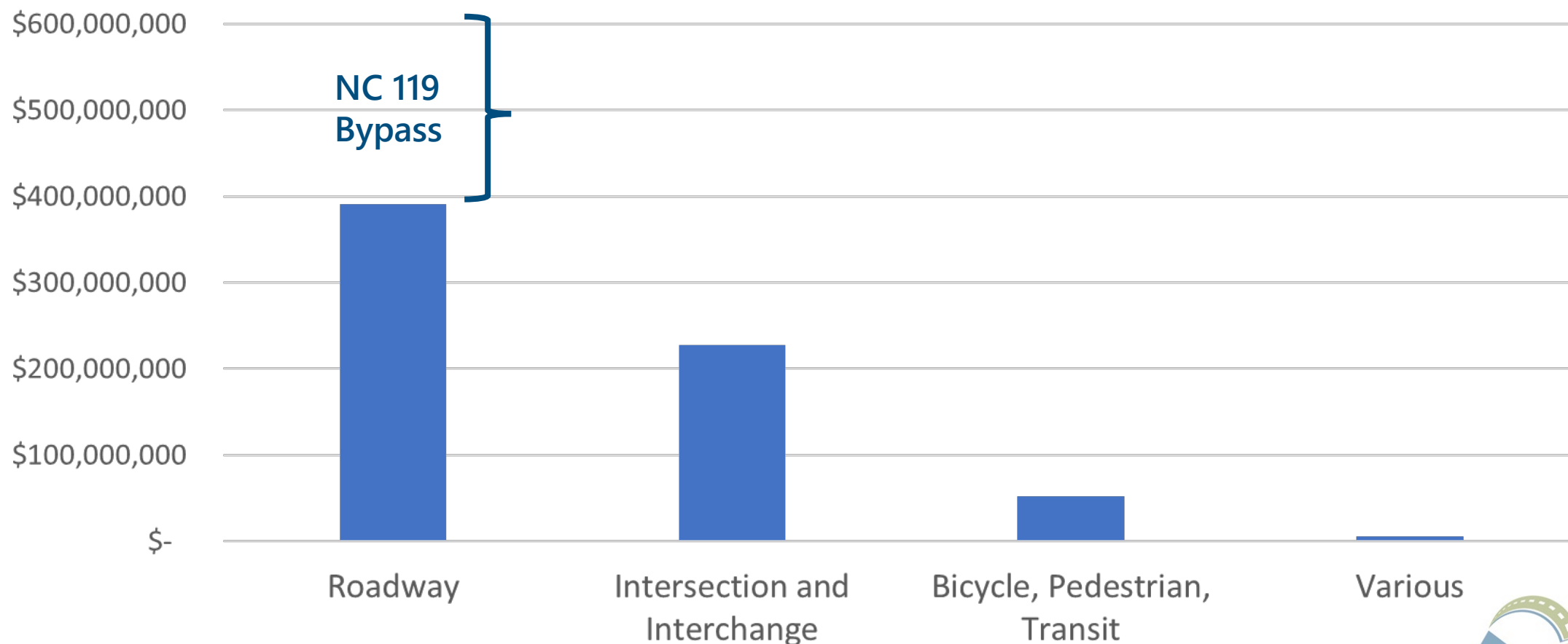
Summary of Draft Projects (2025-2045)

Including projects under construction

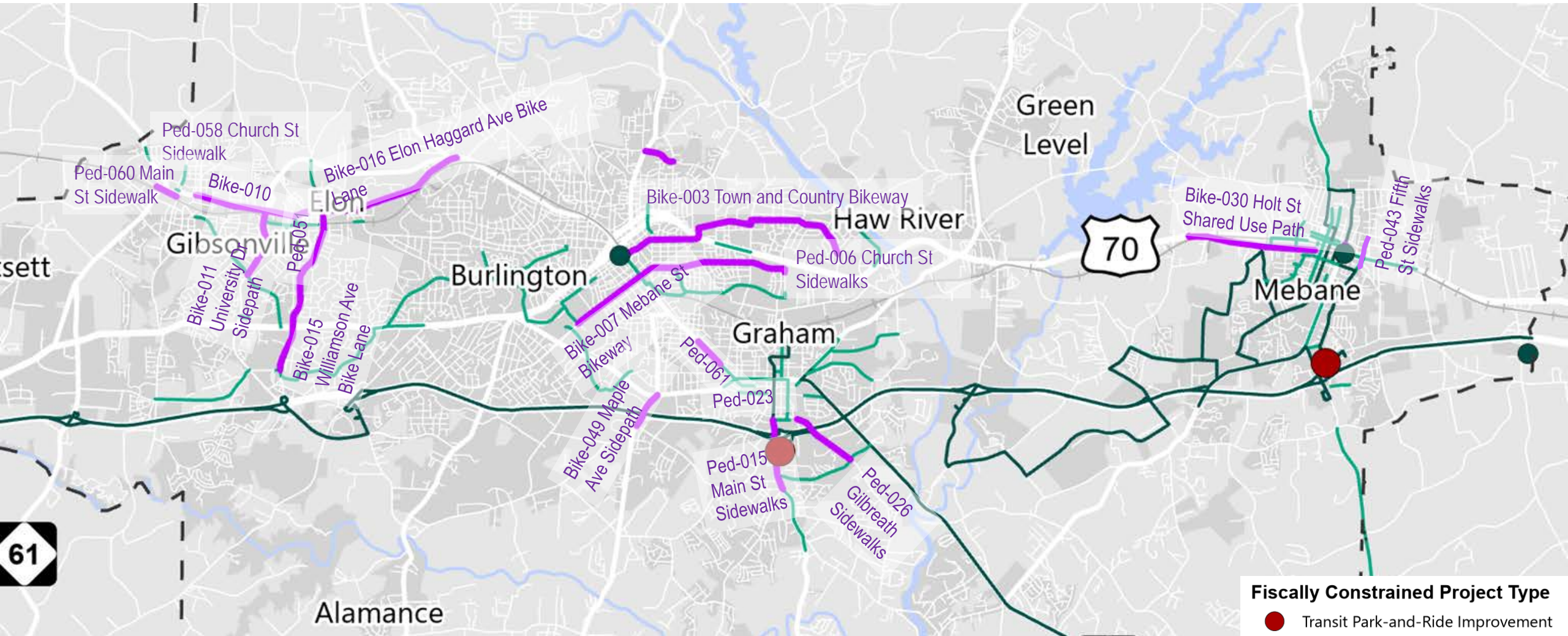


Summary of Draft Projects (2025-2045)

Excluding projects under construction



Transit, Pedestrian and Bicycle Projects



- Fiscally Constrained Project Type**
- Transit Park-and-Ride Improvement
 - Bicycle and Pedestrian
 - Unfunded (Transit)
 - Unfunded (Transit)
 - Unfunded (Bicycle and Pedestrian)

BGMPO Transit Routes Evaluated for Implementation (not part of fiscally-constrained plan)

Route Name	Estimated Annual Boardings	Est. Daily Tot. Boardings	Est. Annual Operating Cost	Estimated Capital Cost-Vehicles	Local Agency Responsible for Local Match	Overall Feasibility by 2045
PART Alamance Burlington Express (1 Hr. Peak) 4	87,192	346	978,062	630,000	Alamance County, Orange County, Guilford County	Low
ACC to Mebane Connector Option 1 ■ ●	20,412	81	48,876	160,000	City of Mebane, Alamance County	Medium
Mebane Circulator Option 1,5 ■	19,152	76	48,863	160,000	City of Mebane	Medium
Graham Circulator ■ ●	19,152	76	48,878	160,000	City of Graham	Medium-Low
Hwy 54 Graham-Carrboro Connector Route ■ ●	12,096	48	489,012	315,000	City of Graham, Town of Carrboro, others?	Low
Route ODX peak period service frequency expansion (one bus every 30 minutes instead of one bus every hour) in FY 21 10	Not evaluated for this plan	Not evaluated for this plan	169,129 additional (523,332 total)	160,000	Orange County, City of Mebane	Medium-Low
Total	158,004	627	1,782,820	1,585,000		

How can you provide input?

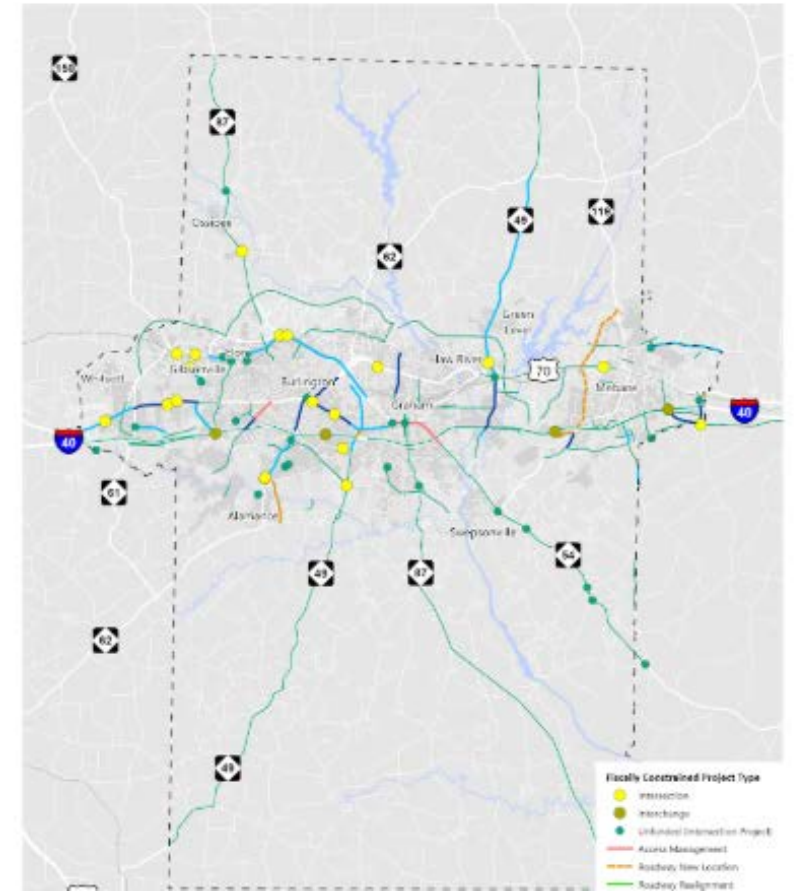
- Review the maps and list of projects
- Fill out the survey
 - <http://www.bgmpogettingthere2045.com/get-involved.asp>
- Or email Izuyeva@vhb.com with your plan comments
- Check the website for updates www.bgmpogettingthere2045.com/
- Help share the info

BGMPO MTP 2045 Draft Plan Public Input Survey

Please provide your input to help decide the transportation future of the Burlington-Graham MPO region. More information about the transportation plan can be found at <http://www.bgmpogettingthere2045.com/> and an online map of projects at <http://vhb.maps.arcgis.com/apps/webappviewer/index.html?id=8c7deac888b645c0bbe4ff705ae1a622>

* Required

Please rank your support of the recommended roadway projects (fiscally-constrained list) *



Any additional questions or comments?

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