

**MEETING OF THE RTP SUBCOMMITTEE
HOUSTON-GALVESTON AREA COUNCIL**

Members Please Use Teams Invitation

Telephone Conference Information:

[+1 346-262-0140](tel:+13462620140) United States, Houston (Toll)
Conference ID: 374 246 919#

**June 10, 2020
1:30 p.m.**

AGENDA

1. Introductions
2. Performance Measures Presentation (Karen Owen)

Staff will provide an introductory presentation of performance measures that are both consistent with the RTP goals and used to monitor and assess transportation system performance in the region.

3. Update of the Congestion Management Plan (Alan Rodenstein)

Staff will brief the Subcommittee on the effort to update the current CMP, which was approved in January 2015. The CMP is being updated to conform with the goals and performance measures listed in the 2045 RTP.

4. RTP Update – Draft Outline and Implementation Schedule (Mike Burns)

Staff will present a draft outline and implementation schedule for Subcommittee review and comment.

5. Announcements

- Transportation Advisory Committee Meeting (TAC) – June 17, 2020 at 9:30 a.m., Teleconference.
- Transportation Policy Council Meeting (TPC) – June 26, 2020 at 9:30 a.m., Teleconference.
- Next Regional Transportation Plan Meeting – TBD (Teleconference)

6. Adjourn



Federal Performance Measures Update



Karen Owen
June 10, 2020

Federal Performance Measures



Safety

- Fatalities & Serious Injuries

Pavement & Bridges

- Good & Poor Condition

Reliability

- Personal & Truck Travel Times

Federal Performance Measures

Congestion

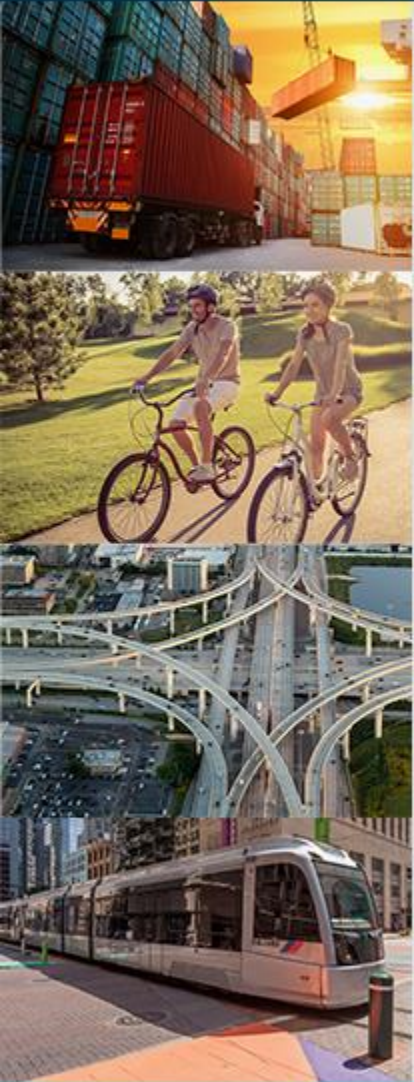
- Peak hour excessive delay
- Multi-occupant vehicle use

Air Quality

- Emissions reduced from CMAQ projects

Transit Asset Management

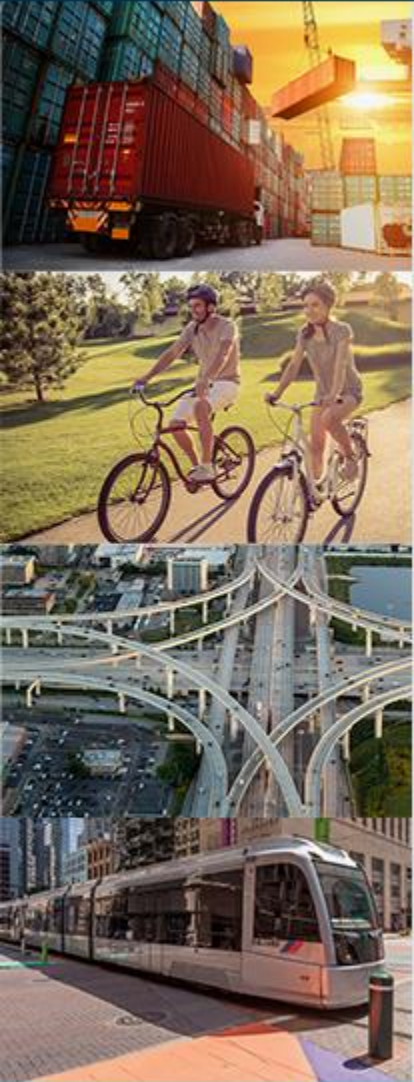
- Transit vehicles and facilities



Federal Performance Measures

Performance-based Planning

- Coordinate & collaborate
- Propose & set targets
- Document TIP & RTP
- Track progress toward goals



PERFORMANCE MEASURES

Pavement & Bridge
Condition
Transit Asset
Management

Increase Reliability
Expand Multimodal Network
Incident Response

Increase Truck Travel
Time Reliability
Increase Multi-Occupant
Vehicle Use

GOALS

Reduce Vehicle, Bicycle &
Pedestrian Fatalities &
Serious Injuries

Achieve/Maintain
State of Good
Repair

Move People
& Goods
Efficiently

Strengthen
Regional
Economic
Competi-
tiveness

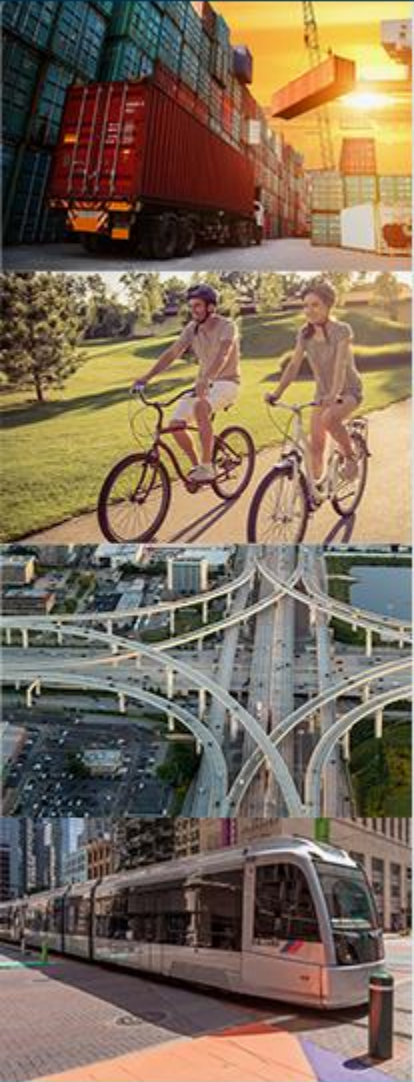
Emission Reductions
Reduce Impacts
Requiring Mitigation

Improve Safety

Conserve &
Protect Natural
& Cultural Resources

V I S I O N

Federal Performance Measures



Midpoint Assessments & Reporting

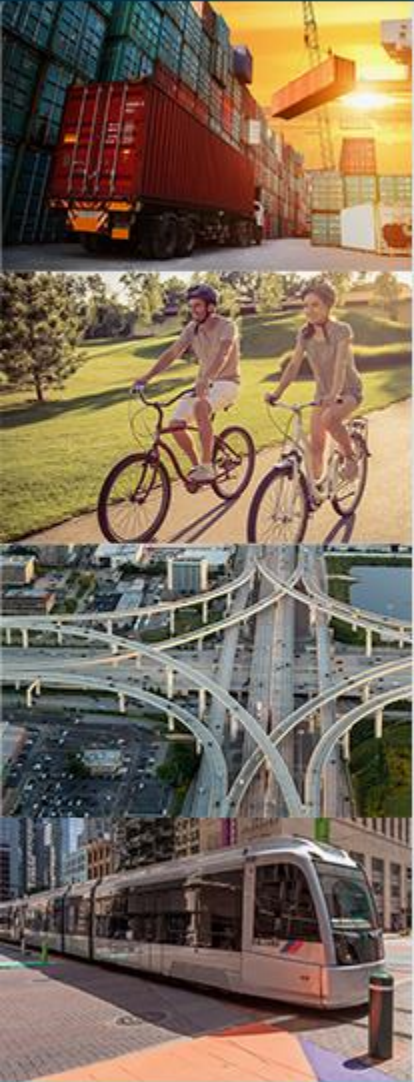
- Base year 2018
- 2-year target – 2020 target met?
- 4-year target – 2022 target adjustments?

Assessment & Reporting



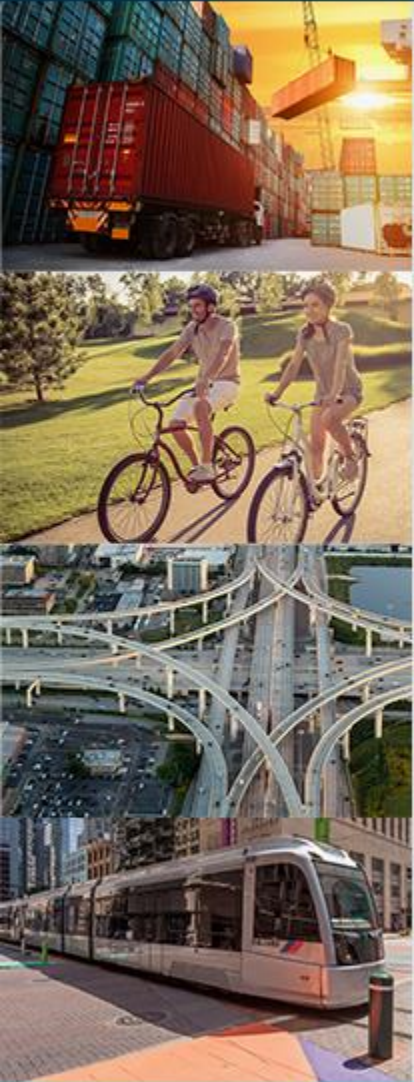
	Data Analysis Completed	Reporting
■ Safety	<input checked="" type="checkbox"/>	<input type="checkbox"/>
■ Pavement & Bridge	<input type="checkbox"/>	<input type="checkbox"/>
■ Reliability, Congestion & Air Quality	<input type="checkbox"/>	<input type="checkbox"/>
■ Transit Asset Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Timeline – Assessment & Reporting



- March to June - Data analysis & assessments
- June to August - Discuss draft recommendations with Subcommittees, TAC and TPC
- Late June to late July - Public comment period
- August – Information to Subcommittees, TAC & TPC
- September – Approval by Subcommittees, TAC & TPC

Performance Measures



Questions?

Performance Measures Report:

<http://www.h-gac.com/transportation-improvement-program/documents/2021-2024/Appendix-B-FAST-Act-Compliance-Performance-Measures.pdf>



CONGESTION MANAGEMENT PROCESS (CMP) 2020 UPDATE



Alan Rodenstein
Houston-Galveston Area Council June 10, 2020
For RTCP

Defining the CMP Process

Three key elements:

- Identify congestion and its causes (in region)
- Apply mitigation strategies to improve system
- Evaluate strategies' effectiveness

The Importance of the CMP

- Funding strategies should emerge from the CMP
- Can be independent, but usually considered with RTP and TIP
- Last CMP Update conducted in 2015; original in 2011
- CMP required under Fix America Surface Transportation (FAST) Act
- In 2020 an approved CMP Update is required for MPO recertification
- MPO recertification expected to occur in early 2021

Eight Elements (Steps) of CMP

- 1. Develop Regional Objectives
- 2. Define Parameters of Regional Network
- 3. Develop Multimodal Performance Measures
- 4. Collect and Monitor System Performance
- 5. Analyze Congestion Problems and Needs
- 6. Identify and Assess Strategies
- 7. Program and Implement Strategies
- 8. Evaluate Strategy Effectiveness

2020 CMP Update Highlights

- Will include greater multimodal emphasis
- Will create an accessible and transparent CMP
- Consider impacts of COVID - 19

Next Steps

2020

- Finish Draft Report - August
- Present to Committee and TPC - September
- Public Comment and Meeting - October
- Review of Comment – Final Report Prepared – November
- Recommendation and Approval of Final CMP – December

2021

- CMP 2020 Update Included in MPO Recertification

Questions?



Regional Transportation Plan



Updating Strategy: Purpose, Schedule, Plan Elements

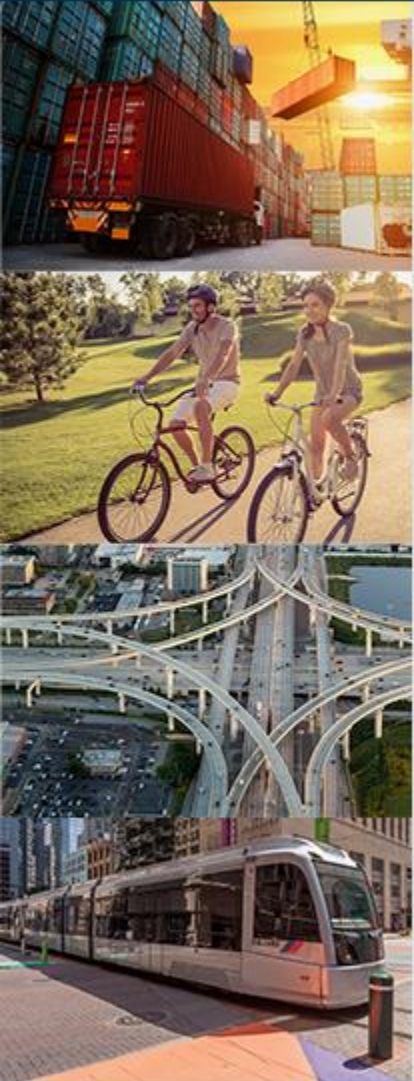


Regional Transportation Plan (RTP) Purpose



- Federally required
- Minimum 20-year outlook
- Updated every 4 years
- Targets federal, state, local resources for transportation investments
- Aligns with federal, state, regional, local vision
- Fiscally constrained

Relationship with Other Programming Documents



20+ Year Regional Transportation Plan
(2045 RTP)

**H-GAC Ten Year Plan /
TxDOT Unified Transportation Program**
(UTP)

4 Year TIP
(2019-2022 TIP)

2045 RTP Vision, Goals, Performance Measures

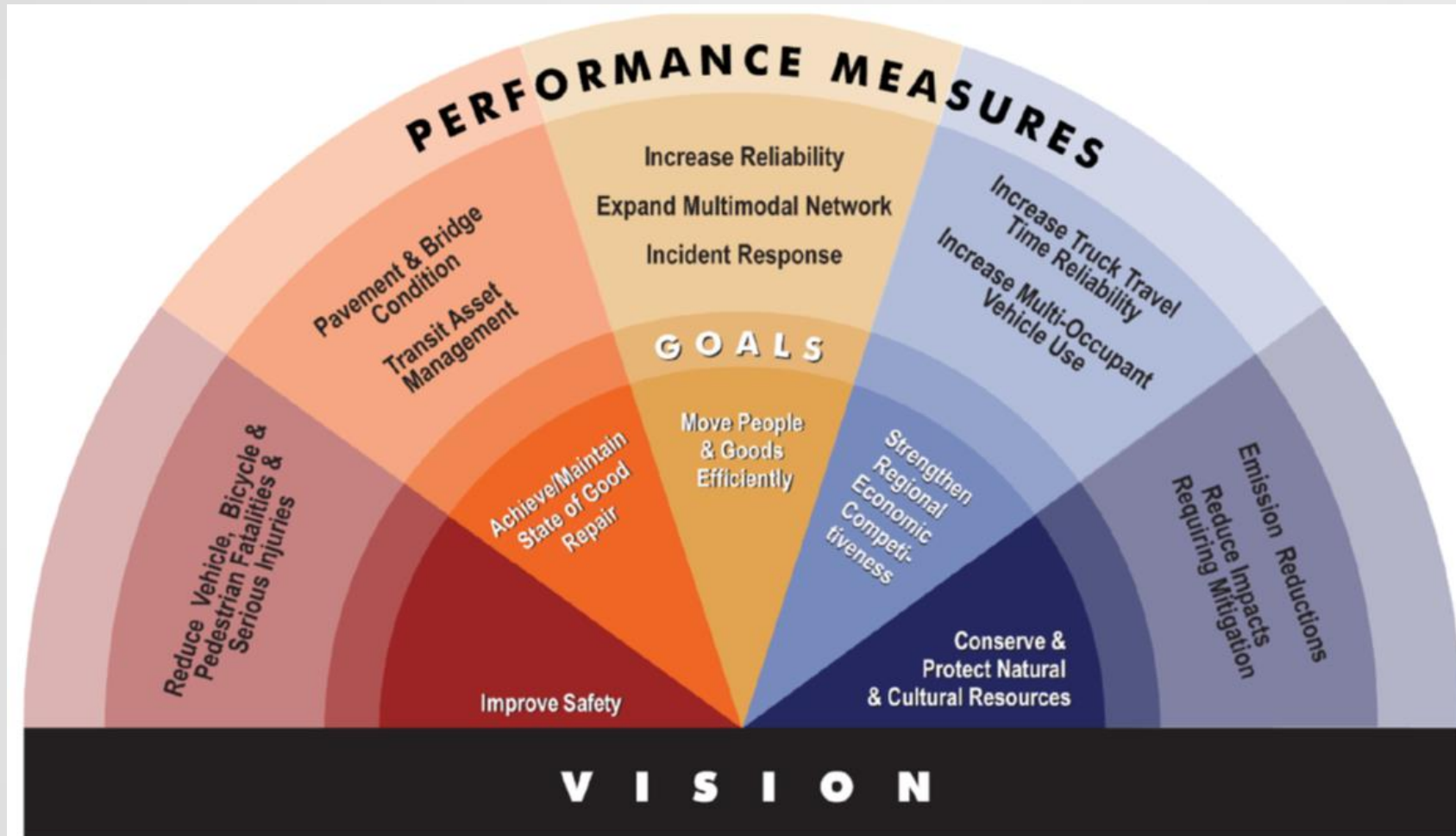
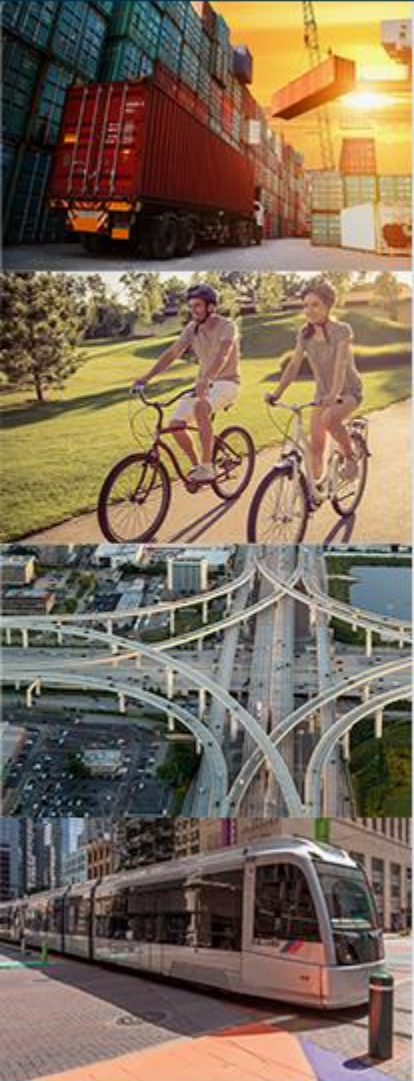
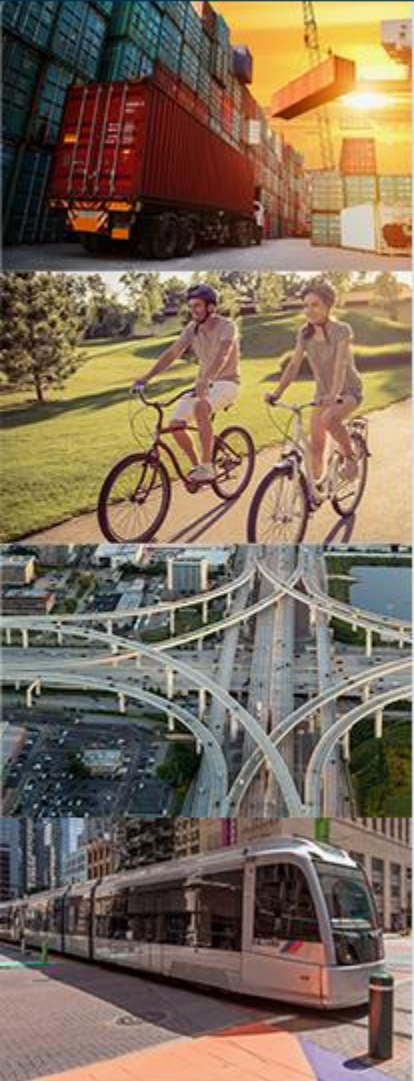


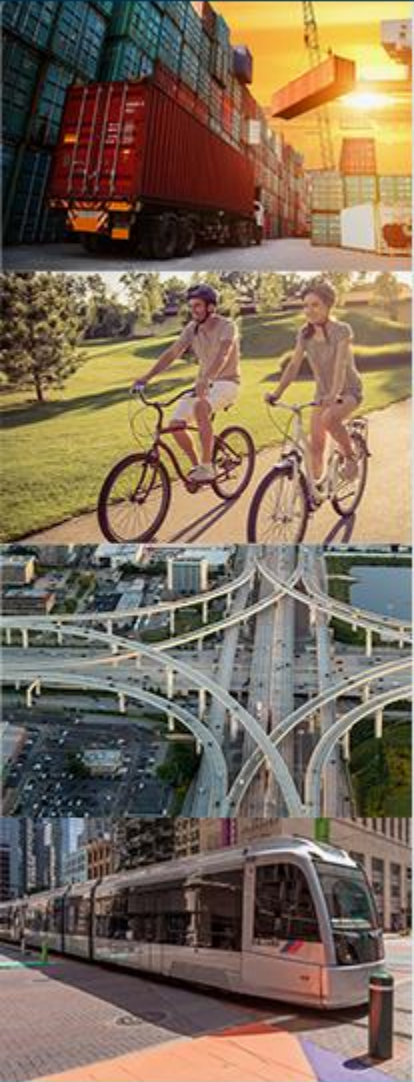
Figure 2-1: 2045 RTP Vision, Goals, and Performance Measures

Updating Schedule



Timeframe	Task
Summer 2020	Review status of RTP recommendations and Federal/State requirements
Fall/Winter 2020/21	Evaluate community trends, performance measures, project selection/scoring
2021	Identify key stakeholders and public outreach strategy; begin update of regional profile; review Federal/State guidance; evaluate Vision/Goals/Objectives
Spring/Summer 2022	Conduct public survey/outreach; develop AQ conformity scenarios; incorporate Federal/State requirements
Fall 2022	Finalize Vision/Goals/Objectives; finalize regional profile; develop funding schedule and project evaluations
Spring 2023	Develop initial draft; stakeholder/public review of draft
Summer 2023	Adopt by TPC; finalize AQ Conformity

Plan Elements



- Introduction
 - Purpose
 - Federal Statute Requirements
- Public Participation Strategy
 - Public Meetings
 - Public Survey
- Regional Profile
- Vision / Goals / Performance Measures
 - Development Patterns, System Assets, Transportation Demand / System Management
 - Safety, Resiliency, Natural / Cultural Resources

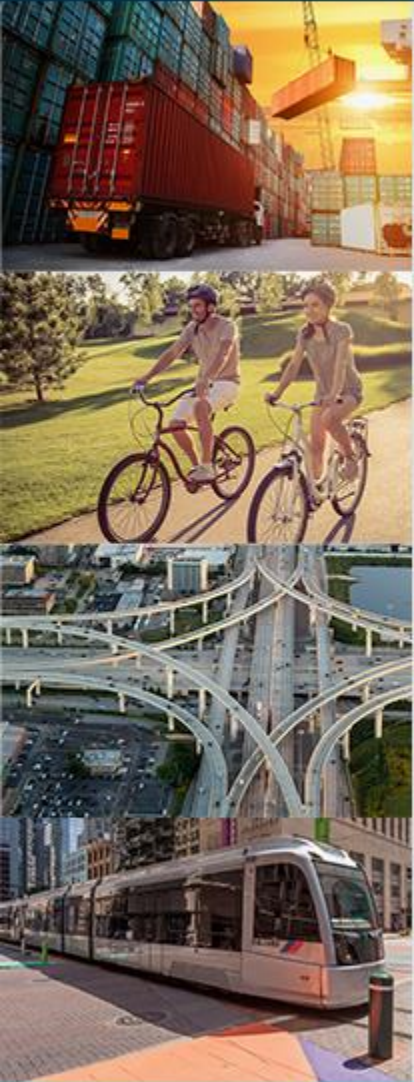
Plan Elements (continued)



- Roadways
- Congestion Management Process, Freight, Bridges
- Complete Streets
- Transit
 - High Capacity, Fixed Route, Paratransit
 - Micromobility, Microtransit, Transportation Network Companies (Uber, Lyft, etc)
- Active Transportation
- Parking
- Airborne Travel
- Waterborne Travel

Other RTP Elements

- Achieving Performance Measure Targets
- Safety and Security
- Livability
- Livable Centers – Live, Work, Play within Proximity
- Housing + Transportation Costs
- Freight Movement
- Climate Change and Resiliency Strategy
- Action Plan
- Air Quality Conformity



Key Stakeholders



- TPC, TAC, and Subcommittees
- Land Use
- Safety and Security
- Environmental, Historical, Cultural
- Travel and Tourism
- Public Transportation
- Bicycle and Pedestrian
- Elderly, Disabled, Low income
- Educational
- Air, Water, Freight
- County Flood Control
- Others?

Questions?



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