

Agenda



Presentation

- 1. Introductions
- 2. Project Overview
- 3. Open Discussion Stakeholder Participation
- 4. Vision and Goals
- 5. Identified Issues and Needs
- 6. Prompted Discussion Stakeholder Participation
- Next Steps





Introductions



Project Team



Project Manager – Thomas Gray, AICP

Project Management Communications Modeling

Houston-Galveston Area Council

Project Manager – Michael Feeney

Project Management ____ Kimley » Horn ____ Analysis Final Report

Policy Assessment _____Implementation/Funding







Steering Committee



Liberty County Engineer's Office	David Douglas	County Engineer	
City of Cleveland	Robert Pennington	City Manager	
City of Dayton	Kimberly Judge y Development Ann Marie Miller Tom Warner	Assistant City Manager / Director of Development Services	
Dayton Community Development Corporation	Ann Marie Miller	Executive Director	
City of Cleveland City of Dayton Cayton Community Development Corporation City of Liberty	Tom Warner	City Manager	
City of Liberty	Robert Pennington Kimberly Judge Ann Marie Miller	Assistant City Manager	
	Noel Salac	Liberty County Engineer	
TxDOT	Lisa Collins	Beaumont District	
	Jeffrey English	Houston District	



Stakeholders















Government







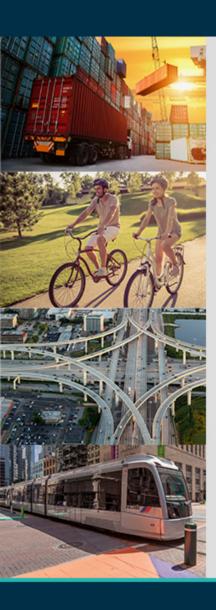


Stakeholders



Union Pacific Railroad & BNSF Railroad	Transportation
Brazos Transit District	Transportation
Liberty County Sheriff's Department	Law Enforcement
Local Police (Cleveland, Dayton, Liberty)	Law Enforcement
Texas Department of Parks and Wildlife	Law Enforcement/Environment
Cleveland Fire	Emergency
ISD (Cleveland, Tarkington, Dayton, Liberty, Hardin)	School Districts
Mayor of Plum Grove	Government
Port of Houston	Government
Chambers of Commerce (Greater Cleveland & Liberty-Dayton Area)	Business
State Farm Insurance & Liberty Pest Control	Local Business
Liberty-Dayton Regional Medical Center	Healthcare
Colony Ridge & Pelco Builders	Developers
Poole Realty Group	Real Estate
Cornerstone Church – Cleveland and Liberty	Faith

METROPOLITAN PLANNING ORGANIZATION



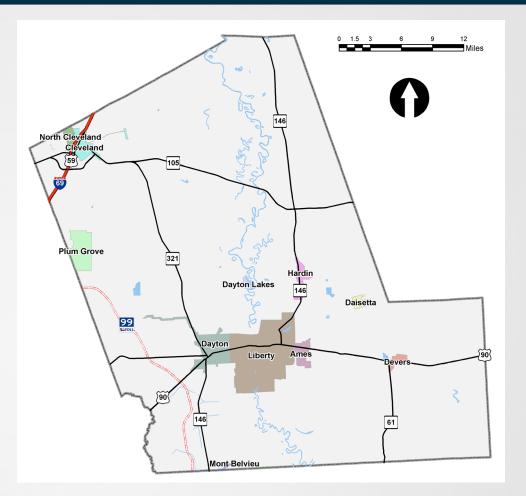
Project Overview



Purpose and Study Area



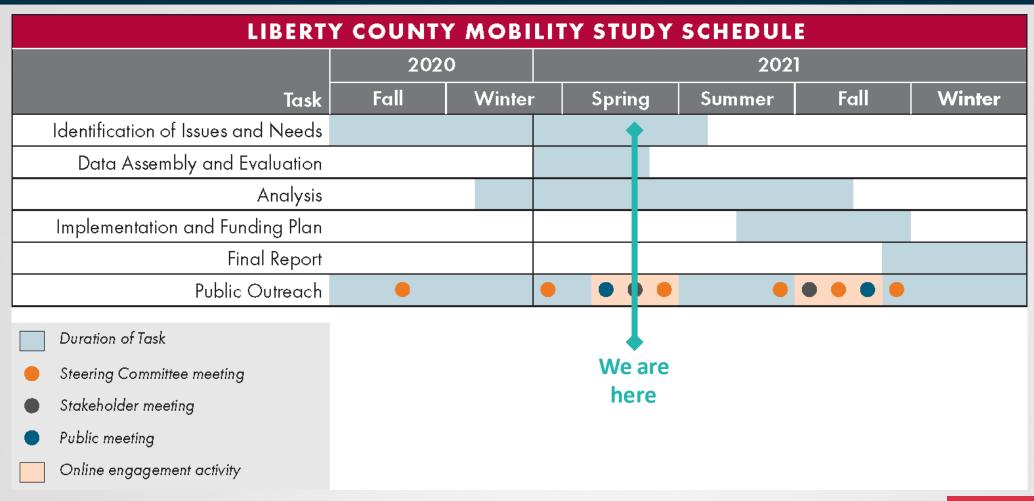
- Analyze the existing transportation network
- Consider existing and future land use and growth scenarios
- Recommend ways to improve transportation mobility for residents, businesses and visitors now and in the future





Schedule



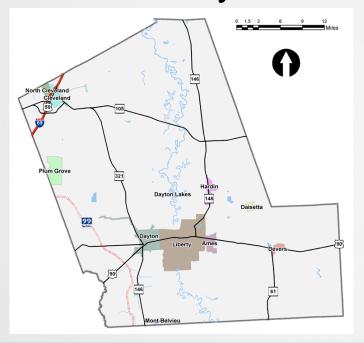




Open Discussion



- What does success look like in this project?
- What are your priorities?
- What are the biggest challenges and opportunities for transportation in the County?







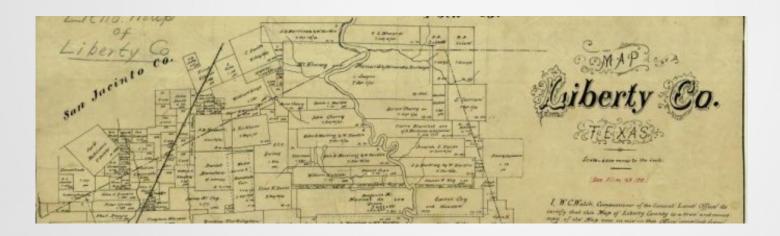
Vision & Goals



Vision



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 and Metrics



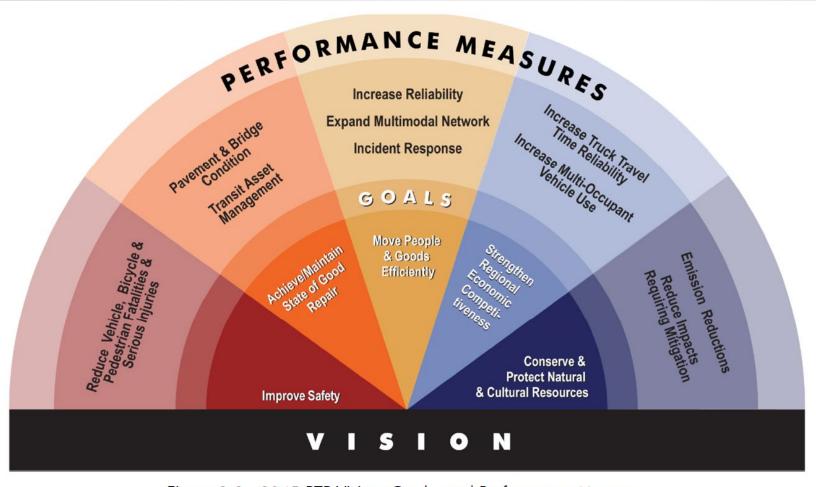
Goals (Metrics)

- 1. Provide MOBILITY solutions and travel options for daily travelers (connectivity, gaps, multimodal)
- Increase FREIGHT traffic efficiency (truck travel time, delay, routes and stops, railroad crossings)
- Increase EFFICIENCYat high -congestion corridors and intersections (volume/capacity, LOS, travel time)
- Improve SAFETYat high-crash segments and intersections (crash rates, number of conflict points)
- Enhance ECONOMIC opportunity in focus areas (cross section, access management, economic impact)



H-GAC Goals









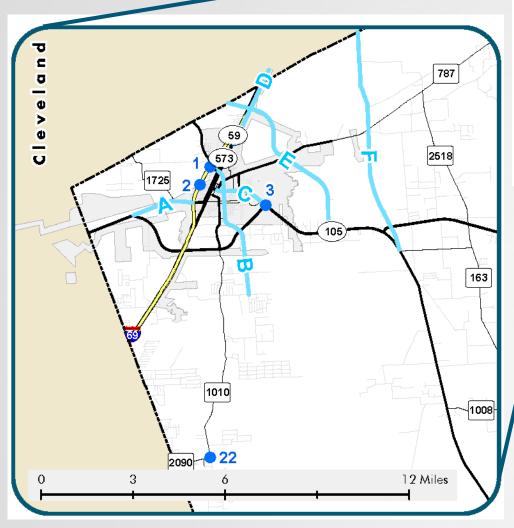


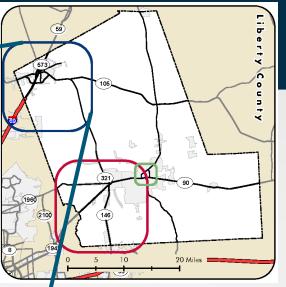
Identified Issues & Needs

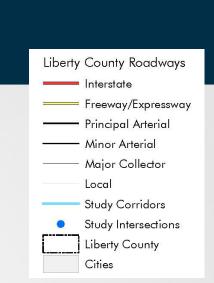


Cleveland









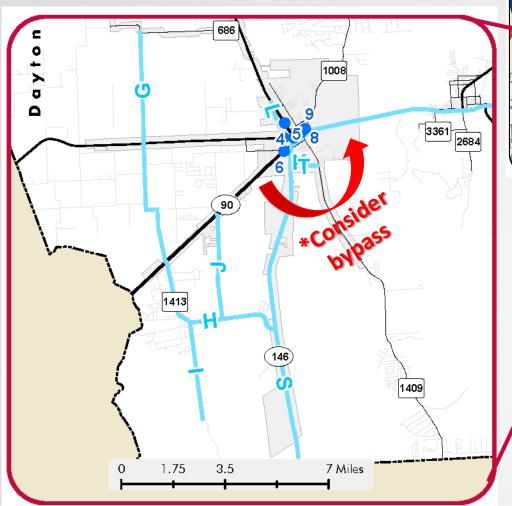
	ID	Name
	Α	SH 105 - SH 105 to US 59
	В	FM 2025 - US 59 to Miller Wilson Rd
	С	Houston Ave - FM 787 to SH 105
	D	N Travis Ave - Travis Ave to N County Limits
	Е	CR 2243 - N County Limits to SH 105
	F	CR 2204/2239 - N County Limits to SH 321
_		

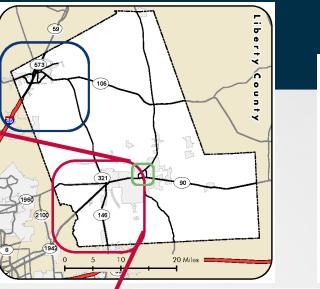
ID	Intersection
1	FM 2025 at US 59
2	US 59 and UPRR
3	SH 105 and Hwy 321 East
22	FM 1010 and FM 2090



Dayton









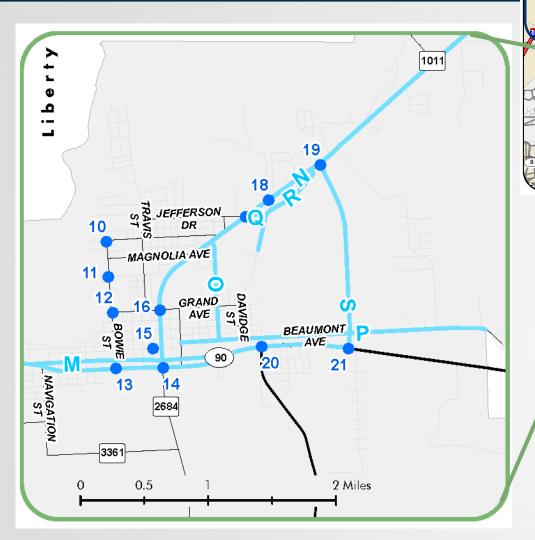
ID	Name
G	CR 604/615 - FM 686 to US 90
Н	FM 1413 - US 90 to SH 146
	CR 486 - FM 1413 to 17,419 S
J	CR 491 - US 90 to FM 1413
K	Lovers Ln - SH 146 to Lovers Ln
L	Waco St - Tram Rd to Waco St
S	SH 146 - N County Limits to S County Limits
Т	Brown Rd - SH 146 to FM 1409

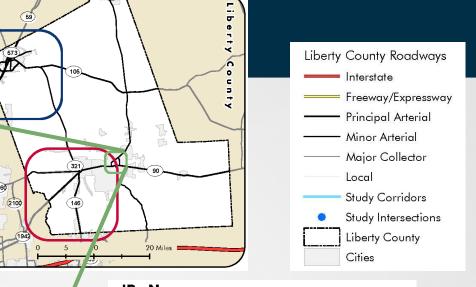
ID	Intersection
4	FM 321 and Linney Street
5	FM 1960 and Waco Street
6	Waco Street and US 90
7	FM 1960 and SH 321
8	Winfree Street and Clayton Street
9	Lowe Street at Clayton Street



Liberty







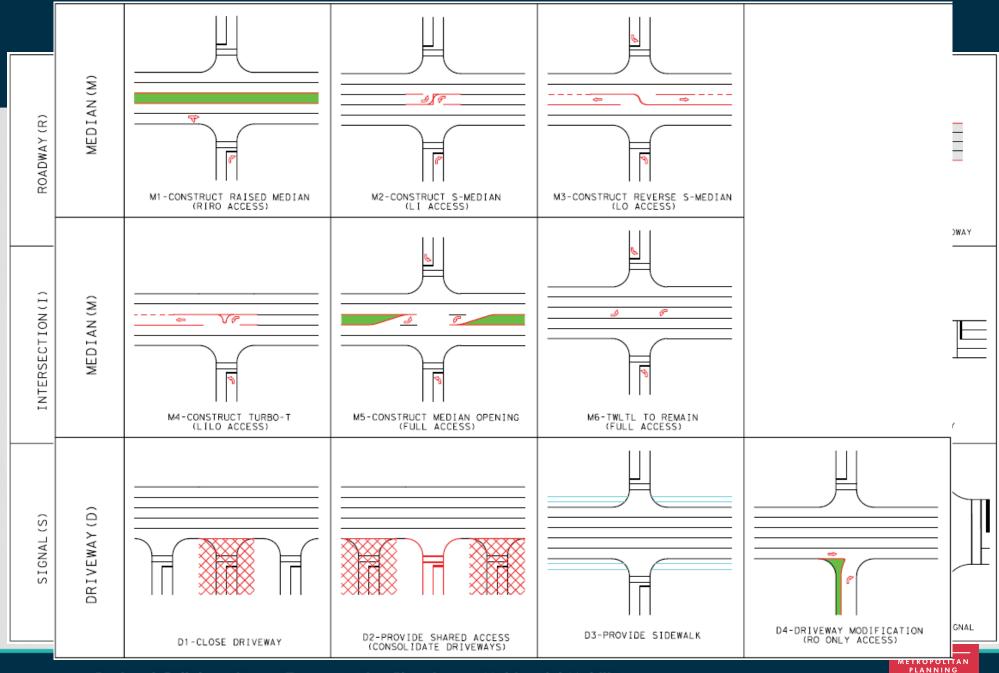
ID	Name
М	MLK Jr Dr - US 90 to US 90
И	Main St - SH 146 to US 90
0	Texas St - Main St to Beaumont Ave
Р	Beaumont Ave - San Jacinto St to E City Limits
Q	Jefferson Dr - Main St to Lakeland Dr
R	Lakeland Dr - Woodspring Rd to Main St
S	SH 146 - N County Limits to S County Limits

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



Toolbox





ORGANIZATION



Discussion





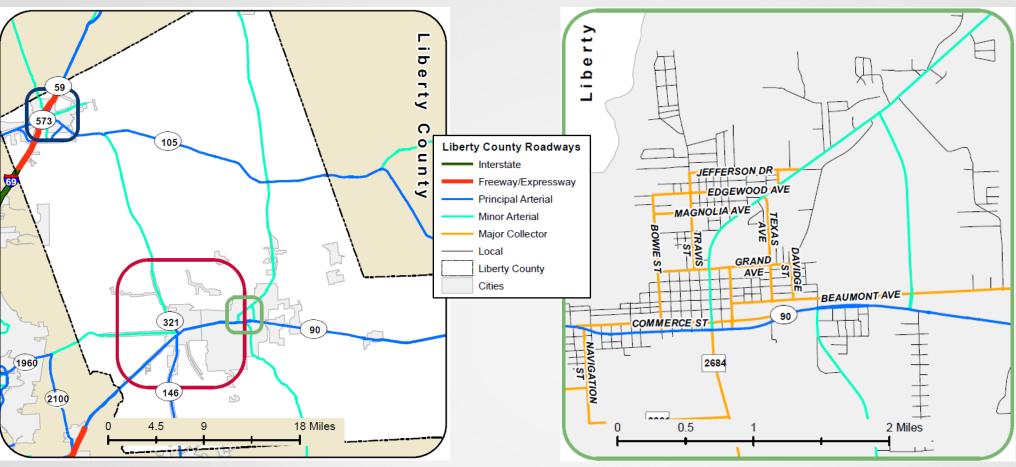
https://engage.h -gac.com/liberty county - mobility - study



Roadway Network — Liberty County

Source: TxDOT Roadway Inventory





What roadways / intersections in the study area have **mobility** issues? Where are there opportunities for new roadway connections?



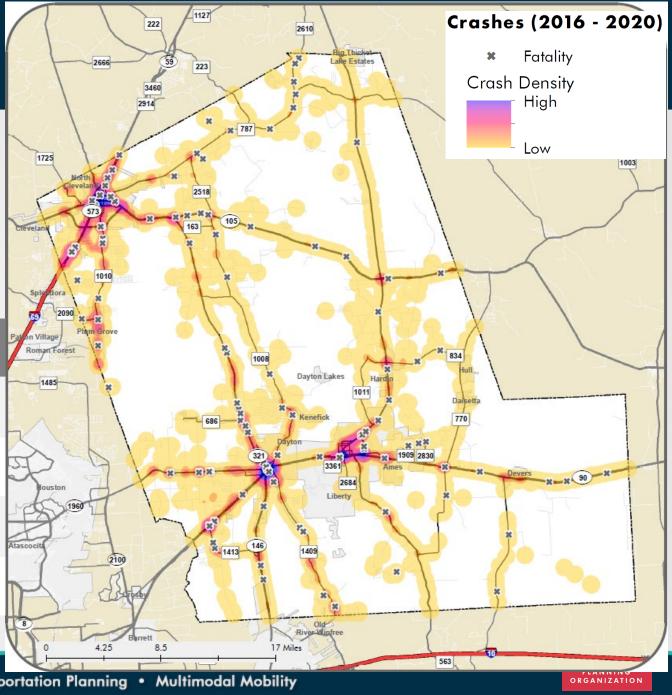
Crash Data



What roadways / intersections in the study area have safety issues?

	Cleveland	Dayton	Liberty	Liberty County
Total Crashes	1,449	1,747	896	7,046
Total Fatalities	11	23	9	116
City Fatalities / City Total Crashes	0.8%	1.3%	1.0%	1.6%
City Fatalities / County Fatalities	9.5%	19.8%	7.8%	100.0%

Source: TxDOT CRIS Data, 2016 - 2020



Bicycle Activity







City of Cleveland

What is the **demand** for bike and pedestrian facilities?

What areas have the most bike or pedestrian activity?

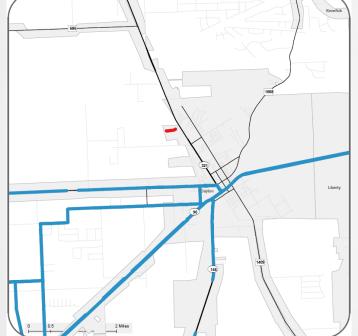
What is the **main issue** preventing more bike and pedestrian activity?

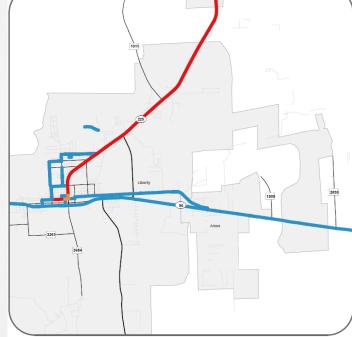
Where should existing bike or pedestrian facilities be **improved**?

Where are there opportunities for **new bike or pedestrian** facilities?

What is your vision to people walking and riding bikes ity of Liberty

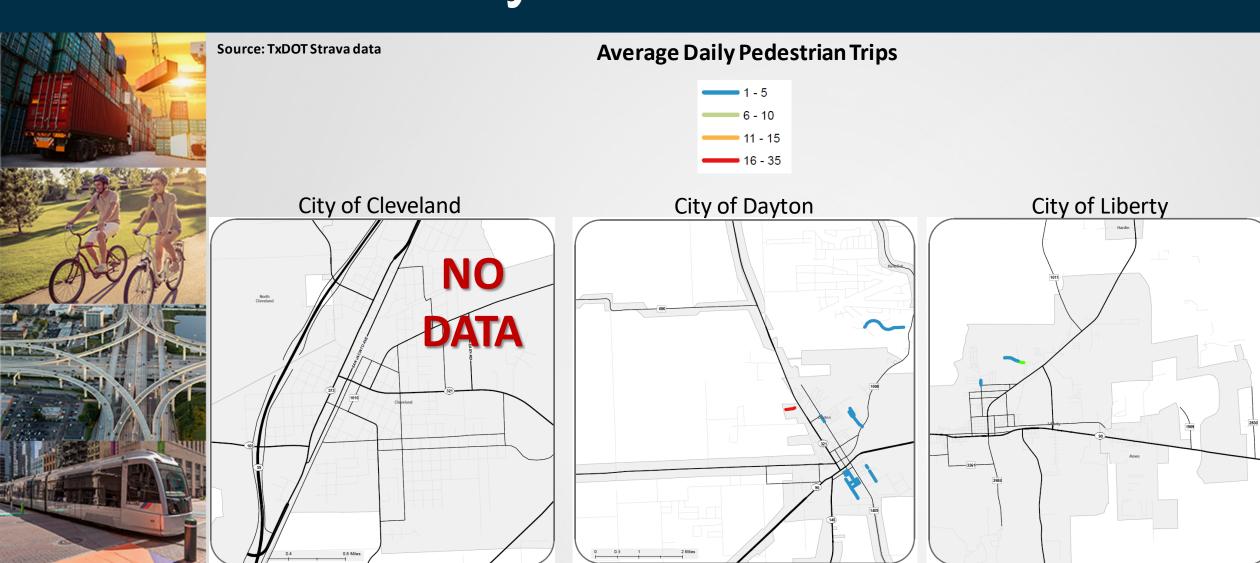




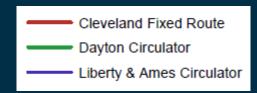




Pedestrian Activity



Transit



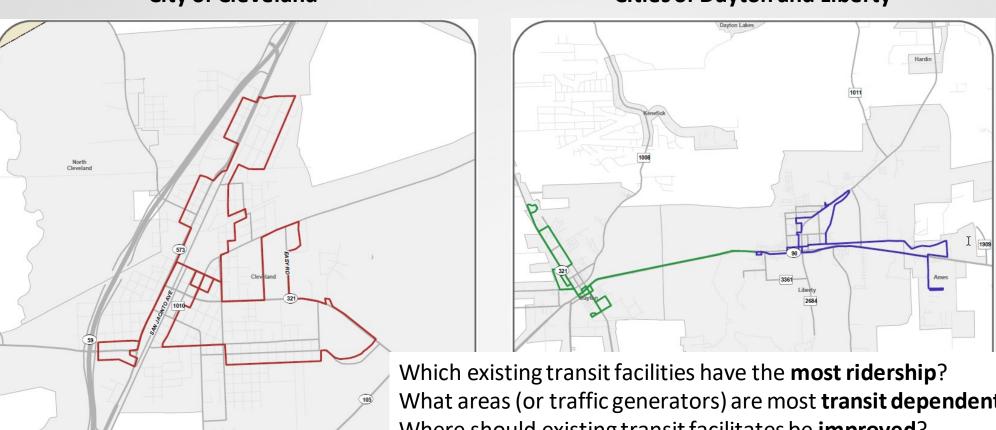
Source: H-GAC Open Data, TxDOT Roadway Inventory





City of Cleveland

Cities of Dayton and Liberty



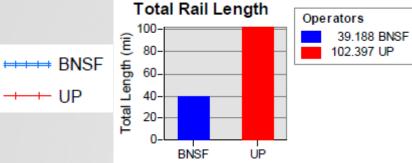
Which existing transit facilities have the **most ridership**?
What areas (or traffic generators) are most **transit dependent**?
Where should existing transit facilitates be **improved**?
Where are there opportunities for **new transit** facilities?
What **type of transit** service should be provided?



Freight

Source: H-GAC Open Data

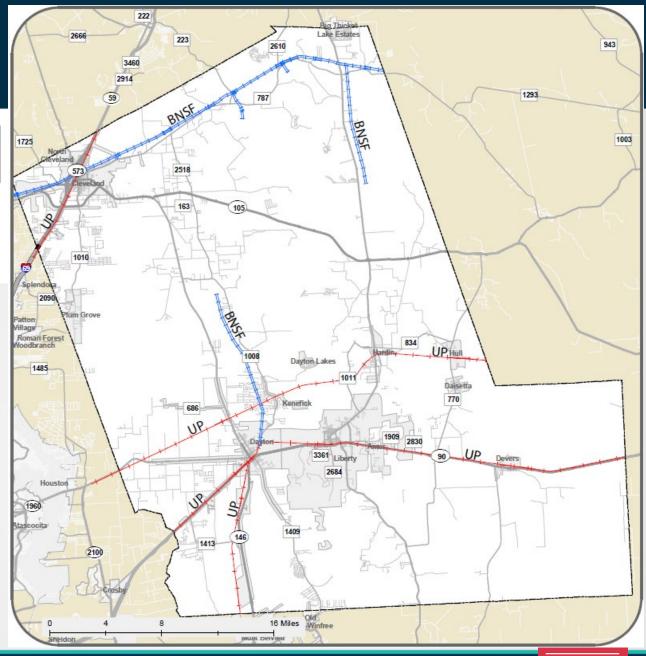




Where does rail / truck traffic impair **mobility / safety**?

Which roadways (or generators) have the highest **truck volume**?

Which roadways should encourage / discourage **truck use**?



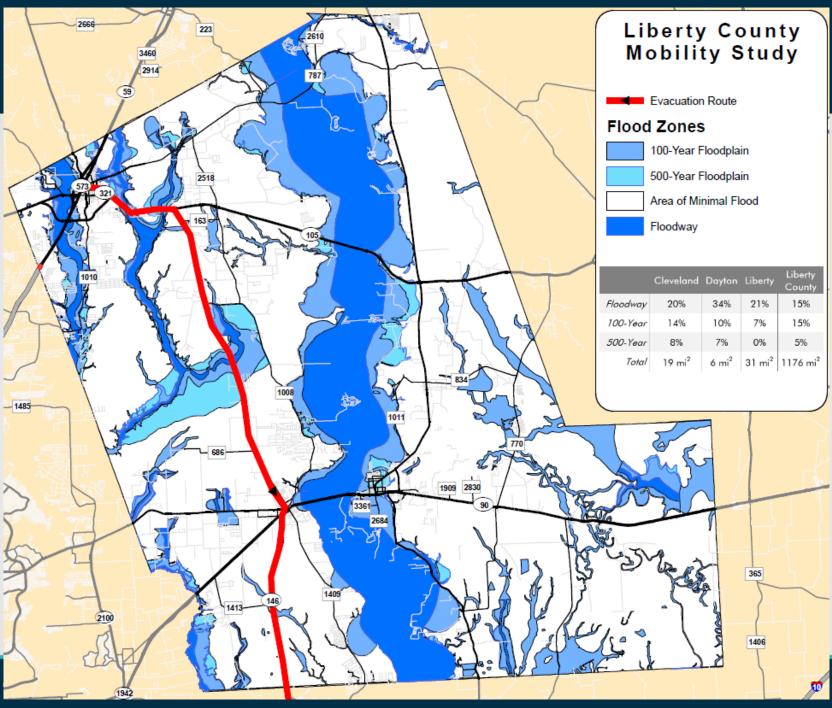
Flood and Evacuation



Source: 2015 FEMA Flood Data, H-GAC Open Data

What areas experience flooding?

What roadways should be improved to operate as evacuation routes?



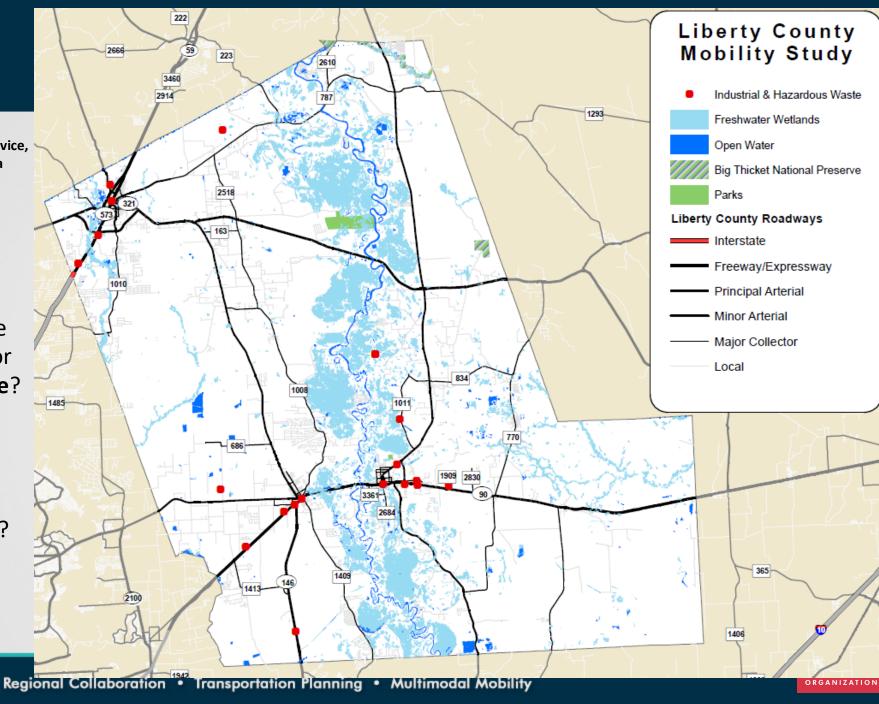
Environment

Source: TCEQ Open Data, National Park Service, **H-GAC Open Data**

Which existing parks are most popular?

Where are there opportunities for more park space?

What other environmental features are highest priority?



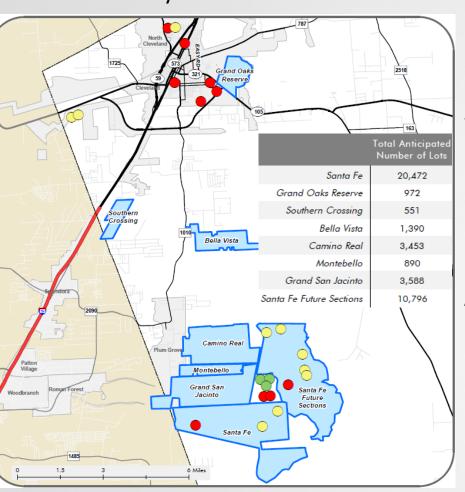
Proposed Development

Cleveland ISD School Sites

Existing
Proposed
Potential



City of Cleveland

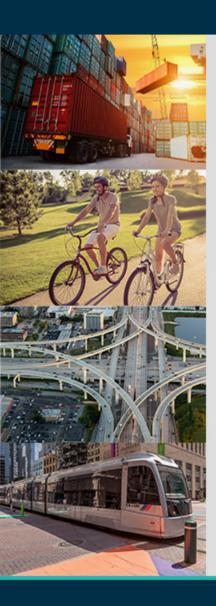


Is there more development underway that is not shown here?

What policies should be implemented / changed for development practices?

Dayton Area





Next Steps



Next Steps



- Review public input received
- Analyze issues and make recommendations
- Continued collaboration with Cleveland,
 Dayton, Liberty and County representatives
- Public Meeting #2 Fall 2021
- Stakeholder Meeting(s) #2 Fall 2021
- Create implementation and funding plan
- Final report



Thank You! Further Discussion



For More Information: engage.H -GAC.com

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