## Meeting begins at 1:00p



01

Please mute your mics

02

Please use the raise hand option to be recognized during discussion

03

Please state your name and organization after being recognized

04

The Q&A feature can be used to submit questions during presentations





## Agenda

- Welcome & Introductions 5 min
- Co-chair updates 10 min
  - Sydni Ligons, H-GAC, Senior Planner
- Regional Goods in the Project Selection Process 15 min
  - Craig Raborn, H-GAC, Director of Transportation
- H-GAC Regional Goods Movement Plan 5 min
  - Sydni Ligons, H-GAC, Senior Planner
- TxDOT Freight Parking Study (I-10 Corridor) 20 min
  - Paul S. Truban, TxDOT Project Manager
- Freight/transportation priorities for this legislative session panel 45 min
- Survey 5 min
  - Sydni Ligons, H-GAC, Senior Planner



## Co-Chair Update



Thank you, Judge Ed Emmett and Brian Fielkow, for your service to the Greater Houston Freight Committee!

 Welcome to our new Co-Chairs Bruce Mann and Commissioner Billy Combs



## Agenda

- Welcome & Introductions
- Co-chair updates
  - Sydni Ligons, H-GAC, Senior Planner
- Regional Goods in the Project Selection Process
  - Craig Raborn, H-GAC, Director of Transportation
- H-GAC Regional Goods Movement Plan
  - Sydni Ligons, H-GAC, Senior Planner
- TxDOT Freight Parking Study (I-10 Corridor)
  - Paul S. Truban, TxDOT Project Manager
- Freight/transportation priorities for this legislative session panel
- Survey
  - Sydni Ligons, H-GAC, Senior Planner





## Highlights of Project Selection Process

- TPC approved process in January 2023
- Invest approximately \$1.2 billion in mix of existing and new projects
  - Started process in February 2023
  - First projects approved by TPC as early as September 2023
  - Final projects approved by TPC by May 2024
- Derived from and Addresses all elements of TPC's guidance
- Evolve project selection process
- Focus on Outcomes and Performance by using "investment categories" for projects



## **Project Selection Process**





## How Much Will Be Programmed?

- Approximately \$1.2 billion available
  - Federal and State Sources
  - Not yet including some IIJA funds
  - Not including carryover balances in STBGP and CMAQ
- Approximate Investments
  - ~\$150M requested for current projects
  - ~\$800M for projects smaller than \$100M
  - ~\$250M for major projects larger than \$100M
- Additional funding for Safety and Resiliency TBD



## Approved Process: Key Elements

- Projects will be selected based on 8 investment categories
- Project selection for different investment categories will be conducted separately
  - Different scoring criteria; developed to identify the best projects that meet TPC's guidance related to that category
- TPC will establish funding instructions for each investment category
- Selection process based on Statements of Project Interest
  - All Statements of Interest will be considered for each investment category
  - MPO will maintain open solicitation for Statements of Interest
- Selection process will be interactive with sponsors, with additional information requested as projects advance through each screening
- Scoring includes quantitative and qualitative assessments of planning factors

## **Eight Investment Categories**

Investment Category	Description
Regional Goods Movement	Roadway projects that are located on highways classified as UCFC or RCFC or intermodal connectors; Projects proposed on roadways that provide connectivity to large warehouses, big box stores etc.; Projects located on facilities with high truck volumes
Operational Improvements & Congestion Management	Projects that reduce congestion and reduce travel delay (Including HOV expansions and BRT projects)
High-Growth Area Needs	Development of facilities that will avoid future congestion in high growth areas; Projects that address safety, congestion, or multimodalism in high growth areas; Projects that promote coordinated planning in high growth areas and support continued economic development
Active Transportation	On and off-road bicycle & pedestrian projects that facilitate essential trip making including universal accessibility projects for transit
Transit	All transit projects (may include HOV expansions and BRT)
Major Projects	All projects with an estimated cost of \$100 million or more ***
Resiliency & State of Good Repair	Projects focused on resiliency improvements and extending useful life of the facility (Details TBD pending full PROTECT guidance)
Safety **	Projects focused solely on safety improvements in high crash areas (details TBD pending recommendations of Safety Task Force)

## **Step-by-Step Selection Process**

- Consider for Investment Category
- Investment Category Cut-Offs
  - At least 50 total points
  - 250% of TPC's funding instruction
- Sponsor opportunity to "challenge" quantitative scores
- Benefit-Cost Analysis
  - Must be greater than 1.0\*
- Project Readiness Assessment
- Final Sort into Selection Classifications
- Ranked List and Funding Cut-Off



## Classifications for Selection and Funding

Project Selected for Construction

Anticipate that projects selected for construction will begin in the next 2 to 10 years. Projects will be programmed into the Transportation Improvement Program and the H-GAC 10 Year Plan, and Regional Transportation Plan at the next available opportunity.

Multi-Step Project Review **Process** 

**Project Selected for** Development

Projects selected for development will be amended into the Regional Transportation Plan and project sponsors may continue to further develop the project. Once ready for construction, the project will be reviewed for readiness and programmed into the Transportation Improvement Program and the H-GAC 10 Year Plan. Project development activities such as design and rowof-way may be funded and programmed in advance of construction.

**Projects Selected for Planning Activities** 

Projects selected for planning efforts will be inventoried for planning funding in the Unified Planning Work Program for further planning and study. Project recommendations developed during the study will have to compete for funding in the future. They will receive additional points during project selection cycles.

Project Placed on **Unfunded List** 

Projects placed on the unfunded list will not receive federal funds through the project selection process. However, these projects may be used for other funding programs (e.g., federal discretionary grant programs). Also, these projects will be reconsidered during future reviews of each investment category.

**Projects Needing Further Refinement**  Projects that need further refinement will not be awarded funding. These projects will be sent back to the project sponsor for further refinement before being eligible to re-compete for funding in the project selection process.

## Scoring Point Distribution

	Investment Category												
Scoring Factor	Regional Goods Movement	Operational Improvements	High-Growth Area Needs	Active Transportation	Transit	Resiliency & SOGR							
Regional Goods Movement	50	4	3	3	3	5							
Operational Improvements	6	50	4	4	3	5							
High-Growth Area Needs	5	4	50	4	4	5							
Active Transportation	2	3	4	50	5	5							
Transit	3	4	5	5	50	5							
Resiliency & State of Good Repair	4	5	4	4	5	50							
Planning Factors	30	30	30	30	30	30							
TOTAL POINTS	100	100	100	100	100	100							



## Planning Factors Point Distributions

		In	vestment	t Category			
Planning Factor	Regional Goods Movement	Operational Improvements	High-Growth Area Needs	Active Transportation	Transit	Resiliency & SOGR	
Safety	7	7	7	7	7	7	
Resiliency	5	5	5	5	5	5	
Access/Connectivity	5	5	5	5	5	5	
Environmental Justice	5	5	5	5	5	5	
Impact on Cultural/Natural	5	5	5	5	5	5	
Innovation	3	3	3	3	3	3	
Planning Factors Total	30	30	30	30	30	30	
TOTAL POINTS	100	100	100	100	100	100	
Screening Factor							
Planning Coordination							



## Regional Goods Movement

Investment Category Focused Criteria							
Project is recommended as a priority in a statewide, regional or a local freight plan	Up to 10 Pts						
Project is located on critical urban/rural freight corridor (CUFC/CRFC) or regional freight corridor or on a facility that carries significant daily truck traffic (truck %)	Up to 10 Pts						
Narrative explaining how proposed project improve regional goods movement							
Project provides new or improves existing first-mile last-mile connectivity to Ports/airports or other freight generators (such as big box store, warehouses, etc.)							
Project sponsor is considering strategies to promote off-peak and overnight delivery							
Project is located on a state designated hurricane evacuation route or a facility that functions as an alternative route to a hurricane evacuation route	Up to 10 Pts						

## **Current: Starting Initial Steps**

- TPC approves key process elements
- Reopen Solicitation for Statements of Interest and Additional Information
- Consolidated initial screening
  - ALL Statements of Interest screened for relevance to ALL Investment Categories
- Develop/Approve Funding Instructions
- Initiate First Selection Process
  - Target: March
- HGAC develops online transparency tool for tracking the process



## Approved by Policy Council in January

- 1. Approved Key Project Selection Process Elements:
  - a. Overall Investment Level
  - b. Eight Investment Categories
  - c. Classifications for Project Selection and/or Funding
  - d. Initial Investment Categories
  - Step-by-Step Selection Process
  - f. Initial Steps and Implementation Timeline
- 2. Authorized MPO to initiate process



## Funding Instructions

Investment Category	
Regional Goods Movement	/
Operational Improvements & Congestion Management	
High-Growth Area Needs	
Active Transportation	
Transit	
Major Projects	
Resiliency & State of Good Repair	\
Safety **	/

**Funding Percent** 

Funding Amount (approximate)

Funding Instructions: Spending Targets for Investment Categories

Funding Instruction Purpose:

- A. Implement TPC's Priorities and Desired Regional Outcomes
- B. Balance Investment Decisions with Requested Projects

Preview Recommendation in February; Action in March

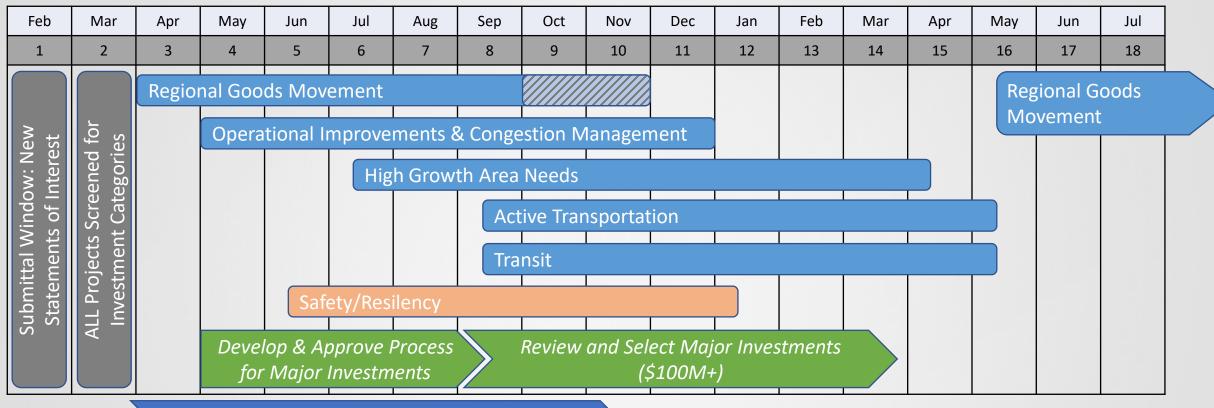


## Timeline: Regional Goods Movement

		Feb		Mar	Mar April		May		June	July		Aug		ep	Oct	No	οv	TBD
Sponsors	Open Period for Additional Statements of Interest																	
Staff	Staff IDs All Projects with Category Scores																	
Sponsors	Sponsors Provide Additional Scoring Information																	
Staff	Staff screens for planning criteria (50 point cutoff)																	
Sponsors	Sponsors Provide Benefit-Cost Information																	
Staff	Validation of Scores and BCAs																	
Staff	Project Readiness Determined (for sorting)																	
Staff	Ranked List Developed																	
TAC/TPC	Ranked List Review and Action/Adoption																	
Staff	TIP/RTP Amendment for AQ-exempt Projects																	
Staff	TIP/RTP Amendment for AQ Projects																	TBD



## Complex and Evolving Process



**Evaluate Requests Related to Existing Projects** 

ID Projects to Reduce Carryover Balances

**ID Projects for Planning Studies** 

Add Planning Studies to UPWP

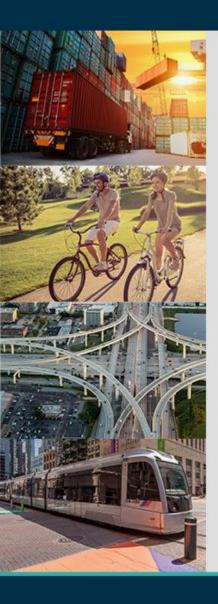
Initiate/Conduct New Plans



## **Project Selection Process**







## Thank You!

Craig Raborn, AICP
Transportation/MPO Director
<a href="mailto:craig.raborn@h-gac.com">craig.raborn@h-gac.com</a>



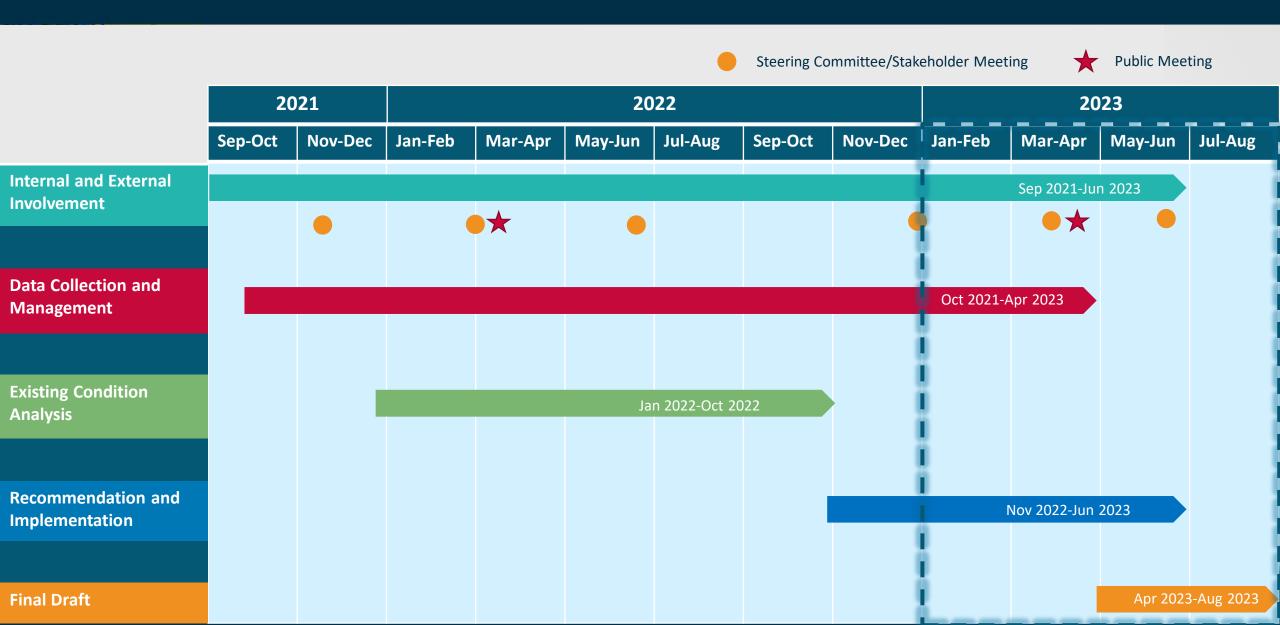
## Agenda

- Welcome & Introductions
- Co-chair updates
  - Sydni Ligons, H-GAC, Senior Planner
- Regional Goods in the Project Selection Process
  - Craig Raborn, H-GAC, Director of Transportation
- H-GAC Regional Goods Movement Plan
  - Sydni Ligons, H-GAC, Senior Planner
- TxDOT Freight Parking Study (I-10 Corridor)
  - Paul S. Truban, TxDOT Project Manager
- Freight/transportation priorities for this legislative session panel
- Survey
  - Sydni Ligons, H-GAC, Senior Planner





### **Current RGMP & Schedule**



## Regional Transportation Plan - Goals

## **Projects**

Safety

Policies

- State of good repair
- Move people & goods efficiently
- Economic competitiveness
- Protect natural resources

Programs



## Ideas Considered – Policies/Programs

Truck route network for the region





- High and heavy corridors for the movement of Oversize/Overweight loads
- Freight lanes:
  - Freight Only Designated truck lanes, e.g. SH 99, SH 146, SH 225
  - Shared Lanes for trucks/buses
- Coordination: County/City/Unincorporated





## Ideas Considered - Projects

(Supporting Infrastructure)









- Parking: Increase truck parking spaces in the region
- Bridges: Protect infrastructure with weigh-in-motion and over-height sensors
- Technology: connected vehicle technology & vehicle automation





## Recommendations - Policies/Programs







- Time Travel: Restricting times for <u>some</u> freight and delivery activity
- Incentive Programs: through trucks to follow bypass routes avoiding Houston's core

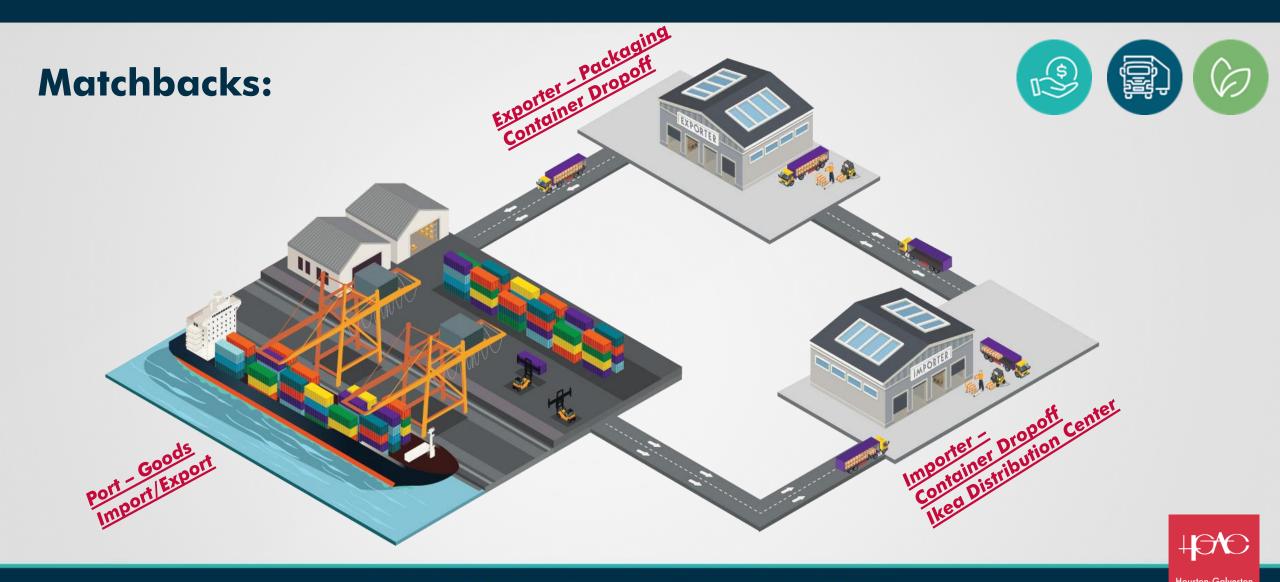








## Recommendations – Policies/Programs



## Ideas Considered - Policies/Programs

### **Container-On-Barge**



### **Freight Shuttle**









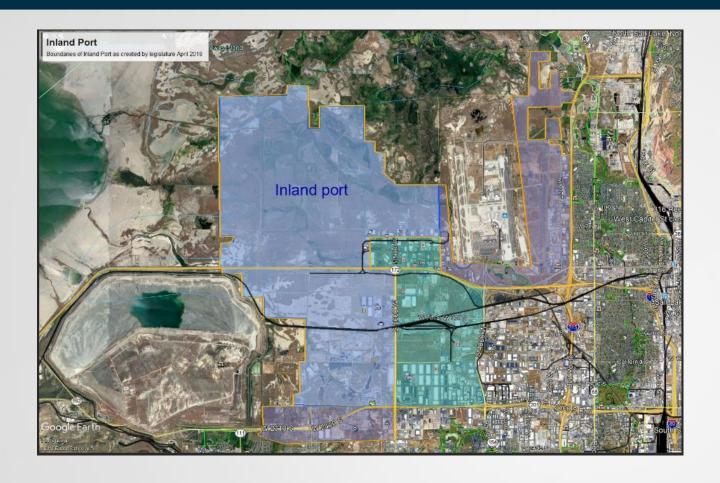
## Ideas Considered – Programmatic



# LAST MILE FREIGHT PROGRAM LAST MILE FREIGHT PROGRAM SCAGE PROGRAM



## Wild Card - Inland Port



### Pros:

- Acts as an Intermodal Yard: Rail to Truck modal switch
- Relieve stress on the existing system outside the urban core
- Freight Shuttle/Matchback

### Cons:

- Cost and space
- Operating entity
- Political Support



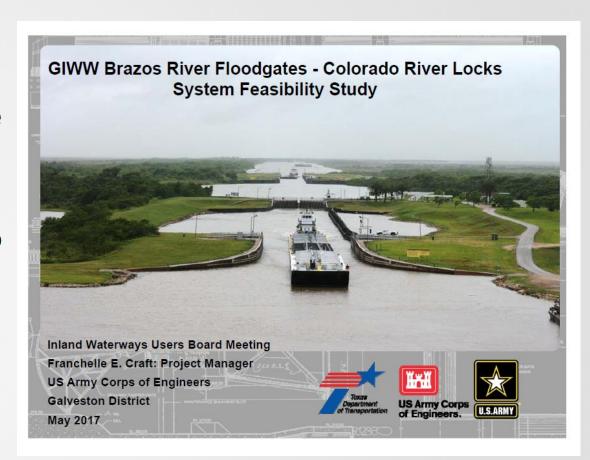
## Ideas Considered - Projects (Maritime)







- Dredging: Maintain dredging of the Gulf Intracoastal Waterway (GIWW)
- Expansion: Port expansion/ability to grow handling capacity
- Floodgates: GIWW Brazos River Floodgates project





## Potential Ideas Summary

### **CONGESTION & SAFETY**



- Increase Capacity
- Off-Peak Incentives
- Bypass Route Incentives
- Truck Lanes / Managed Lanes
- Modal Shift
- Driver Safety Training
- Truck Safety Upgrades
- Connected/ Autonomous Vehicles

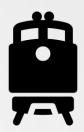
### BRIDGE CONDITIONS & CLEARANCE



- Repair poor bridges to handle heavy loads
- Redirect oversize trucks from routes with low-clearance bridges
- Add technology to identify oversize loads

**FLOODING AREAS** 

#### RAILROAD CROSSINGS



- Identify RR crossing for grade separation/closures
- Upgrade frequently blocked crossings

### **EMISSIONS**



- Congestion Management
- Freight Shuttle
- Alternative Fuels
- Electrification
- Truck Age
- Truck Turns (Matchback)

### TRUCK PARKING



Increase truck parking based on current and future demand



Additional priority to infrastructure projects in high-risk areas for flooding

### **PORTS & WATERWAYS**



- Maintain dredging of the Gulf Intracoastal Waterway
- Port expansion to handle growing demand

Source of images: Flaticon.com. These icons have been designed using images from Flaticon.com

# **Upcoming Meetings**



Industry Feedback Meeting – Feb 20

Public Meeting – April, date TBD

Stakeholder Meeting – tentatively Mar 29th

Steering Committee Meeting – tentatively Mar 22th



# Agenda

- Welcome & Introductions
- Co-chair updates
  - Sydni Ligons, H-GAC, Senior Planner
- Regional Goods in the Project Selection Process
  - Craig Raborn, H-GAC, Director of Transportation
- H-GAC Regional Goods Movement Plan
  - Sydni Ligons, H-GAC, Senior Planner
- TxDOT Freight Parking Study (I-10 Corridor)
  - Paul S. Truban, TxDOT Project Manager
- Freight/transportation priorities for this legislative session panel
- Survey
  - Sydni Ligons, H-GAC, Senior Planner





# Southeast Texas Truck Parking Plan

H-GAC Greater Houston Freight Committee



#### **Introductions**

## TxDOT Houston District

James Koch
Catherine McCreight
Melody Galland
Hieu Tong
Sue Theiss
Terri Dedhia
Amanda Austin
Andrea Cheng Ranft

Larry Blackburn

Heng Wang

Danny Perez

## TxDOT Beaumont District

Martin Gonzalez
Scott Ayers
Chris Henry
Ana Mijares
Kenneth Wiemers
Arnold Vowles
Brad Murray
Keith Horn
Peter Jungen
John Sudela
Sarah Dupre

## TxDOT TPP Freight Systems

Sherry Pifer Paul Truban

#### Consultant Team

Cambridge – Dan Andersen Cambridge – Dan Haake

HNTB - Brian Comer

HNTB - Paula Dowell

**HNTB** - Joel Salinas

HNTB - Kelsey Heavin

Poznecki-Camarillo - Kari Sutton

Poznecki-Camarillo - John Tiemann

Foresight - Cameron Gaddy

Foresight - Marc Shepherd

### **Agenda**

- 1 Project Introduction
- 2 Project Approach
- 3 Next Steps
- 4 Questions

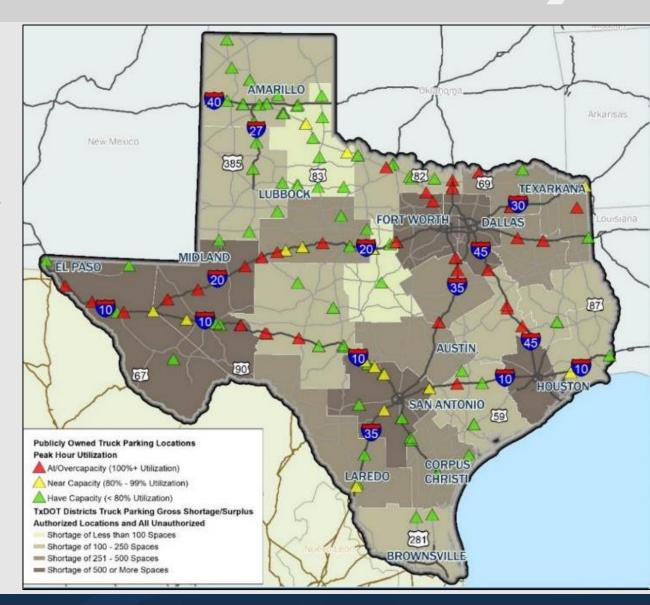


**Project Introduction** 



#### **Work to Date: 2020 Statewide Truck Parking Study (TPS)**

- Improve safety, reduce congestion, and enhance economic competitiveness of the Texas Multimodal Freight Network
- Reduce undesignated truck parking on TxDOT right-of-way
- Develop actionable strategies to meet truck parking and driver needs across the state, including oversize/overweight loads
- Identify ways to partner with the private sector to meet the state's truck parking needs
- Leverage technology to ensure efficient use of TxDOT maintained truck parking
- Address parking needs at key truck generators including seaports and border ports of entry
- The Southeast Truck Parking Plan will build on the 2020 statewide TPS analysis and recommendations



#### **Why Truck Parking Matters**



#### Safety

- 190,240 Texas crashes involving commercial vehicles. 2953 fatalities (2013-2017)
- 2,315 involved parked trucks
- 138 fatalities and 997 injuries



#### **Time and Money**

- 9,300 lost revenue-earning miles a year
- \$4,600 annually due to the lack of truck parking



#### **Preservation of Roadways**

- Lack of parking means trucks often park on shoulders and ramps
- Safety hazards and damaging the pavements

Tough Decisions – Park unauthorized or drive illegally – 63% of truck drivers report parking in an unauthorized location at least weekly. 10% admit to doing so daily.



#### **Types of Truck Parking**





## Long-Haul Challenge:

 Drivers on roads for days and weeks for crosscountry trips.



## **Staging** *Challenge:*

- Drivers pick up and deliver freight at manufacturing plants, warehouses, and distribution centers.
- Trucks near the border need a place to park while awaiting paperwork for pick up, deliver, or to cross the border.



#### **30-Minute Break**

Challenge:

off-duty drivers cannot move the truck for any reason.



#### Emergency

Challenge:

 Incidents that close or congest the roadway result in drivers needing a place to park.



## Time Off Challenge:

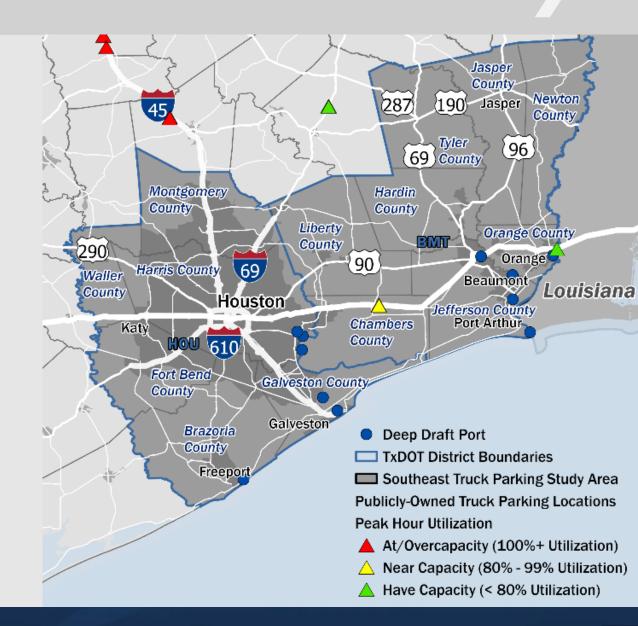
Off-duty

 independent drivers
 need a place
 to park their truck.

#### **Study Area**

#### Southeast Texas Region

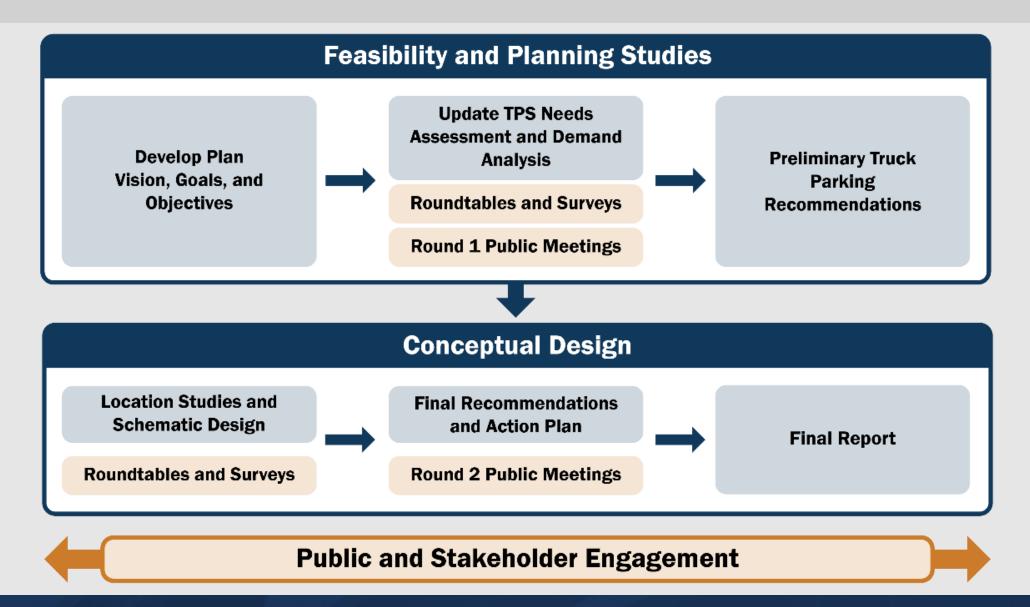
- HOU and BMT Districts
- H-GAC
- SETRPC (South East Texas Regional Planning Commission)
- Ports



# Project Approach



#### **Plan Process**



#### Policies, Programs, and Technologies

#### **TxDOT-Led**

#### Integrate Truck Parking into all Decision-Making Processes

- Project development process
- Right of way acquisition guidelines
- Facility closures

## Develop Truck Parking Information Systems

- Expand on I-10 TPAS
- Remote staging lot integrated with:
- -Trucking customer receiving
- -Curbside parking management

## **TxDOT-Supported**

#### Shipper/Receiver-provided Truck Parking

- Logistics parks
- Commercial and industrial properties
- Include truck parking demand as part of Traffic Impact Analyses for new developments

#### **Emergency Road Closures**

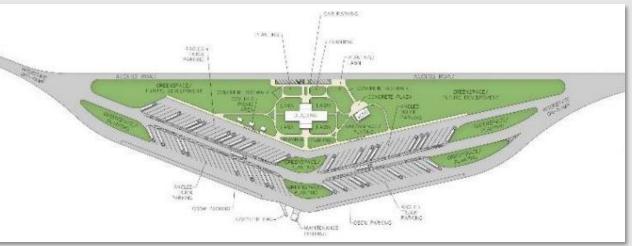
• Allow truck parking at large parking facilities when not in use

**Manage Curbside Truck Parking** 

#### **Parking Improvements**

- Conceptual design for new, repurposed, or improved truck parking sites
- Amenities
  - Lighting, restrooms, trash
     receptacles, picnic areas, pet
     facilities, vending machines, etc.
- Traffic evaluations and projections
- Access improvements
- Signage/technology/communications
- Cost estimates and phasing





#### **Truck Parking Availability System (TPAS)**

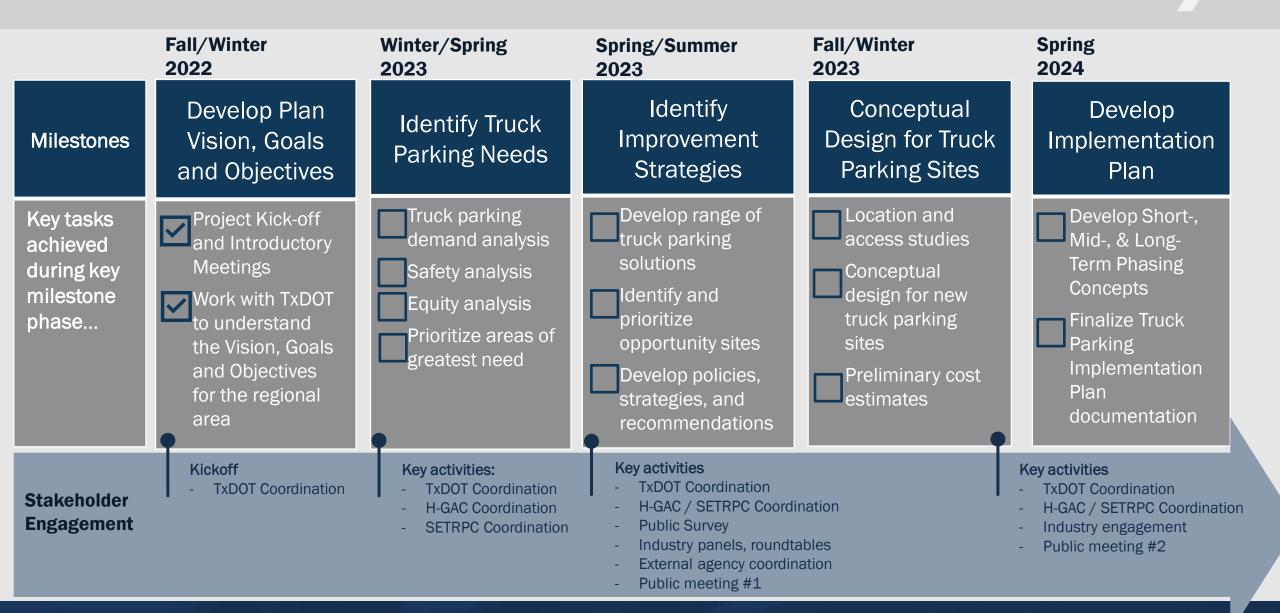
- I-10 TPAS provides real-time information on available parking directly to drivers
  - Note, no safety areas in the Houston District
  - Consider TPAS technology with planned truck parking facilities
  - Integrate into existing platforms (ex.: LoneStar, DriveTexas, ConnectSmart, etc.)



**Next Steps** 



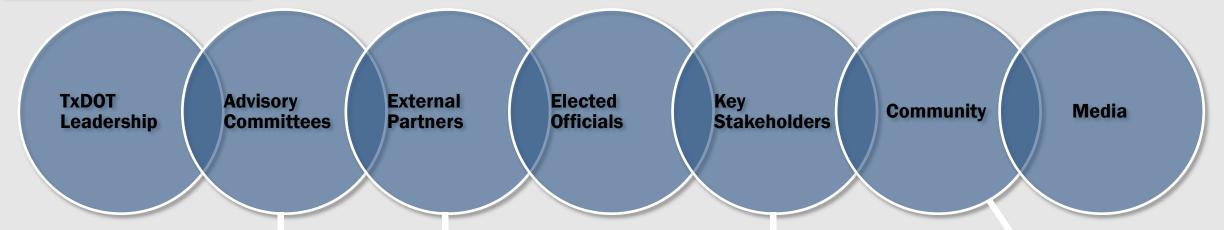
#### **Implementation Study Timeline**



#### **Public and Stakeholder Engagement**



- Develop engagement plan with virtual and in-person opportunities
- Confirm truck parking needs with TxDOT and key stakeholders
- Educate public on the need/benefits of truck parking
- Document outreach activities and feedback



e.g., TxFAC, Port Authority Advisory Committee (PAAC)

e.g., Houston-Galveston Area Council (H-GAC) e.g., Truck drivers and dispatchers; Private truck stop owners/operators e.g., EJ/LEP communities

#### **Next Steps**

- Stakeholder engagement strategy/plan
- Data collection and analysis
  - Parking inventory
  - Utilization
- Review ongoing plans and projects
  - Houston REAL Plan
  - ConnectSmart application
  - City of Houston Freight Network Study
  - Active freight corridor projects
  - Houston and Beaumont District projects



## **Questions and Open Discussion**





#### **Questions for H-GAC**

- Are you aware of any truck parking issues or problem locations?
- Are you aware of any private truck parking improvements and/or investments in the region?
- Are there solutions (infrastructure, policy, or technology) you would like us to explore?
- Are there related studies we should that we should be aware for coordination?

# Agenda

- Welcome & Introductions
- Co-chair updates
  - Sydni Ligons, H-GAC, Senior Planner
- Regional Goods in the Project Selection Process
  - Craig Raborn, H-GAC, Director of Transportation
- H-GAC Regional Goods Movement Plan
  - Sydni Ligons, H-GAC, Senior Planner
- TxDOT Freight Parking Study (I-10 Corridor)
  - Paul S. Truban, TxDOT Project Manager
- Freight/transportation priorities for this legislative session panel
- Survey
  - Sydni Ligons, H-GAC, Senior Planner





# 88TH Legislative Bill Tracker

Bill No.	Last Action	Caption
HB 560	11/14/2022 H Filed	Relating to analyzing and mitigating transportation security threats in this state.
HB 321	11/14/2022 H Filed	Relating to authorizing the increase or decrease of the rates of the gasoline and diesel fuel taxes based on the cost of certain highway projects.
HB973	12/09/2022 H Filed	Relating to the creation and uses of the critical infrastructure resiliency fund and the eligibility of certain water-related projects for state financial assistance.

Please send bills to Sydni Ligons at <a href="mailto:Sydni.ligons@h-gac.com">Sydni.ligons@h-gac.com</a>



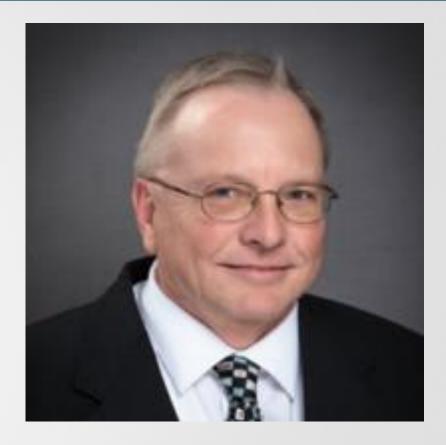
# Meet our panelist



Bruce Mann
Director Freight Mobility Port of Houston



Amy Skicki Executive Director -BayTran



James Koch
Director – TP&D, TxDOT
District Office – Houston



# Agenda

- Welcome & Introductions
- Co-chair updates
  - Sydni Ligons, H-GAC, Senior Planner
- Regional Goods in the Project Selection Process
  - Craig Raborn, H-GAC, Director of Transportation
- H-GAC Regional Goods Movement Plan
  - Sydni Ligons, H-GAC, Senior Planner
- TxDOT Freight Parking Study (I-10 Corridor)
  - Paul S. Truban, TxDOT Project Manager
- Freight/transportation priorities for this legislative session panel
- Survey
  - Sydni Ligons, H-GAC, Senior Planner



# Survey



Please see survey in MS Teams chat box



## Announcements



#### Informational Items

- The Role of Title VI and Environmental Justice in Transportation Planning
  - Thursday, February 16
  - 9:30 AM to 12 PM Via Zoom



- RTP Comment PeriodMarch 15-17th
- RTP Public Meeting
  - Virtual, Tentatively March 21



# Adjournment



- Next meeting Dates
  - June 7, 2023 (tentative)
  - Oct 4, 2023 (tentative)
  - 4th meeting date TBD

Staff contact: Sydni Ligons <u>sydni.ligons@h-gac.com</u>

