HEPMPO - *Direction 2055*
Long-Range Transportation Plan
October 28, 2025

Kick-Off Meeting

Meeting Agenda

DIRECTION 2055

1	INTRODUCTIONS & ROLES		**5**	EVALUATE GOALS & OBJECTIVES
2	LRTP OVERVIEW & SCHEDULE		**6**	DATA COLLECTION
3	PLAN FOR PUBLIC INVOLVEMENT		**7**	HIGHLIGHTS OF LRTP TOPIC AREAS
4	PROJECT PIPELINE		**8**	NEXT STEPS

Project Team & Roles

Interstate Council (ISC)

Technical Advisory Committee (TAC)

Matt Mullenax
HEPMPO Director

Jim Frazier, PMP
Project Manager

Dan Szekeres
Deputy Project Manager

Michael Baker Team:

Fehr & Peers
Active Transportation & Safety

integrated designs, inc.
Public Involvement & Website

FOURSQUARE INTEGRATED TRANSPORTATION PLANNING
Transit

Role of Technical Advisory Committee (TAC)

- Participate in the LRTP Planning Process

- Inform Future Planning Decisions

- Ensure Consistency with State Plans & Priorities

- Leverage Data, Tools, Plans and Other Resources

- Identify Challenges & Opportunities
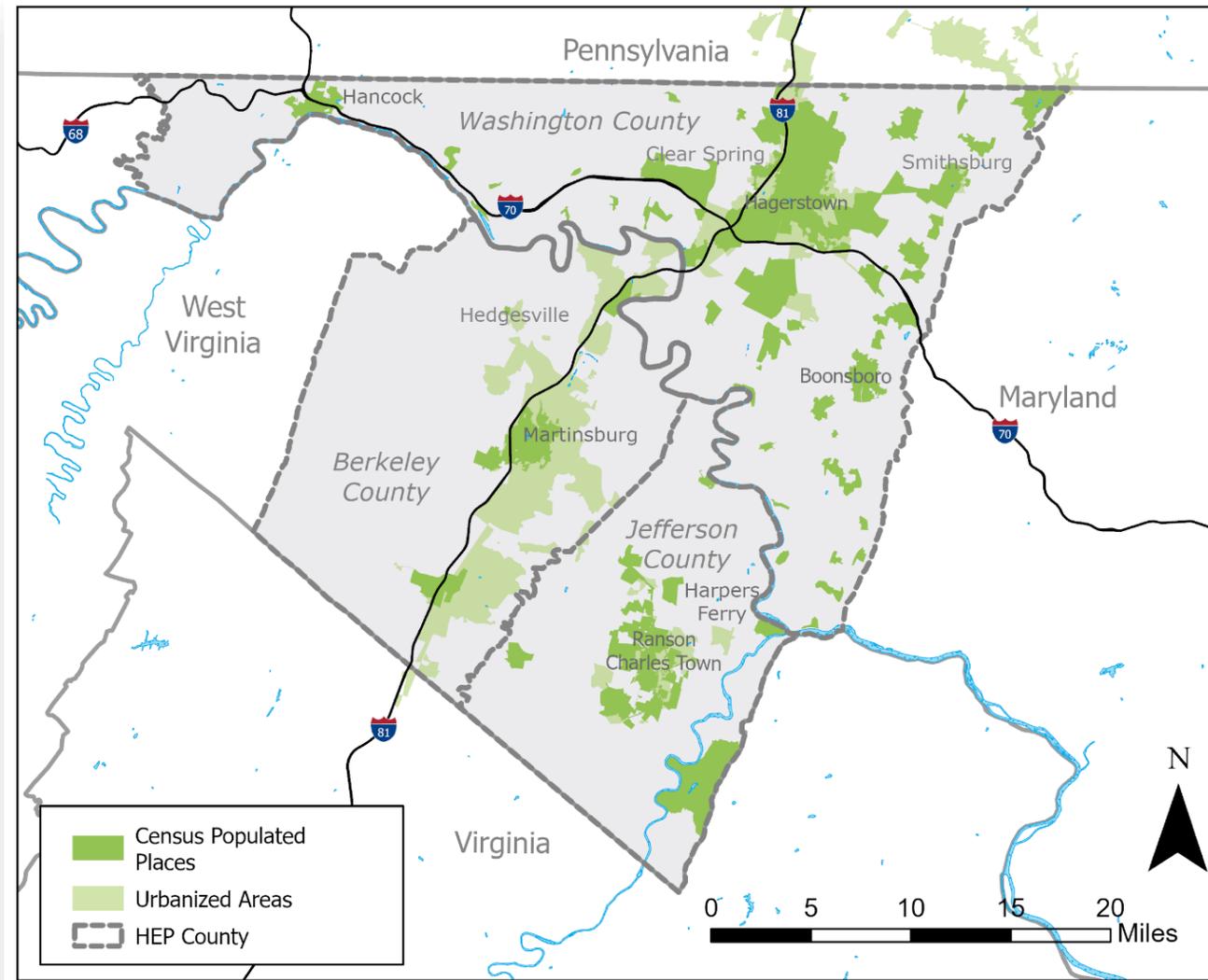
- Build Awareness

HEPMPO Planning Area

2020 Census – Urbanized Areas
- Washington County (MD)
- Jefferson County (WV)
- Berkeley County (WV)

- Planning MOUs
 - *Franklin County*
  - *Frederick County*

LRTP Overview & Schedule

Direction 2055 – LRTP Overview & Purpose

- Updated at least every five years – Next Update Due in May 2027
- Vision for regional transportation system for the next 20+ years
- Identifies critical needs and challenges
- Framework for decision-making of future transportation investments
- Financially-constrained project list
- Incorporates a proactive public participation process
- Evaluates multimodal connectivity
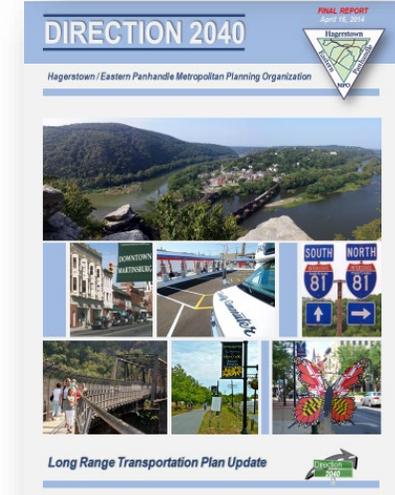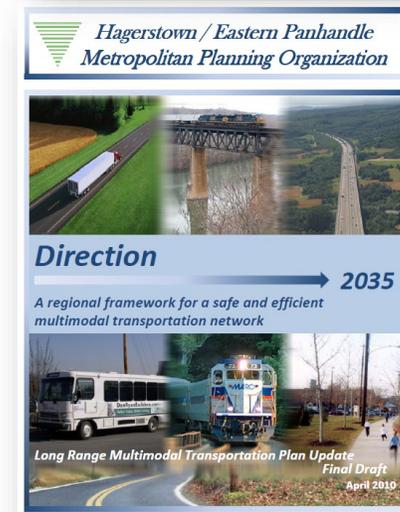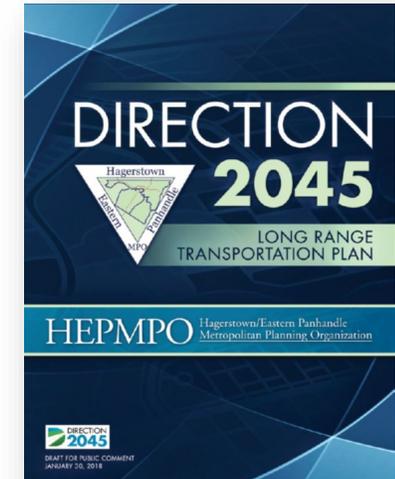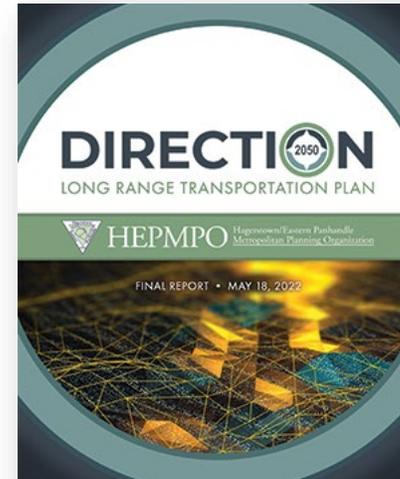
LRTP Components
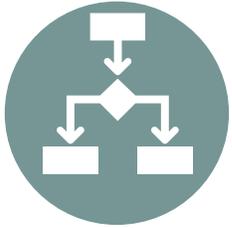
Planning Process & Regional Goals

Stakeholder & Public Involvement

Regional Needs Assessment

Community Needs Assessment
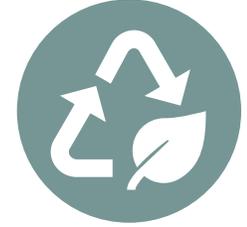
Environmental Evaluation

Identify & Prioritize Projects

Revenue Forecast
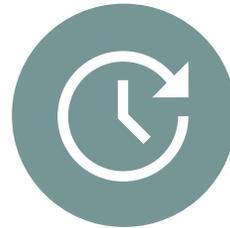
Future Trends and Technologies

HEPMPO Studies & Action Steps

Performance Measures

Products for LRTP

- LRTP Report
  - Concise and Readable
  - <100 pages
  - Graphics/Minimize Text
  - Draft and Final versions

- Executive Summary
  - Online Summary
  - Using ARCGIS StoryMap

- Data Repository
  - Tables and summary data
  - Project Mapping
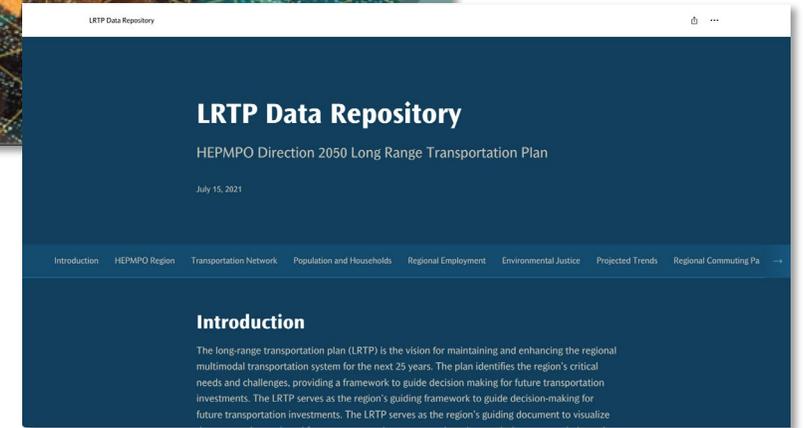
LRTP Development Schedule

FY 2026 | FY 2027

| Jul - Sept | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun |

1. HEPMPO Planning Process
2. Public Outreach & Involvement
3. Transportation & Needs Assessment
4. Multimodal Planning
5. Project Development for LRTP
6. Investment Plan
7. Project Prioritization & Fiscally Constrained Projects
8. Performance Planning
9. Preparing for the Future
10. Draft & Final LRTP Document

Coordination Meetings
TAC Meetings
Public Meetings
Intercept Surveys

Final HEPMPO LRTP Plan May 2027

HEPMPO Long Range Transportation Plan

Poll Question 1

What do you think is the most important role of the LRTP?

a. Create a transportation framework & vision for the region
b. Set goals and objectives to guide decisions
c. Identify key needs and issues
d. Provide MPO actions to better identify/address regional needs
e. Identify transportation projects
f. Evaluate funding constraints and scenarios
g. Public engagement
h. Improve multimodal connectivity
i. **Other**

Plan for Public Involvement

Planned Outreach and Summaries

- ISC & TAC Meetings

- 6 Public Meetings
  - Virtual or Open-House style
  - 2 in each of the counties

- Intercept Survey
  - For Title VI Outreach targeting underserved communities

- Public Input Report
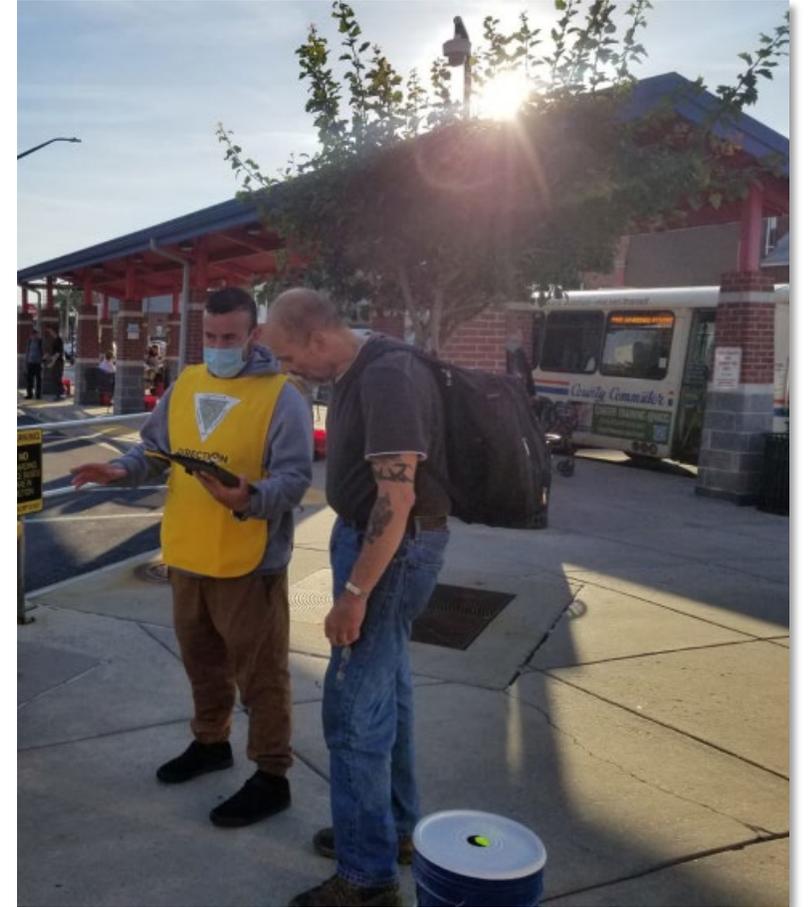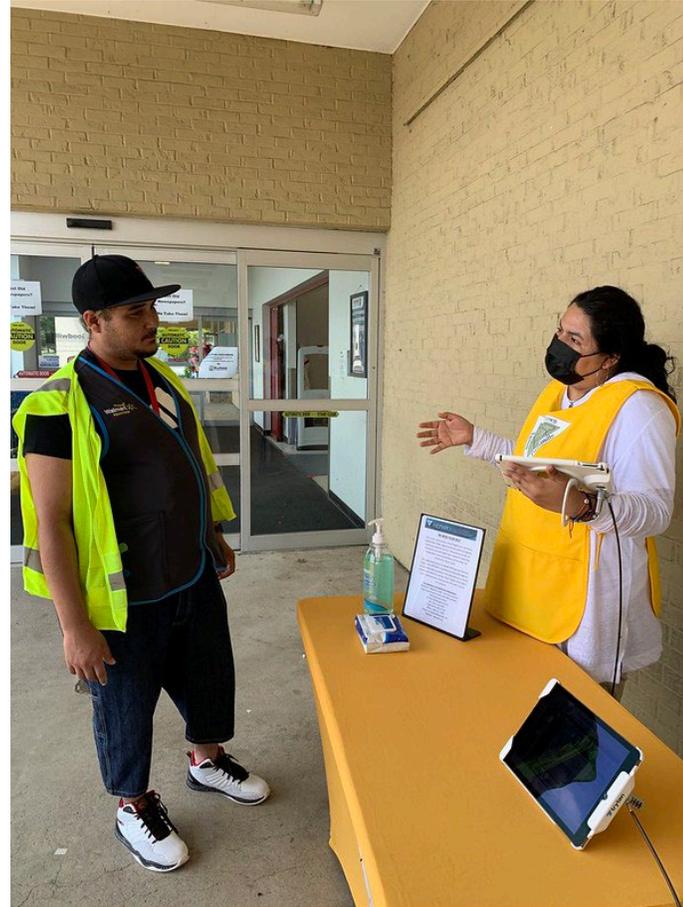
Digital Engagement

- HEPMPO [LRTP Website](https://hepmpodirection2050.com/)

- Direction2055 Webpage
(*Under Development*)

- MetroQuest Survey
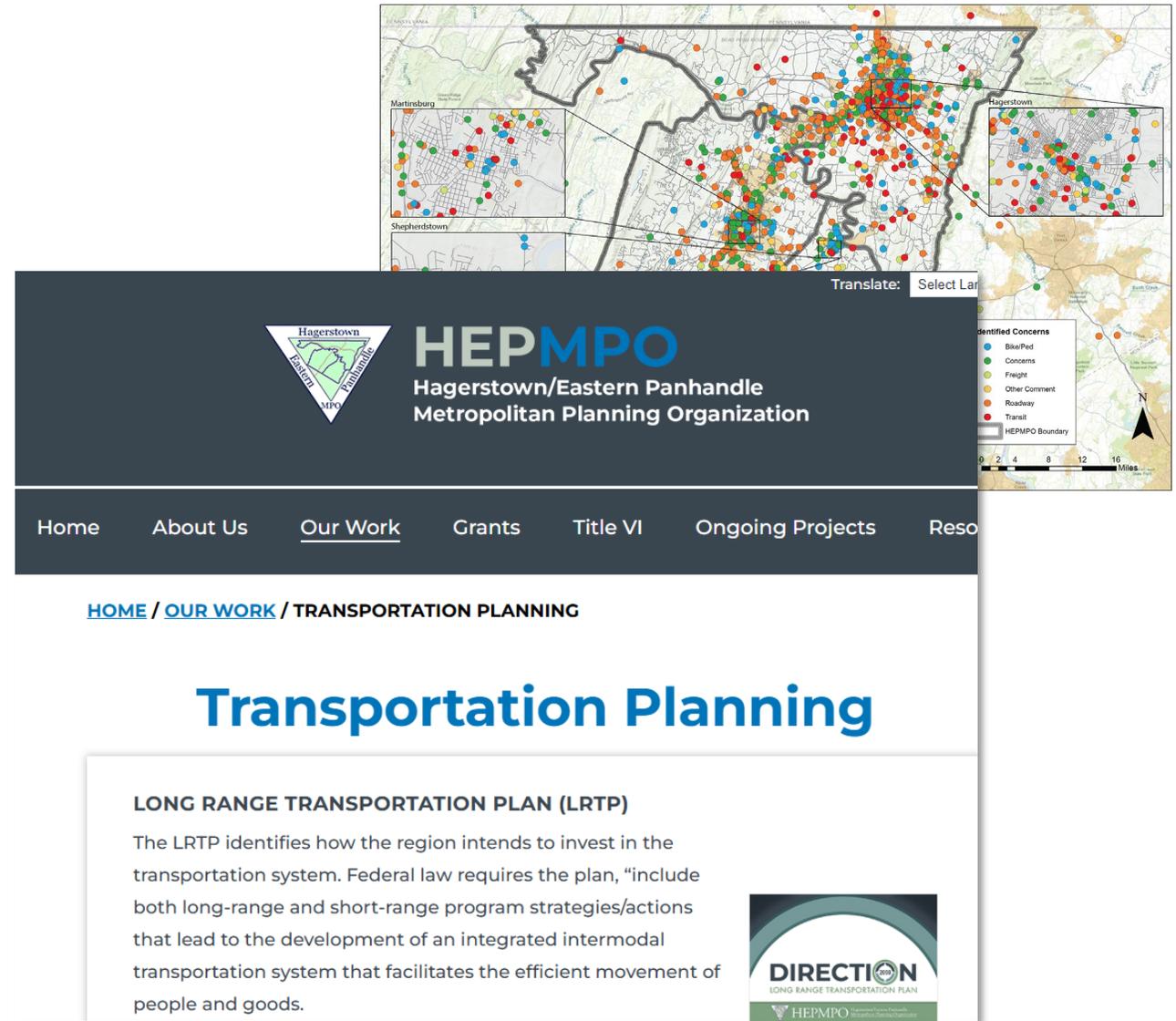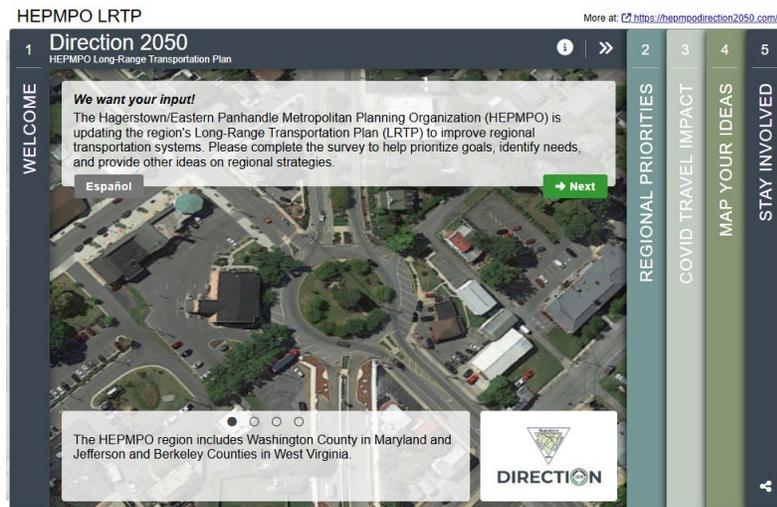
What Did [Last LRTP Survey](#) Include?

- Rank LRTP goal areas
- Questions on:
  - Commute patterns
  - Working at home
  - Traffic congestion
- Collection of map comments on needs/issues
- Demographic info of respondent
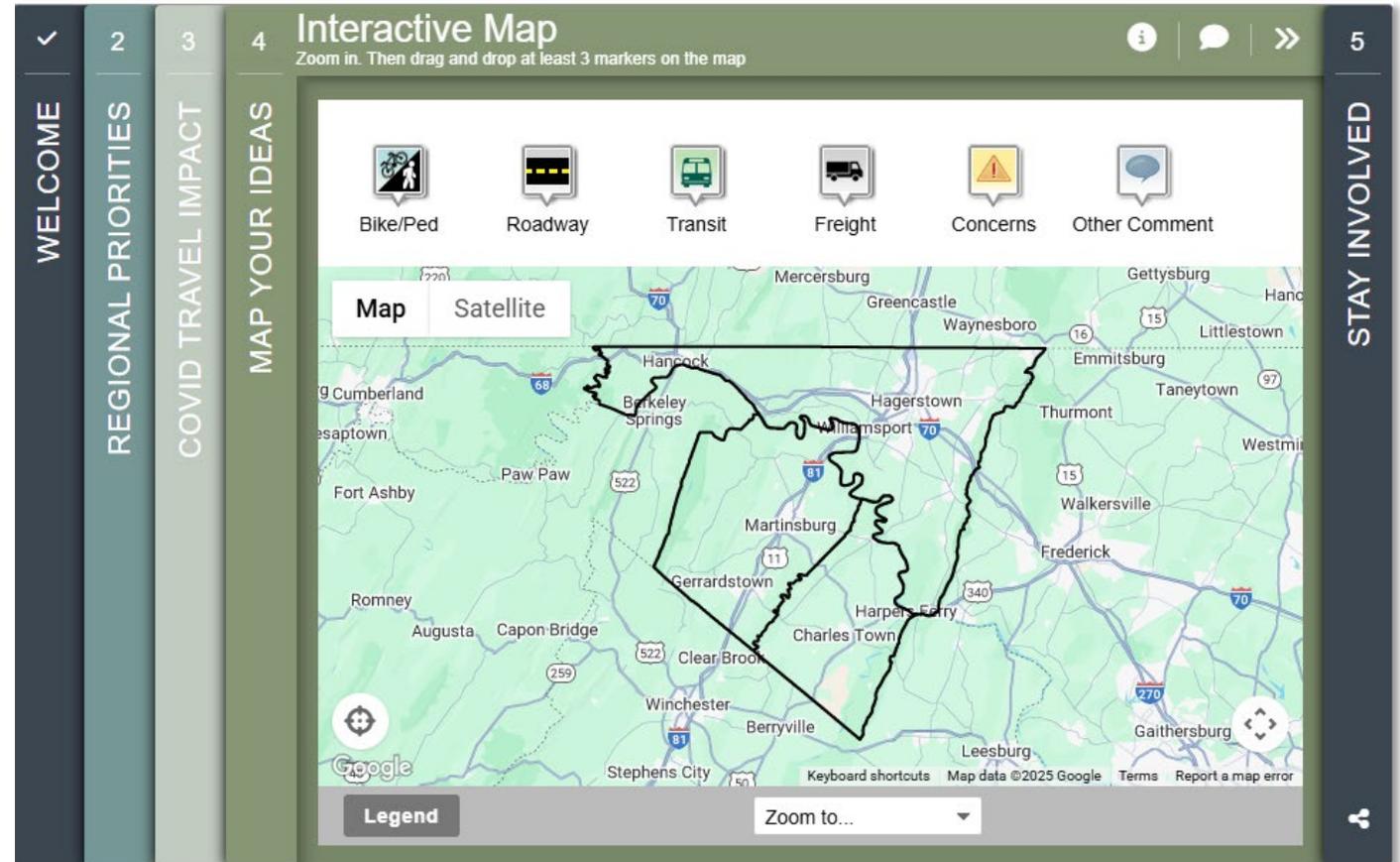
Discussion Topic ❓

What Ideas Do you Have on Engagement Practices or Methods?

For example:

- *Locations for intercept surveys*
- *Questions to focus on for MetroQuest*
- *Other ways to engage public*
- *Your successful methods for engagement*

Project Pipeline

Focus of LRTP Project List

- The LRTP includes the fiscal constraint evaluation for **highway system expansion** (includes capital expansion and operational improvement funding)

- LRTP also identifies key initiatives in system preservation, active transportation, transit, and safety. These projects often stem from local plans and stakeholder input, reflecting a multimodal approach to regional mobility.

Where Do LRTP Projects Come From?

- Projects included in the previous LRTP
- Projects identified from local Capital Improvement Programs (CIP), comprehensive plans, local planning efforts, and special studies
- Statewide priorities and needs from Statewide Multimodal Transportation Plans
- Evaluation of safety concerns (e.g. safety studies, audits, other DOT evaluations)
- Potential solutions to known issues
- Deficiencies identified from travel demand modeling and congestion analysis
- Input from public engagement and outreach
- Discussions **with** stakeholders **and the TAC**

Current TIP + Past LRTP Projects

- Serves as a basis for Direction2055 LRTP development

- [Draft Mapping](#) of projects:
  - ✓TIP
  - ✓Direction2050 Fiscally-Constrained
  - ✓Direction2050 Unconstrained Needs
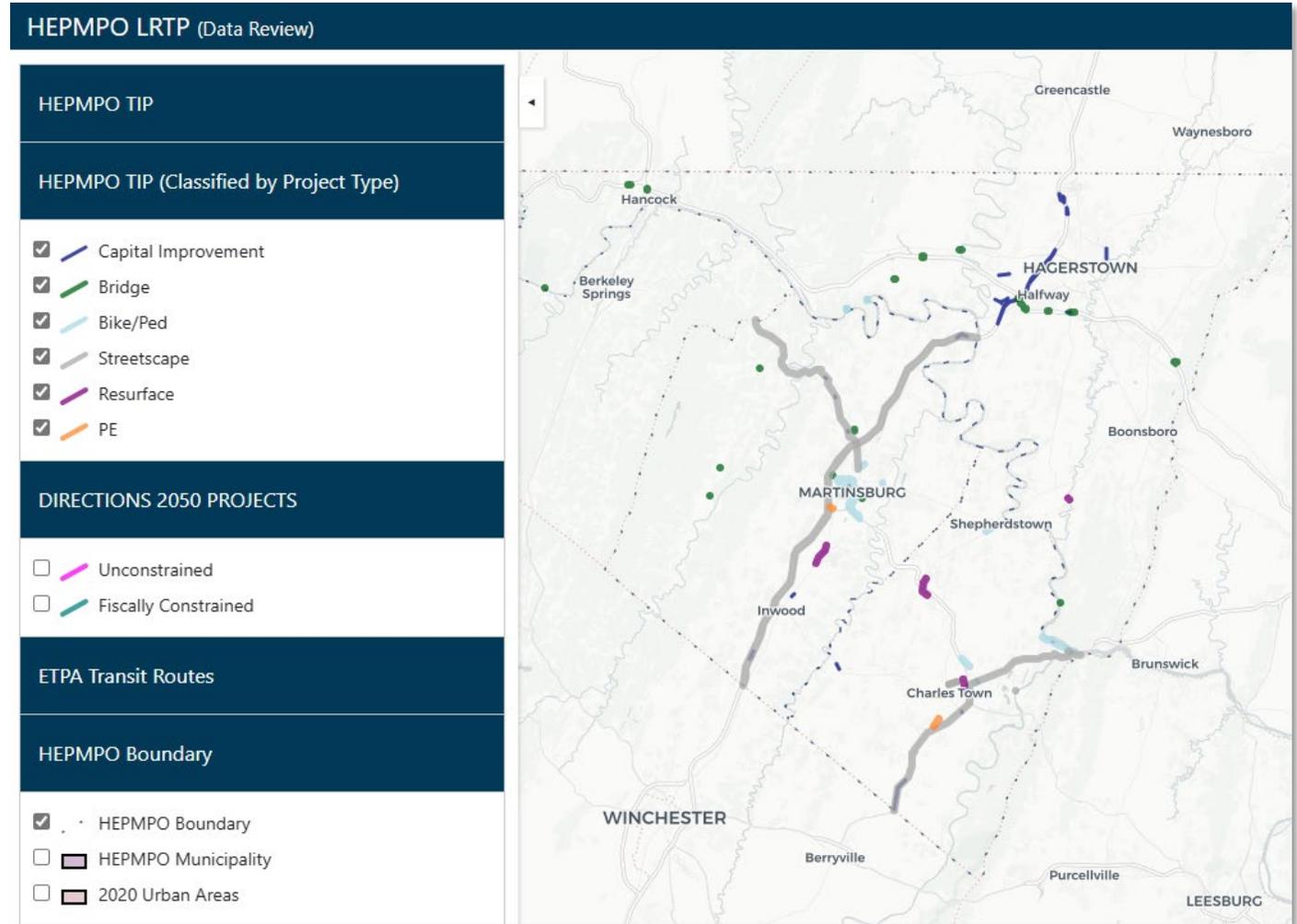
Direction 2050 Projects in the TIP

Maryland (Washington County)

County	Project Name	Recommendation	Direction 2050 Project List	Cost (TIP)
Washington	Eastern Boulevard Widening Phase II	Widen existing road to 4 lanes	Fiscal Constraint	$5,672,300
Washington	I-81 Phase 2A & 2B Highway Reconstruction	Widening to six lanes and reconstructing 6.0 miles of I-81 from North of MD63/MD68 (Lappans Road) to CSX Bridges.	Fiscal Constraint	$144,519,000
Washington	I-81 Phase 4A - Maugans Avenue	Construction of I-81 interchange improvements at Maugans Avenue	Fiscal Constraint	$3,098,000
		Total Cost		**$153,289,300**

Direction 2050 Projects in the TIP

West Virginia (Jefferson & Berkeley County)

County	Project Name	Recommendation	Project List	Cost
Jefferson	Hillside Dr Roundabout	Construct Roundabout	New	$1,560,000
Jefferson	Blair Road Realignment	Hazard Elimination	New	$2,850,000
Total Cost				$4,410,000

County	Project Name	Recommendation	Project List	Cost
Berkeley	Race & Raleigh Intersection Improvement	Intersection Improvement	Fiscal Constraint	$1,300,000
Berkeley	US 11@ Hatchery RD Improvements	Turn Lane, Bridge Replacement, Signal	New	$2,675,000
Berkeley	I-81 Welcome Centers & Overnight Truck Parking	Welcome Center and Truck Parking Upgrades	New	$19,200,000
Berkeley	WV 9 Ridge Rd Roundabout	Construct Roundabout	New	$7,350,000
Berkeley	WV CO 1 Roundabout + 1	Construct Roundabout	New	$10,900,000
Total Cost				$41,425,000

Poll Question 2

What do you think is the primary focus for this LRTP update?

a. Focus on identifying ways to get existing projects implemented

b. Coordinate with counties and local planning staff on new projects

c. Ask public for their project ideas

d. Re-prioritize the transportation projects

e. Other

Evaluate Goals & Objectives

Defining Goals & Objectives

- **Purpose**
  - Define LRTP vision and guide decision-making
  - Align with regional priorities & stakeholder input

- **Federal Alignment**
  - Address the 10 Federal Planning Factors
  - Support performance-based planning and investment strategies

- **Planning Role**
  - Framework for needs assessment, project prioritization, and performance measures
  - Ensures LRTP meets FHWA/FTA requirements and supports funding eligibility

Goals
Expands on the Vision Statement in seven areas of emphasis

Objectives
Defines focused elements of the Goals

Performance Measures
Tracks progress in achieving the Objectives and Targets

Strategies and Policies
Details an approach to meet the Performance Measures

National Goals & Planning Factors

FHWA National Goals

1. Safety

2. Infrastructure Condition

3. Congestion Reduction

4. System Reliability

5. Freight Movement and Economic Vitality

6. Environmental Sustainability

7. Reduced Project Delivery Delays

Federal Planning Factors
Support the **economic vitality** of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency
Increase the **safety** of the transportation system for motorized and non-motorized users
Increase the **security** of the transportation system for motorized and non-motorized users
Increase **accessibility and mobility** of people and freight
Protect and enhance the **environment**, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and **economic development** patterns
Enhance the integration and connectivity of the transportation system, **across and between modes**, for people and freight
Promote efficient **system management and operation**
Emphasize the **preservation** of the existing transportation system
Improve the **resiliency and reliability** of the transportation system and reduce or mitigate stormwater impacts of surface transportation
Enhance **travel and tourism**

Relationship to State Goals

Direction 2050 Goals	West Virginia Goals	Maryland Goals
System Preservation	System Condition, Efficiency, & Fiscal Sustainability; Safety & Security for All Users; Multimodal Mobility, Reliability, & Accessibility	Enhance Safety and Security; Deliver System Quality; Serve Communities & Support the Economy
Traffic Congestion	System Condition, Efficiency, & Fiscal Sustainability; Multimodal Mobility, Reliability, & Accessibility;	Deliver System Quality; Serve Communities & Support the Economy
Multimodal Transportation	Economic Vitality & Freight Movement; Multimodal Mobility, Reliability, & Accessibility;	Enhance Safety and Security; Deliver System Quality; Serve Communities & Support the Economy
Economic Prosperity	System Condition, Efficiency, & Fiscal Sustainability; Economic Vitality & Freight Movement;	Deliver System Quality; Serve Communities & Support the Economy
Land Use	Economic Vitality & Freight Movement; Livable & Healthy Communities;	Deliver System Quality
Environment	Livable & Healthy Communities	Promote Environmental Stewardship
Roadway Safety	System Condition, Efficiency, & Fiscal Sustainability; Safety & Security for All Users	Enhance Safety and Security; Deliver System Quality

Review of *Direction 2050* Goals & Objectives

System Preservation: Improve the efficiency and quality of the transportation network through proactive planning, technology, and maintenance.	Maximize useful life of assets through prioritized infrastructure repair and maintenance.
	Ensure safe travel along the region's multimodal transportation system through a properly preserved system.

Traffic Congestion: Improve the reliability of the transportation system and promote efficient system management and operations.	Reduce traffic congestion on primary travel corridors within the region.
	Maintain reliability and performance for freight, transit, bike and pedestrian modes of travel.
	Integrate technologies, techniques, and programs to maximize the efficiency of the existing system.

Multimodal Transportation: Encourage alternative modes of transportation through multimodal network improvements and innovative marketing strategies.	Improve and enhance regional and long-distance transit usage and coverage within the region.
	Improve and enhance bicycle and pedestrian facilities within the region.

Review of *Direction 2050* Goals & Objectives

Economic Prosperity: Improve access to social and economic opportunities.	Provide safe, reliable, and affordable connections to employment, education, healthcare, and other essential services.
	Provide for the efficient movement of goods by rail and truck and improve connections to global markets.
	Enhance travel and tourism connectivity to regionally and nationally significant resources.
Land Use : Align local planning efforts with regional transportation initiatives and promote smart growth practices.	Incorporate and coordinate transportation improvements with existing and planned future land uses to minimize infrastructure costs.

Review of *Direction 2050* Goals & Objectives

Environment: Minimize the impacts of the transportation network on the environment and increase the resiliency of transportation assets.	Improve air quality through the reduction of emissions.
	Increase system resiliency to existing and future climate and extreme weather impacts.
	Promote coordination of planning to avoid disturbance of sensitive natural areas and historical properties while minimizing transportation impacts on neighborhoods.

| Roadway Safety:

Promote a safe and secure regional transportation network that will reduce traffic incidents, fatalities, and serious injuries. | Reduce injuries and fatalities along the region's multimodal transportation system. |
| | Improve the security of the transportation system's users through the coordination of agencies, responders, and departments (transportation and non-transportation). |

Discussion Topic ❓

Should updates be made to the HEPMPO Goals and Objectives?
How might local, state, federal initiatives affect our goals?

Provide Ideas in the Chat Box or Follow Up with HEPMPO in near future.

Poll Question 3

Rank the goal category most important to you or your agency?

1. System Preservation

2. System Mobility

3. Multimodal Transportation

4. Economic Prosperity

5. Land Use and Transportation Integration

6. Environmental Stewardship

7. Safety and Security

Data Collection

Examples of Data Used in LRTP

Land Use

- **Zoning**
- Bike/Pedestrian Facilities
- Intermodal Facilities
- Truck Parking
- **Recently Completed or Ongoing Developments**
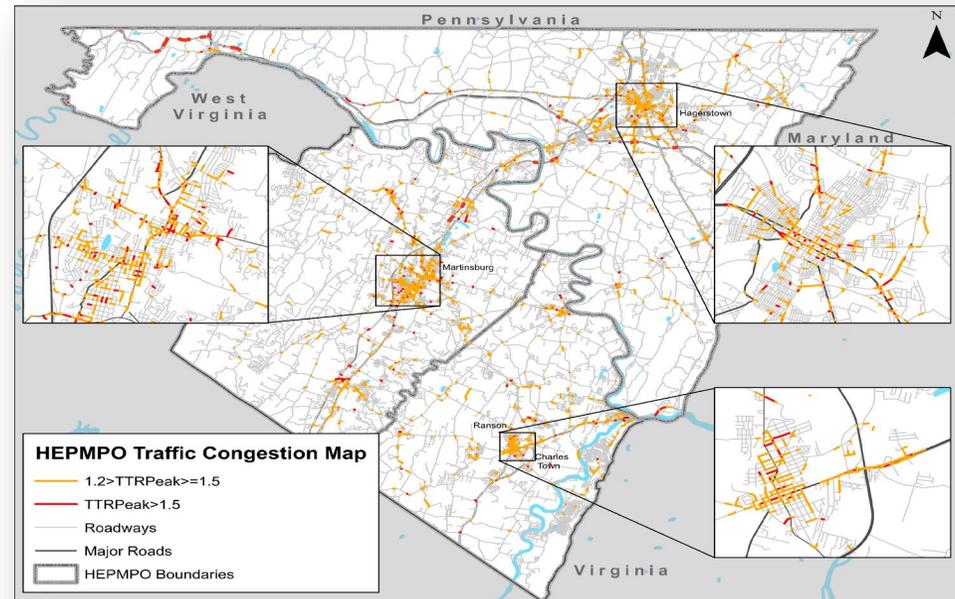- **Planned Developments**

Transportation

- Traffic Congestion
- Crash
- Pavement & Bridge Condition
- Freight Corridors
- AADT/VMT
- Trip Origin & Destinations
- Transit

Environmental

- Parks
- Flood Plains
- Hazard Mitigation
- Historical Site

Socioeconomic

- Population, Households, Employment
- Woods and Poole Forecasts
- CENSUS and LEHD

HEPMPO Traffic Congestion Map

Plans For Review – Maryland DOT

Published before Direction 2050

Published after Direction 2050

2021-2025 Maryland Strategic Highway Safety Plan (2020)	Maryland Statewide Truck Parking Study (2020)	Maryland Triennial Highway Safety Plan: Federal Fiscal Years 2024-2026	Maryland Statewide Rail Plan (2022)	Maryland State Freight Plan (2022)	MDOT MTA Draft Statewide Transit Plan (2022)
Maryland TAMP (2022)	Maryland's Climate Pollution Reduction Plan (2023)	Maryland Vulnerable Road User Safety Assessment (2023)	MDOT Pedestrian Safety Action Plan (2023)	Maryland Transportation Plan (2024)	MDOT Transportation Resilience Improvement Plan (2024)
	MDOT Bicycle and Pedestrian Master Plan (2024)	MDOT MARC Growth and Transformation Plan (2025)	MDOT Strategic Asset Management Plan (2025)	Maryland STIP: FY 2025– 2028 (2025)	

Plans For Review – West Virginia DOT

Published before Direction 2050

Published after Direction 2050

WV 45 Traffic Operations and Safety Study (2016)

West Virginia Bicycle System Plan (2017)

Novak Drive Connector Study (2018)

West Virginia State Rail Plan (2020)

2050 West Virginia Statewide LRTP (2021)

WV-51 Feasibility Study (2021)

WV-9 Planning and Environmental Linkages Study (2021)

West Virginia TAMP (2022)

West Virginia Vulnerable Road User Safety Assessment (2023)

West Virginia STIP FY 2023–2028 (2022)

2022-2026 West Virginia Strategic Highway Safety Plan (2022)

West Virginia Triennial Highway Safety Plan: FY2024–2026 (2023)

West Virginia State Freight Plan (2023)

Plans For Review – Regional
West Virginia and Maryland

HEPMPO Regional Traffic Safety Study (2019)

HEPMPO Regional Bicycle and Pedestrian Plan (2023)

HEPMPO Regional Freight Plan (2023)

HEPMPO Regional Safety Action Plan (2024)

HEPMPO Congestion Management Process (2024)

HEPMPO Public Participation Plan (2025)

HEPMPO Title VI Plan (2025)

Plans For Review – Local/County
Maryland

Published before Direction 2050

Published after Direction 2050

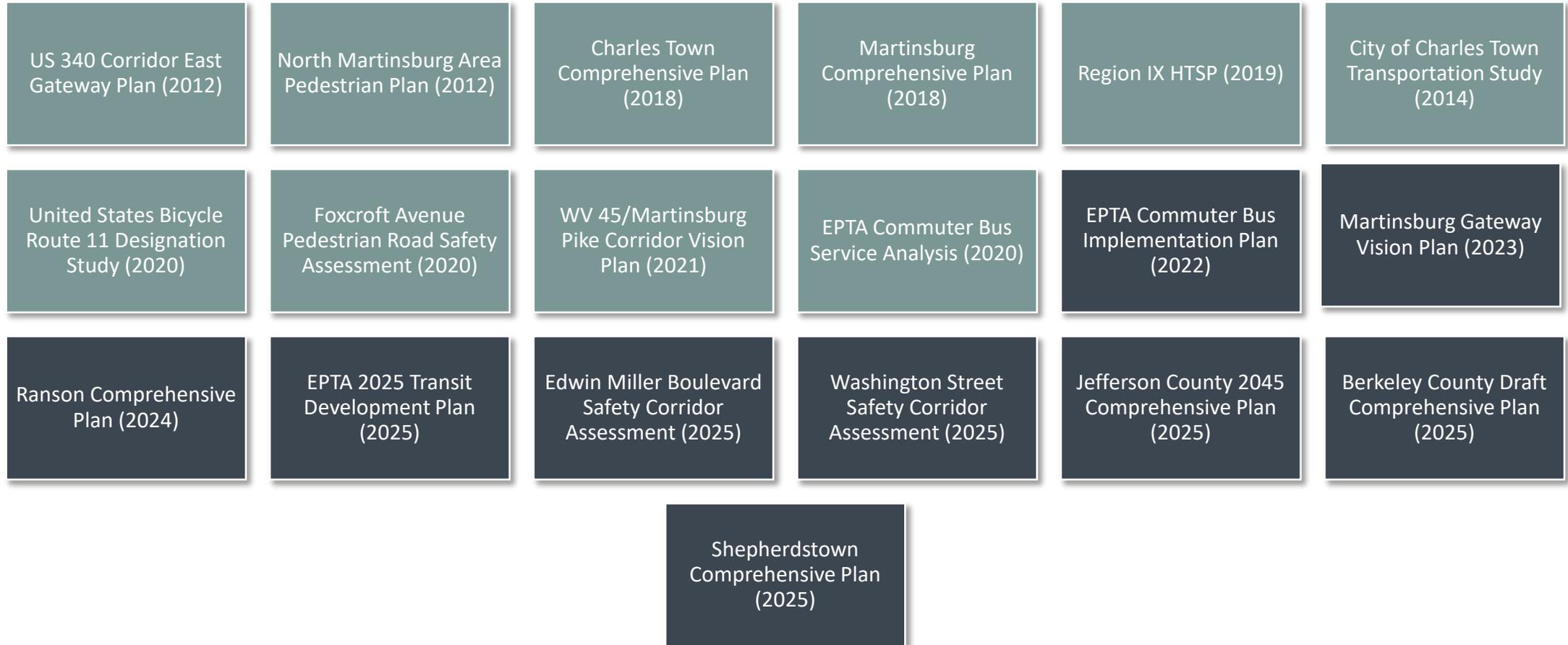|				
US 40 Dual Highway Pedestrian Road Safety Study (2015)	City of Hagerstown Bicycle Master Plan Update (2016)	Western Maryland Region HSTP (2019)	Weverton Railroad Crossing Feasibility Study (2019)	I-81 & I-70 TSMO Plan (2020)
Washington County Transit Facility Expansion Feasibility Study (2025)	Hagerstown Bicycle and Pedestrian Priority Area Plan (2020)	Hagerstown Dual Highway Speed Management Study (2022)	visionHagerstown 2035 - Comprehensive Plan Update (2022)	Washington County Transit Development Plan (2025)
	Virginia Avenue Safety Corridor Assessment (2025)	City of Hagerstown Safety Action Plan (2025)	Washington County Comprehensive Plan 2040 (2025)	

Plans For Review – Local/County
West Virginia

US 340 Corridor East Gateway Plan (2012)	North Martinsburg Area Pedestrian Plan (2012)	Charles Town Comprehensive Plan (2018)	Martinsburg Comprehensive Plan (2018)	Region IX HTSP (2019)	City of Charles Town Transportation Study (2014)
United States Bicycle Route 11 Designation Study (2020)	Foxcroft Avenue Pedestrian Road Safety Assessment (2020)	WV 45/Martinsburg Pike Corridor Vision Plan (2021)	EPTA Commuter Bus Service Analysis (2020)	EPTA Commuter Bus Implementation Plan (2022)	Martinsburg Gateway Vision Plan (2023)
Ranson Comprehensive Plan (2024)	EPTA 2025 Transit Development Plan (2025)	Edwin Miller Boulevard Safety Corridor Assessment (2025)	Washington Street Safety Corridor Assessment (2025)	Jefferson County 2045 Comprehensive Plan (2025)	Berkeley County Draft Comprehensive Plan (2025)
	Shepherdstown Comprehensive Plan (2025)				

Discussion Topic

Are there any additional plans, data, or resources we should be considering when updating the LRTP?

Provide Ideas in the Chat Box or Follow Up with HEPMPO in near future.

Highlights of LRTP Topic Areas

(How will this LRTP address these topic areas?)

HEPMPO Accomplishments

- Idea for a new section of LRTP

- Highlight recently completed (since last LRTP) transportation projects that have provided significant benefits

- May address capital investments, operational, safety, multi-modal, grant awards, etc.

- **Do you have any recommendations for projects to showcase?**

Washington County Transit Awarded $2.8 Million in Federal BUILD Grant Funding to Advance Transit Facility Design
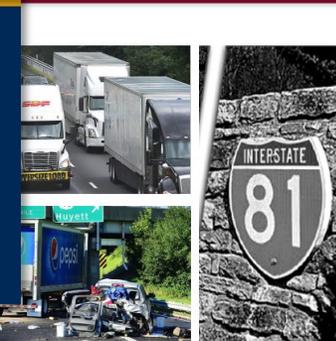
INTERSTATE 81 PHASE 2 CORRIDOR EXPANSION:

MAKING WAY FOR ECONOMIC GROWTH AND SAFETY

Grant Application

Submitted by: Maryland Department of Transportation State Highway Administration

Submitted to: U.S. Department of Transportation

MARYLAND DEPARTMENT OF TRANSPORTATION

HEPMPO Supported Grant Awards

Awarded grant projects HEPMPO has supported:

- EPTA Transit Center
- Martinsburg Greenway Trail
- WV45 Railroad Crossing Elimination Study
- WCT Facility Expansion
- City of Hagerstown SS4A Plan
- City of Martinsburg SS4A Plan

HEPMPO Sub-allocated Funded projects:

- Queen/Moler Signal Renovation
- Race & Raleigh Intersection
- Winchester & Addition RRFB
- Hagerstown Downtown Pedestrian Signals

Land Use

Will require coordination with county and local agencies

- Collect latest land use and socioeconomic data to develop historic and future trends

- Highlight major new developments (completed and planned) since last LRTP and their impact on system

- Develop housing/employment density maps

- Highlight top travel connections

- Use regional model to evaluate impacts on transportation system

Household Growth

(2020-2050)

Low — High

— US Highways

Legends

HEPMPO Top Commuting Pairs (Weekday)

☐ Zones

Top Vehicle Trip Connections in Region for Trips Staying in Region
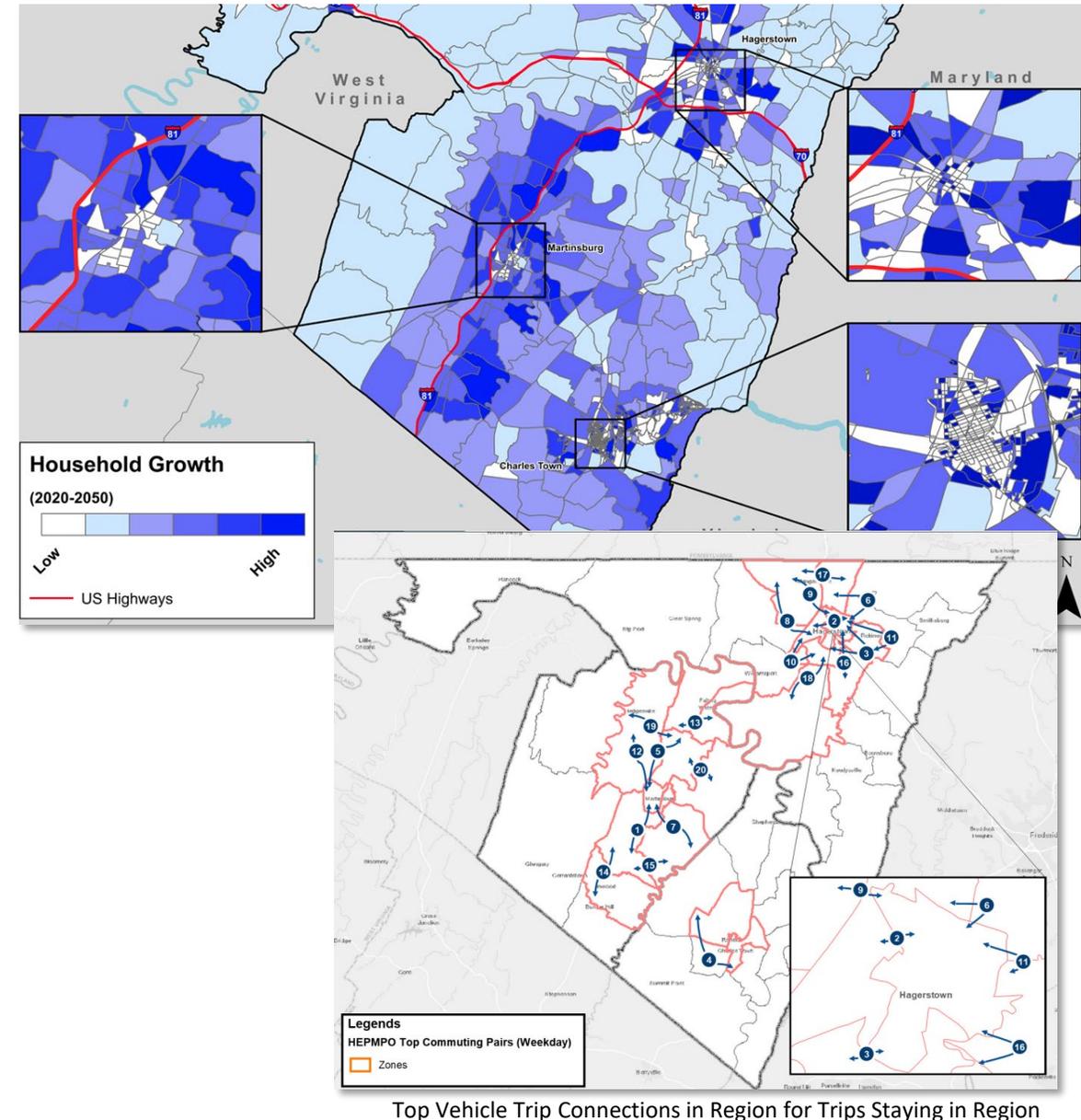
Traffic Congestion

- Integrate information from the HEPMPO 2024 Congestion Management Process (CMP)

- Update/Re-evaluate with any new information from RITIS/REPLICA travel times

- Integrate public survey comments

- Identify **key congested corridors** in region


Replica Trip Activity Map
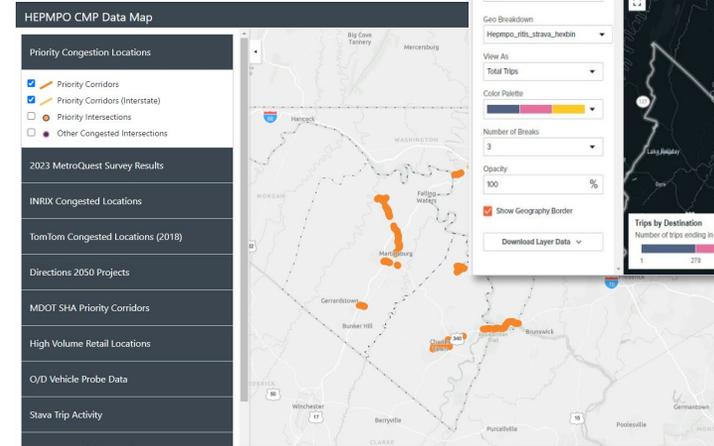
HEPMPO Interactive Data Map showing Priority Corridors
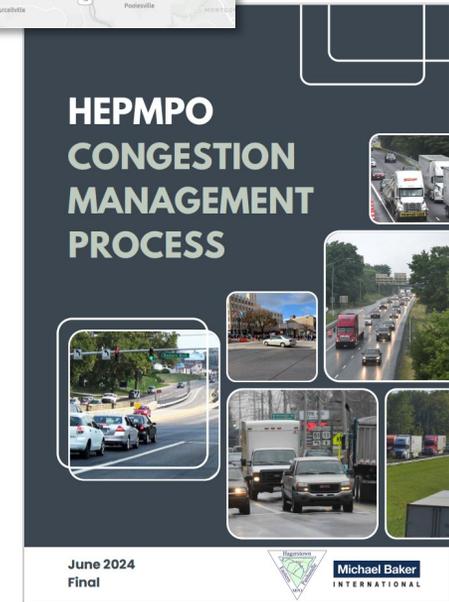
Safety

- Highlight HEPMPO's and Hagerstown's Regional Safety Action Plans and multiple safety corridor assessments

- Provide maps of HEPMPO and state priority safety corridors

- Provide framework for identifying prioritize safety strategies

- Provide case studies of successful strategy application
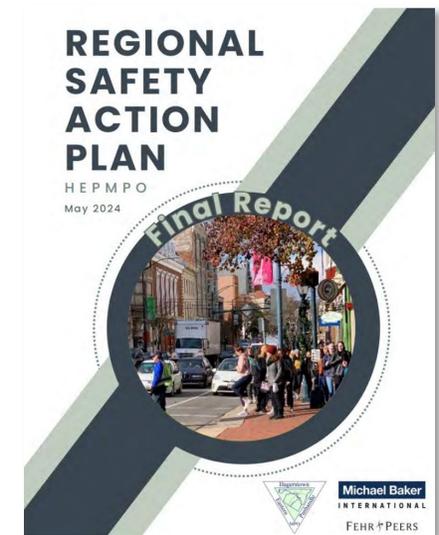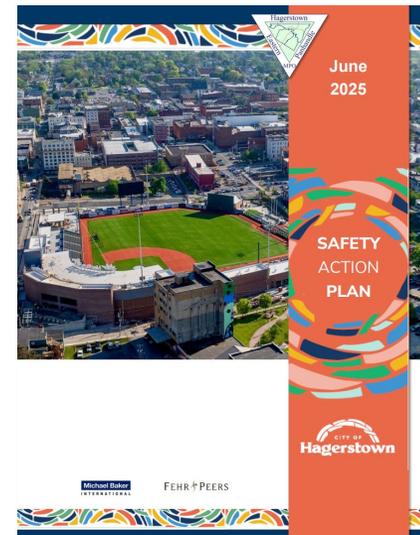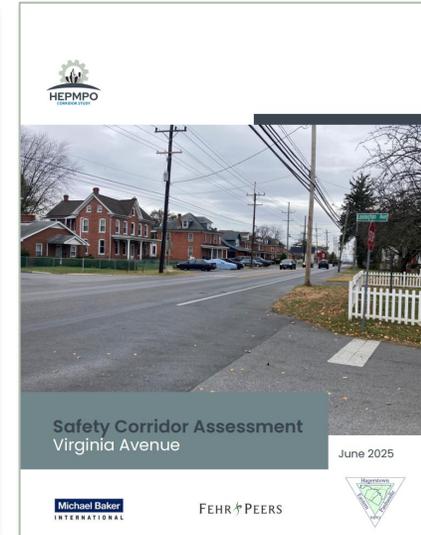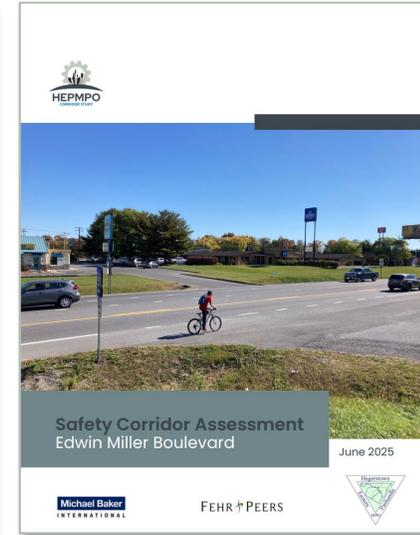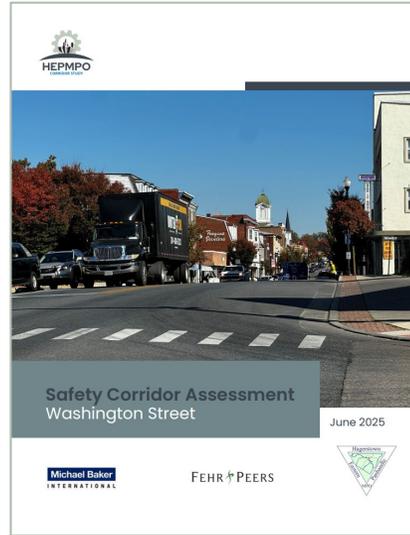
Asset Management

- Share the latest MDOT/WVDOT asset management practices and plans (make so public can understand)

- Identify key issues and needs related to asset management

- Identify major funding sources

- Linkage to the latest condition data and projects lists
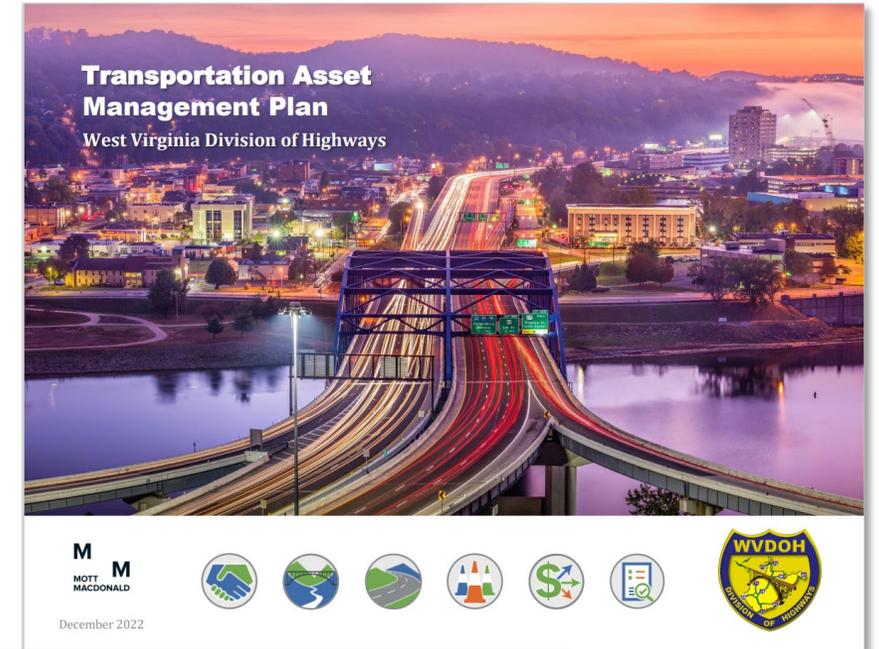
Transit

- Provide ridership trends
- Higlight gaps and capital needs from the recent TDPs and outreach conducted for this LRTP
- Highlight key strategies and projects from the TDPs
  - EPTA Transfer Center and Administration Buildings under construction
 - WCT Facilities Expansion – awarded BUILD grant
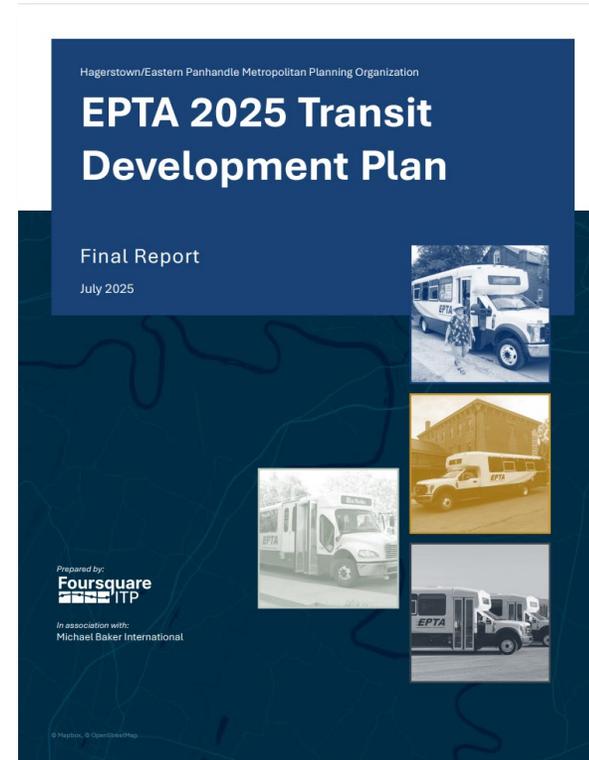
Active Transportation

- Provide map of current infrastructure to support active transportation

- Higlight gaps and needs identified in recent bike and pedestrian plans and ongoing studies at several site locations including Route 9

- Highlight key strategies and projects from the plans and public engagement
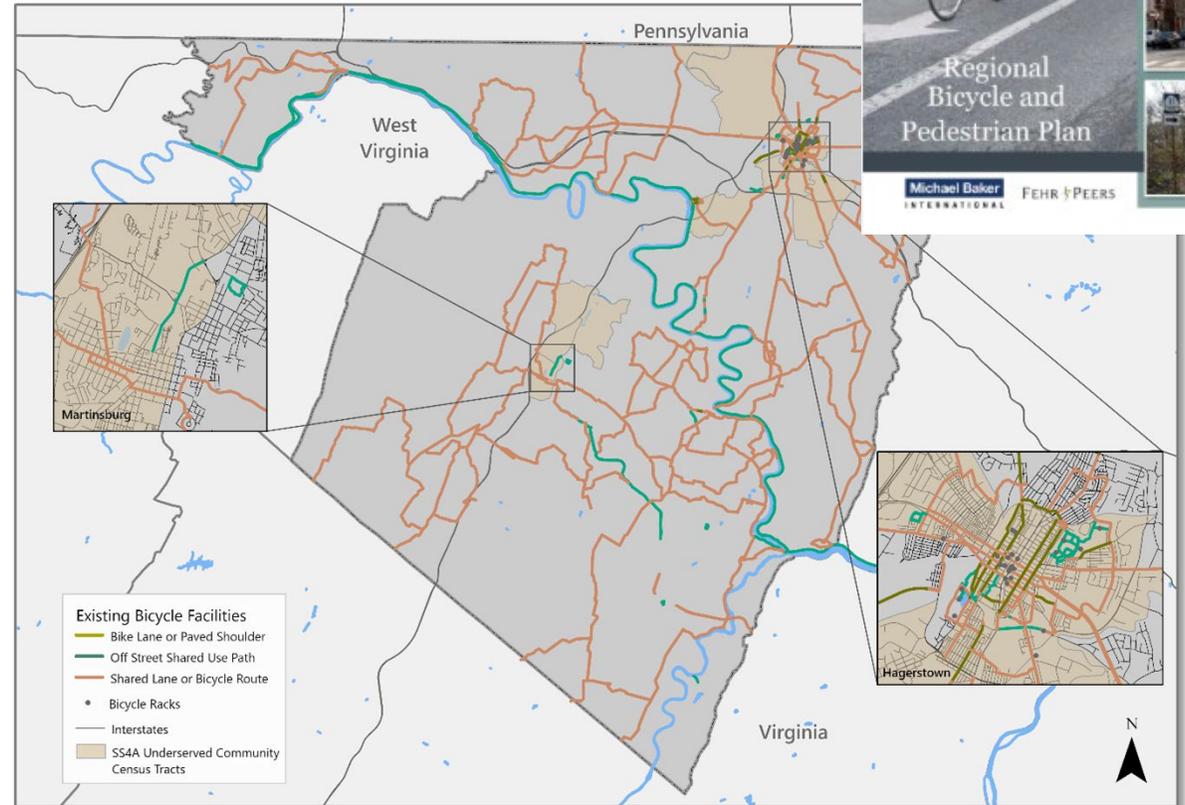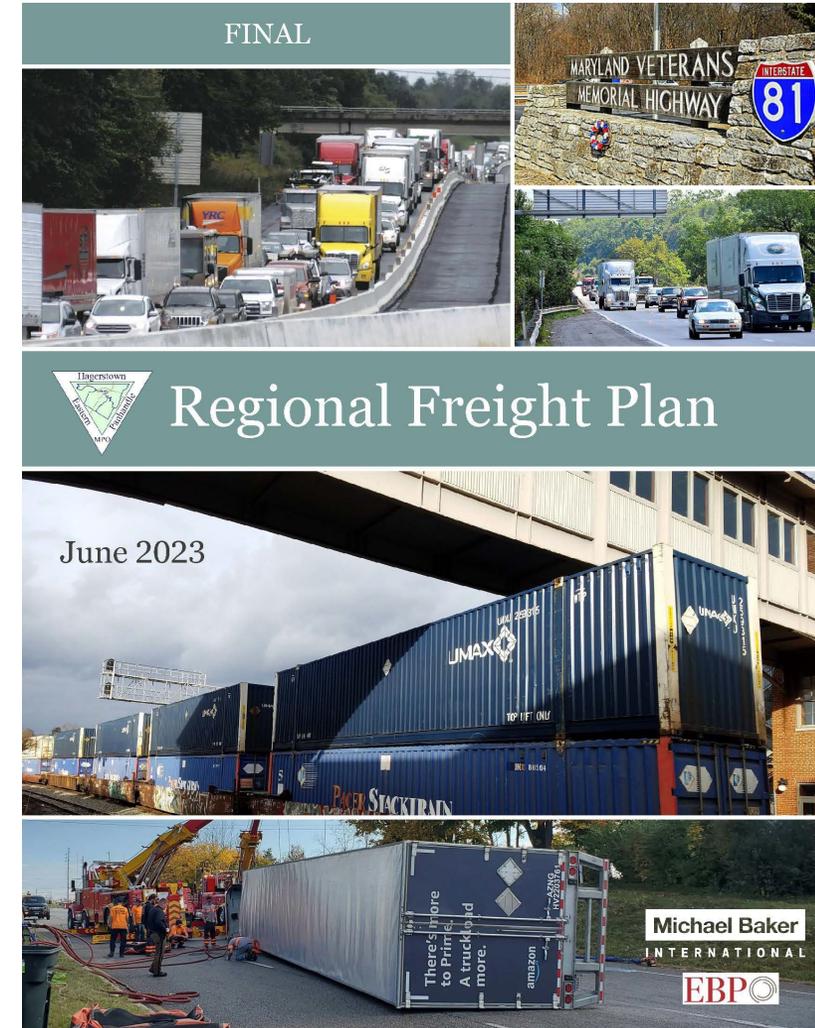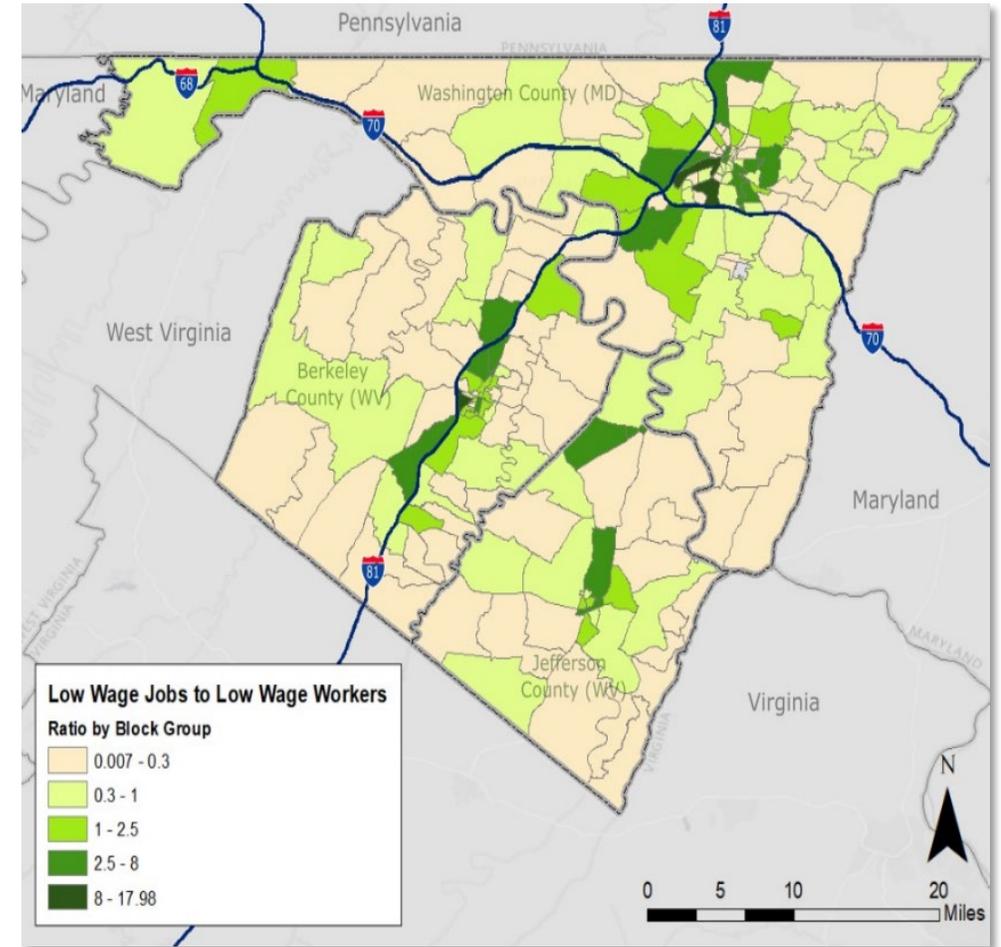

HEPMPO Regional Bicycle Network
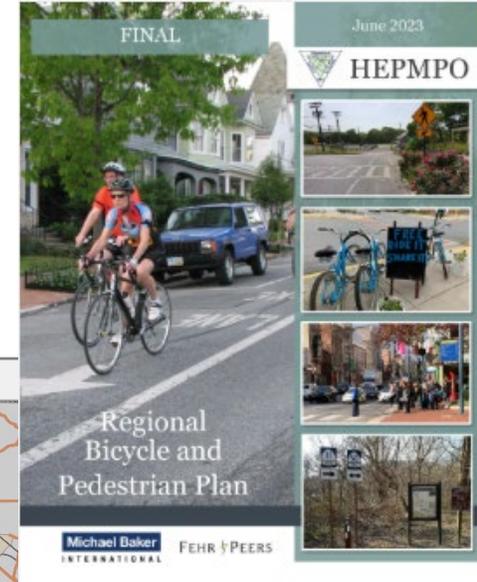
Freight

- Findings from HEPMPO's 2023 Regional Freight Plan will be incorporated into the LRTP

- New county-level data from the FHWA's Freight Analysis Framework (FAF) will be used to examine flows of goods to and from region

Community Needs Assessment

- Environmental Justice (EJ) no longer applies (Executive Order)

- Conduct broad assessment of <u>all population</u> needs identifying needs of underserved communities

- Share information from intercept surveys

- Conduct analyses using CENSUS and ACS data

- Leverage new REPLICA software

Low Wage Jobs to Low Wage Workers
Ratio by Block Group
- 0.007 - 0.3
- 0.3 - 1
- 1 - 2.5
- 2.5 - 8
- 8 - 17.98

Resiliency

- Identify historic impacts in region (e.g. flooding)

- Share DOT efforts to address transportation resiliency

- Highlight future HEPMPO resiliency study to be developed

Source: HeraldMailMedia.com
Chestnut Grove Road – Washington County (2018)

Performance Measures

- Track and report national performance measures

- Provide other trends on traffic congestion and safety.

- Develop a dashboard for website

Screen capture of HEPMPO's Performance Measures webpage

Discussion Topic ❓

What Other National / Regional / or Local Issues Should be Addressed in the LRTP?

Provide Ideas in the Chat Box

Next Steps and Project Contacts

Next Steps

Creation of LRTP Website & Outreach Survey

Evaluation of Goals – Objectives – MPO Strategies

Data Collection and Analysis Current Conditions Needs Assessment

Regional Land Use Visioning County Meetings

TAC Input and Review Needed

- TAC Insights on:
  - Goals & objectives
  - Data and studies available for evaluation
  - Public involvement activities

- Next meeting:
  - Draft public survey will be shared for review (February)
  - Review of Needs Assessment and Regional Profile

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