



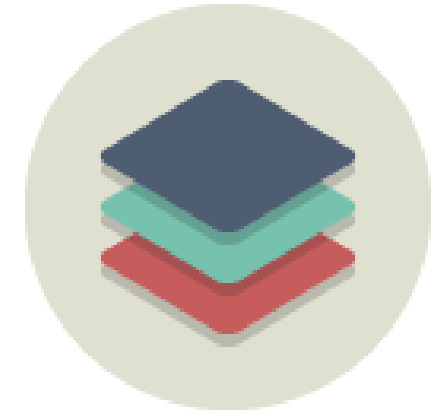
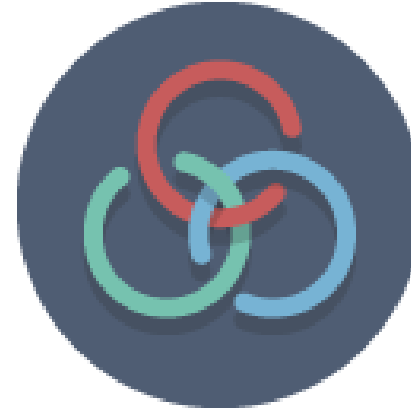
Broward MPO Metropolitan Transportation Plan (MTP)

**Regional Transportation Technical Advisory
Committee**

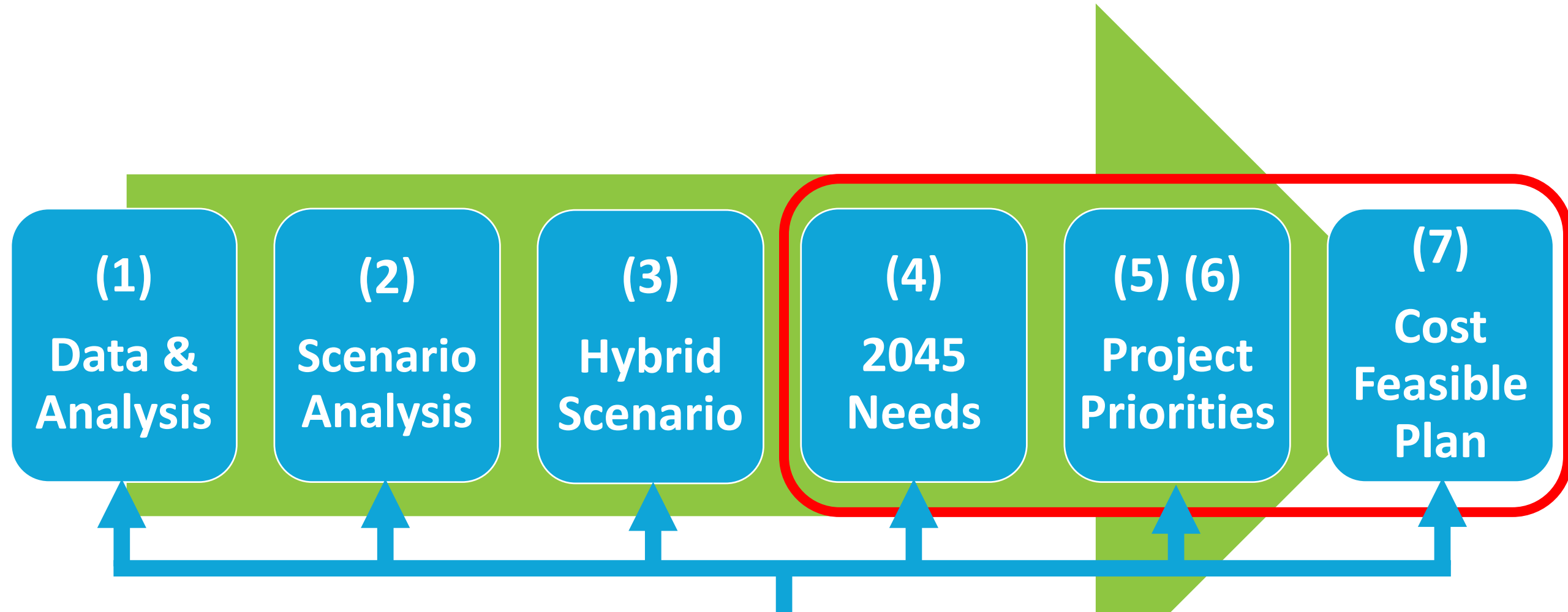
July 10, 2019

AGENDA FOR TODAY

- Plan Development Process
- Funding Programs
- 2045 Needs Assessment
- 2045 Cost Feasible Plan
- Vision 2100
- Upcoming Public Outreach



2045 MTP PLAN DEVELOPMENT PROCESS



**Ongoing Input from Public, MPO
Committees, and MPO Board**

FORMALIZING 6 FUNDING PROGRAMS



Highway



Transit



**TSM&O/
Safety**



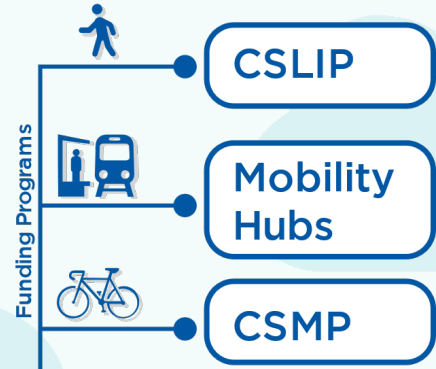
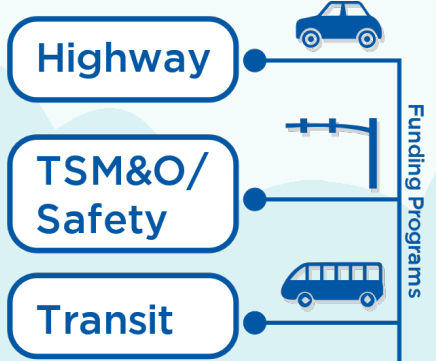
**Complete
Streets &
Localized
Initiatives**



**Complete
Streets
Master
Plan**



**Mobility
Hubs**



MPO
**2045 MTP
 Prioritization**

MPO
**Program Specific
 Prioritization**



MPO
**2045 Metropolitan
 Transportation Plan**



COMMITMENT
2045
 move people • create jobs • strengthen communities



2045 NEEDS ASSESSMENT

- Call for Projects
- Transit Vision
- Collaboration with Partners
- Scenario Planning Analysis
- Travel Demand Modeling
- MPO Team Input
- Commitment 2040



BROWARD MPO CALL FOR PROJECTS
Metropolitan Transportation Plan

COMMITMENT 2045
move people & goods • create jobs • strengthen communities

Looking for a way to fund your transportation projects?
The Broward MPO is here to help.

Start the conversation with us by providing a list with information on your program ready transportation projects to the MPO. For example:

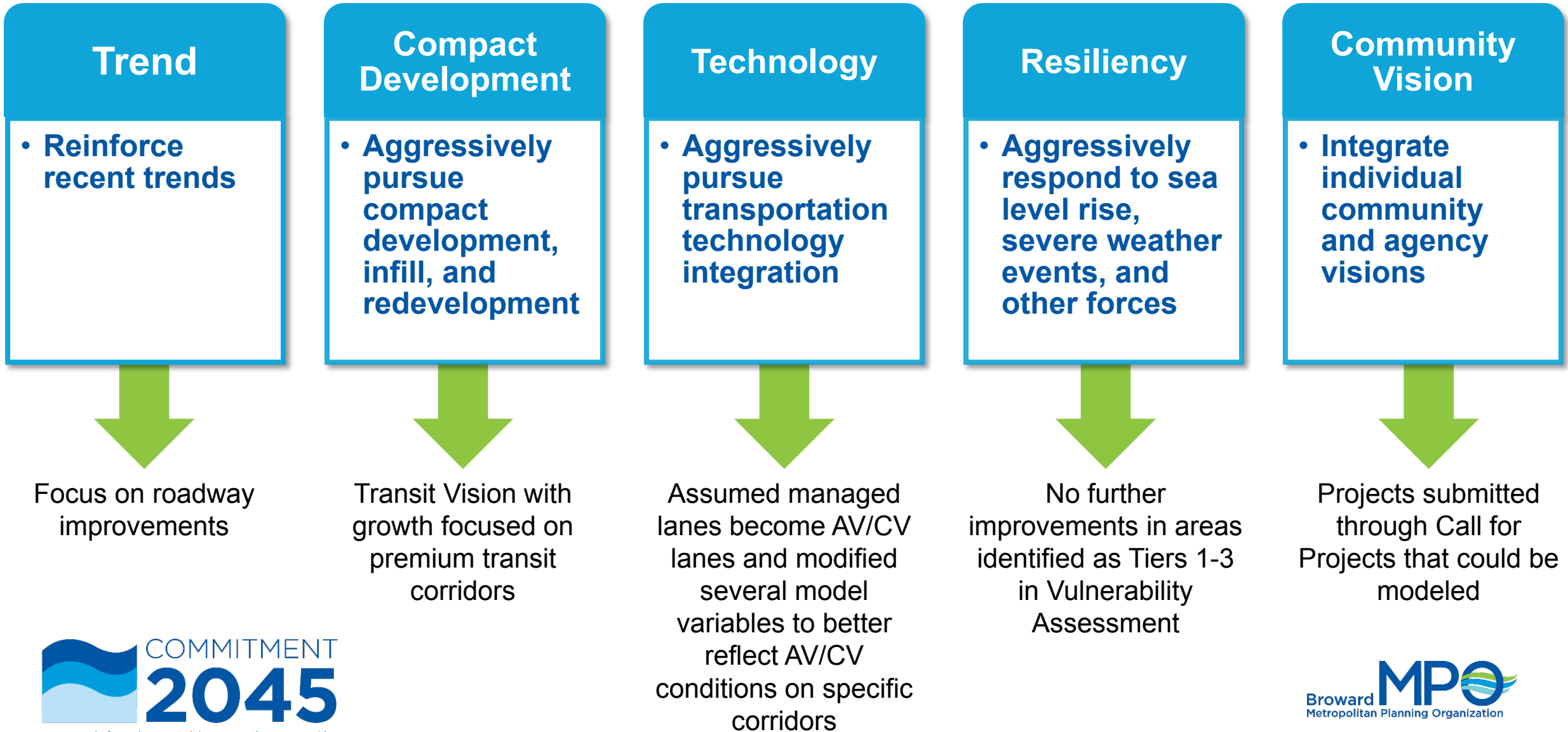
Project Name	From	To	Brief Description of Project	Project Length	Estimated Cost
Avonle St	Orange St	Orange St	Add lane for right turn	1/4 mile	\$1,000,000

What makes a project program ready?
Scope of work, Partner Collaboration, Cost Estimate, Resolution

For more information or to schedule a meeting contact: Peter Giesp
Email: giesp@browardmop.org
Call: (954) 876-0048



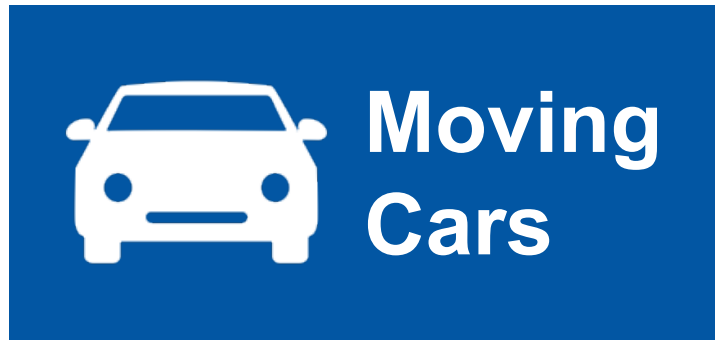
SCENARIOS



SCENARIO EVALUATION CRITERIA

Measure	Definition	Criteria
Accessibility	Providing access and circulation within higher-density, mixed-use places; tend to be shorter trips.	Number of jobs within 30-minutes travel time for cars and transit
Mobility	Providing high speed and reliable travel between major activity centers and destinations. The focus of mobility is to get from one place to another as quickly as possible and typically is characterized by longer trips.	Hours of peak period delay
Safety	Reducing the number and severity of crashes.	Annual fatalities
Equity	Ensuring that benefits and impacts are shared among Broward's population.	Composite of other measures
Environment	Protecting the natural and built environment.	Daily Carbon Monoxide (CO) emissions
Economy	Supporting economic activity and businesses.	Daily vehicle hours on roadways with >5% trucks

PROJECT PRIORITIZATION: MODE-NEUTRAL PARADIGM SHIFT



PROJECT PRIORITIZATION: CRITERIA & WEIGHTING

Mobility – 20.5

SOV Travel | VMT Reduction |
Person Capacity | Peak Period
Delay & Transit Travel Time

Accessibility – 20.8

Transit Ridership | Activity Center
Access & Reliability |
Multimodal Connectivity

Safety – 18.7

High-Crash Locations | Non High-
Crash Locations | Multimodal
Safety

Equity – 14.3

Distribution of Transit Service
Frequency* | Transit Service* |
Travel Time Savings* | Multimodal
Safety* | Community Impacts

** within identified "Equity Areas"*

Environment – 12.8

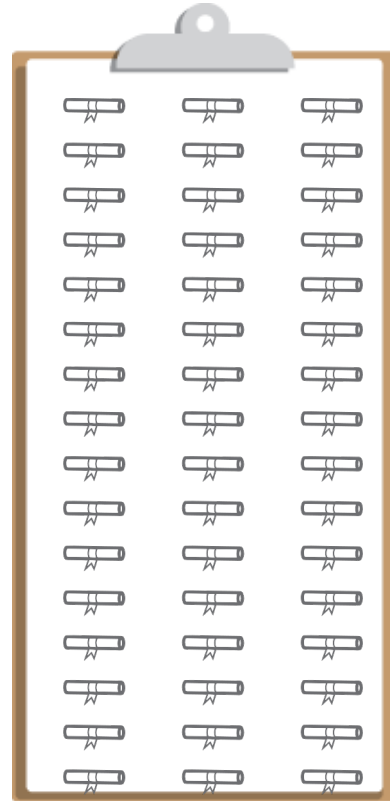
Sea Level Rise Mitigation |
GHG and Precursor Emissions |
Wetland/Natural Habitats |
Historical Resources

Economy – 13.0

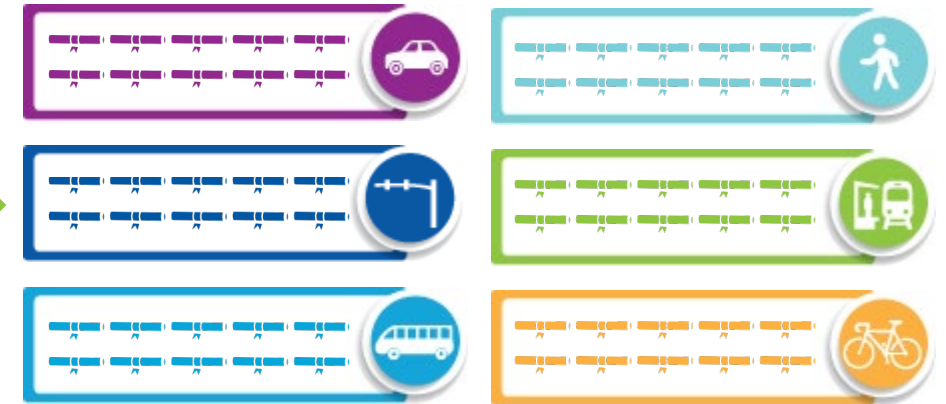
Freight & Goods Movement |
State of Good Repair |
Economic Development

PROJECT PRIORITIZATION: FUNDING PROGRAMS

- Overall Needs Plan Priorities
- Funding Program Priorities



MTP Funding Programs



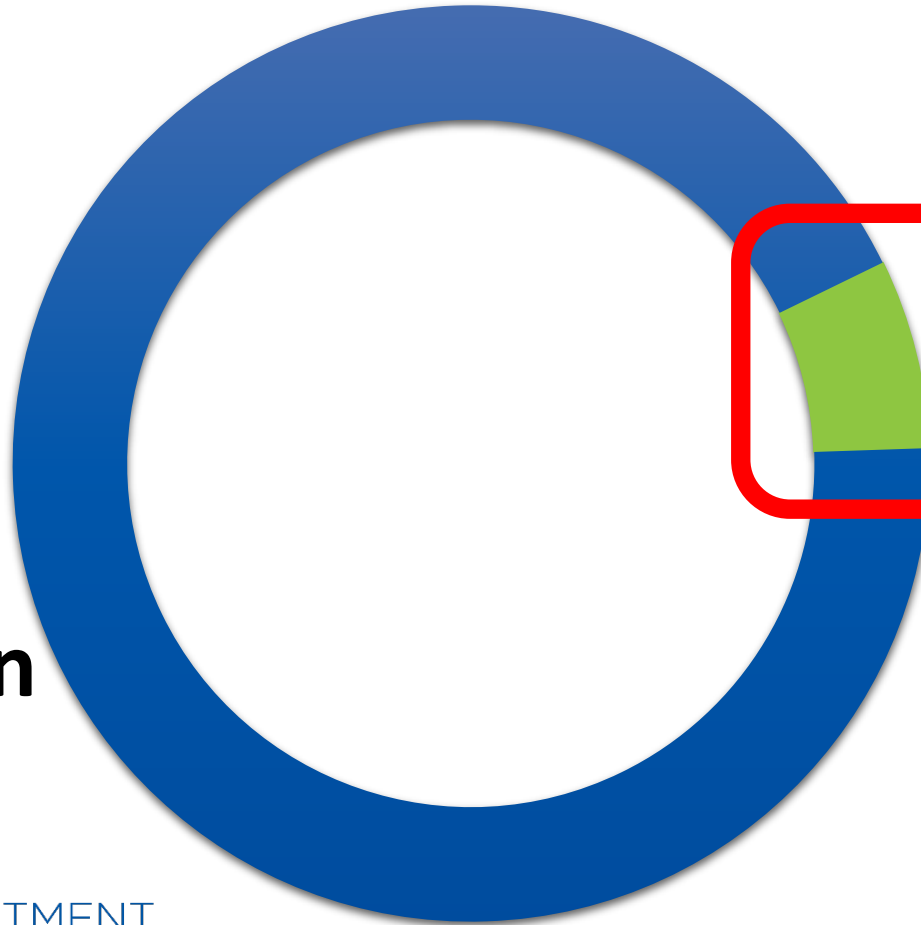
GUIDING PRINCIPLES FOR COST FEASIBLE PLAN

- Use project prioritization process to guide the 2045 Cost Feasible Plan
- Enhance engagement of Committees and MPO Board throughout the MTP development process
- Optimize the use of MPO Attributable Funds to complement available state and county funds



TOTAL REVENUES (2045 MTP)

**\$7.5
billion**



Total Revenues = \$8.0 billion

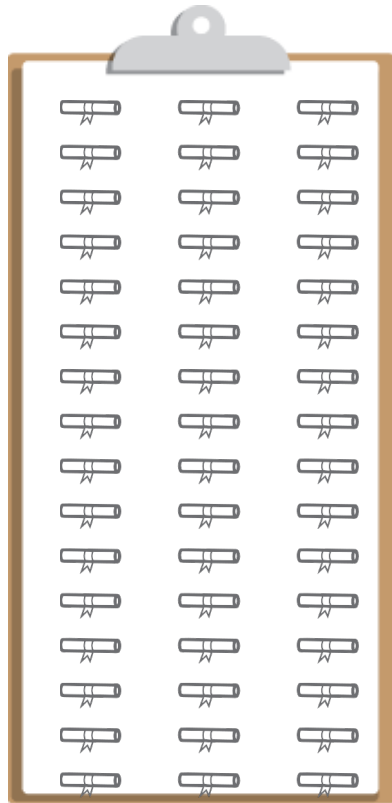
50% > 2040 Plan

**\$538
million**

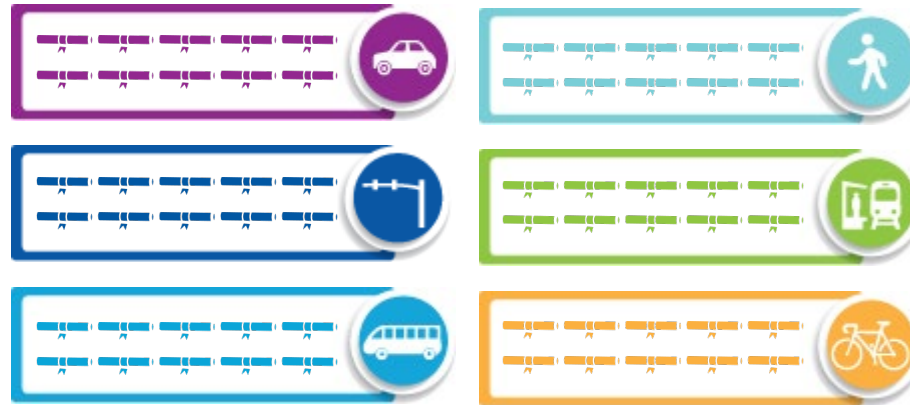
- MPO Attributable Funds (7%)
- State/Federal Funds (93%)

DRAFT COST FEASIBLE PLAN

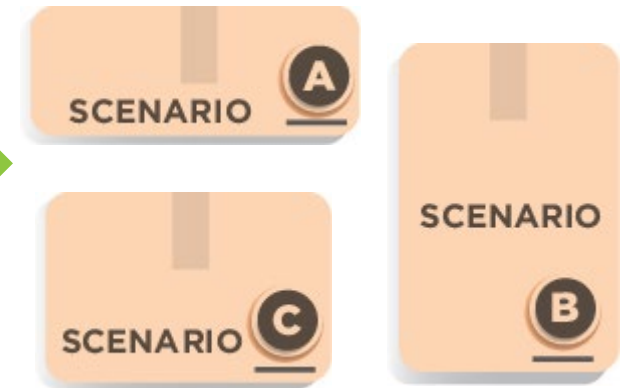
2045 Needs



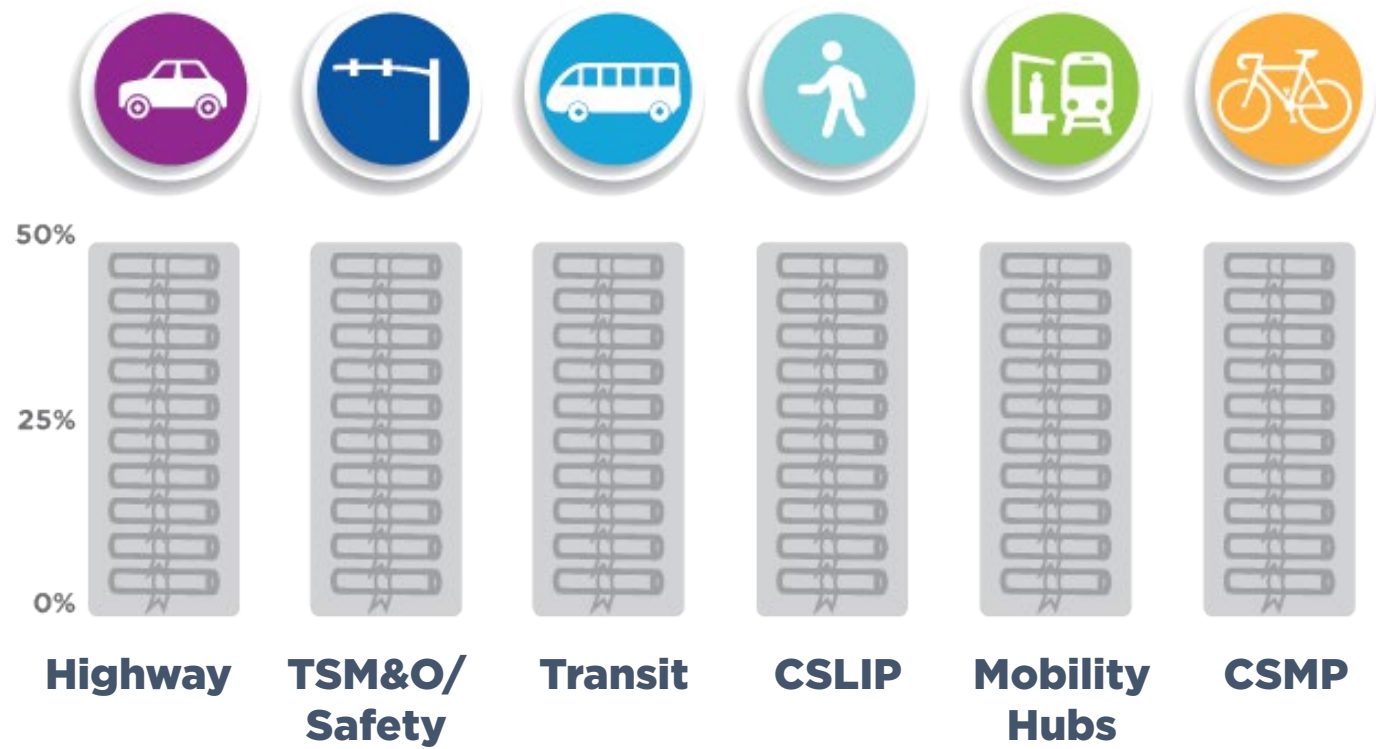
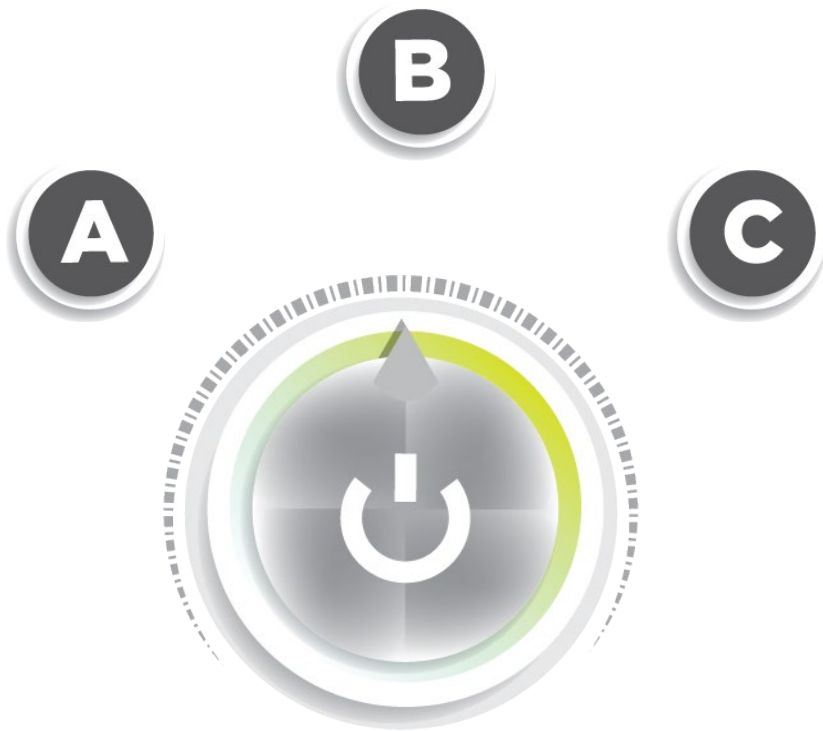
MTP Funding Programs



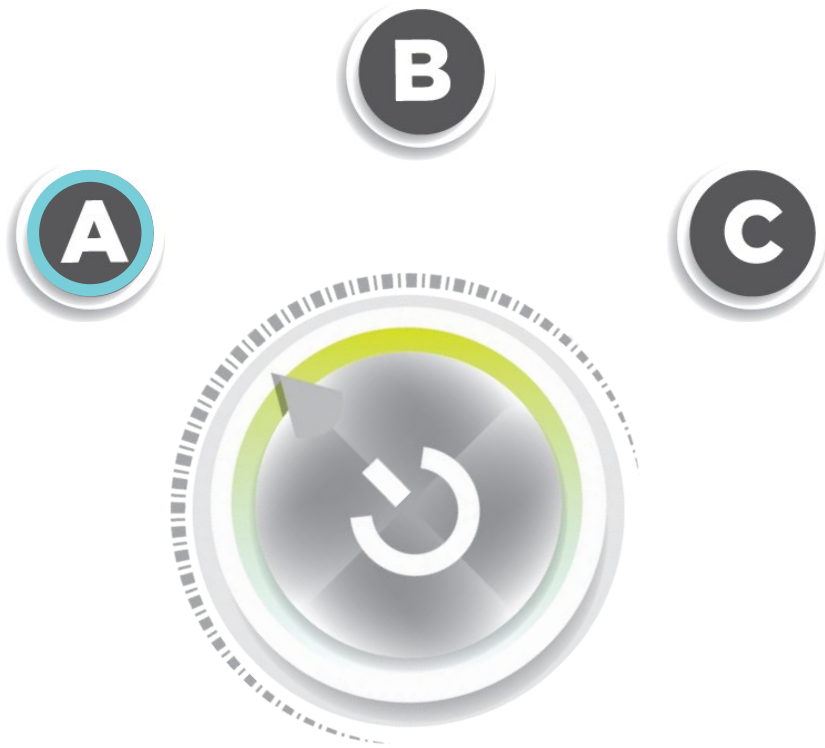
Draft Cost Feasible Scenarios



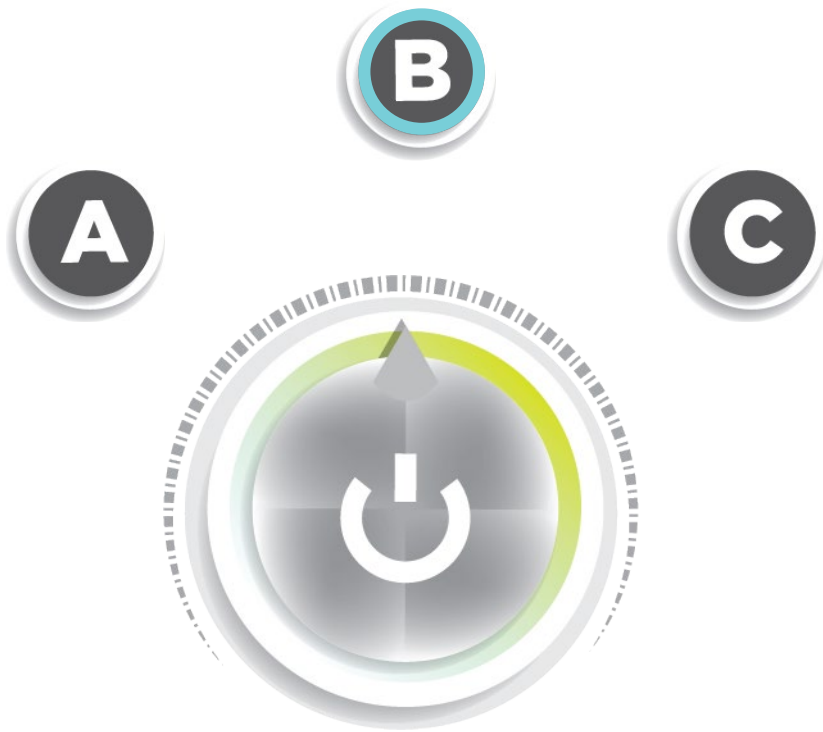
SCENARIOS



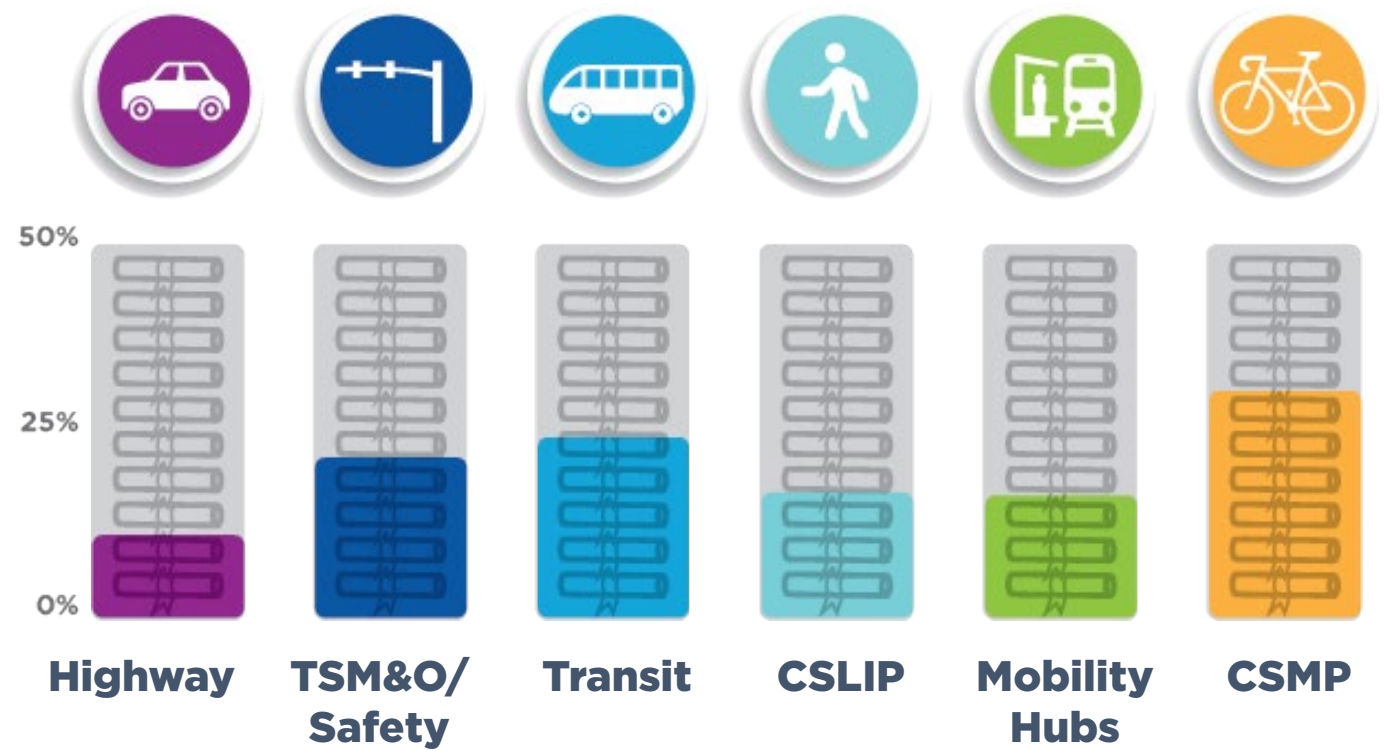
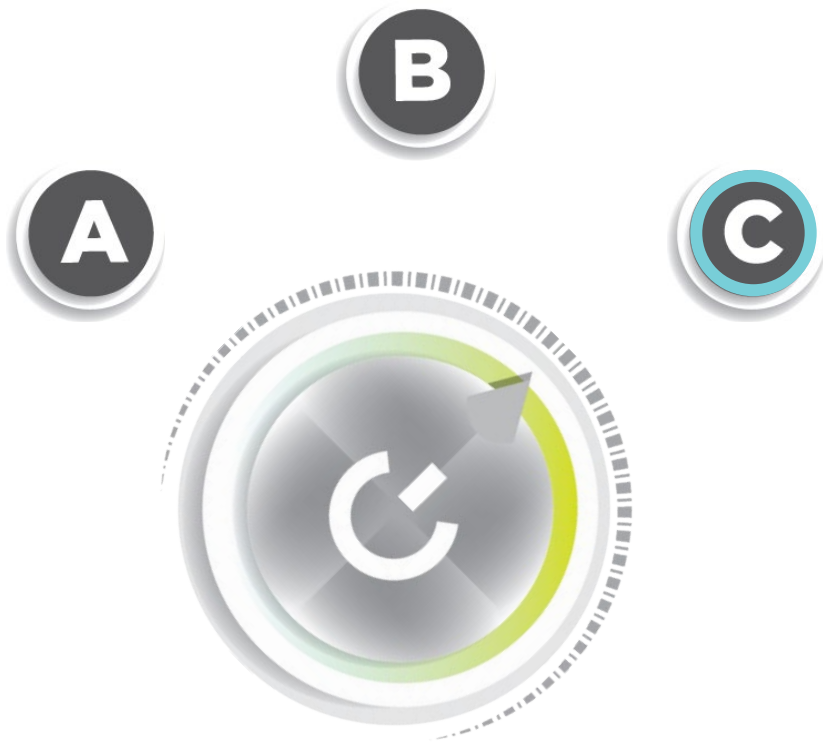
SCENARIOS



SCENARIOS



SCENARIOS



TECHNICAL APPROACH TO COST FEASIBLE PLAN

- 5-step process



MPO ATTRIBUTABLE FUNDS

COMPLEMENTARY INVESTMENTS APPROACH

- Complements available state/county funding
- Increases allocation to Complete Streets Master Plan
- Optimizes allocation to Transit in response to County Surtax Plan
- Sustains some MPO Attributable funding for County and local highway projects
- Sustains funding for other programs



MPO BOARD ENDORSED APPROACH TO ALLOCATING MPO ATTRIBUTABLE FUNDS

Optimization of Complementary Investments



20%

Highway



10%

Transit



15%

**TSM&O/
Safety**



20%

**Complete
Streets &
Localized
Initiatives**



25%

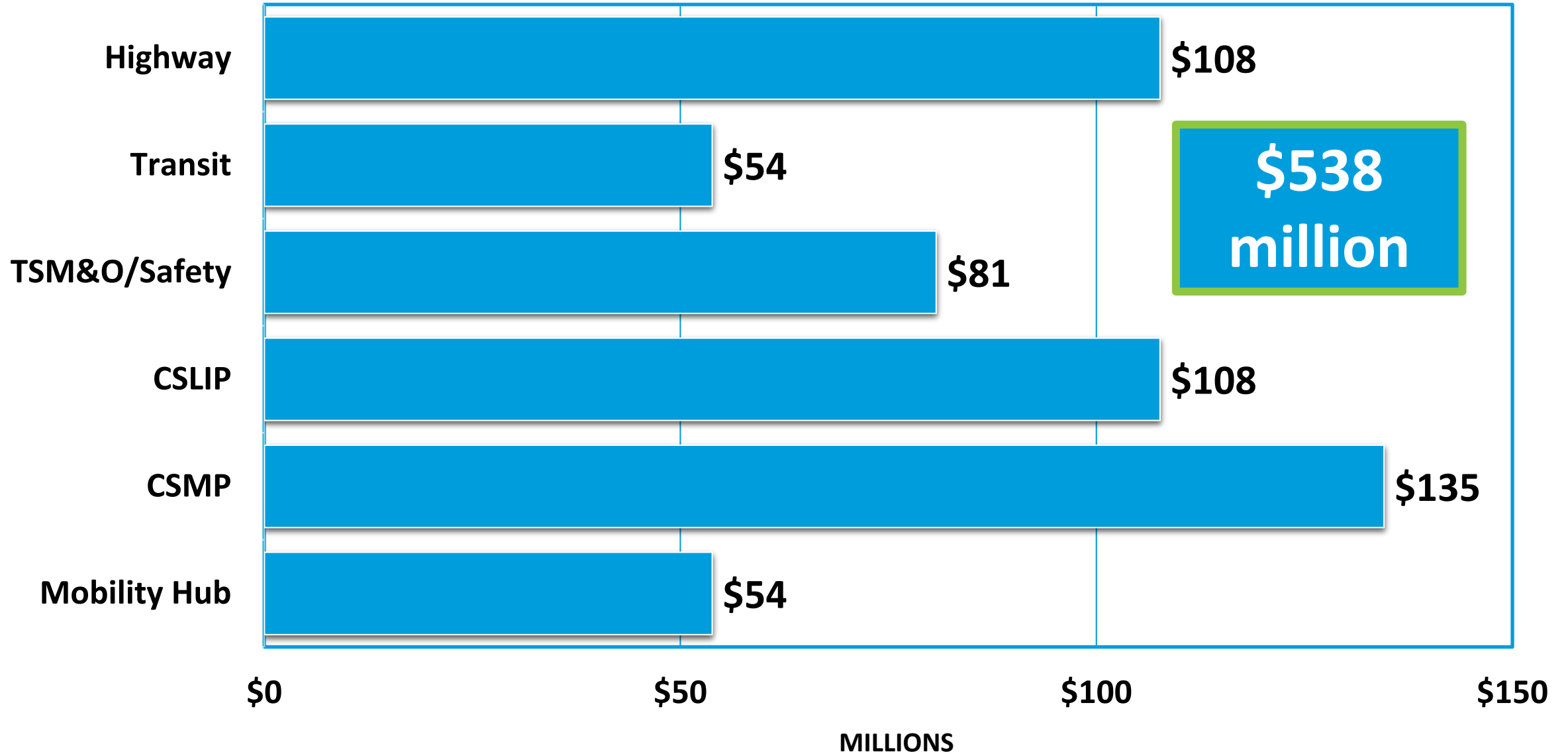
**Complete
Streets
Master
Plan**



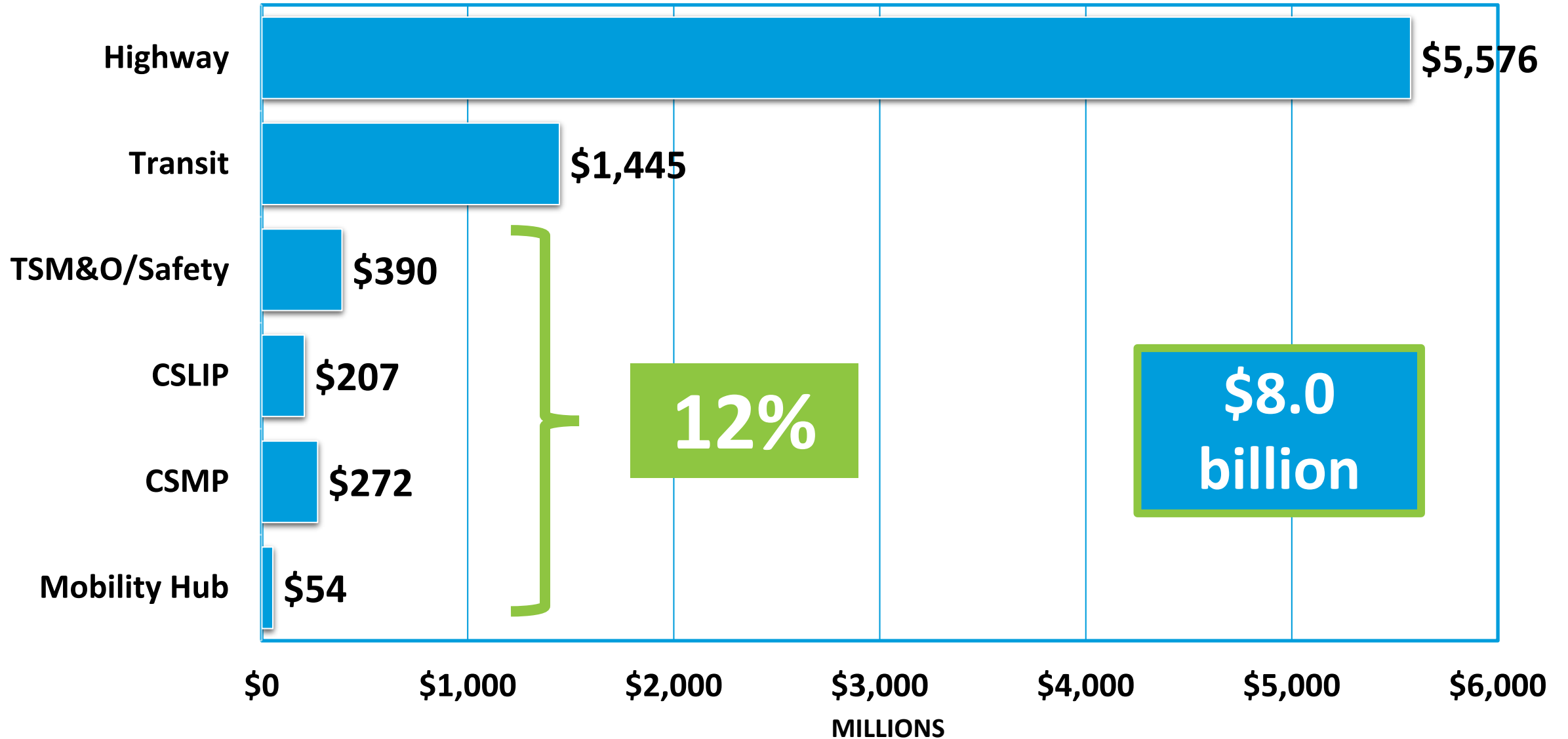
10%

**Mobility
Hubs**

MPO ATTRIBUTABLE FUNDING BY PROGRAM



TOTAL FUNDING BY PROGRAM



DRAFT COST FEASIBLE PLAN – PROGRAM READY



Scope of Work



Cost Estimate



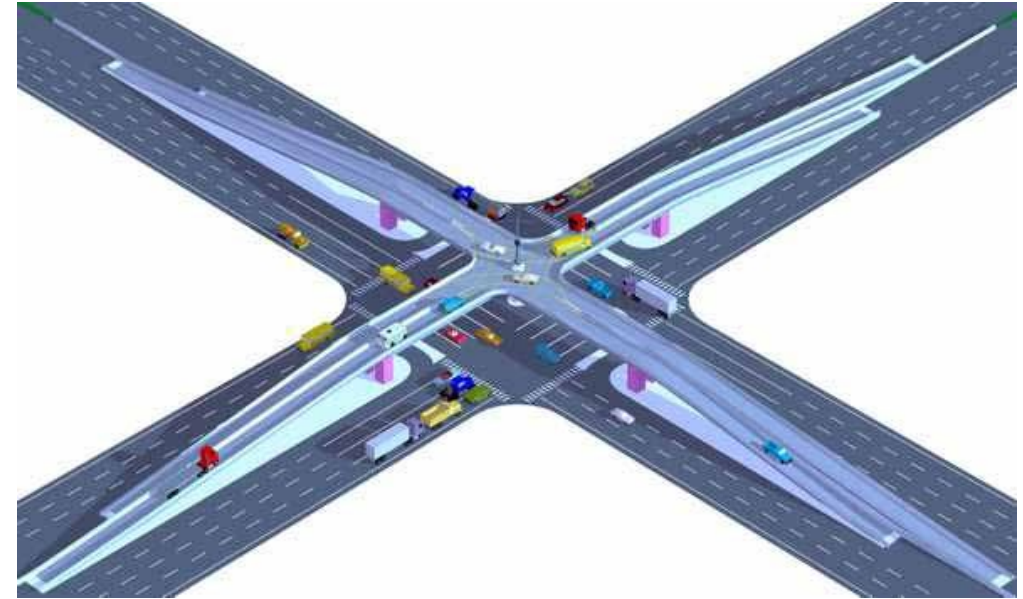
**Partner
Collaboration**



Resolution

KEY PROJECTS - HIGHWAY

- Pines Blvd. @ Flamingo Rd. – Center Turn Overpass
- SFRC/FEC Pompano Track Connection (SIS)
- Pembroke Road Widening and New Road Construction
- County Line Rd./HEFT Extension



KEY PROJECTS - TRANSIT

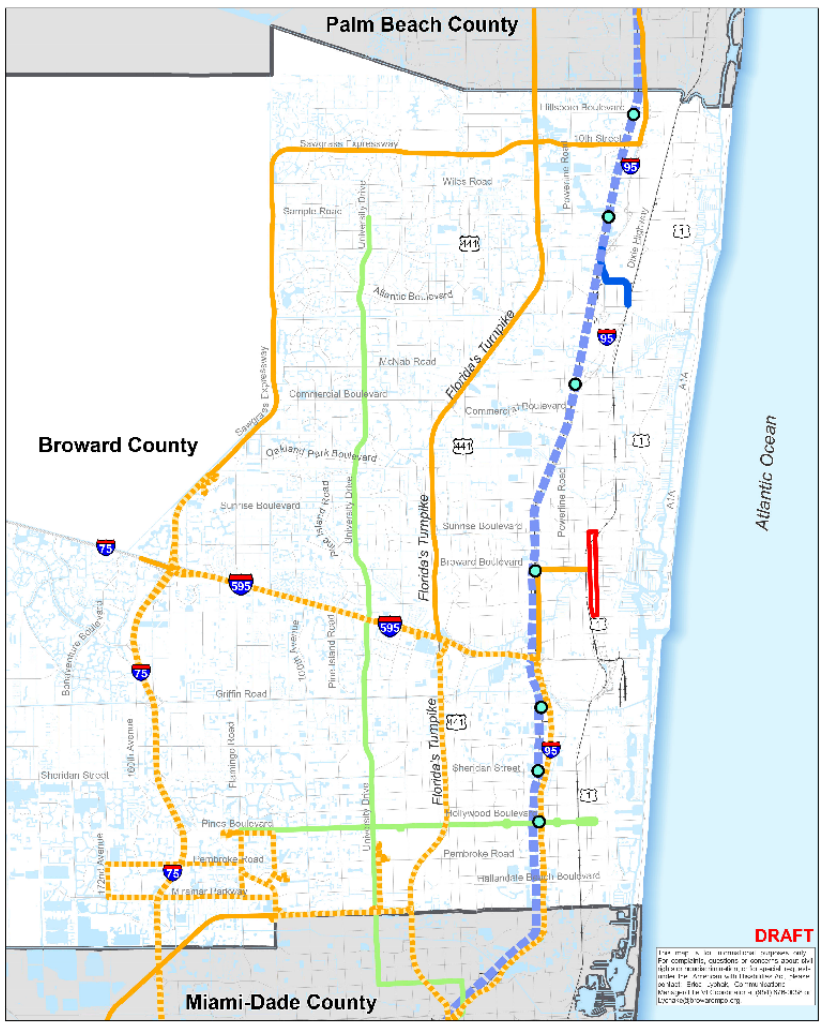
- Fort Lauderdale Downtown One-Way Pair Study (Andrews/3rd Avenue)
- Broward County Transit Rapid Bus Corridors (Hollywood/Pines Blvd. and University Dr.)
- 1/3 Share Tri-Rail Rolling Stock



2045 COST FEASIBLE TRANSIT PLAN

2045 TRANSIT NEEDS PLAN

TRANSIT VISION 2100



Existing Transit Service

- Express Bus
- Commuter Rail (Tri-Rail)
- Station (Tri-Rail)

Proposed Transit Service

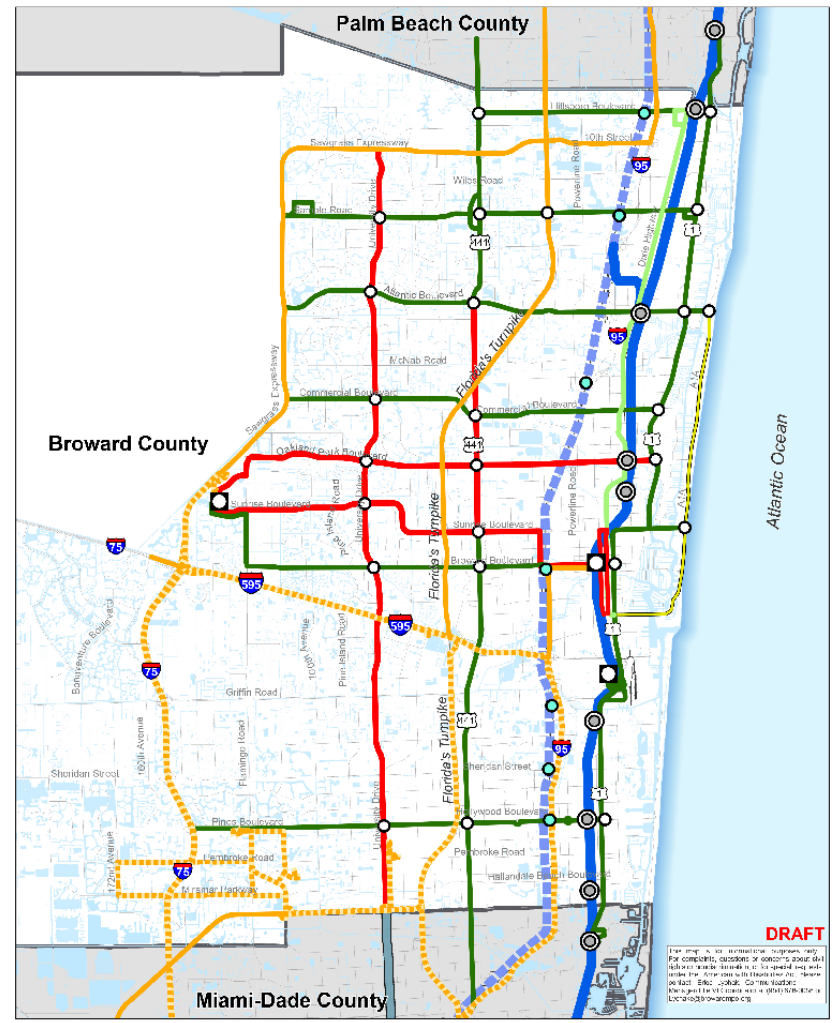
- Express Bus
- UCR Rapid Bus
- Fixed Guideway (SR595)
- Memorandum of Understanding

Notes:

- Local bus not shown; assumed to operate at all street levels.

Scale: 0 1 2 Miles

Source: Broward MPO
Map Date: 10/13/10
Prepared by: T. Kelly, Chief of the Broward MPO



Existing Transit Service

- Express Bus
- Commuter Rail (Tri-Rail)
- Station (Tri-Rail)

Proposed Transit Service¹

- Beach Trolley
- Express Bus
- UCR Rapid Bus
- Fixed Guideway (SR595)
- Tyred Guideway (SR595)
- Commuter Rail (Coastal Link)
- SRAP Plan (North Coast Link)

Proposed Stations²

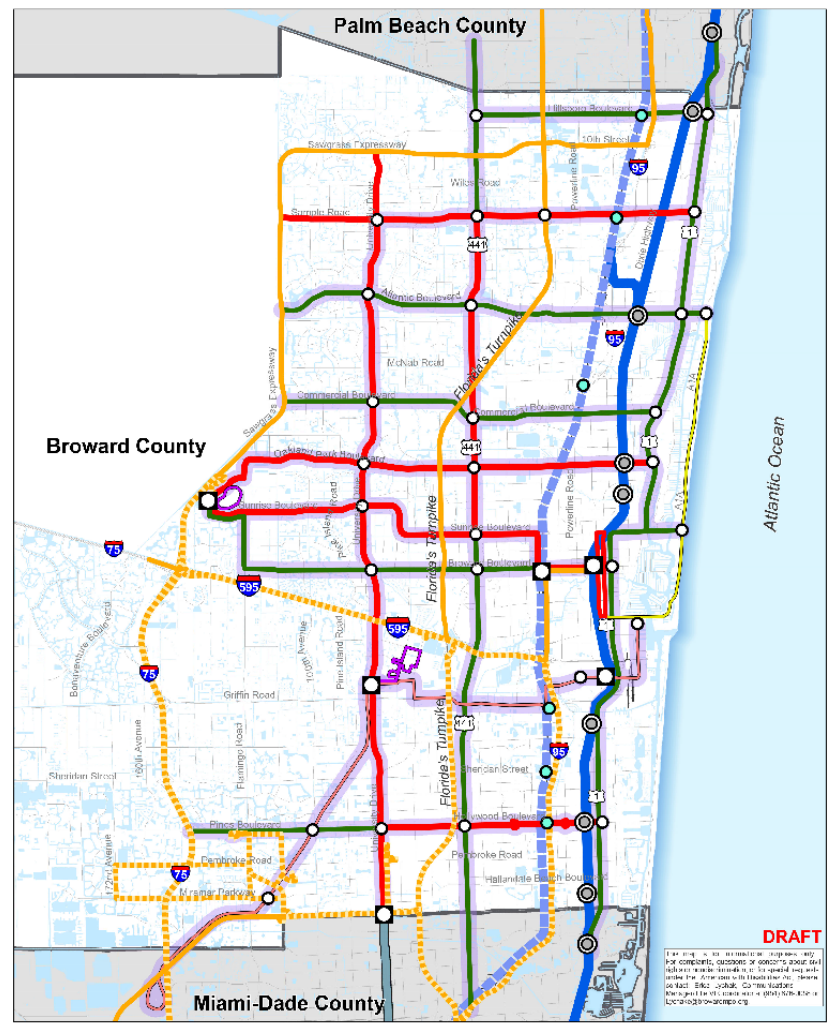
- System to System Station³
- Classical Link Station
- Intermodal Center
- Transit Vision Technology
- ACSS Corridor⁴

Notes:

- Local bus not shown; assumed to operate at all street levels.
- SRAP and the Tri-Rail Stations to be determined.
- Intermodal Center not shown; assumed to operate at all street levels.
- SRAP and the Tri-Rail Stations to be determined.

Scale: 0 1 2 Miles

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Existing Transit Service

- Express Bus
- Commuter Rail (Tri-Rail)
- Station (Tri-Rail)

Transit Vision^{1,2}

- Beach Trolley
- Express Bus
- Fixed Guideway (SR595)
- Fixed Guideway (SR595)
- Automated Fixed Guideway
- Autonomous Commuter Circulator³
- Commuter Rail (Coastal Link)
- SRAP Plan (North Coast Link)

Proposed Stations²

- System to System Station³
- Classical Link Station
- Intermodal Center
- Transit Vision Technology
- ACSS Corridor⁴

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UPCOMING PUBLIC OUTREACH

- Facilitate Meetings with Partners (Summer)
- Obtain Resolutions for Projects (by September 11)
- Host Interactive Map (July-September)
- Facilitate Workshops/Outreach Meetings (June-September)
 - WTS, COMTO, Urban League, League of Cities, HOA's, others
- Facilitate E-townhall Meeting (September)



CONTACT INFORMATION



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giesp@browardmpo.org



move people & goods • create jobs • strengthen communities

Keep up to Date:
commitment2045.org

SCHEDULE UPDATE

