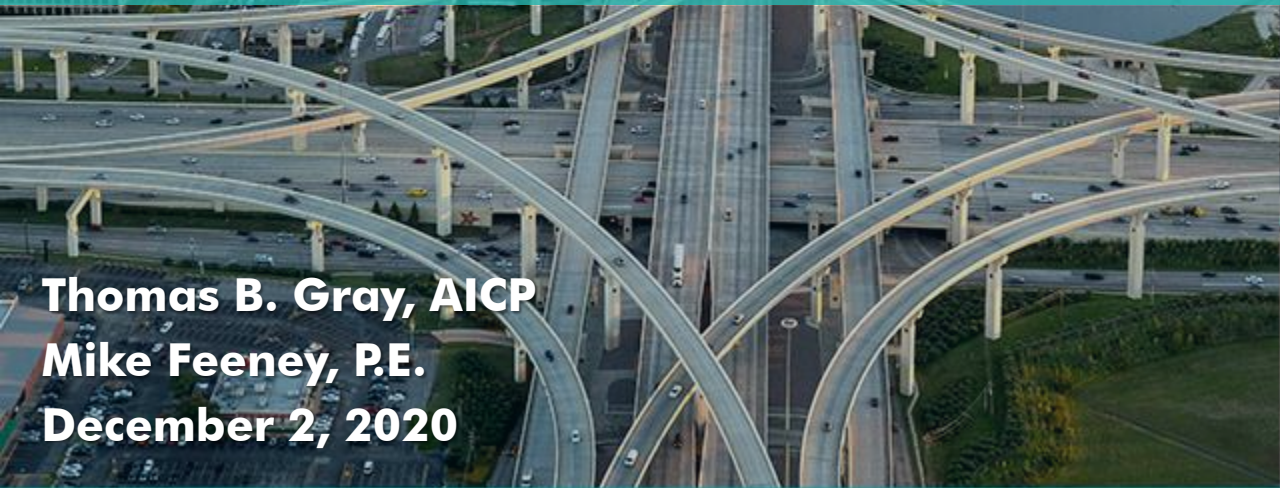




Liberty County Mobility Study

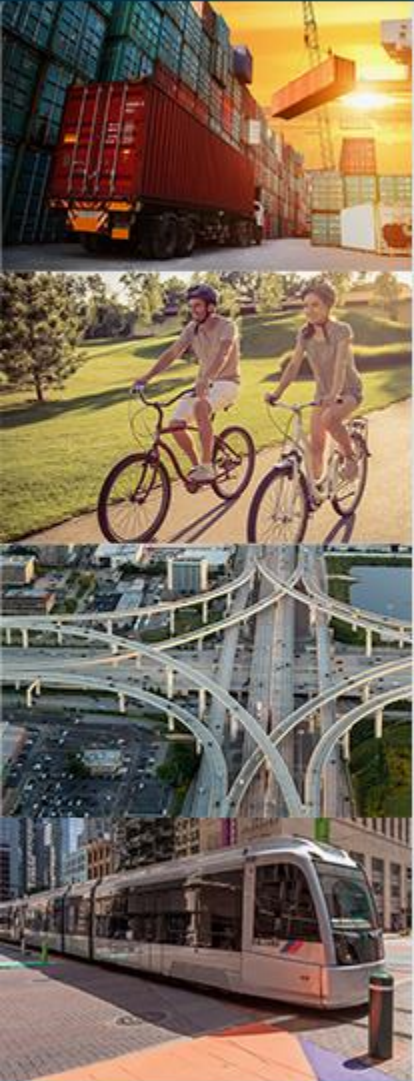


Thomas B. Gray, AICP
Mike Feeney, P.E.
December 2, 2020

Agenda

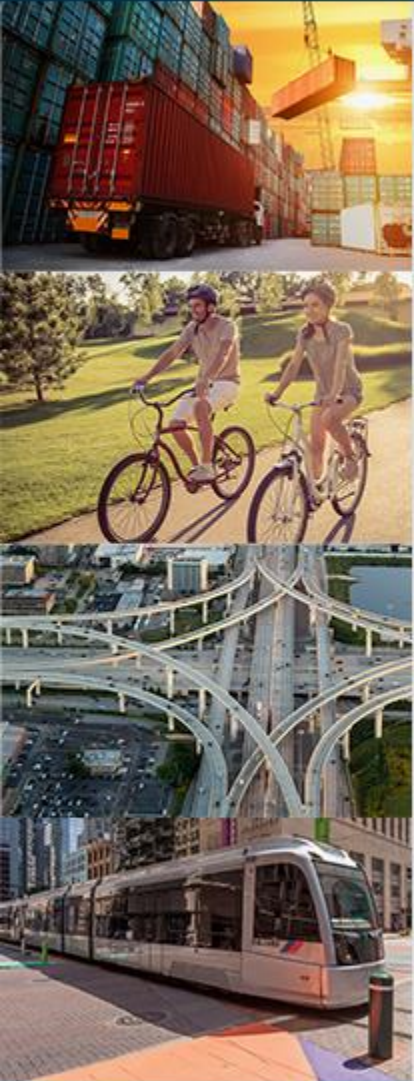


1. Introductions (10 minutes)
2. Project Overview (10 minutes)
3. Vision and Goals – DRAFT (10 minutes)
4. Public Involvement Plan (10 minutes)
5. Identified Issues and Needs (20 minutes)
6. Existing Conditions (15 minutes)
7. Steering Committee Comments (40 minutes)
8. Next Steps (5 minutes)



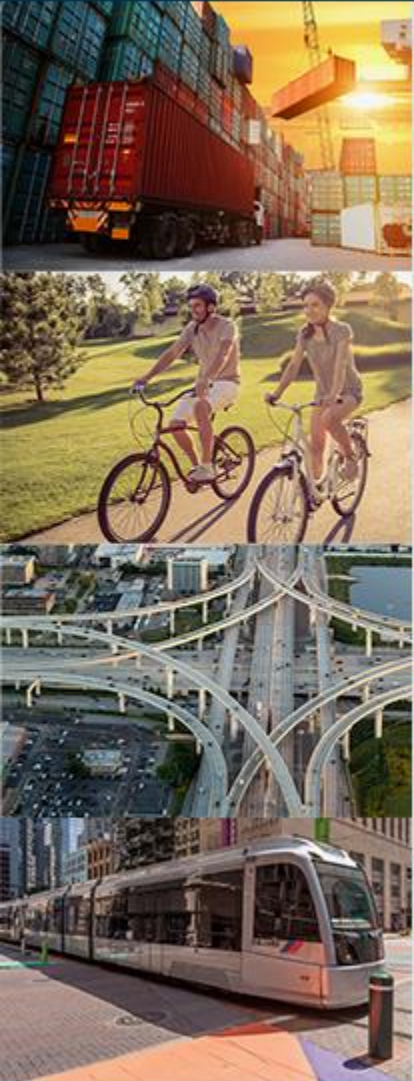
Introductions

Steering Committee



Liberty County Engineer's Office	David Douglas	County Engineer
City of Cleveland	Robert Pennington	City Manager
City of Dayton	Kimberly Judge	Assistant City Manager / Director of Development Services
City of Liberty	Tom Warner	City Manager
	Chris Jarmon	Assistant City Manager
TxDOT	Noel Salac	Liberty County Engineer
TxDOT	Jeffrey English	TxDOT Houston District
UPRR?	<i>Richard Zientek</i>	<i>Senior Director – Public Affairs</i>
Brazos Transit District?	<i>TBD</i>	<i>TBD</i>

H-GAC Staff



Project Management and Planning

Thomas Gray, AICP - - - Project Manager

Allie Isbell, AICP

Justin Kuzila

Carlene Mullins

Susan Jaworski

Communications

Francis Rodriguez

Meagan Coughlin

Ashley Seals

Keith Garber

Kristina Michel

Lauren Preston

Ashley Seals

Crystal Thomas

Modeling/GIS

Chris van Slyke

Huong Cao

David Gao

Donte Green

Consultant Team



Project Management
Communications
Modeling



Client
Project Review

Project Management
Issues & Needs



Analysis
Final Report

Policy Assessment
Implementation/Funding



Analysis
Implementation

Multimodal
Considerations



Data Collection

Introductions – Consultant Team



Kimley»Horn

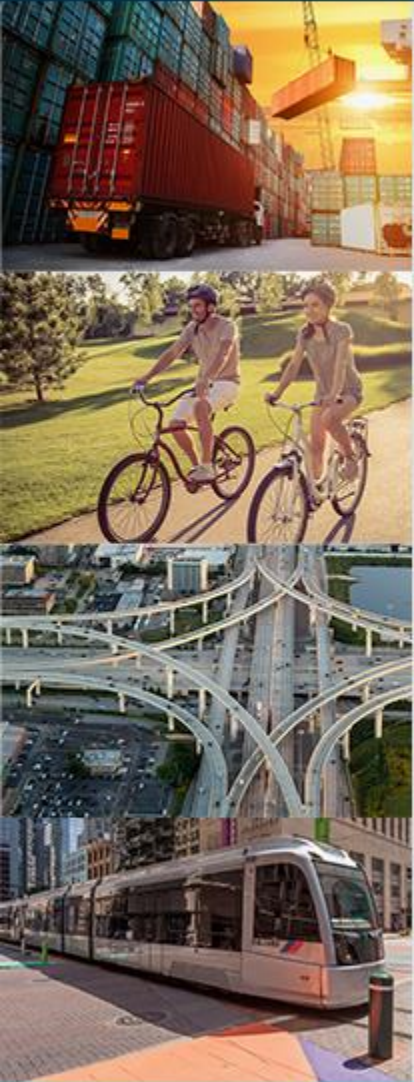


Name	Role	Email
Kimley-Horn		
Michael Feeney, P.E.	Project Manager	Michael.Feeney@kimley-horn.com
Kevin Hoppers, P.E., PTOE	QA/QC	Kevin.Hoppers@kimley-horn.com
Josie Ortiz, AICP	Deputy Project Manager	Josie.Ortiz@kimley-horn.com
Monica Powell, AICP	Deputy Project Manager	Monica.Powell@kimley-horn.com
Payton Arens, P.E.	Engineer	Payton.Arens@kimley-horn.com
Andi Vickers	Analyst	Andi.Vickers@kimley-horn.com
Simona Barbu	Accountant	Simona.Barbu@kimely-horn.com
Knudson, LP		
Patti Joiner, FAICP	Senior Planner	pjoiner@knudsonlp.com
Venisa Guzman	Planner	vguzman@knudsonlp.com
Christina Cornelius	Planner	ccornelius@knudsonlp.com
Walter Morris	Data Scientist	wmorris@knudsonlp.com
CivilCorp		
Thomas Kuykendahl, P.E.	Engineer	tkuykendall@civilcorp.us
Asakura Robinson		
Matt Rufo, AICP	Planner	matt@asakurarobinson.com
CJ Hensch		
Roger Allen	Data Collection	RogerAllen@cjhensch.com



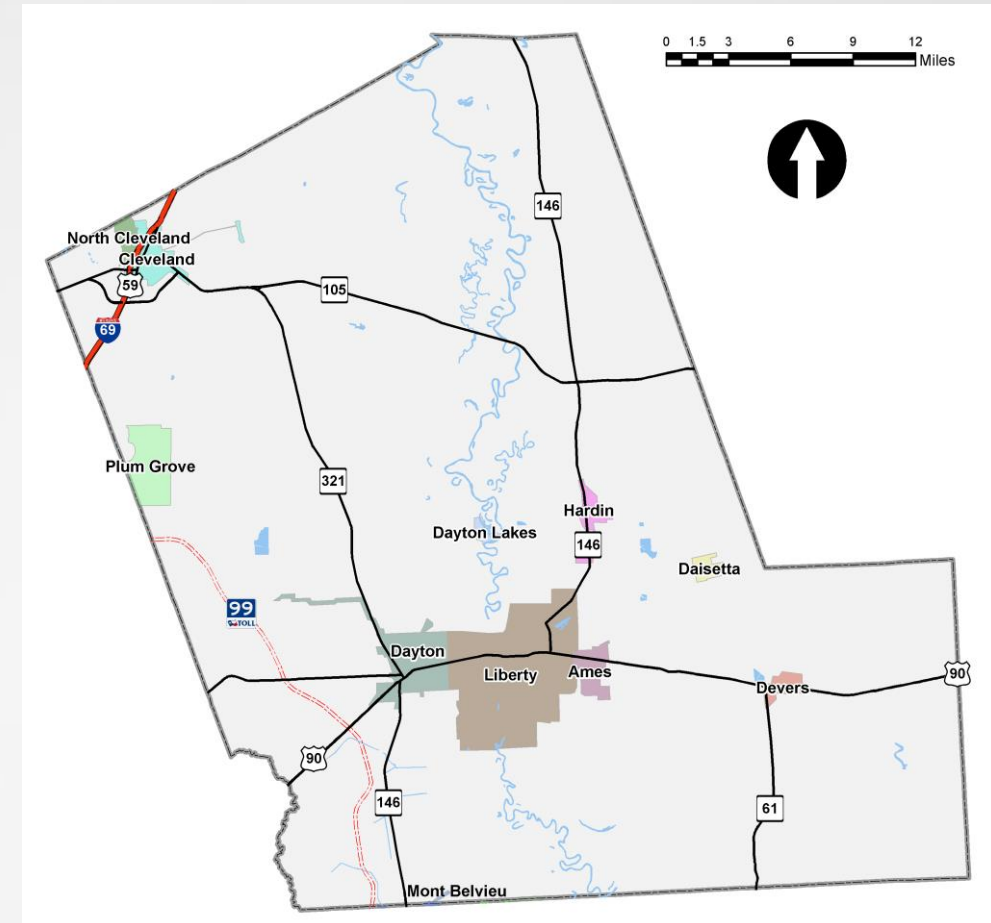
Project Overview

Project Overview – Purpose and Study Area

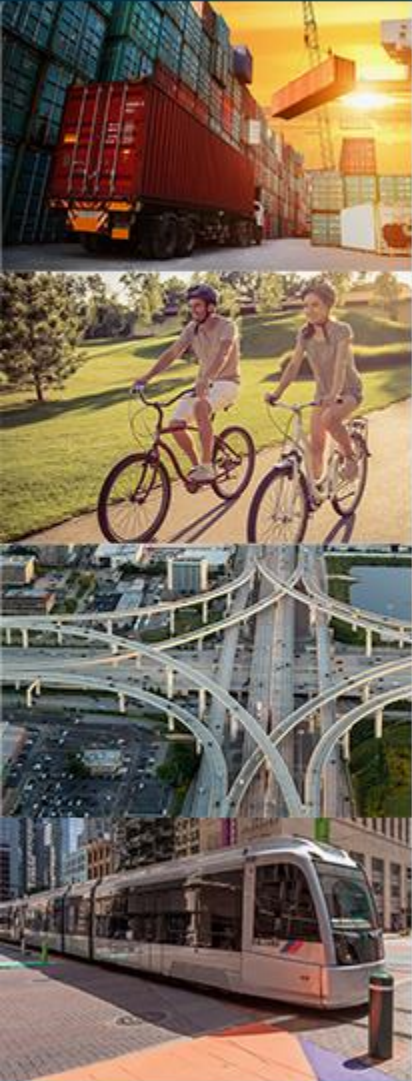


Conduct a study and develop a Comprehensive Mobility Plan for Liberty County:

- Analyze existing transportation network
- Consider existing and future land use and growth scenarios
- Recommend improvements for transportation for residents, businesses and visitors
- Individual assessments for Cities of Cleveland, Dayton, and Liberty

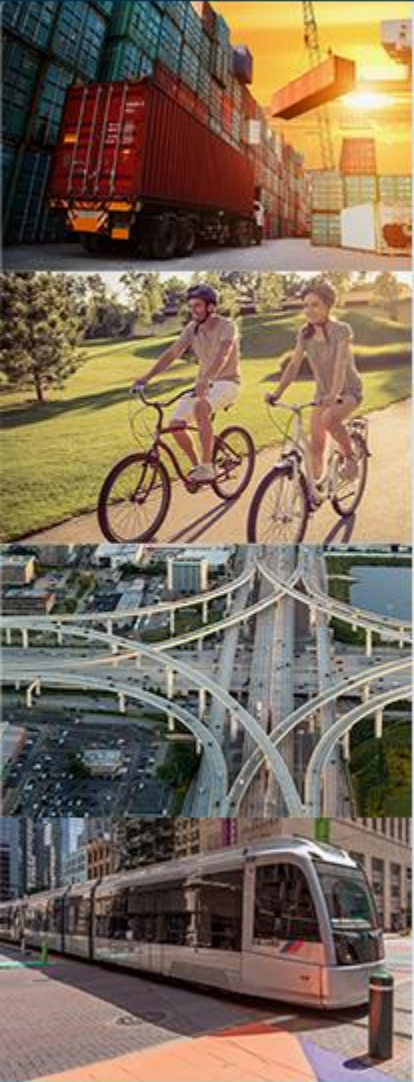


Project Management – Draft Schedule



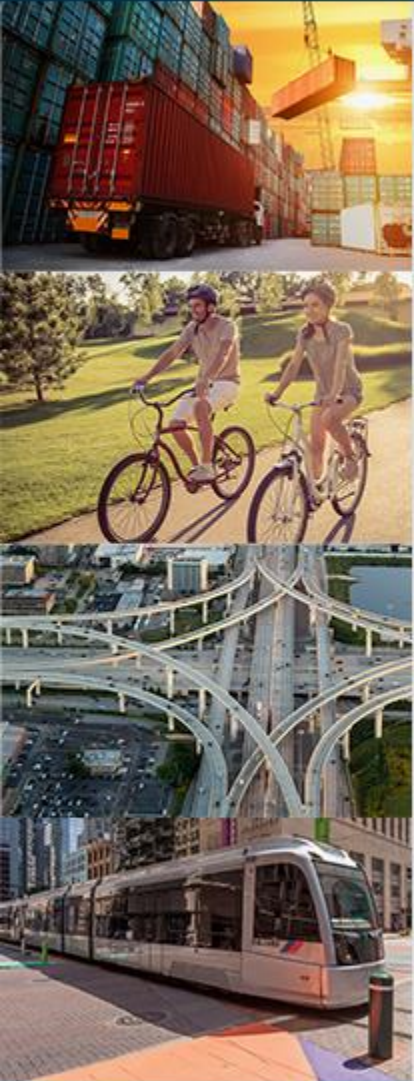
LIBERTY COUNTY MOBILITY PLAN SCHEDULE						
Task	2020		2021			
	Fall	Winter	Spring	Summer	Fall	Winter
Identification of Issues and Needs	[Duration of Task]		[Duration of Task]			
Data Assembly and Evaluation			[Duration of Task]			
Analysis		[Duration of Task]	[Duration of Task]			
Implementation and Funding Plan			[Duration of Task]			
Final Report			[Duration of Task]			
Public Outreach		●	● ● ●	●	● ● ● ●	●

- Duration of Task
- Steering Committee meeting
- Stakeholder meeting
- Public meeting
- Online engagement activity



Vision & Goals

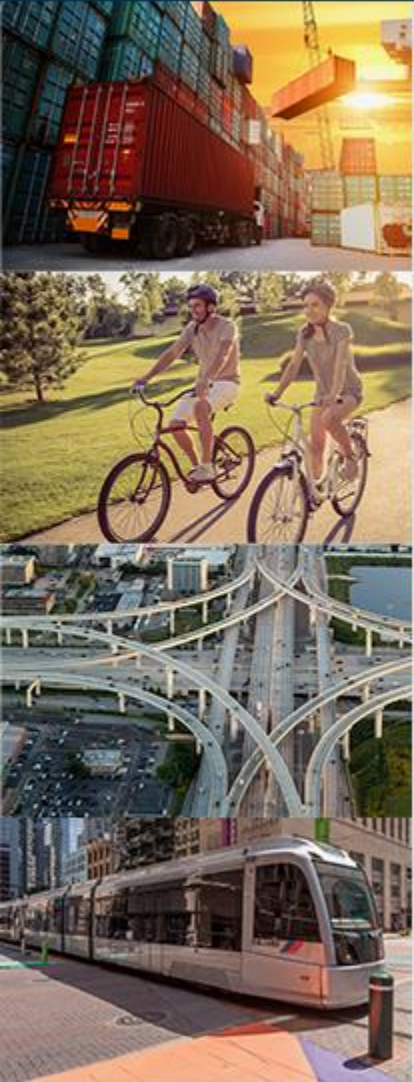
Vision - Draft



The vision of the Liberty County Mobility Study is to address County needs through multimodal transportation, development, and economic policy, while meeting H-GAC's goals of mobility, safety, and enabling economic opportunity.



Goals - Draft



1. Provide mobility solutions and travel options for daily travelers
2. Increase efficiency of freight traffic
3. Increase capacity at high-congestion corridors and intersections
4. Improve safety at high-crash segments and intersections
5. Enhance economic opportunity in focus areas

Goals - Draft

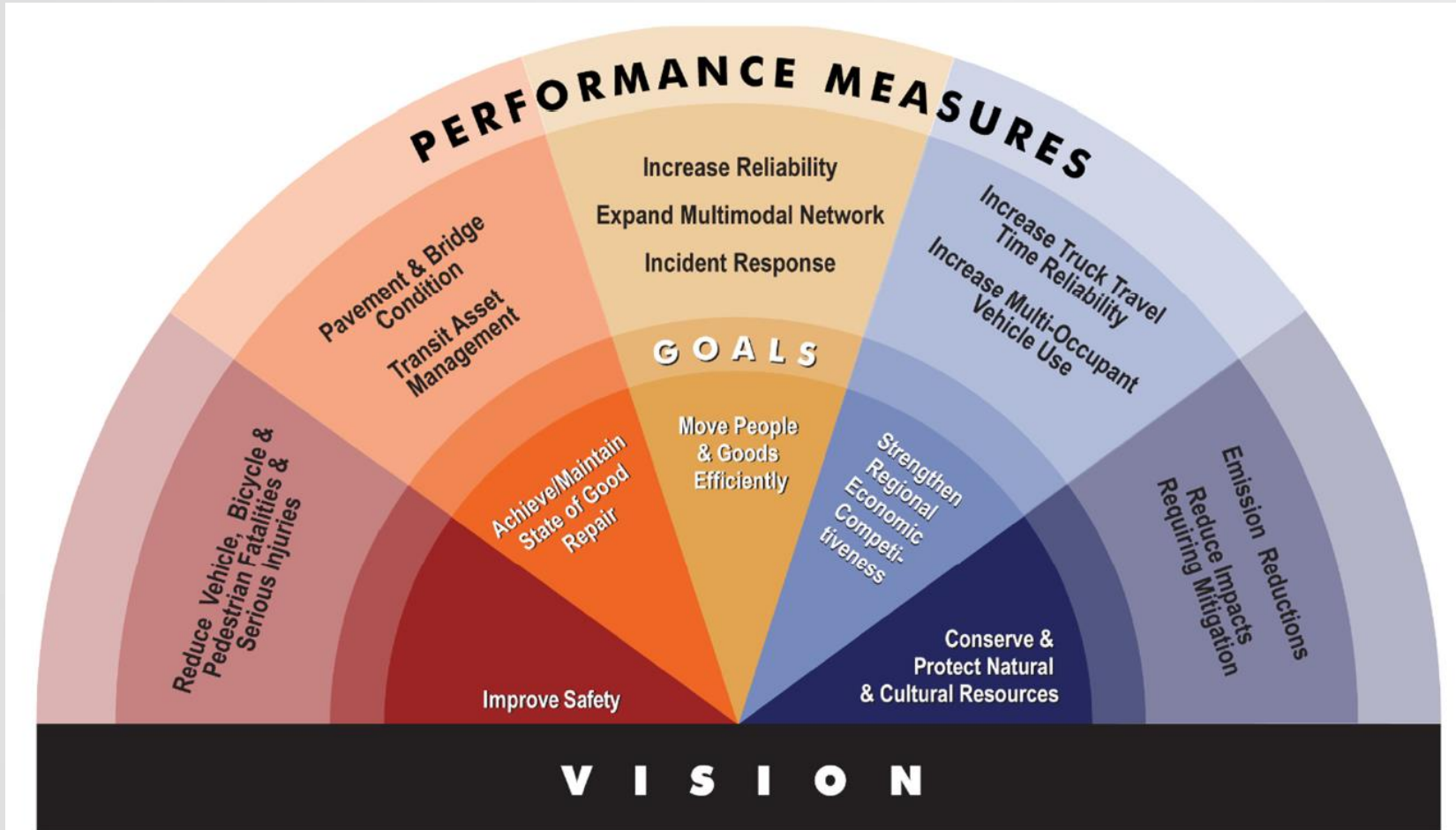
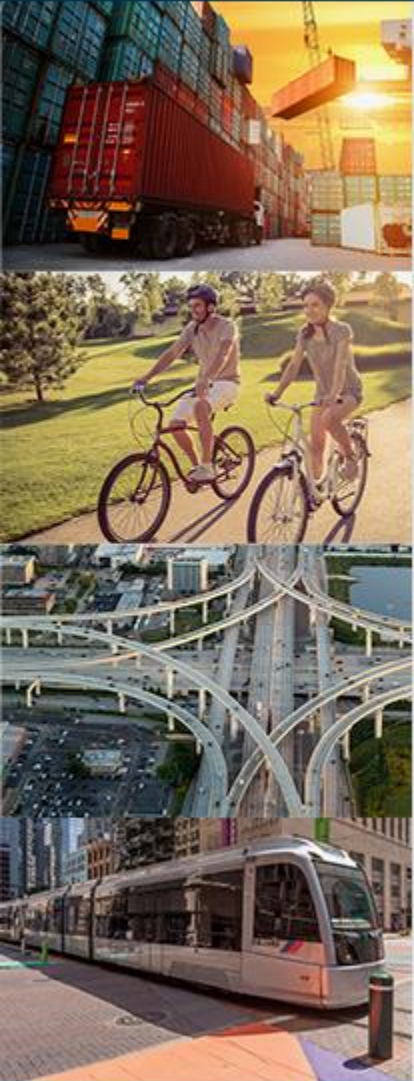
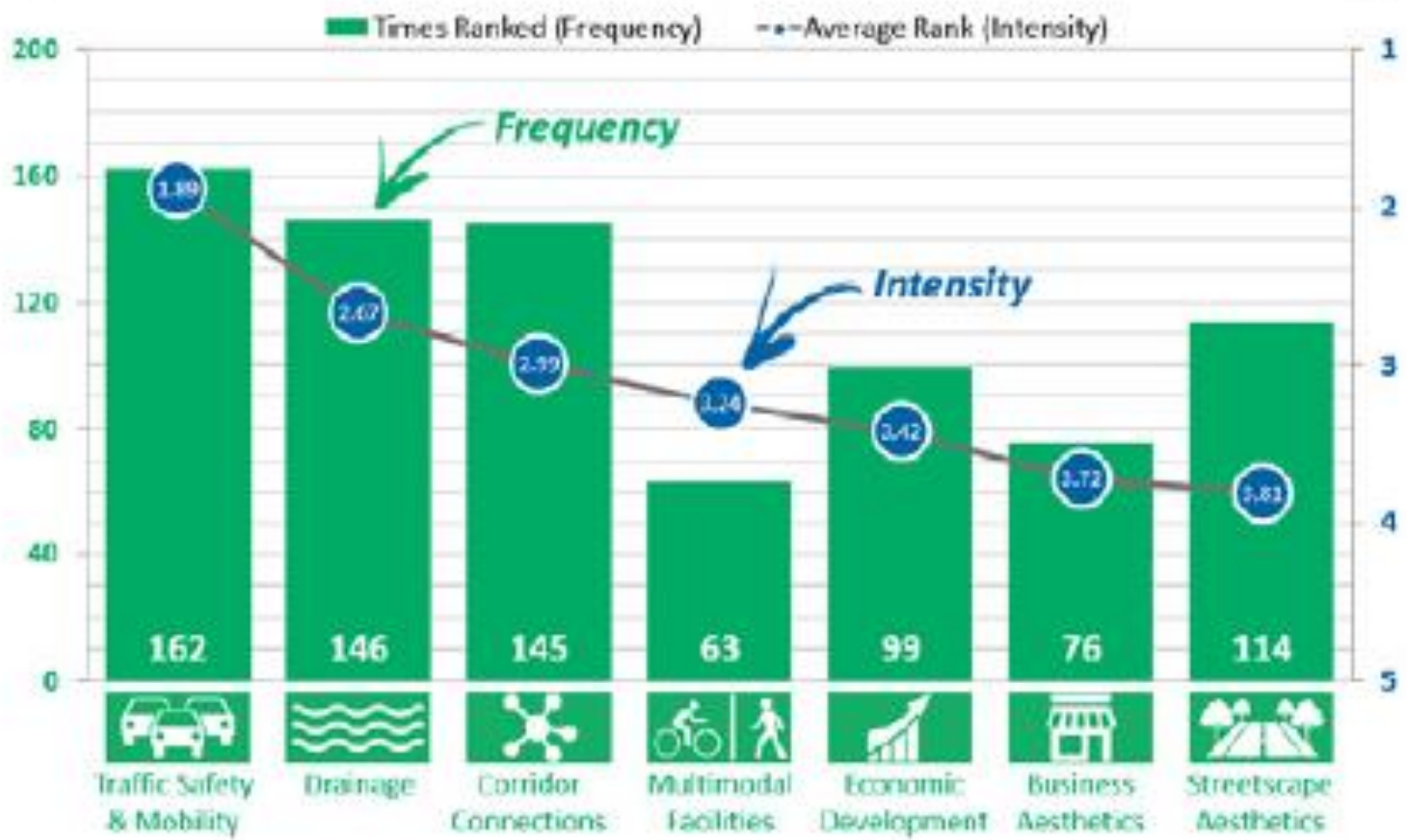


Figure 2-1: 2045 RTP Vision, Goals, and Performance Measures

CORRIDOR PRIORITIES

Broadway Street is a dynamic corridor with many competing interests. While emphasizing that each topic is important, participants were asked to identify their main concerns within the study area.

- **TRAFFIC SAFETY & MOBILITY** was ranked in the top 5 most often, and when ranked, received the highest average score.
- **DRAINAGE** and **CORRIDOR CONNECTIONS** were ranked in in the top 5 nearly the same number of times, but **DRAINAGE** was ranked higher on average.
- The gap between frequency and intensity for **MULTIMODAL FACILITIES** suggests that while not everyone thought it was important, those that did thought it was very important.
- There's a clear distinction in the frequency of responses between the top 3 categories and the bottom four categories.



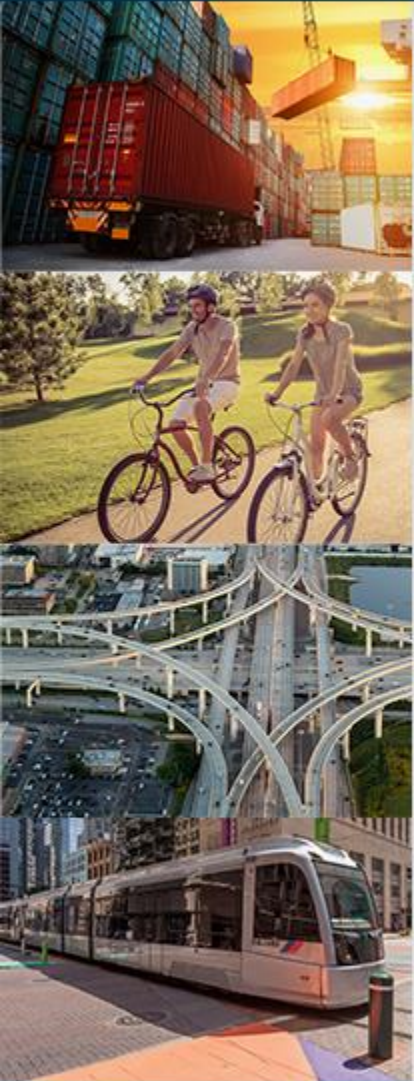
Steering Committee



- City of Cleveland
- City of Dayton
- City of Liberty
- Liberty County
- TxDOT
- UPRR?
- Brazos Transit District?



Stakeholder / Public Outreach



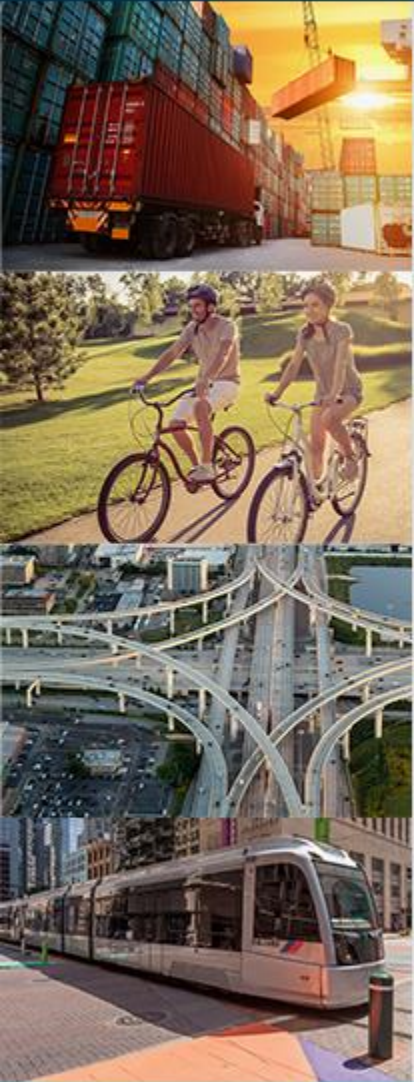
County contains two “outreach areas”:
Cleveland area and Liberty/Dayton area

Stakeholder Groups

- Two rounds of meetings
- Possible members:
 - Business owners
 - Developers
 - Chambers of Commerce
 - School Districts
 - Public safety groups
 - Industry leaders
 - Advocacy groups

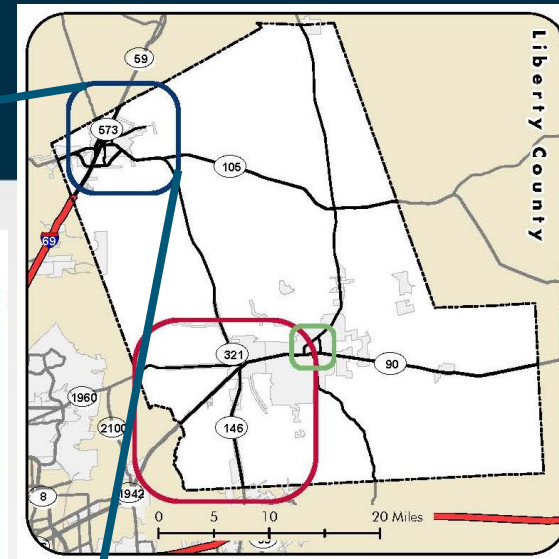
Public Meetings

- Two rounds of meetings
- Online survey/public comment platform
- Bilingual materials – English and Spanish
- Translation services
- Partnerships with community events



Identified Issues & Needs

Study Corridors

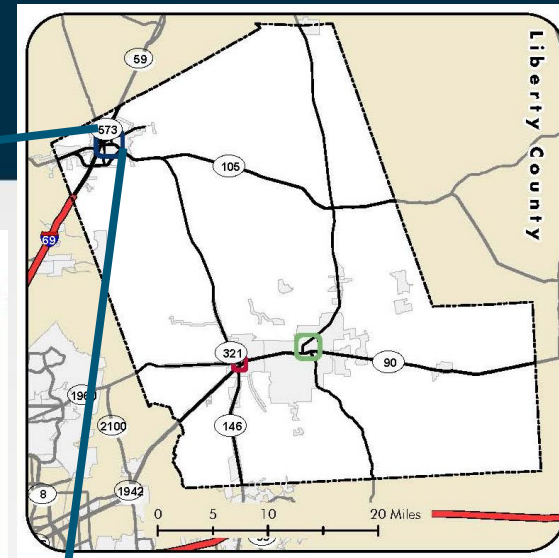
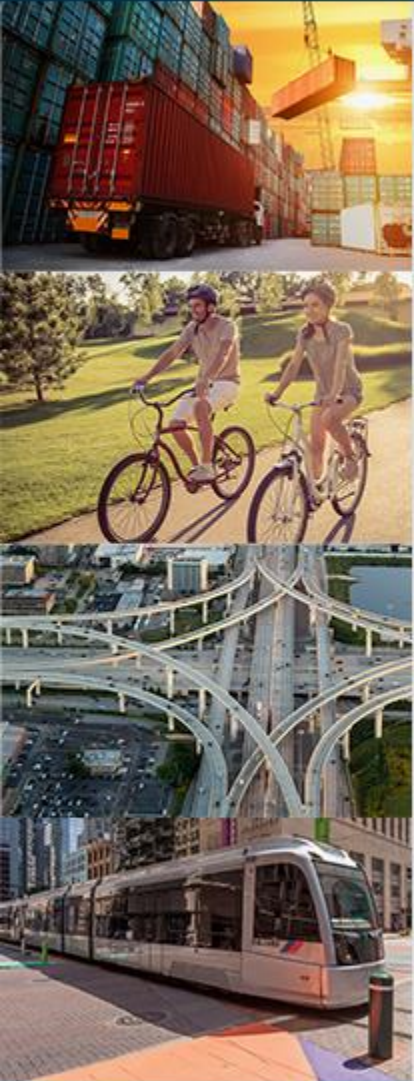


- Liberty County Roadways
- Interstate
 - Freeway/Expressway
 - Principal Arterial
 - Minor Arterial
 - Major Collector
 - Local
 - Study Corridors
 - Study Intersections
 - Liberty County
 - Cities

ID Name

A	SH 105 - SH 105 to US 59
B	FM 2025 - US 59 to Miller Wilson Rd
C	Houston Ave - FM 787 to SH 105
D	N Travis Ave - Travis Ave to N County Limits
E	CR 2243 - N County Limits to SH 105
F	CR 2204/2239 - N County Limits to SH 321

Study Intersections

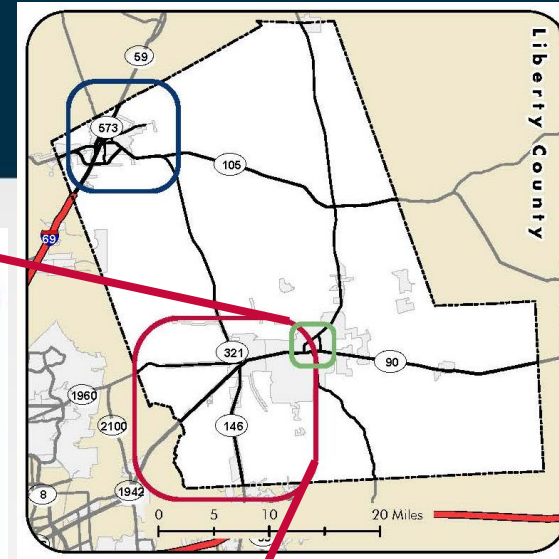
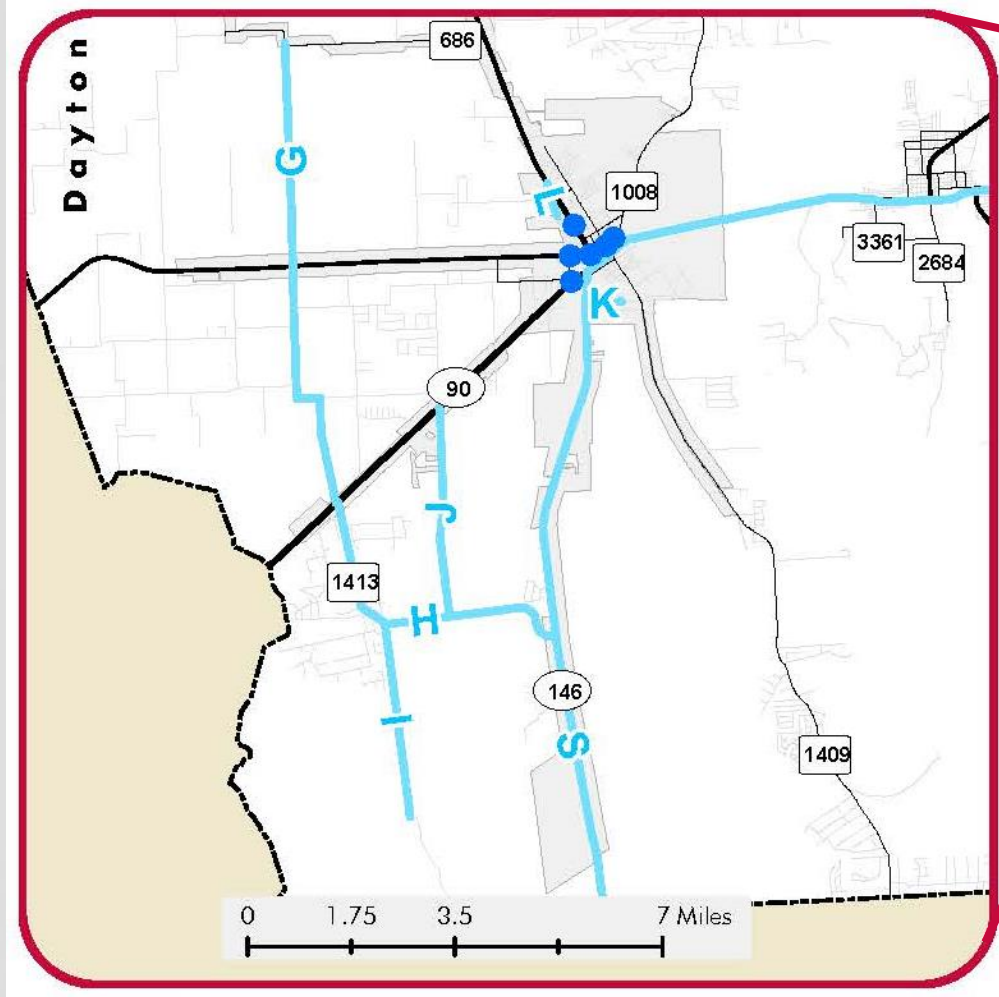
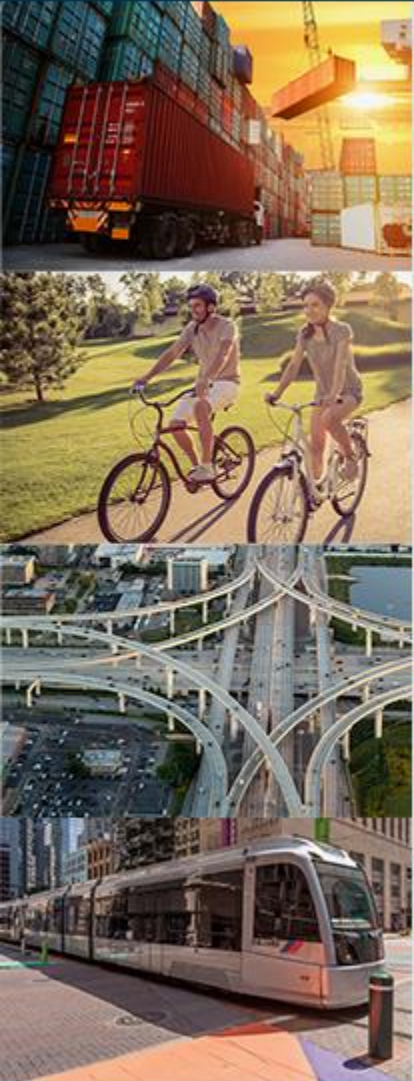


- Liberty County Roadways
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
ID Intersection

- | | |
|---|-------------------------|
| 1 | FM 2025 at US 59 |
| 2 | US 59 and UPRR |
| 3 | SH 105 and Hwy 321 East |

Study Corridors



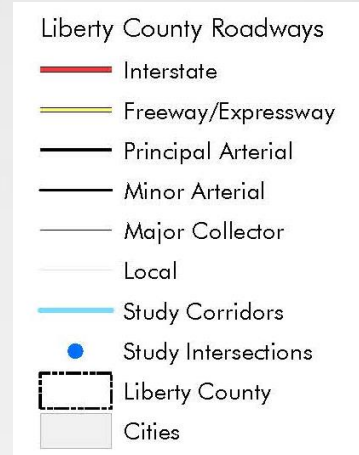
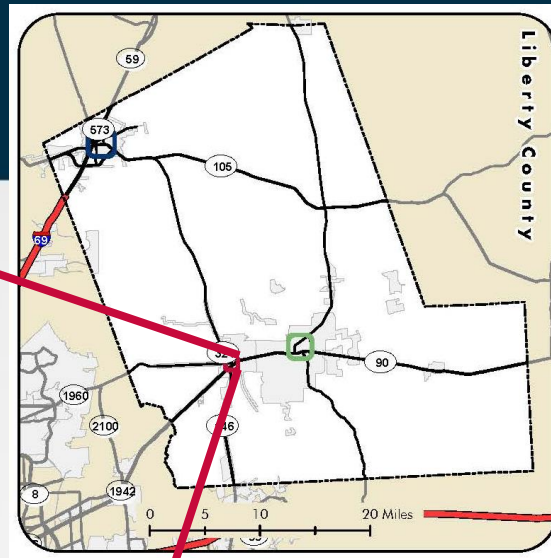
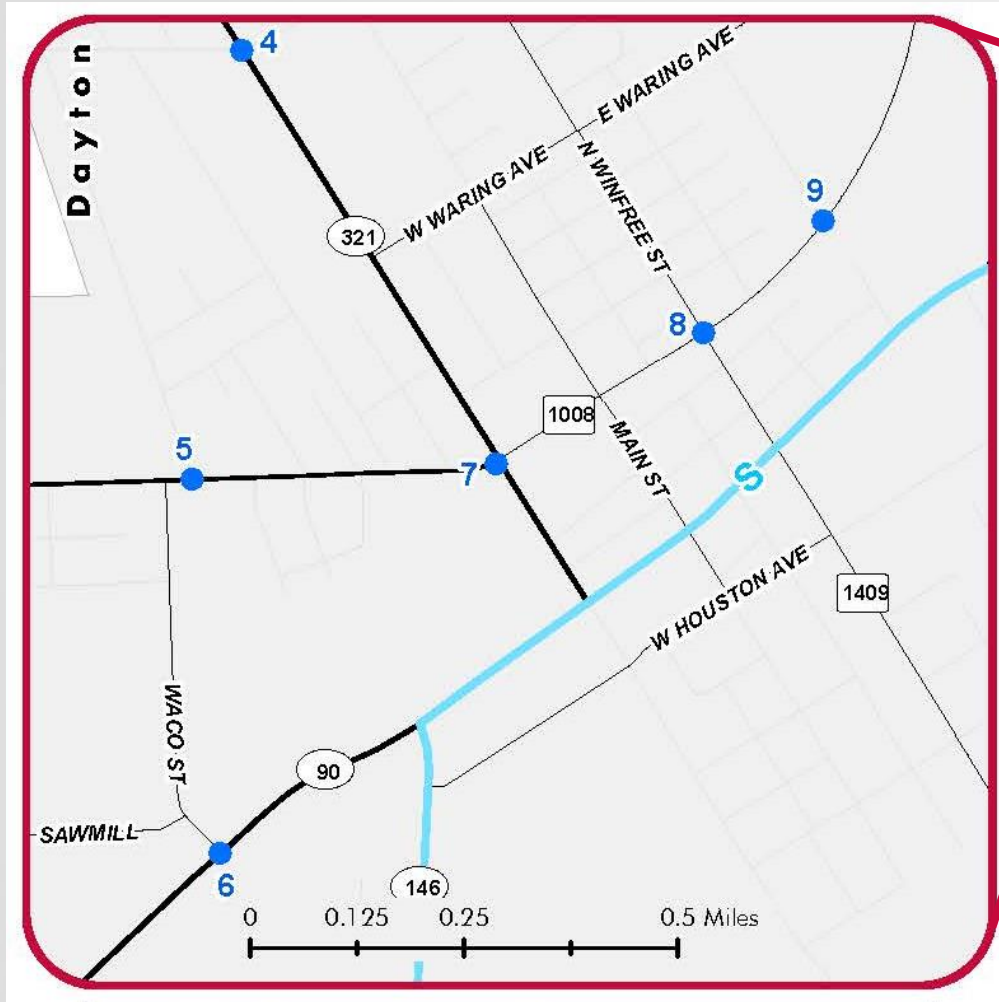
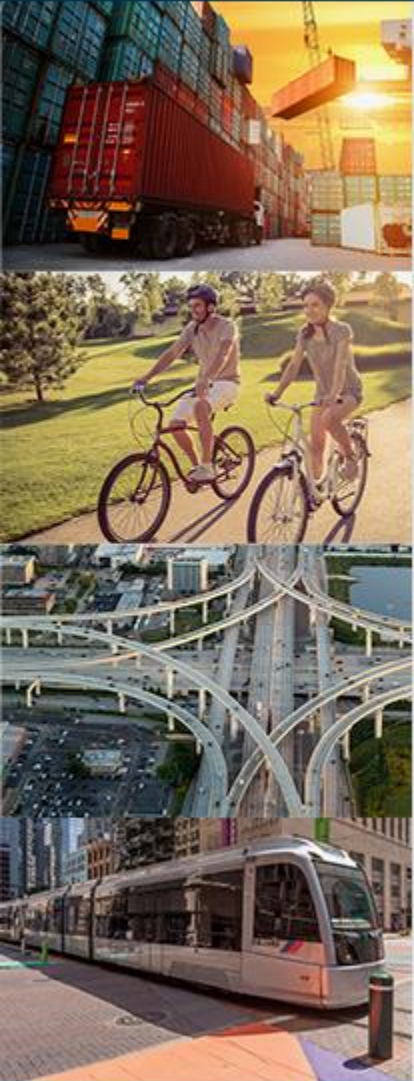
Liberty County Roadways

-  Interstate
-  Freeway/Expressway
-  Principal Arterial
-  Minor Arterial
-  Major Collector
-  Local
-  Study Corridors
-  Study Intersections
-  Liberty County
-  Cities

ID Name

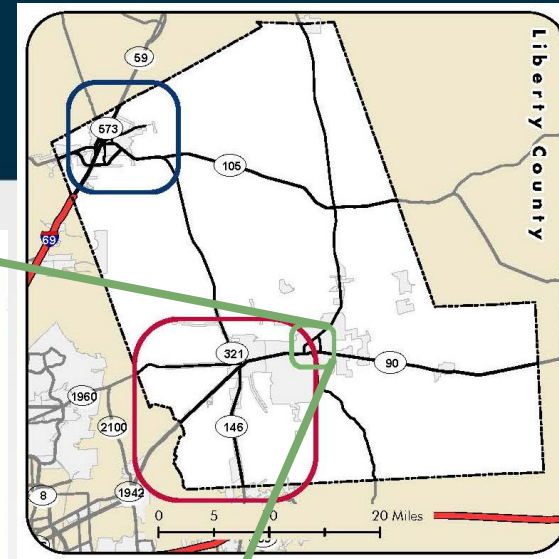
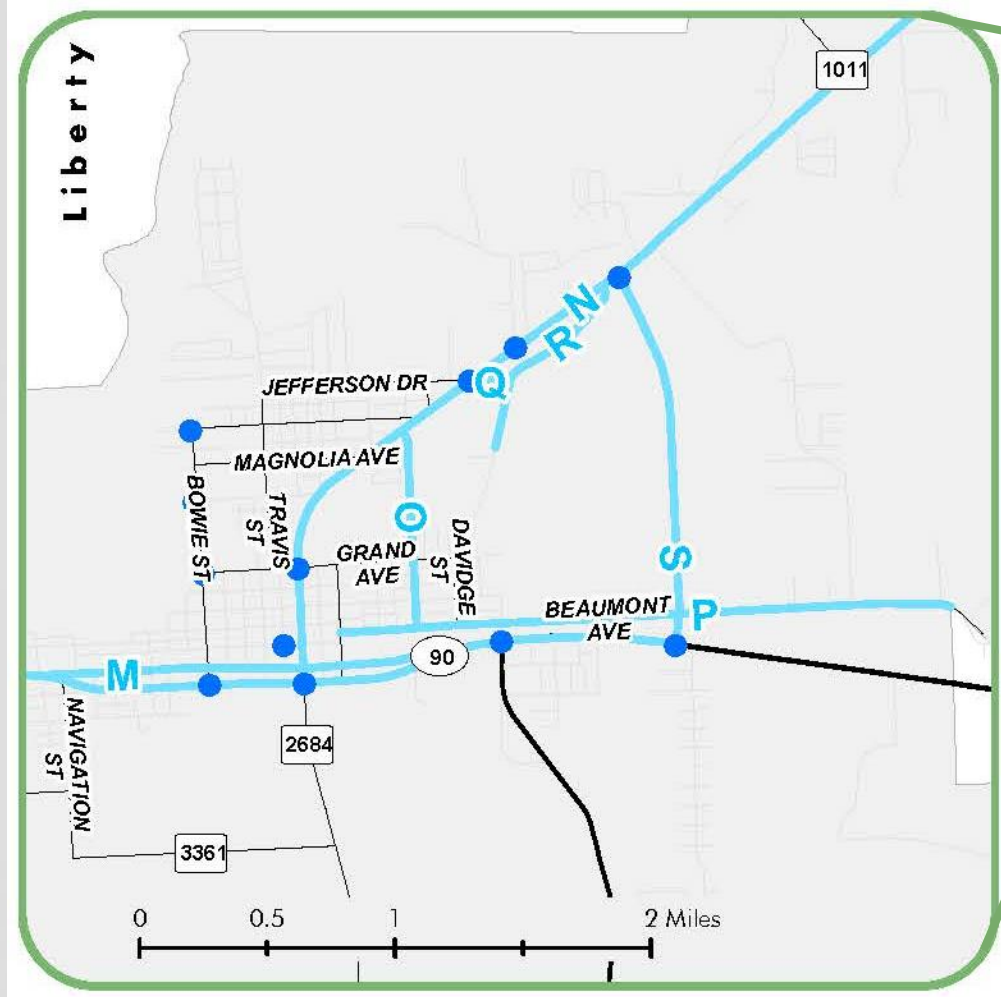
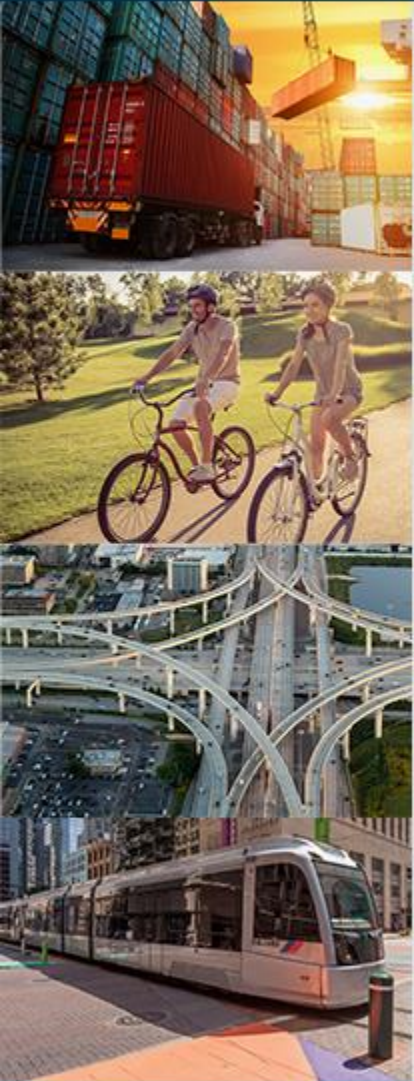
G	CR 604/615 - FM 686 to US 90
H	FM 1413 - US 90 to SH 146
I	CR 486 - FM 1413 to 17,419' S
J	CR 491 - US 90 to FM 1413
K	Lovers Ln - SH 146 to Lovers Ln
L	Waco St - Tram Rd to Waco St
S	SH 146 - N County Limits to S County Limits

Study Intersections



ID	Intersection
4	FM 321 and Linney Street
5	FM 1960 and Waco Street
6	Waco Street and US 90
7	FM 1960 and SH 321
8	Winfree Street and Clayton Street
9	Low Street at Clayton Street

Study Corridors



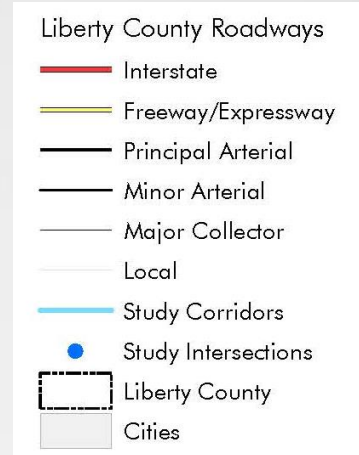
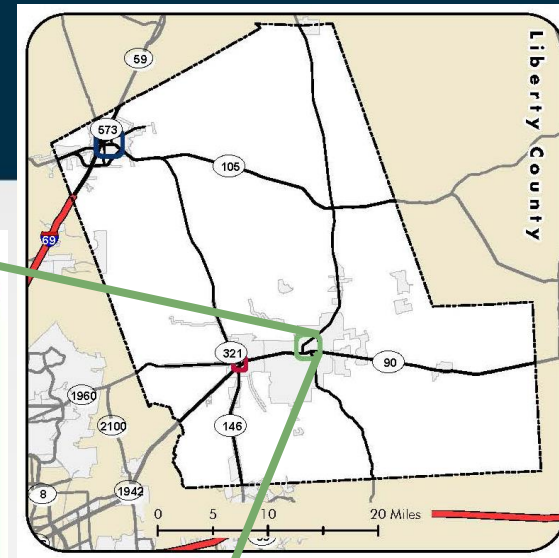
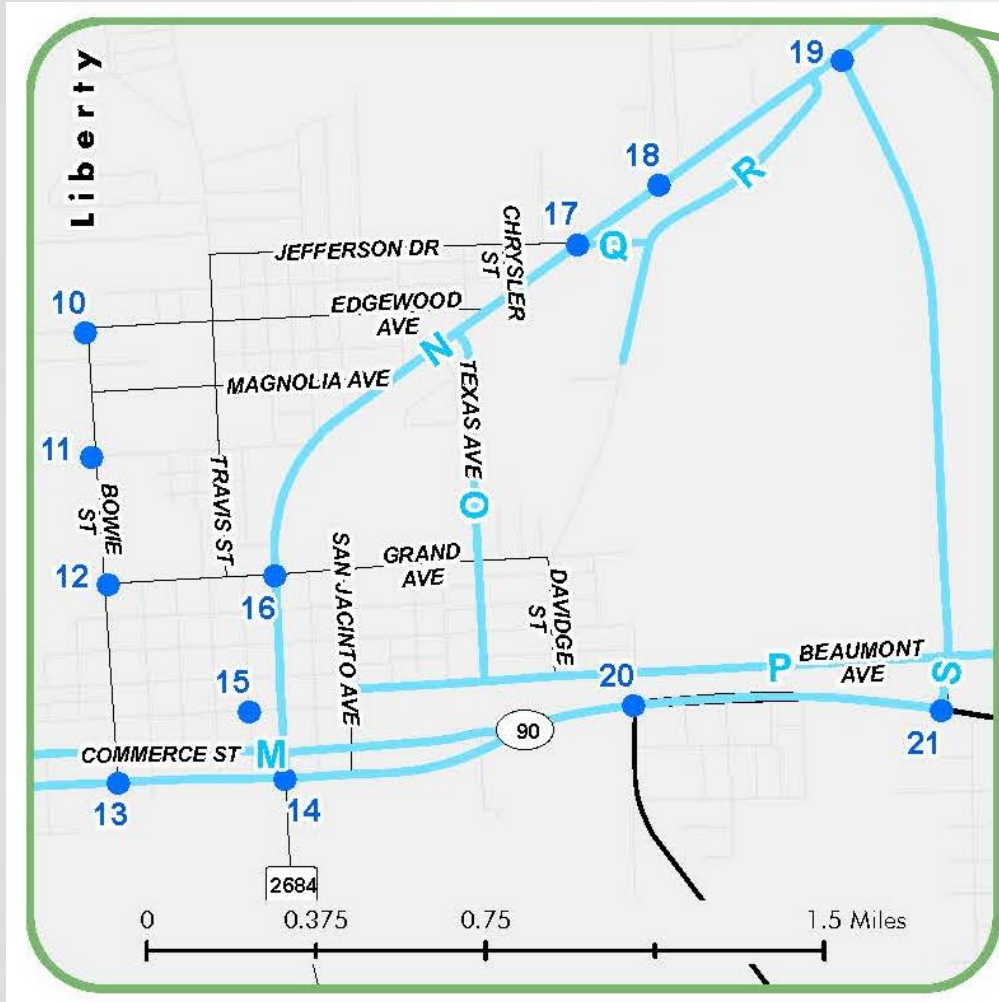
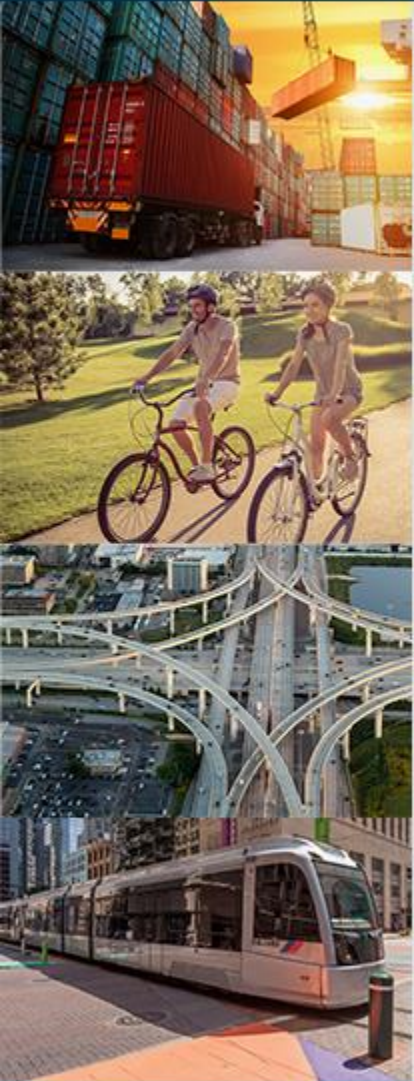
Liberty County Roadways

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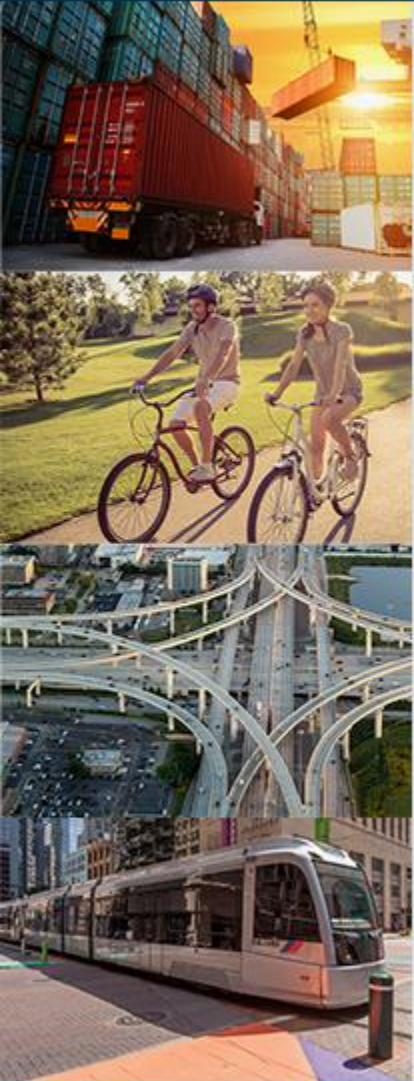
ID Name

M	MLK Jr Dr - US 90 to US 90
N	Main St - SH 146 to US 90
O	Texas St - Main St to Beaumont Ave
P	Beaumont Ave - San Jacinto St to E City Limits
Q	Jefferson Dr - Main St to Lakeland Dr
R	Lakeland Dr - Woodspring Rd to Main St
S	SH 146 - N County Limits to S County Limits

Study Intersections



ID	Intersection
10	Bowie and Edgewood
11	Bowie Street and Monta Street
12	Bowie Street and Grand Avenue
13	US 90 and Bowie Street
14	US 90 and Main Street
15	Sam Houston Street and Trinity Street
16	Main Street and Grand Avenue
17	Jefferson Drive at Main Street
18	N Main Street and Cook Road
19	SH 146 and Main Street
20	US 90 and Independence
21	US 90 and SH 146



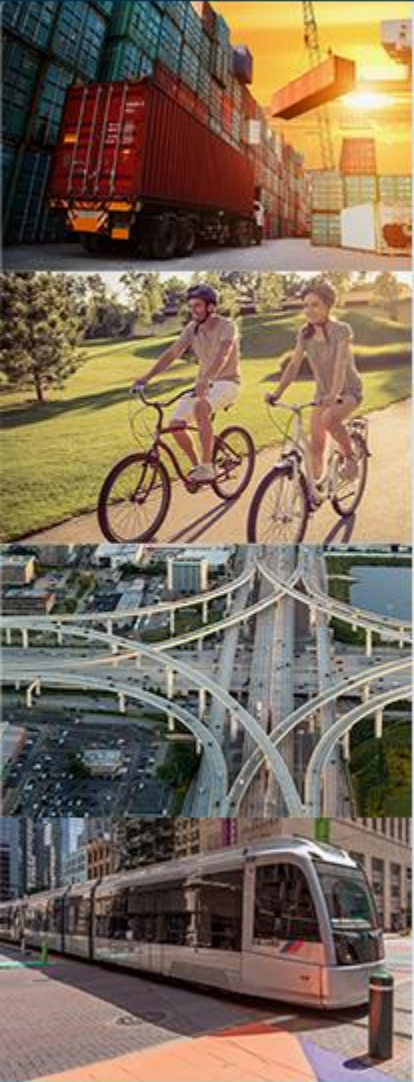
Existing Conditions

Existing Conditions – Phase 1 Data Collection

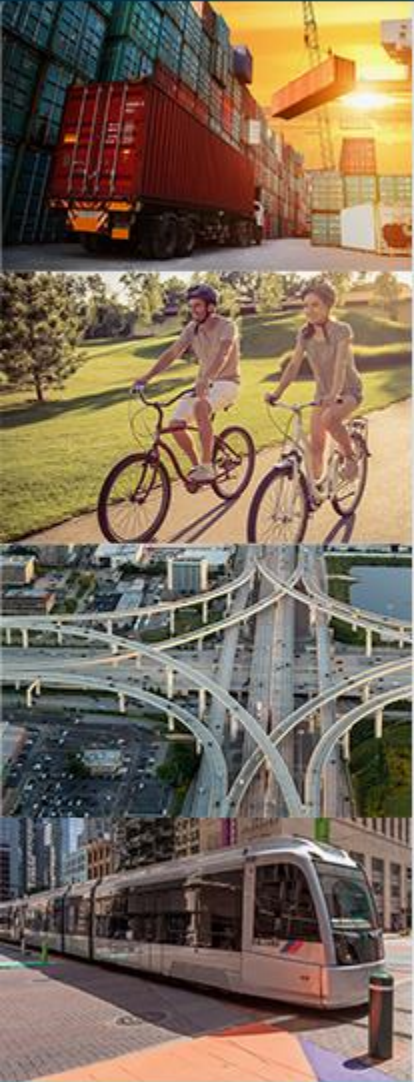


Data Dashboard

- Population
- Employment
- Roadway network
- Ped, bike, transit network
- Freight network
- Flooding and evacuation routes
- Connectivity analysis
- Crash data
- Land use
- Environmental features
- Identified needs by City/County

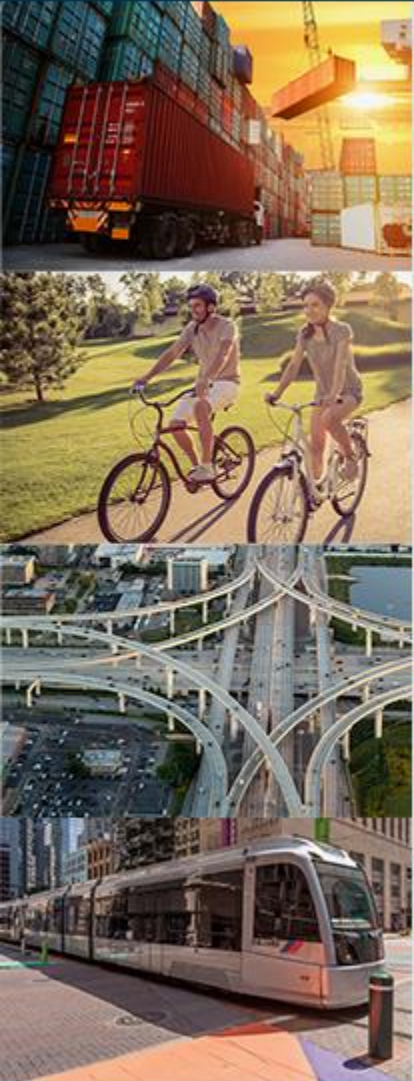


Steering Committee Comments



Next Steps

Next Steps



- Finalize Steering Committee
- Develop Stakeholder Committee
- Public Involvement Plan
- Online Public Engagement Tool
- Data Dashboard
- GIS Data Share
- Data Collection

Contacts

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- Allie Isbell, AICP – Allie.Isbell@h-gac.com

Project website:

<https://h-gac.com/subregional-planning/liberty-county-study.aspx>

