

# Public Engagement



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# Public Involvement Plan





# Liberty County Mobility Study

## PUBLIC INVOLVEMENT PLAN

### INTRODUCTION

Liberty County is developing quickly. With increasing traffic to the area, especially within the Cities of Cleveland, Dayton and Liberty, the County needs a plan that manages growth, maintains mobility, and focuses on safety for all users. The Liberty County Mobility Study will define future transportation investments that will move people and goods to and from destinations in a safe and efficient manner. Development of the Mobility Study will include a public involvement process to ensure that decisions are made in consideration of, and benefit to, public needs and preferences. The public involvement will be a continuous process throughout the study period and will include residents, stakeholders, and elected officials.

### GOAL OF THE PUBLIC INVOLVEMENT PLAN

The goal of the public involvement plan is to ensure an open planning process that supports early and continued interaction and dialogue with the public through timely public notices and easy-to-access information regarding the development of the Liberty County Mobility Study.

### PUBLIC INVOLVEMENT APPROACH

The public involvement plan will focus on three primary groups:

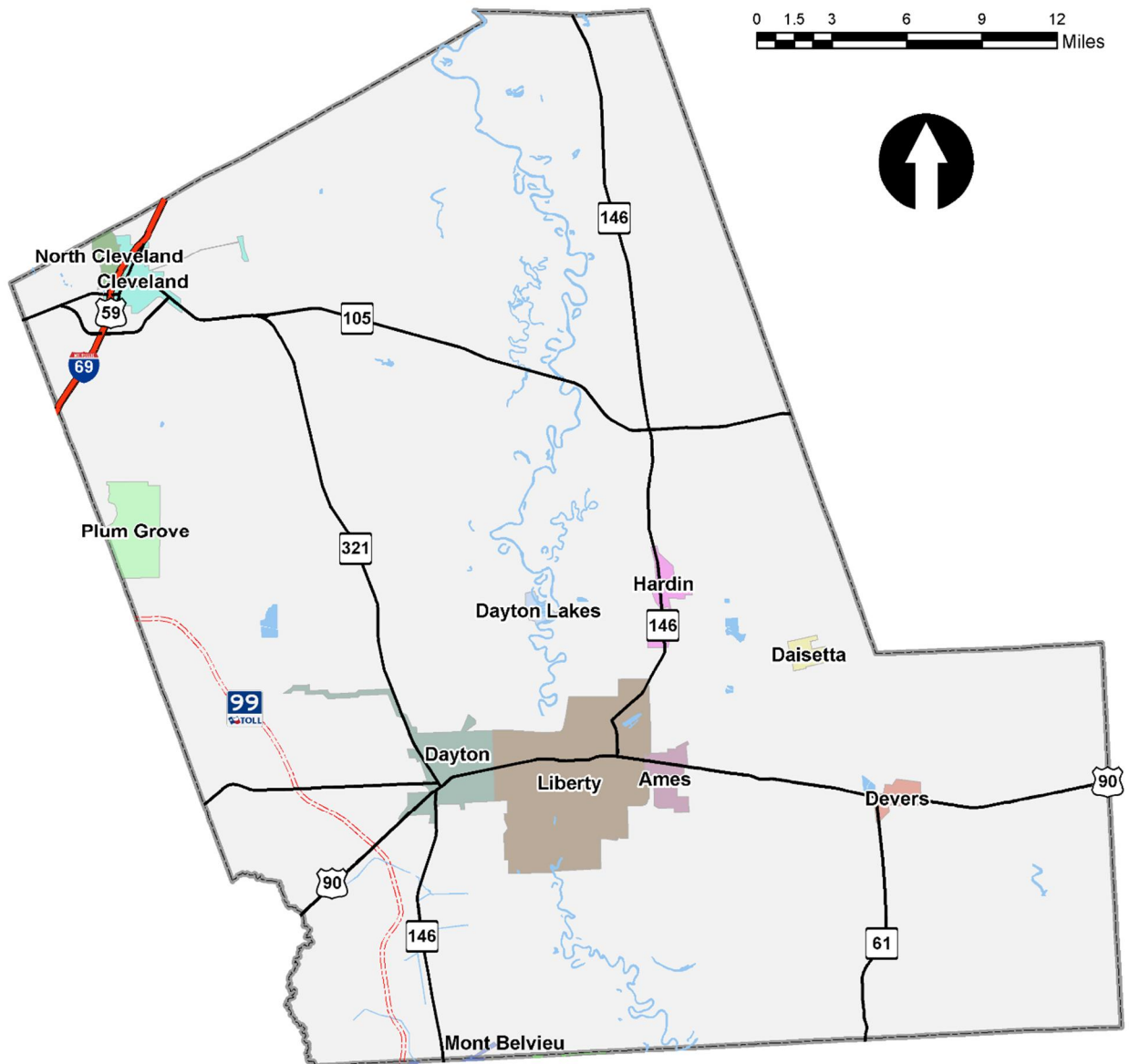
- Elected Officials
- Stakeholders
- Residents

The public involvement plan's key strategies include:

- Collaborating with elected officials by establishing a steering committee to guide the technical development of the plan.
- Engaging public and private stakeholders through a series of stakeholder meetings to provide input on the development of the plan.
- Involving residents in the planning process by providing adequate public notice of information with sufficient time to review and comment at public meetings.

- Targeting diverse groups including youth, young adults, and limited English proficiency populations.

## LIBERTY COUNTY MAP



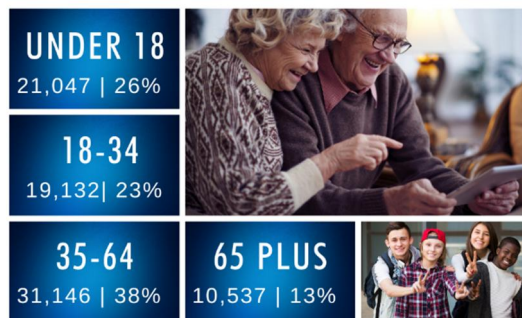
## LIBERTY COUNTY DEMOGRAPHICS (2018)

Source: US Census American Community Survey

TOTAL POPULATION: 81,862



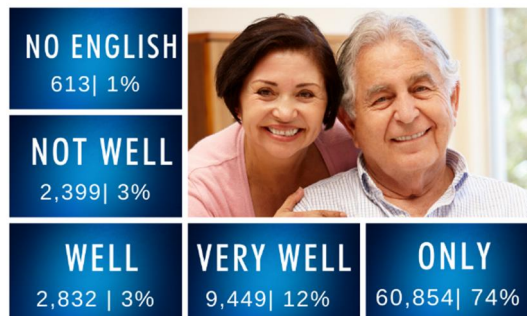
### POPULATION BY RACE



### POPULATION BY AGE



### VEHICLES PER HOUSEHOLD



### ENGLISH PROFICIENCY

Single-Person Households: 6,698 / Total Households: 26,203

Has one or more types of computing devices: Est- 26,203 (32% of the total population)

Primary Languages: English, Spanish (1,532 people)

## PUBLIC INVOLVEMENT TACTICS

- Host and conduct steering committee meetings
- Coordinate and host public meetings
- Organize and conduct stakeholder meetings

- Outreach to school districts and Lee College Education Center of South Liberty County
- Seek partnerships and community event opportunities
- Post timely legal notices about public meeting schedules
- Submit news releases to local media outlets about the project plan and public meetings, and invite the media to attend public meetings
- Provide project content and educational materials on the project website and the Houston-Galveston Area Council website
- Develop and distribute public meeting flyers
- Post newsletter articles in the agency newsletters
- Post social media graphics and content about the project
- Cross-collaborate with city and county officials to post project information on event calendars, websites, and social media platforms
- Send relevant emails to stakeholders and other interested parties about the project
- Utilize email marketing to distribute project information
- Distribute handouts and educational materials at steering meetings, stakeholder meetings, public meetings, Transportation Policy Council meetings, Technical Advisory Committee meetings, transportation subcommittee meetings, Houston-Galveston Area Council board meetings, and other committee meetings
- Implement an online interactive survey
- Develop sharable content to provide to committee members, stakeholders, city, and county officials
- Develop and mail postcards and letters to residents and stakeholders
- Provide information to stakeholders
- Other tactics as deemed necessary

## **ADDRESSING THE DIGITAL DIVIDE**

- Establish and promote a voicemail phone number
- Mailers with project info and or/ short survey
- Utility bill stuffers
- Provide compelling stories to the media

## **STEERING COMMITTEE**

Level of participation - Collaborate

A maximum of six (6) Steering Committee meetings will be established by H-GAC to guide the technical development of the Liberty County Mobility Plan. The committee

will be composed of non-elected state and local governmental and non-governmental representatives from the Cities of Cleveland, Liberty and Dayton, Liberty County, TxDOT, and H-GAC staff.

## **STAKEHOLDER MEETINGS**

Level of Participation - Involve

There will be two rounds of meetings (a maximum of four total meetings) held at the key milestones during the study. These meetings will include elected officials, county, city, neighborhood and school district representatives, business, industry and community leaders, and other entities or specific groups that are recommended by the Steering Committee, with final approval from H-GAC.

## **PUBLIC MEETINGS**

Level of Participation - Consult

This section will identify the tentative public meeting dates and locations. There will be a maximum of two rounds (a maximum of four total meetings). While most residents within the study area speak English at least “well,” due to the large Hispanic population, each meeting will have a Spanish interpreter and Spanish-language materials available.

- Public Meeting Round One (February 2021) – Informative/Issue Feedback
  - Purpose: to provide attendees an overview of the project and to collect feedback on study area issues and needs.
  - North: Cleveland; South Central: Dayton or Liberty; one virtual meeting.  
\*In person meetings may be cancelled due to Covid-19 status.
  
- Public Meeting Round Two (October 2021) – Recommendations
  - Purpose: to provide the public with the study recommendations and collect additional feedback.
  - North: Cleveland; South Central: Dayton or Liberty; one virtual meeting.  
\*In person meetings may be cancelled due to Covid-19 status.

## **ONLINE PUBLIC ENGAGEMENT**

## Level of Participation – Inform

More than 3,000 households only have one vehicle or less, making it challenging for residents to attend a public meeting and become informed on the Liberty County Mobility Study. Furthermore, the largest age group in the study area ranges from 18-64. This age group is overall tech savvy and is known to be active on social media and other websites. Online engagement will be vital in targeting these groups for their involvement in the planning process.

This section will outline online engagement strategies that may be used to expand public engagement reach.

- Interactive Website
  - Project information
  - Public comment submission
  - Survey
  - Interactive dashboard
- Social Media (organic)
  - Graphic and content creation
  - Facebook
  - Instagram
  - Twitter
  - LinkedIn
  - YouTube (if a video is created)
- Newsletter Articles in the Region View and Regional Focus

## **ENVIRONMENTAL JUSTICE OUTREACH / TITLE VI**

This section outlines how we plan to include all people regardless of race, color, national origin, or income.

- To address language barriers (LEP) for Spanish speakers (Hispanic population is growing)
  - Public meeting flyer translated into Spanish
  - Public meeting materials (handouts) translated into Spanish
  - Public meetings to have a Spanish interpreter available
  - Language interpretations for any language besides English or Spanish can be available upon request

- To address low income/single vehicle households
  - Partner with churches, libraries, community centers
  - Attend PTO meetings or leave a comment box at a meeting
  - Provide a kid's corner with transportation activity books for children
  - Online engagement options available
  
- Disability
  - Facility accessible to persons with disabilities (ramps, sidewalks, and adequate space for wheelchairs and service animals)
  - ASL translator available
  - Reserved front row seating
  
- Race / Ethnicity
  - Including diverse representation of stakeholder and community organizations to attend public meetings.

## **OUTREACH EVENTS**

Due to Covid-19, in-person outreach events held by community organizations may be canceled. In lieu of attending these community events, our strategy will be to rely on our community partners and organizations to help provide residents with information. Other outreach strategies may still be implemented while safely practicing social distancing. If conditions are safe with minimal risks of Covid-19, outreach events will be attended across the study area.

- If there is a high Covid-19 risk in the community
  - Push stories to local media outlets
  - Leave a comment box at libraries, PTO meetings, community centers
  
- If there is a low Covid-19 risk in the community
  - Community events
  - Non-profit events
  - Chamber of Commerce speaking engagements
  
- Online engagement throughout the study process

## **ROLES AND RESPONSIBILITIES**

This section will identify the roles and responsibilities of the Houston-Galveston Area Council, the consultant, and other parties regarding public involvement efforts.

H-GAC is responsible for:

- Public Involvement Plan – development and execution.
- Developing and posting public notices.
- Developing a list of Steering Committee and Stakeholder Group members.
- Duplicating of all meeting agendas, questionnaires, presentation handouts, postcards and comment forms for each meeting, as required.
- Producing sign-in sheets and name tags, as required.
- Mailing postcards and letters to residents, elected officials, stakeholders and other interested parties.
- Securing facilities for the meetings.
- Hosting a project website throughout the duration of the study effort.
- Posting newsletter articles in the agency newsletters.
- Posting social media graphics and content about the project.
- Cross-collaborating with city and county officials to post project information on event calendars, websites, and social media platforms.
- Sending relevant emails to steering committee members, stakeholder groups and other interested parties about the project.
- Utilizing email marketing to distribute project information.
- Distributing public meeting flyers.
- Developing a web-based public engagement platform to solicit feedback from the public with material produced by H-GAC and the consultant team.
- Review and approve all Consultant-generated materials prior to meetings.
- Print handout materials for all meetings.
- Creating an e-vite for H-GAC to send to business organizations to forward to their members and Steering Committee members to send to their business contacts.
- Creating an e-vite for H-GAC to send for Steering Committee and Stakeholder Meetings.

The Consultant Team is responsible for:

- Developing messaging, agendas, presentations, handouts, meeting summaries, questionnaires, comment forms, display boards, public meeting flyers, etc.
- Documenting all meetings. This will include, but not be limited to, photographs or copies of informational displays, the number of people in attendance at each meeting, copies of handouts and questionnaires distributed at the meetings, comment cards and letters received, attendance sign-in sheets from each meeting, and the contact information used in mailings.
- Preparing and submitting all meeting summaries within ten (10) business days of the meeting in an editable format (i.e. Word, Excel, etc.).
- Developing an educational document describing mobility study and planning process developed early in the project.
- Sharing public meeting information with organizations to forward to their members and Steering Committee members to send to their business contacts.



- Assisting in the distribution of public meeting flyers.
- Creating notices to post on H-GAC website or other partners' websites.
- Developing content for website that includes, but is not limited to, the project status, schedule, and public meeting information for a project website and social media activities.
- Assisting with development of material to be utilized in an online public engagement platform.
- Documenting and presenting online public engagement platform results.
- Providing staff at all meetings, including multi-lingual staff as needed.
- Assisting with development of content for project newsletter.

## **PUBLIC INVOLVEMENT SUMMARY AND DOCUMENTATION**

Kimley Horn will develop and document the public involvement activities and outcomes for reporting, record, and retention. The Houston-Galveston Area Council will review and approve all such materials

*\*TBD- Details to be determined.*

*Resources: H-GAC Regional Demographic Snapshot and Survey/Program: American Community Survey – Table ID: B28001(computer access) and B16003 (languages spoken)*

# Online Public Engagement

Round 1 (Spring 2021)

# Liberty County Mobility Study

Public Meeting #1

April 29, 2021

6:00 PM

Microsoft Teams

Attendees:

Participants (51)

Panelists (16)

Attendees (35)

Find a participant

JO

Josie Ortiz (Me)

GS

Gregory Seal (Host)

ZP

Zoom Poll (Co-host)

TG

Thomas Gray

CR

Craig Raborn

NK

Neely Kim

PJ

Patricia Joiner

PJ

Patricia Joiner

VW

Veronica Waller

A

admin@VisualLanguagePro.com

A

admin@VisualLanguagePro.com

AI

Allie Isbell

DD

Diane Domagas

MF

Michael Feeney

MF

Michael Feeney

WA

Wendy Almanzan

Invite

Unmute Me

Participants (59)

Panelists (16)

Attendees (43)

Search

Total 2 phone call-in listeners

12816593582

17138169898

AC

Andy Conner

AM

Ann Miller

CP

Carolyn Parsons

CB

Chris Browne

CT

Chris Trotter

CS

Cindy Spell

DG

Danielle Gross

DB

Darrel BROUSSARD

FR

Francis Rodriguez

HS

Hasan Syed

HH

Hector Herrera

JW

Jason Ward

JK

jay knight

JE

Jeffrey English

JJ

Jessica Johnson

JW

Jim Webb

J

jimcain

JM

Jo Marlow

JK

Justin Kuzila

KP

Kathy Phillips

KG

Keith Garber

KJ

Kimberly Judge

KB

Klint Bush

KM

Kristina Michel

LM

Laura Medrano

MB

Mike Burns

NS

Noel Salac

RB

Rawetts Baaheth

RV

Rene Valdez

RC

Rhonda Campbell

RW

ROBERT WARD

RH

Robin Harrison

RE

Robyn Egbert

RP

Russell Payne

RD

Ryan Daniel

SS

Sivaji Senapathi

SK

Sue Kent

SJ

Susan Jaworski

TK

Taslima Khandaker

VB

Vanesa Brashier

\*All items from chat were copied and pasted directly; all live chat was paraphrased below.

**Q1 (Victoria Good)**– I’m one of the past Chairman for the Chamber of Commerce; I want to emphasize a few projects:

- 2025 overpass at 59; northside Elementary will be opening, as well as a gas station; that, along with the Loves gas station will create a lot of traffic
- FM 1010, Plum Grove Road; school-related issued; Cleveland is the fastest-growing school district; lots of congestion on FM 1010; all of the development from downtown Cleveland down to the GP-99; too congested; school buses running 1-2 hours late because of it
- 105/321 – From Cleveland to Tarkington needs to be widened with a turning lane, a lot of accidents currently
- On-ramp from S. Washington Ave to 59 is a disaster; I know it’s a work in progress, but there are so many potholes that access to 59 is a nightmare.

**A1 (Thomas Gray)**– We will definitely take a look at these areas; we have heard from several people regarding congestion

**Q2 (Vanessa Brashier – Chat)** - In Liberty County, we have a development that is adding tens of thousands of homes around the Plum Grove area. That area needs significant improvements, such as a boulevard or loop around the City of Plum Grove. What can be done?

**A2 (Thomas Gray)**– We will definitely take a look at these areas; we have heard from several people regarding congestion. We heard from some people that some neighborhoods only have one access point, as well.

**Q3 (Kimberly Judge, Assistant City Manager, City of Dayton – Chat)** - Can more changes be made to the Land Use Map. You mentioned Rail Logistics located on Highway 146 S in Dayton, however over the last few months staff has received several new residential development inquiries with approximately 1000 new lots

**A3a (Michael Feeney)** – We can definitely update the map and we will be in contact with you; we will be updating this map throughout the study. Add your comments to the H-GAC project website, too.

**A3b (Thomas Gray)** – This map came from RLUI and we try to keep it as up to date as possible.

**Q4 (Vanessa Brashier – Chat)** - The City of Dayton also needs a loop. Traffic is backed up constantly and when an accident occurs, it can cause major problems.

**A4 (Thomas Gray)**– Yes, this is one of the things that we are looking at. All roads lead to Dayton; this is definitely something that we are aware of and are closely looking at.

**Q5 (Anonymous– Chat)** - What is being done on highway 90 through Dayton? It is bad all day long with large 18 wheelers.

**A5a (Thomas Gray)**– Again, all roads lead to Dayton. What is being done? Well, that’s what we are working on with this study.

**A5b (Michael Feeney)**– There are a number of things we can look at here for recommendations.

**Q6 (Cindy Spell)** – In the next meeting, will you be addressing the issues noted on the Comment Map and the possible solutions your evaluations may have come up with?

**A6 (Thomas Gray / Michael Feeney)**– We will be coming back and responding to every comment on the map in some form in another. We will bring back responses in the next meeting.

**Q7 (Sue Kent)**– Is there a start date for the US 90 expansion?

**A7a (Thomas Gray)**– This is a TxDOT question. I don’t know if there’s anyone from TxDOT that can answer this?

**A7b (Noel Salac – Liberty County Beaumont District Engineer)**– There are a few different projects that we have for US 90. (Clarified for Dayton area) – Probably try to get something going by mid-2022 – will be looking at an overlay and access control issues. Will be looking to do public outreach later this summer on that project. Also, east of Dayton, later this summer – US 90 past Waco Street to the west of Dayton all the way to Harris County line and building grade-separation at FM 1413 – this is a hot-spot accident area that we believe we can address with grade-separation.

**(Clarified)** – From Liberty to Ames and further

**A7c (Noel Salac)** – This area is still up in the area; initial discussions were 2024 but now are unsure; idea was to widen to 4 lanes

**Q8 (Jim Cain – Chat)** - Given the severe congestion going thru Dayton, what is the timeline to see any improvement?

**A8 (Thomas Gray)**– TxDOT just mentioned a few projects that may be starting soon. It does take time. Once we get a list of projects, funding needs to be identified and projects to be implemented.

**Q9 (Robert Ward)**–Are there plans to improve 146 by-pass in Liberty? There are now 2 schools side by side on it, and the bypass is 2 lane from just south of Walmart to 90. A center turn lane is badly needed now the whole length of the road.

**A9 (Thomas Gray / Michael Feeney)**– This is something we have been asked to look at by the City because we know it is a high-traffic area because of the school, as well. Cross-sections and solutions still need to be worked out.

**Q10 (Cindy Spell – chat)** – Posted a link to her comment on the comment map regarding poor road maintenance.

**A10 (Thomas Gray / Michael Feeney)** – We will be looking at maintenance issues, as well. These are issues we have heard from others, as well.

**Q11 (Jay Knight, Liberty County Judge)** – comment – We know the questions are coming regarding when the study will be done and when the recommendations will come down the line. Could you explain the timeline and process regarding the H-GAC project list, prioritization, etc. Could you walk these folks through this process?

**A11a (Thomas Gray)** – TIP (Transportation Improvement Plan) is updated every 2 years or so; cities and other entities submit applications for projects; the Transportation Policy Council that oversees the 8-county region chooses the projects to be funded. TO get funded, it helps to have the projects in a long-term plan, helps to have a study (like this one), and helps to create a record of having benefit if funded and implemented.

**A11b (Michael Feeney)** – We will group our recommendations on things that can be funded short-term vs. long-term.

**Q12 (Anonymous)** - Can the traffic lights on highway 90 be coordinated better. The lights timed better might help with the traffic flow.

**A12 (Michael Feeney / Thomas Gray)** – Yes, this is something we will be looking at. Sometimes a re-timing is a low-cost, high benefit improvement. We will be taking a look at these types of projects that can be quick-wins.

**Thomas Gray** – Please tell your friends about our comment map and survey on the website. We would like for as many people as possible to give feedback.

**Jim Knight, Liberty County Judge** – When talking about the timing of projects, if they involve railroads, they take MUCH longer. I have been involved in a project now going on 6-7 years. It doesn't only involve working with TxDOT, but also H-GAC. It involves planning, environmental, land acquisition, engineering, infrastructure and moving infrastructure, etc. If one part shuts down, the whole thing shuts down. It takes a very astute team and a group of dedicated stakeholders to push it to the finish line. Especially when we talk bypasses, it gets to be difficult. I love TxDOT but their first 3 answers are no and their next answer is maybe. It is not a magic wand that you can wave and it's done; it takes time.

**Noel Salac** – Judge, I very much appreciate that. I think we have a great working relationship with Liberty County. These projects do take a lot of hard work, coordination, and time. It is a coordinated effort between all parties and we really appreciate the communication because it's the only way we get things done. We appreciate everyone's patience. The Judge helps bring historical knowledge, too. I

appreciate the time H-GAC has taken. This will only help Liberty County and some of the needs in this area.

**Thomas Gray** – We are coming up on 7:00 but I will wait a few minutes to see if there are other comments. Survey will be open until May 14<sup>th</sup> for you and your friends, family, neighbors to submit comments and let us know what you think.

**Allie Isbell** – I think we could go ahead and start the follow-up survey while we wait to see if anyone has more follow up questions/comments for us.

**Q13 (Vanessa Brashier - Chat)** - Aside from helping with this survey, is there anything that Liberty County residents can do to help you?

**A13 (Allie Isbell)** - Helping to spread the word to your community would be very helpful! We are collecting comments and surveys until May 14<sup>th</sup>. At that point, we will begin to summarize the comments to help with analysis and development of recommendations for improvements.

**Thomas Gray** – We have talked a lot about roadways, but there is also a ped/bike/transit component so if you know about bad sidewalks/bike paths/needed transit routes, please let us know about that as well.

**Jo Marlow (Chat) (read by Thomas Gray)** – Jo Marlow here! I work for Brazos Transit District. Please let me know if you need anything from us to help. [JP@btd.org](mailto:JP@btd.org) is my email.

**Thomas Gray** – We will put a recording of this presentation on the [engage.H-GAC.com](http://engage.H-GAC.com) website to be available for anybody to watch it. Thank you to everyone for your time, questions and comments tonight.

**7:04 – Meeting ended**





# Liberty County Mobility Study



Thomas B. Gray, AICP  
Mike Feeney, P.E.  
Public Meeting #1 - April 29, 2021



# Today's Process: Asking Questions

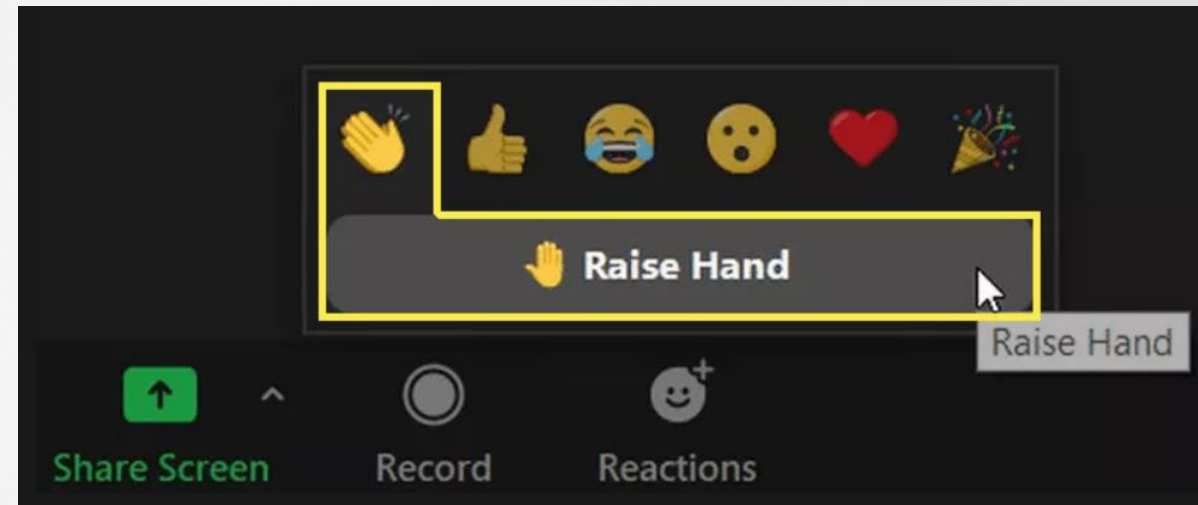
- All attendees except presenters are on mute during the meeting
- Please limit comments to 3 minutes each
- During Question and Answer portions of the meeting, if you would like to speak:

- ***Raise Hand in Zoom Meeting***

(During a meeting, navigate to the bottom options bar in your video screen and click **Reactions and Raise Hand**)

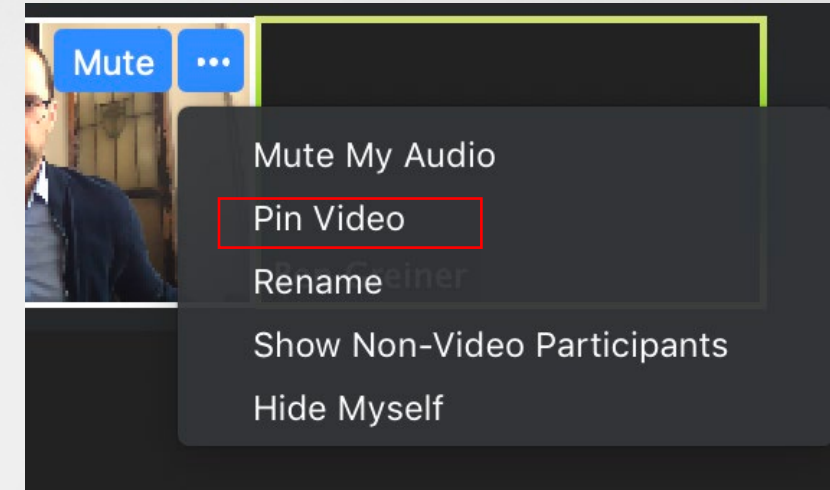
If you call and attending through toll-free number, Press \*9 to raise hand

- ***Staff will unmute you to speak***
- Click *Raise Hand* again to **Lower Hand** after you speak



# Today's Process: Translation & Interpretation

- Spanish Translation service is available as needed. Please Raise Hand and speak if you need translation during the meeting.
- American Sign Language (ASL) Interpreter is available:
  - **Pin** the video of the ASL interpreter to keep the video in front of display
  - Click on “...” on the top right of the video and click “**Pin Video**”



# Agenda



## Presentation

1. Introductions
2. Project Overview
3. Vision and Goals
4. Identified Issues and Needs
5. Existing Conditions
6. Your Role
7. Next Steps

Q & A – **Live and Interactive**



# Introductions



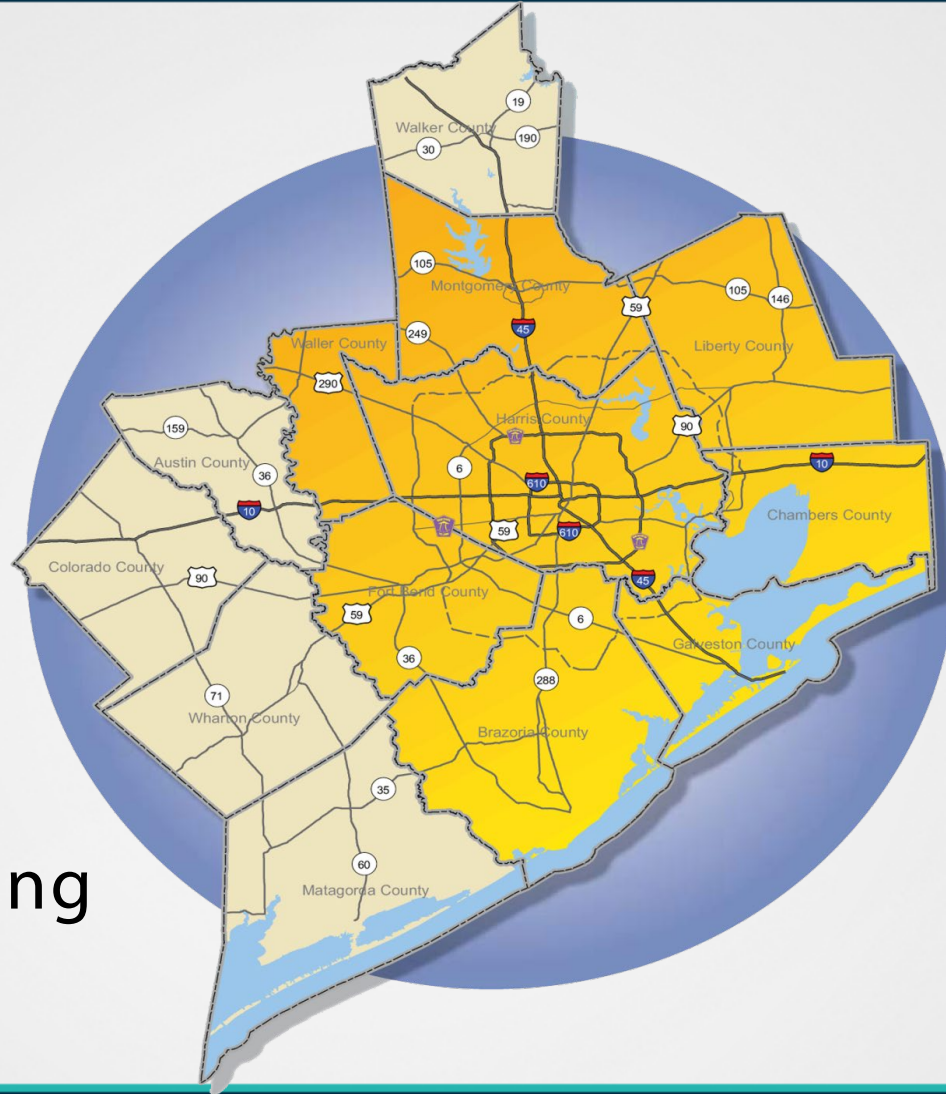
# What is H - GAC?



- Regional forum for cooperative action by local governments in 13 -county region.
- Created by Texas, Functions Defined by State and Local Governments:
  - Area Agency on Aging (12 Counties)
  - Job Training (13 Counties)
  - Gulf Coast 911 District (8 counties)
  - HGACBuy; Energy Purchasing; SBA; and more
  - Transportation Planning

# Metropolitan Planning Organization

- Designated in 1974
- 8 counties, 120 local governments, ports
- 6.7 million residents
- Cooperative, Continuous, and Comprehensive Transportation Planning



## MPO Counties

- Brazoria
- Fort Bend
- Waller
- Montgomery
- Liberty
- Chambers
- Galveston
- Harris

# Project Team



## Project Manager – Thomas Gray, AICP

Project Management  
Communications  
Modeling



Client  
Project Review

## Project Manager – Michael Feeney

Project Management  
Issues & Needs



Analysis  
Final Report

Policy Assessment  
Implementation/Funding



Analysis  
Implementation

Multimodal  
Considerations



ASAKURA  
ROBINSON



Data Collection



# 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

## **Dayton Community Development Corporation**

Ann Marie Miller

Executive Director

## **City of Liberty**

Tom Warner

City Manager

Chris Jarmon

Assistant City Manager

## **TxDOT**

Noel Salac

Liberty County Engineer

Lisa Collins

Beaumont District

Jeffrey English

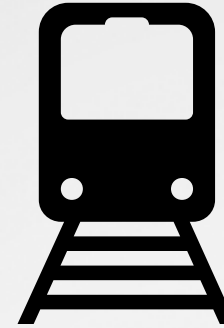
Houston District



# Potential Stakeholders



Business



Transportation



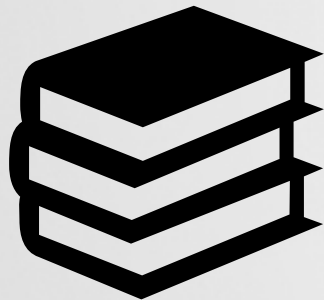
Government



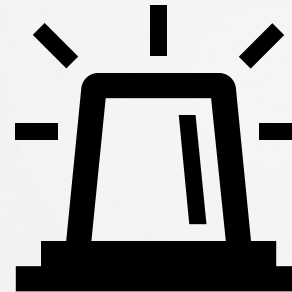
Healthcare



Real Estate/  
Developers



Schools



Emergency



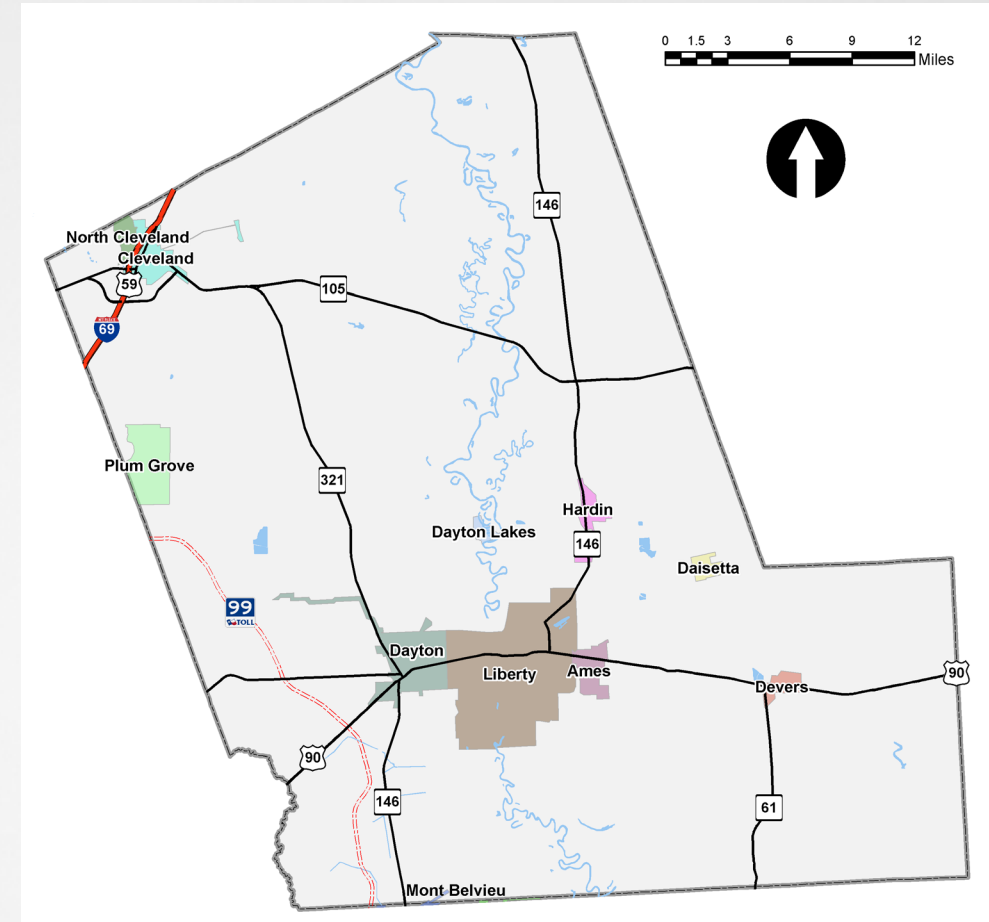
Law Enforcement



# Project Overview

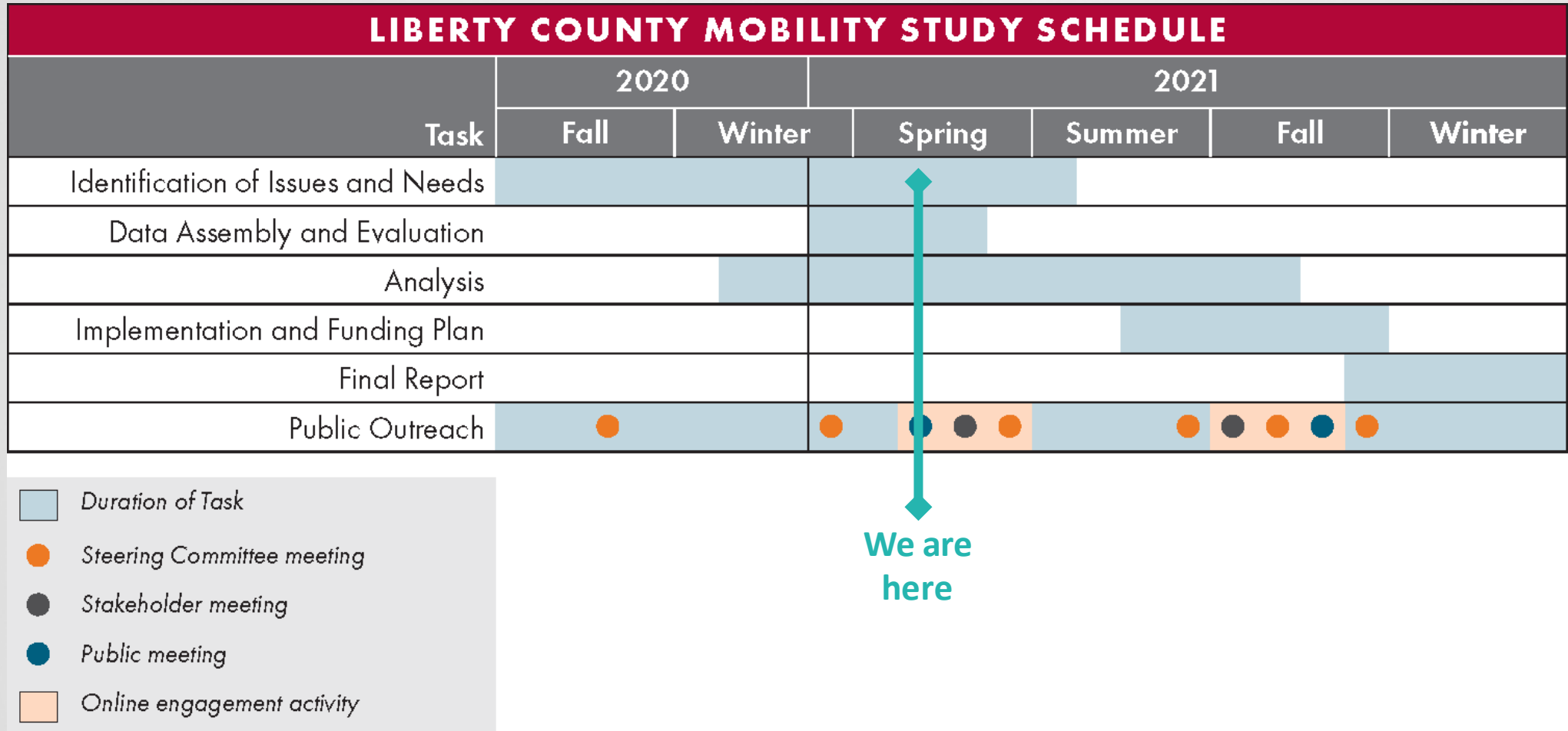
# Purpose and Study Area

- 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





# 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)
2. Increase **FREIGHT** traffic efficiency  
(truck travel time, delay, routes and stops, railroad crossings)
3. Increase **EFFICIENCY** at high -congestion corridors and intersections  
(volume/capacity, LOS, travel time)
4. Improve **SAFETY** at high -crash segments and intersections  
(crash rates, number of conflict points)
5. Enhance **ECONOMIC** opportunity in focus areas  
(cross section, access management, economic impact)

# H-GAC Goals

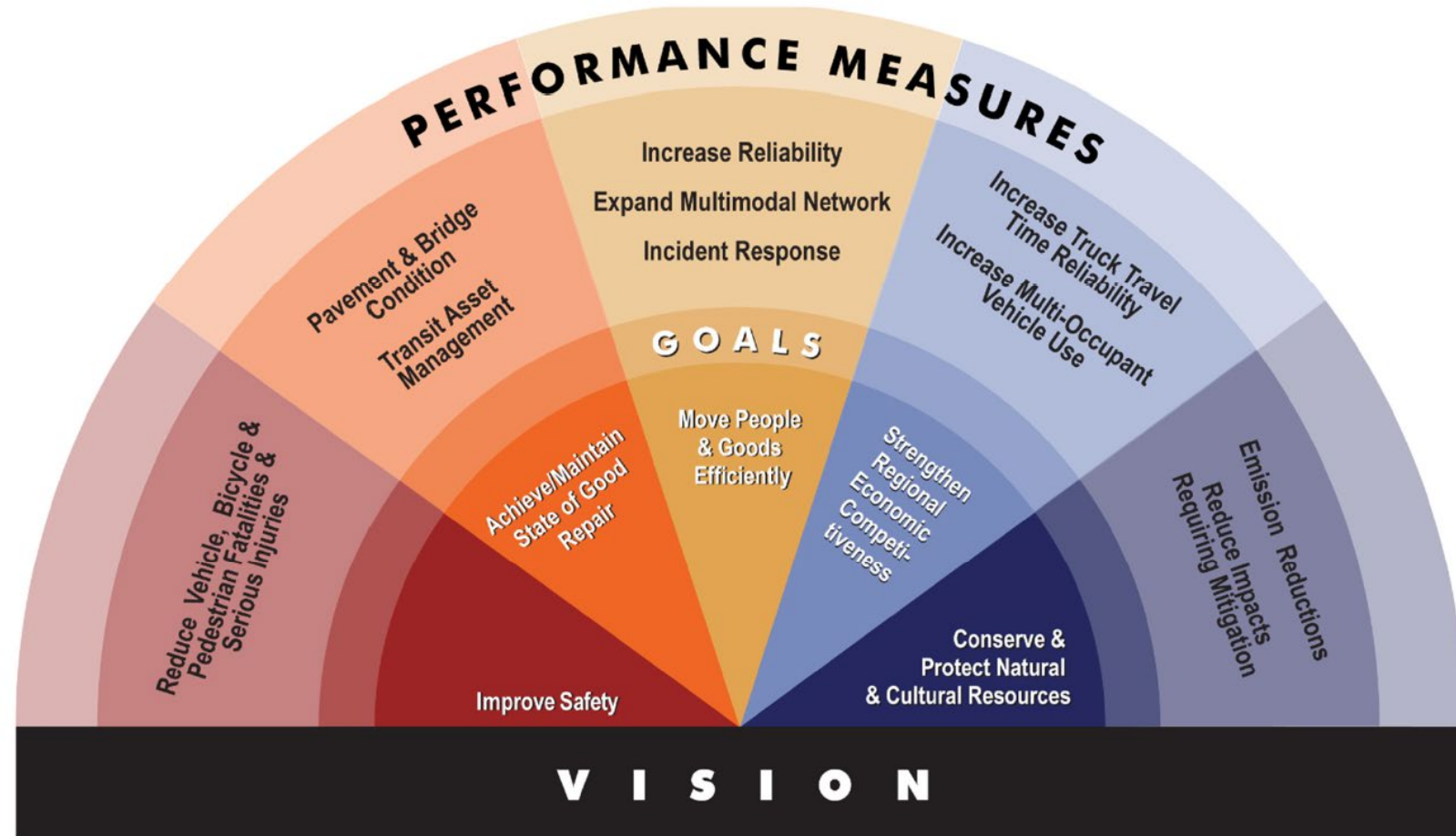


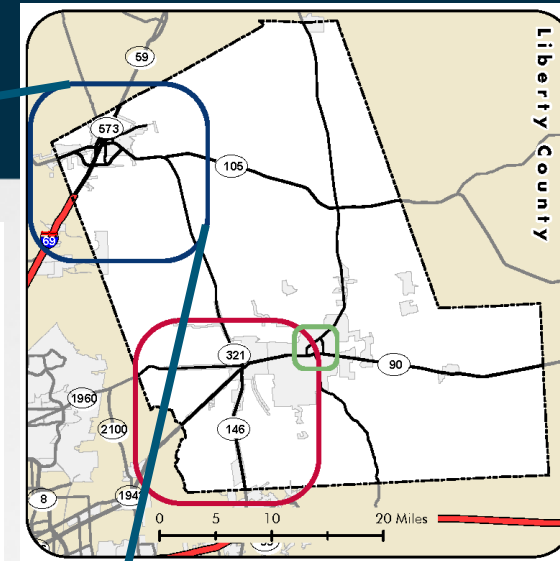
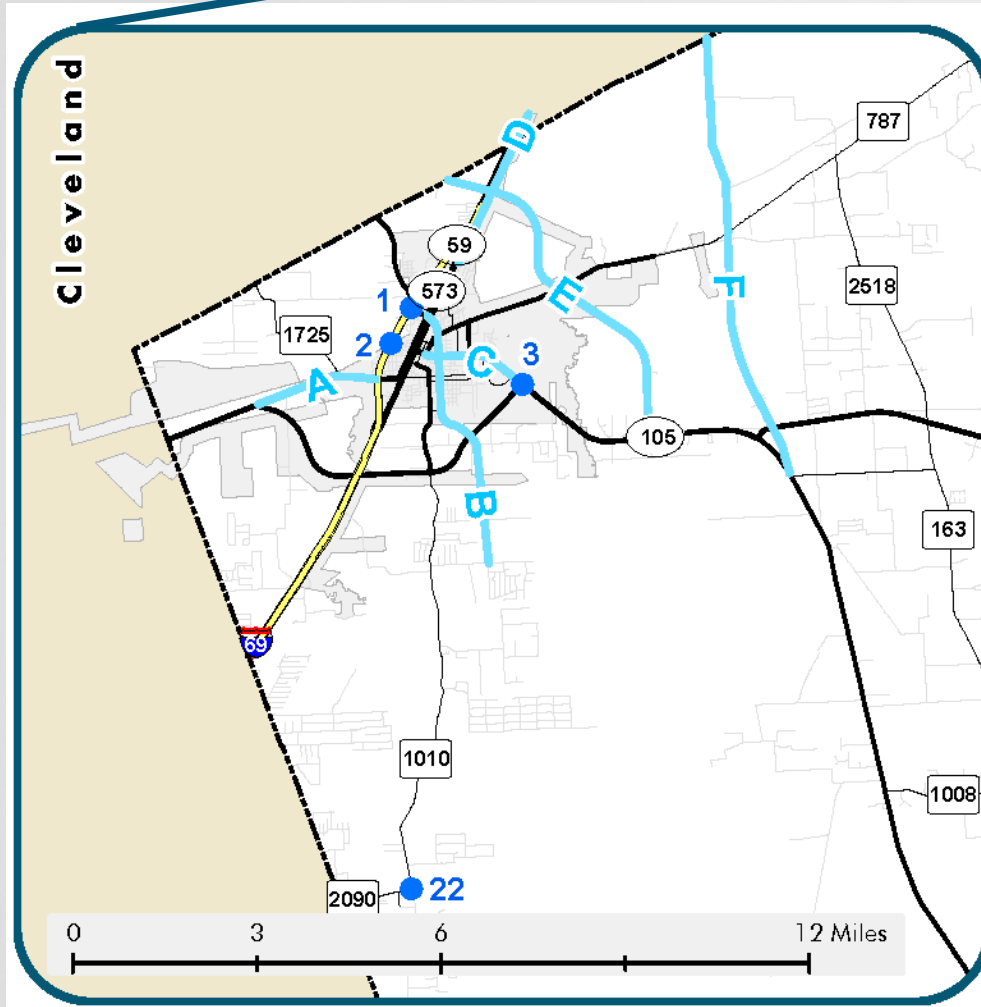
Figure 2-1: 2045 RTP Vision, Goals, and Performance Measures





# Identified Issues & Needs

# Cleveland



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

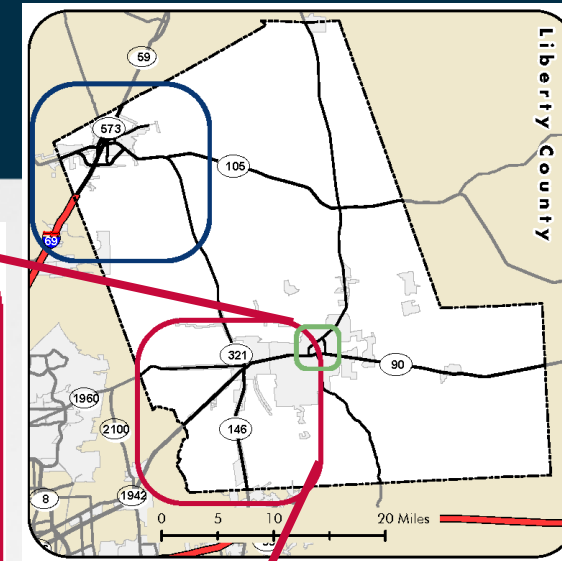
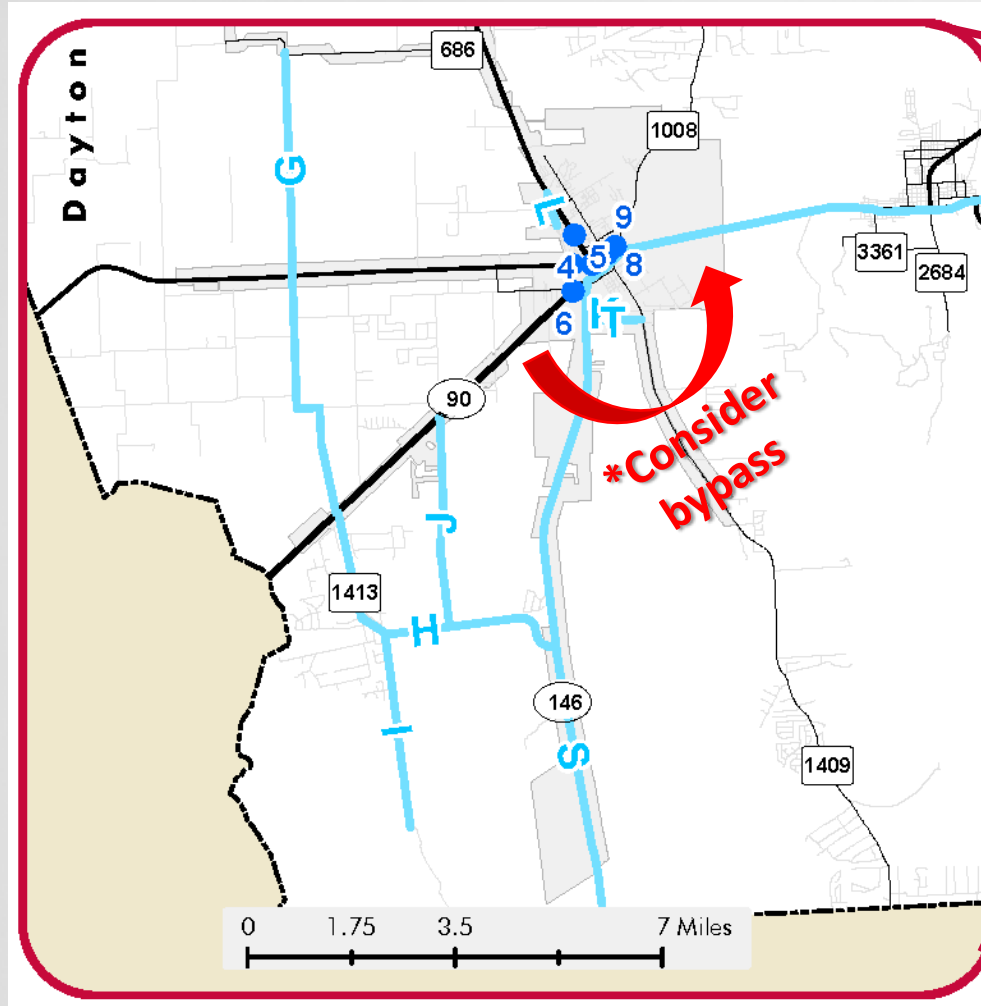
## ID Name

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

## 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



## Liberty County Roadways

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

## ID Name

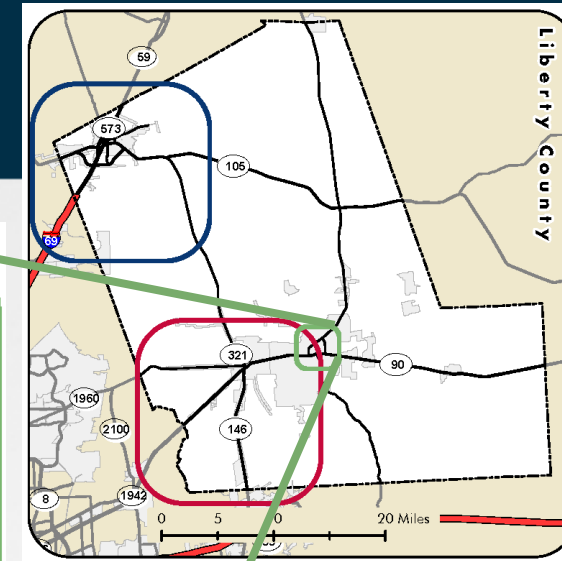
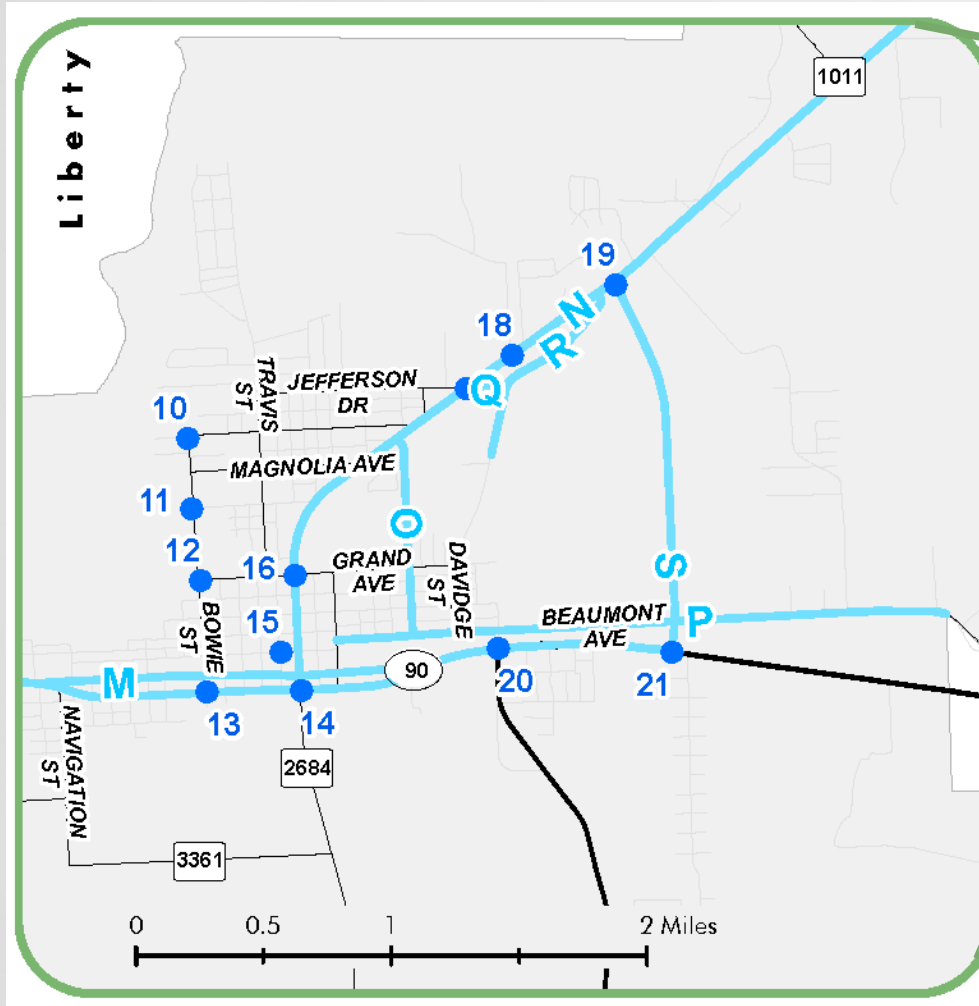
G	CR 604/615 - FM 686 to US 90
H	FM 1413 - US 90 to SH 146
I	CR 486 - FM 1413 to 17,419 S
J	CR 491 - US 90 to FM 1413
K	Lovers Ln - SH 146 to Lovers Ln
L	Waco St - Tram Rd to Waco St
S	SH 146 - N County Limits to S County Limits
T	Brown Rd - SH 146 to FM 1409

## 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	Low Street at Clayton Street



# Liberty



## Liberty County Roadways

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

## 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

## 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



ROADWAY (R)	MEDIAN (M)	<p>M1-CONSTRUCT RAISED MEDIAN (RIRO ACCESS)</p>	<p>M2-CONSTRUCT S-MEDIAN (LI ACCESS)</p>	<p>M3-CONSTRUCT REVERSE S-MEDIAN (LO ACCESS)</p>	
		<p>M4-CONSTRUCT TURBO-T (LILO ACCESS)</p>	<p>M5-CONSTRUCT MEDIAN OPENING (FULL ACCESS)</p>	<p>M6-TWLTL TO REMAIN (FULL ACCESS)</p>	
		<p>D1-CLOSE DRIVEWAY</p>	<p>D2-PROVIDE SHARED ACCESS (CONSOLIDATE DRIVEWAYS)</p>	<p>D3-PROVIDE SIDEWALK</p>	<p>D4-DRIVEWAY MODIFICATION (RO ONLY ACCESS)</p>
INTERSECTION (I)	MEDIAN (M)				
SIGNAL (S)	DRIVEWAY (D)				



# Existing Conditions



# Roadway Network

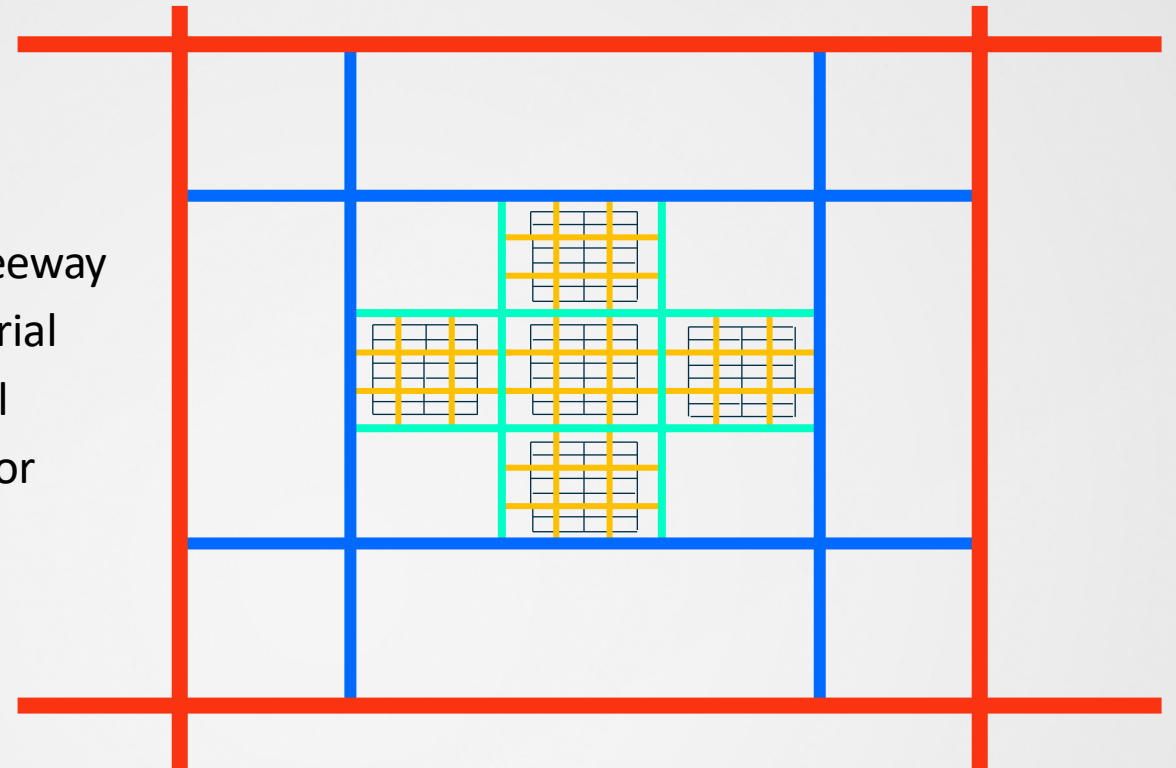


Higher speed, more capacity,  
longer distance

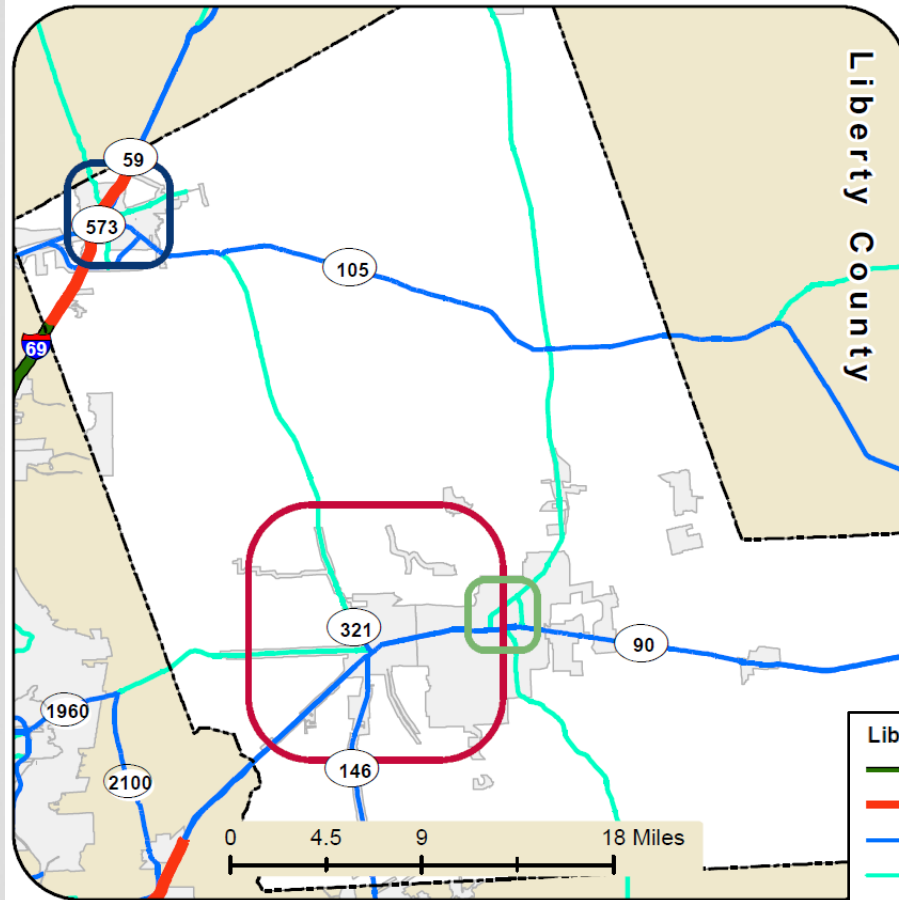


More access

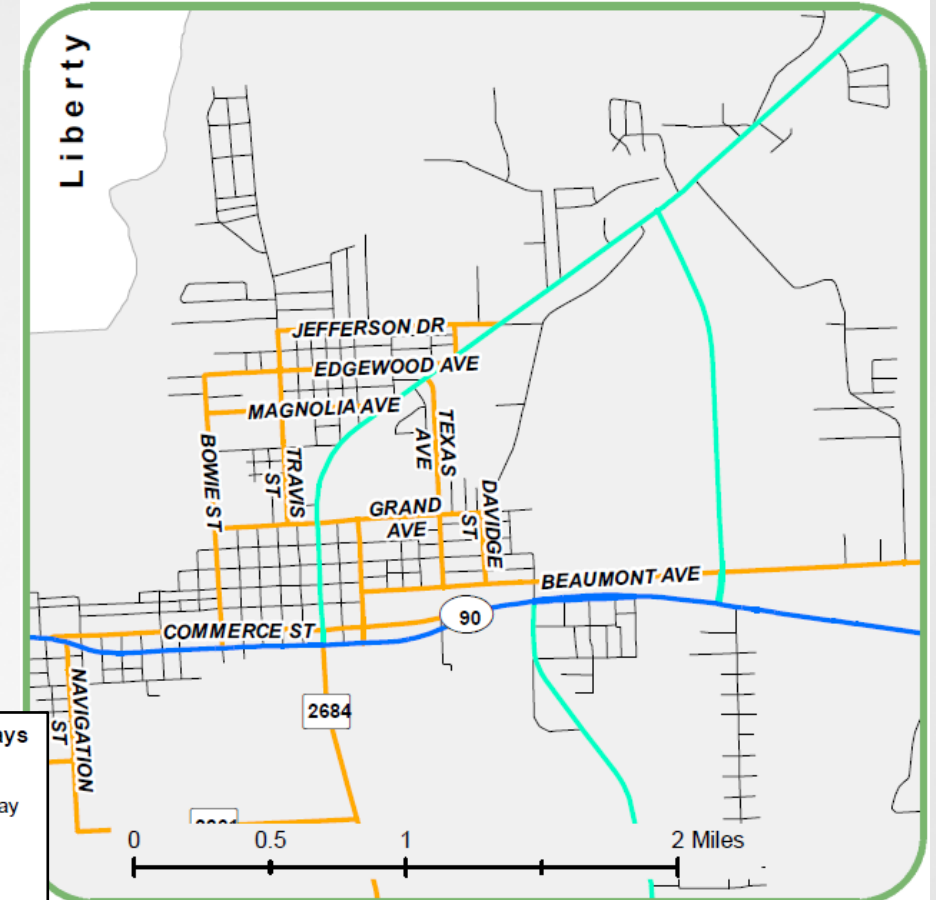
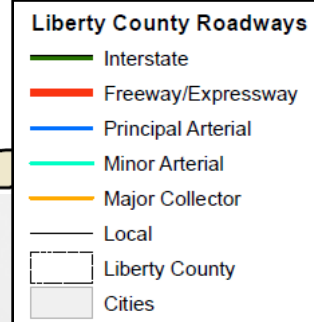
- Interstate/Freeway
- Principal Arterial
- Minor Arterial
- Major Collector
- Local



# Roadway Network – Liberty County



Source: TxDOT Roadway Inventory



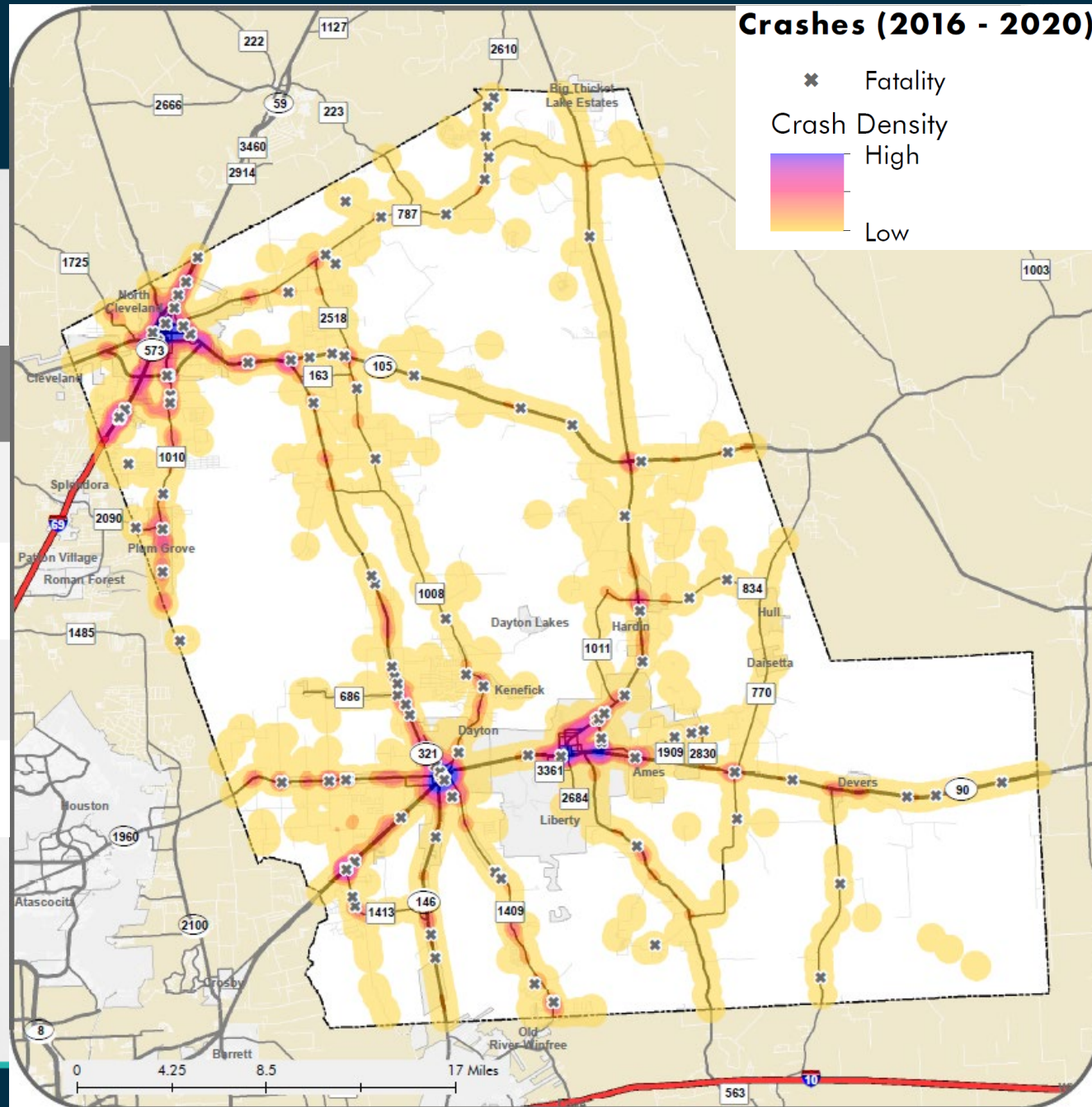


# Crash Data



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

Source: TxDOT CRIS Data, 2016 - 2020

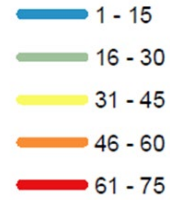


# Bicycle Activity



Source: TxDOT Strava data

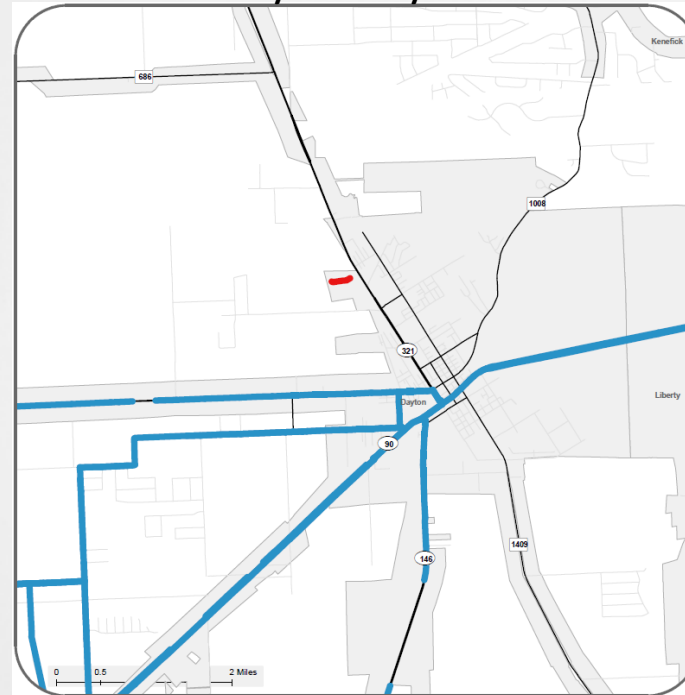
## Average Daily Bicycle Trips



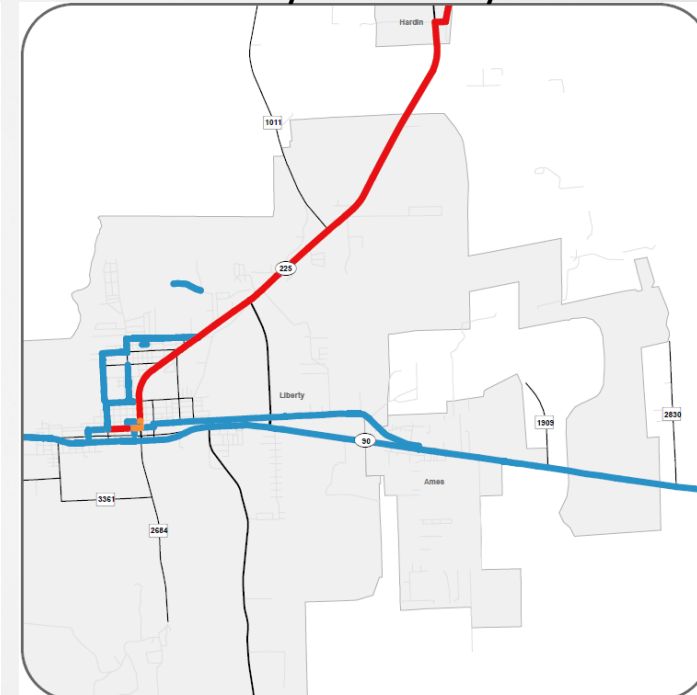
City of Cleveland



City of Dayton



City of Liberty





# Pedestrian Activity



Source: TxDOT Strava data

## Average Daily Pedestrian Trips



City of Cleveland



City of Dayton



City of Liberty



# Transit

- Cleveland Fixed Route
- Dayton Circulator
- Liberty & Ames Circulator

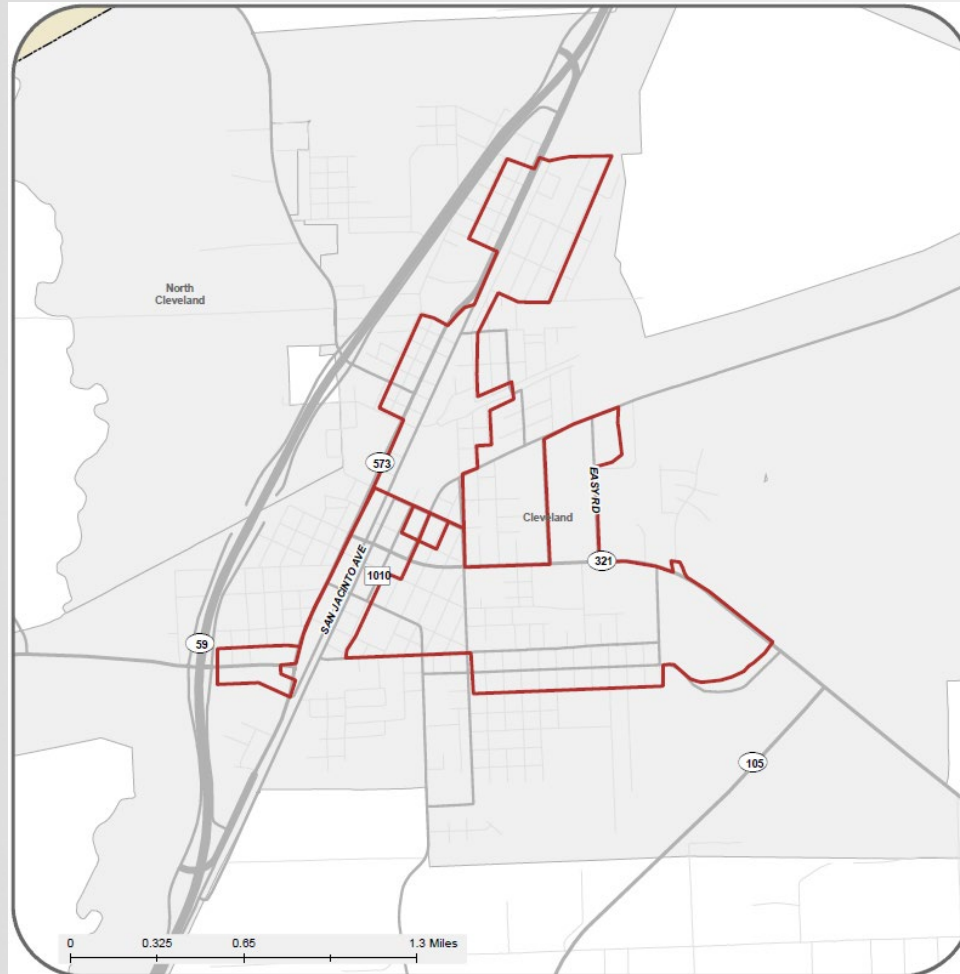
Source: H-GAC Open Data,  
TxDOT Roadway  
Inventory



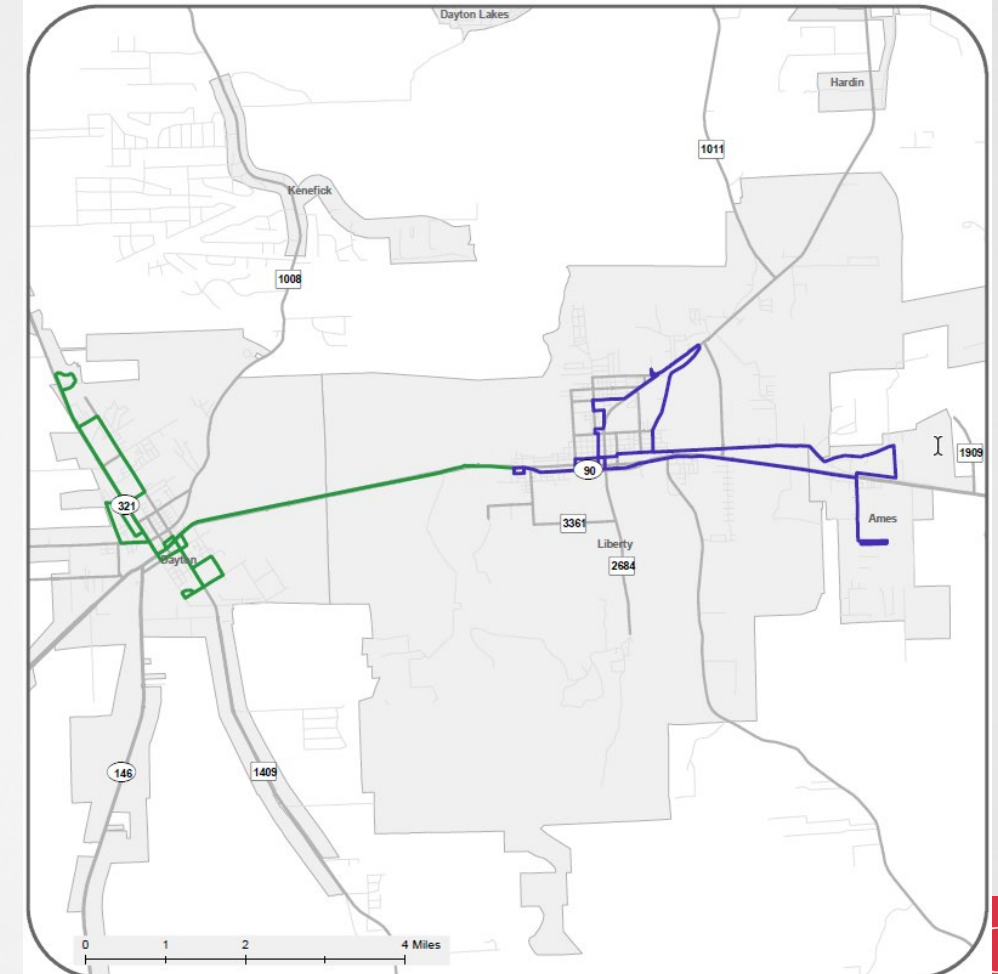
**BRAZOS TRANSIT  
DISTRICT**



City of Cleveland



Cities of Dayton and Liberty





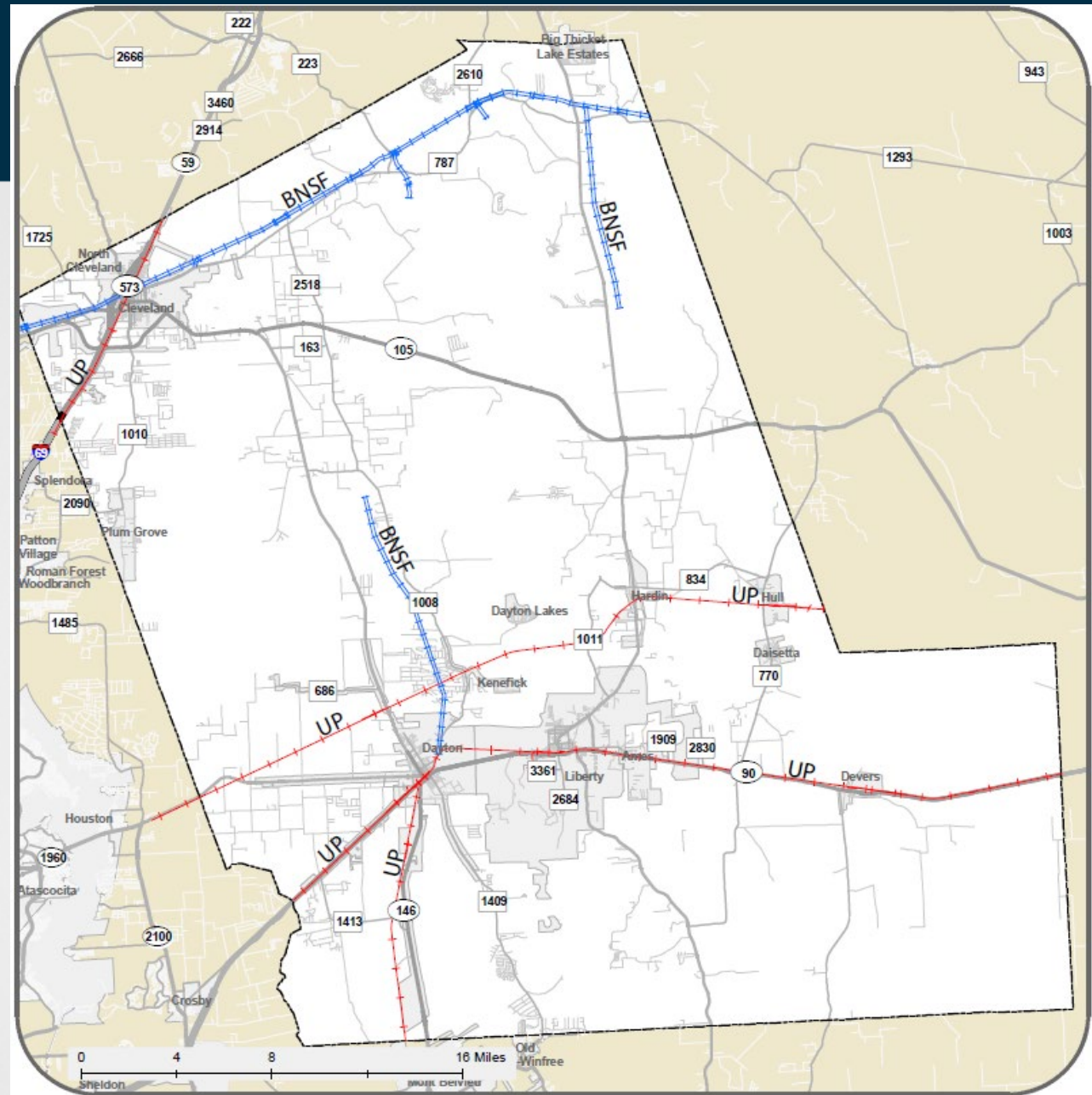
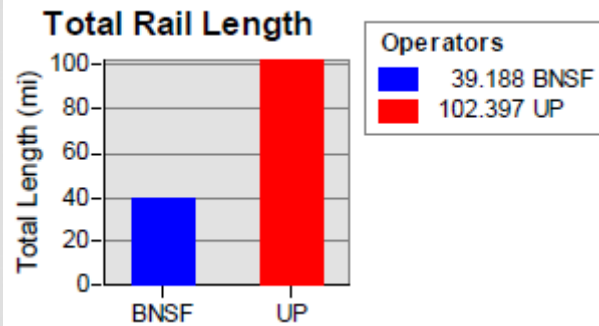


# Railroads



Source: H-GAC Open Data

 BNSF  
 UP

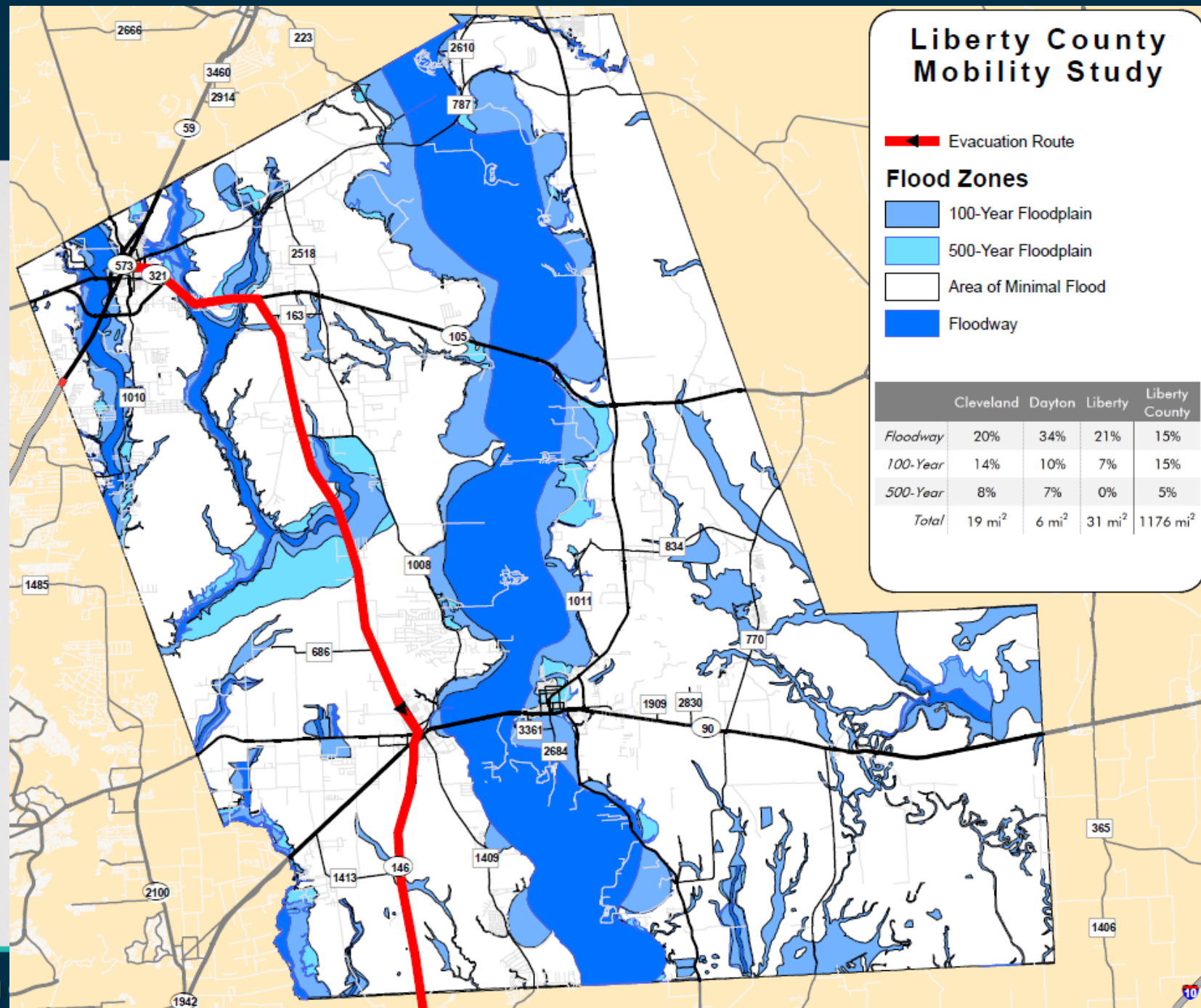




# Flood and Evacuation



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

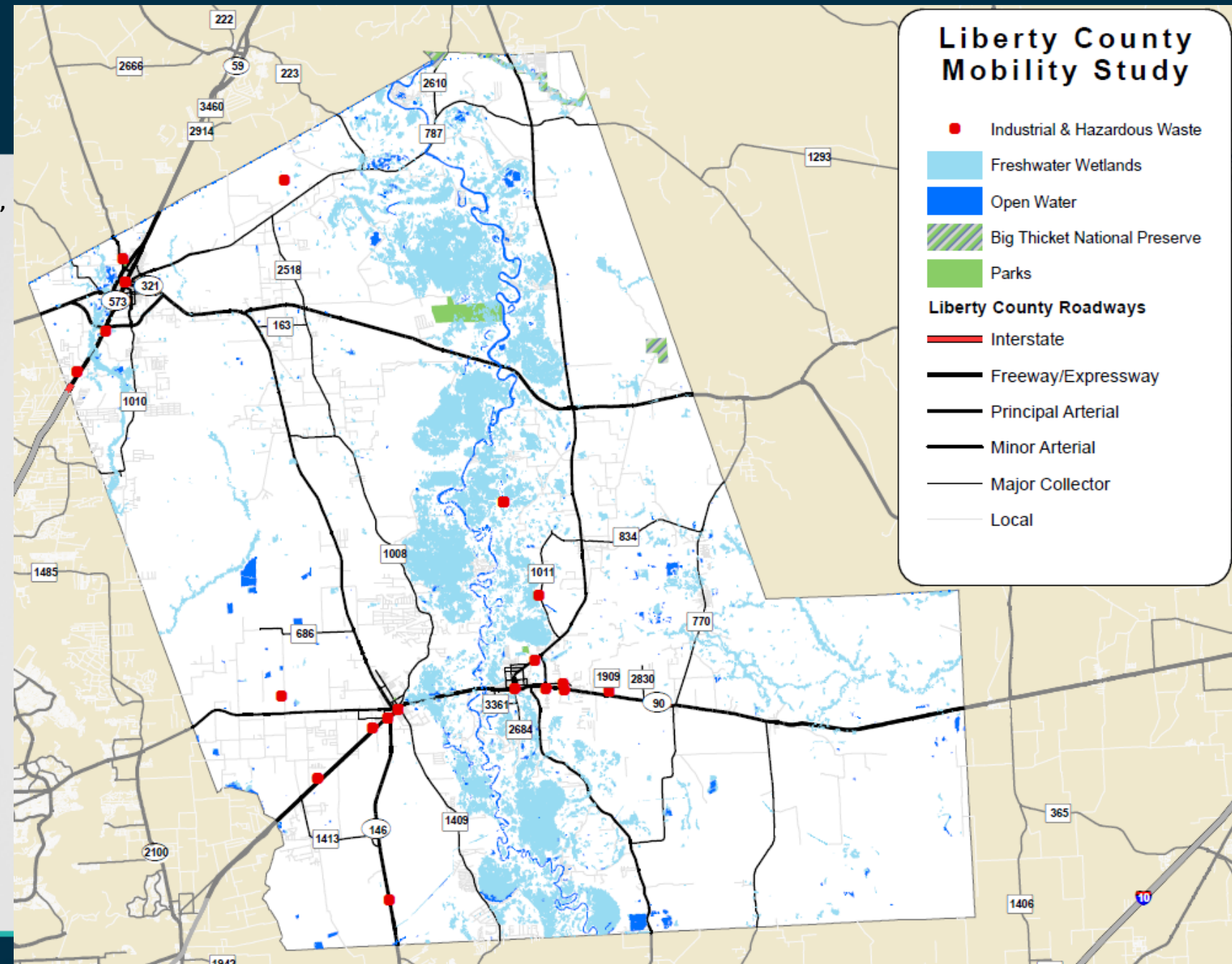




# Environment



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





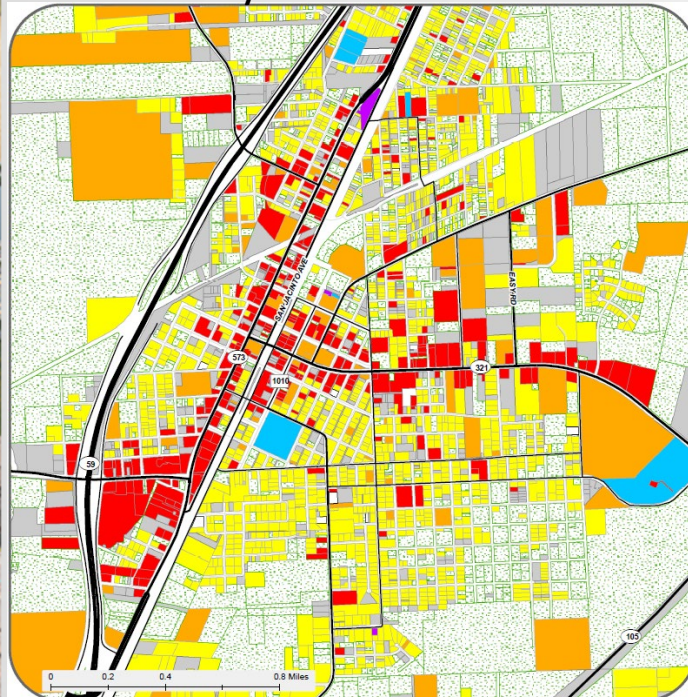
# Land Use



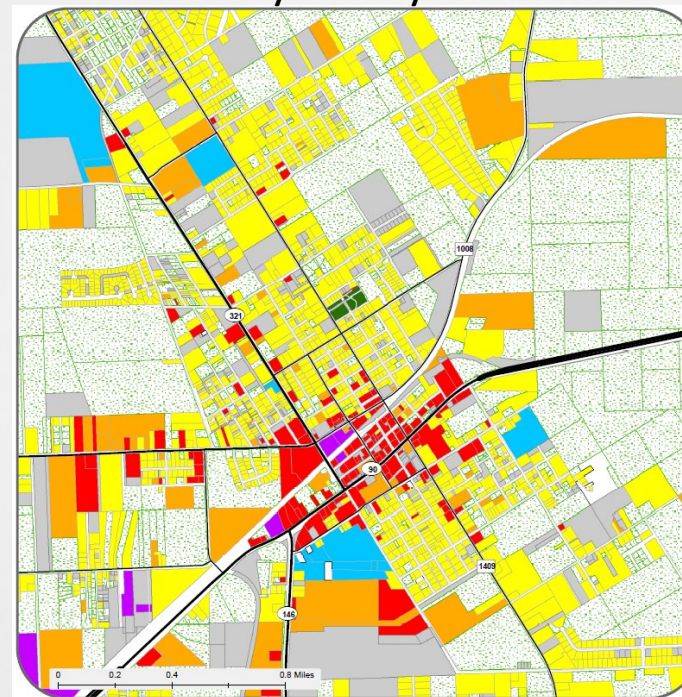
Source: H-GAC Regional Land Use Information System 2019

	Cleveland	Dayton	Liberty	Liberty County
<i>Commercial</i>	1.24%	0.33%	0.85%	0.14%
<i>Gov / Med / Edu</i>	0.36%	0.31%	0.08%	0.08%
<i>Industrial</i>	0.53%	0.69%	0.38%	0.55%
<i>Multiple</i>	7.14%	4.45%	5.62%	5.85%
<i>Parks / Open Space</i>	0.74%	0.05%	6.30%	3.82%
<i>Residential</i>	6.20%	5.44%	4.22%	4.54%
<i>Undevelopable</i>	<b>9.73%</b>	<b>21.79%</b>	<b>26.05%</b>	14.15%
<i>Unknown</i>	0.04%	0.53%	0.04%	0.05%
<i>Agricultural / Vacant</i>	<b>74.02%</b>	<b>66.41%</b>	<b>56.46%</b>	70.83%

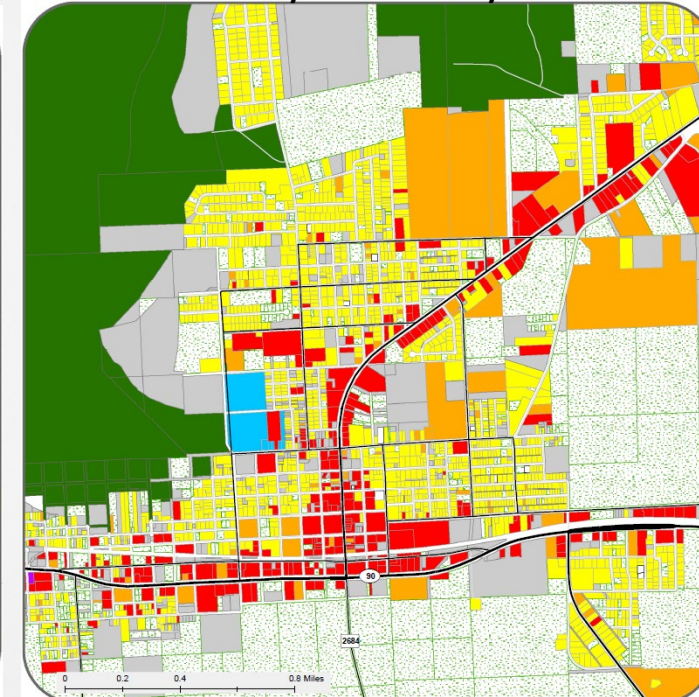
City of Cleveland



City of Dayton



City of Liberty





# Proposed Development

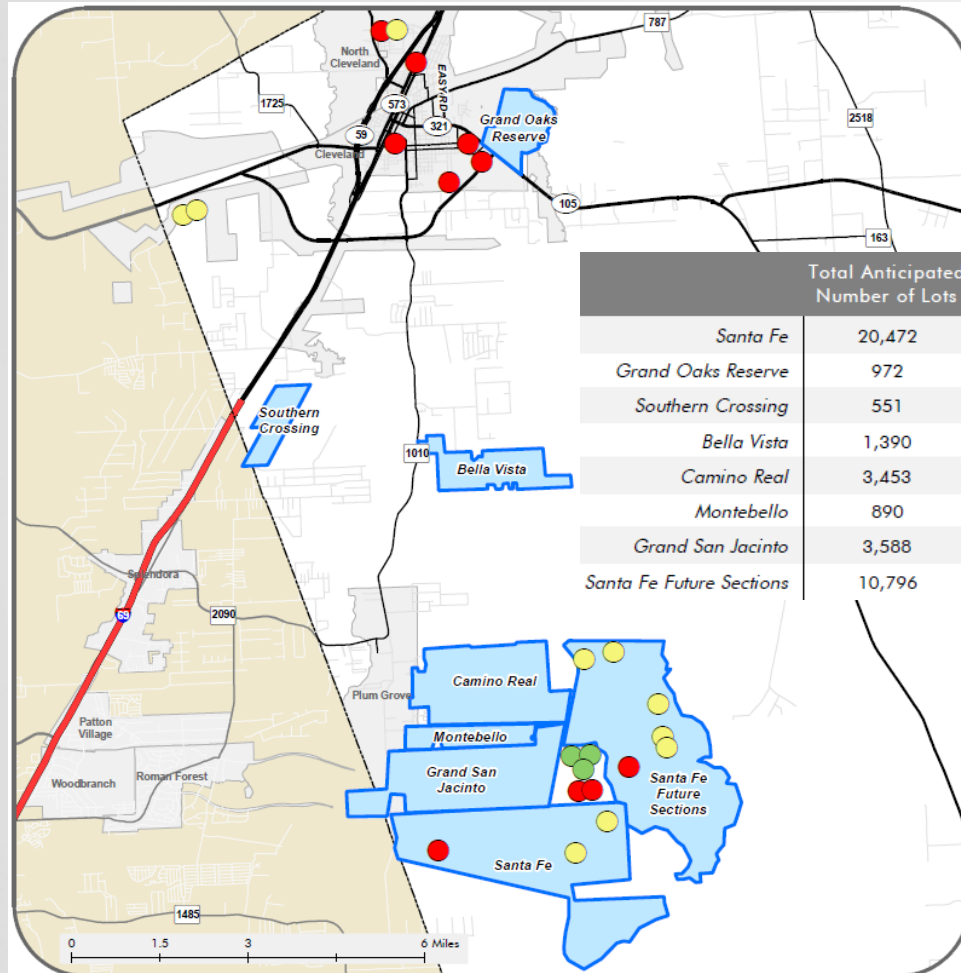
## Cleveland ISD School Sites

- Existing
- Proposed
- Potential

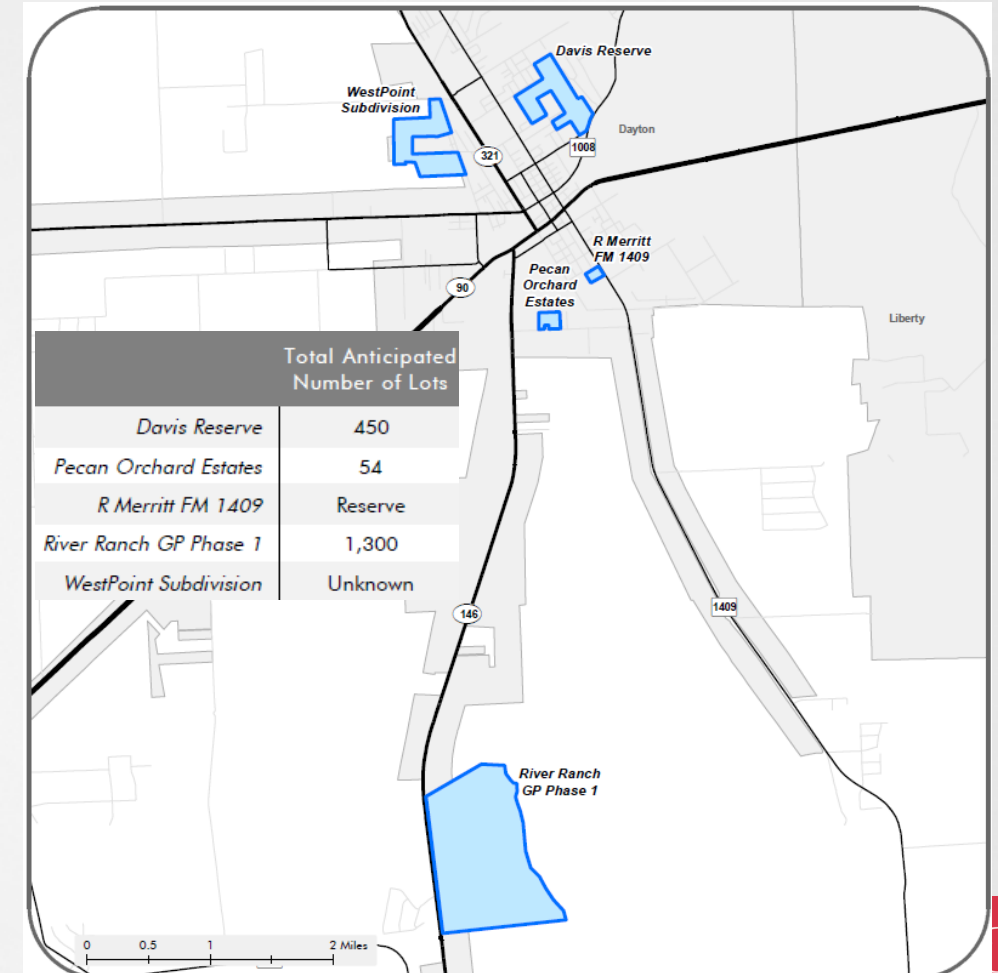
  Development Activity

Source: Cleveland ISD, City of Dayton

## City of Cleveland




## Dayton Area





# Your Role

# Your Role

- 
- Stay involved
    - Project website – [engage.H](#) - [GAC.com](#)
  - Tell us where to improve!
    - Public commenting tools
    - Upcoming public meetings

What happens with my feedback?



# Public Commenting Demonstration







# 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
- Create implementation and funding plan
- Final report



# Today's Process: Asking Questions

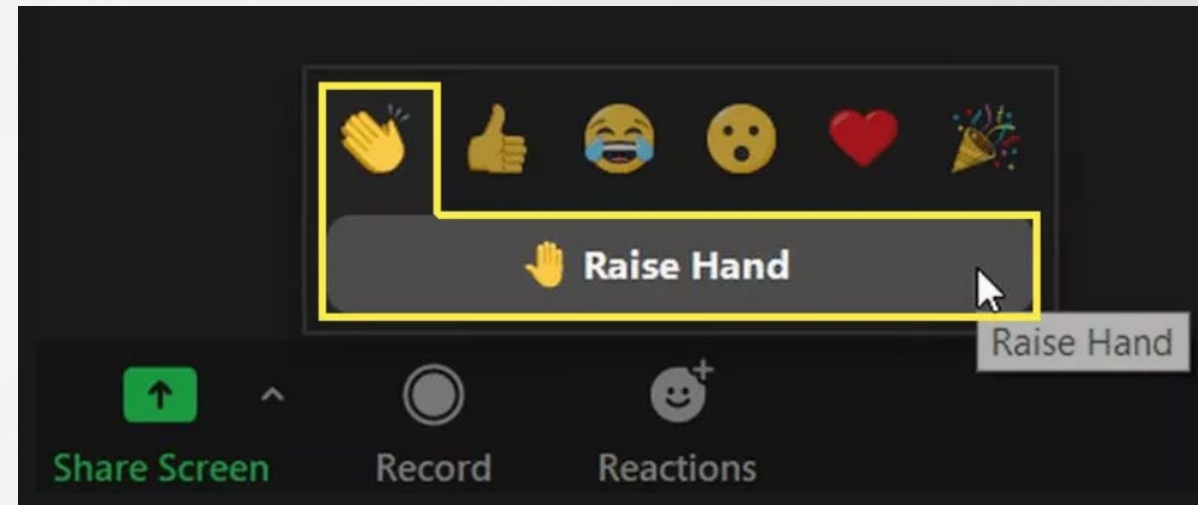
- All attendees except presenters are on mute during the meeting
- Please limit comments to 3 minutes each
- During Question and Answer portions of the meeting, if you would like to speak:

- ***Raise Hand in Zoom Meeting***

(During a meeting, navigate to the bottom options bar in your video screen and click **Reactions and Raise Hand**)

If you call and attending through toll-free number, Press \*9 to raise hand

- ***Staff will unmute you to speak***
- Click *Raise Hand* again to **Lower Hand** after you speak





# Questions and Answers

*What questions do you have for us?  
Please use the “chat” feature.*





# Thank You! Further Discussion

*For More Information:* [engage.H - GAC.com](https://engage.h-gac.com)

- Thomas Gray, AICP - [Thomas.Gray@h - gac.com](mailto:Thomas.Gray@h-gac.com)
- Allie Isbell, AICP - [Allie.Isbell@h - gac.com](mailto:Allie.Isbell@h-gac.com)



# Survey Responses

18 March 2021 - 01 June 2021

## Liberty County Mobility Study - Public Survey - Closed

### Engage HGAC

Project: Liberty County Mobility Study



#### VISITORS

48

#### CONTRIBUTORS

23

#### RESPONSES

23

23

Registered

0

Unverified

0

Anonymous

23

Registered

0

Unverified

0

Anonymous



**Respondent No:** 1  
**Login:** Flaca  
**Email:** Medrano93j@gmail.com

**Responded At:** Apr 16, 2021 15:45:17 pm  
**Last Seen:** Apr 16, 2021 22:41:07 pm  
**IP Address:** 76.205.254.5

Q1. What is your home Zip code? Cleveland, TX 77327

Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)? Cleveland, TX 77328

Q3. How long have you lived or worked in Liberty County? 6-10 years

Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?

Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Agree
Congestion	Agree
Limited Public Transportation Options	Neutral
Limited number of, or poor condition of, sidewalks and hike/bike trails	Agree
Heavy Truck Traffic	Neutral
Delay at Railroad Crossings	Neutral

Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)

1. Improve safety
2. Make intersection improvements
3. Create additional roadway connections and alternate routes
4. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)
5. Reduce congestion
6. Mitigate heavy truck traffic
7. Reduce delay at railroad crossings
8. Improve or expand public transportation services

Q6. How would you rate the following in Liberty County?

Road conditions	Fair
Traffic congestion	Fair
Sidewalks and crosswalks	Bad
Bike lanes/paths	Bad
Traffic signals	Fair
Overall safety	Fair
Alternative route options	Bad
Public Transit	Bad



**Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:**

Widen and/or Install medians to improve safety on major roads  
Build new roads to provide alternative routes, close gaps and minimize delays  
Improve IH-69/US 59 through Cleveland

**Q8. How have your travel patterns changed from before the COVID-19 pandemic began?**

Make fewer trips

**Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?**

Yes

**Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.**

not answered



**Respondent No:** 2  
**Login:** tucketrogers  
**Email:** headricknan@gmail.com

**Responded At:** Apr 16, 2021 20:35:29 pm  
**Last Seen:** Apr 17, 2021 03:30:00 am  
**IP Address:** 174.203.7.193

Q1. What is your home Zip code?	Dayton, TX 77535
Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?	Dayton, TX 77535
Q3. How long have you lived or worked in Liberty County?	20+ years
Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?	
Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Agree
Congestion	Agree
Limited Public Transportation Options	Agree
Limited number of, or poor condition of, sidewalks and hike/bike trails	Agree
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree
Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)	<ol style="list-style-type: none"><li>1. Reduce congestion</li><li>2. Create additional roadway connections and alternate routes</li><li>3. Reduce delay at railroad crossings</li><li>4. Improve safety</li><li>5. Make intersection improvements</li><li>6. Mitigate heavy truck traffic</li><li>7. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)</li><li>8. Improve or expand public transportation services</li></ol>
Q6. How would you rate the following in Liberty County?	
Road conditions	Bad
Traffic congestion	Bad
Sidewalks and crosswalks	Bad
Bike lanes/paths	Bad
Traffic signals	Bad
Overall safety	Fair
Alternative route options	Bad
Public Transit	Bad

Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:	<div>Reduce delay along US 90 through Dayton and Liberty</div> <div>Build a bypass highway around Dayton</div> <div>Reduce delay at railroad crossings</div>
Q8. How have your travel patterns changed from before the COVID-19 pandemic began?	<div>No change</div>
Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?	<div>I don't know</div>
Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.	<div>Dayton has the most issues and problems in the entire county.</div>





**Respondent No:** 3  
**Login:** PantherPlayer  
**Email:** gafigeac@libertyisd.net

**Responded At:** Apr 23, 2021 08:22:28 am  
**Last Seen:** Apr 23, 2021 15:04:22 pm  
**IP Address:** 104.225.180.64

Q1. What is your home Zip code?

Dayton, TX 77535

Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?

Liberty, TX 77575

Q3. How long have you lived or worked in Liberty County?

6-10 years

Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?

Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Agree
Congestion	Agree
Limited Public Transportation Options	Agree
Limited number of, or poor condition of, sidewalks and hike/bike trails	Agree
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree

Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)

1. Create additional roadway connections and alternate routes
2. Reduce congestion
3. Mitigate heavy truck traffic
4. Reduce delay at railroad crossings
5. Improve or expand public transportation services
6. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)
7. Make intersection improvements
8. Improve safety

Q6. How would you rate the following in Liberty County?

Road conditions	Bad
Traffic congestion	Bad
Sidewalks and crosswalks	No Opinion
Bike lanes/paths	Bad
Traffic signals	Bad
Overall safety	Fair
Alternative route options	Bad
Public Transit	Bad

Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:	<div>Reduce delay along US 90 through Dayton and Liberty</div> <div>Build new roads to provide alternative routes, close gaps and minimize delays</div> <div>Build a bypass highway around Dayton</div>
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Q8. How have your travel patterns changed from before the COVID-19 pandemic began?	No change
--	-----------

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Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?	Yes
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**Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.**

Finishing up my tenth year in our great county and thankful something is being done about the traffic situation as it has only gotten worse. Bottom line: a bypass and/or alternative routes around Dayton and Liberty are long overdue. While safety is always a concern, two factors are vital to improving this: better roads (some are in atrocious condition) and better enforcement of traffic regulations by law enforcement (a tender subject these days). Have never truly understood the truck traffic on 90 especially since most industry is off of I-10 but mitigating that would be an appreciated welcome. Lastly, a form of public transportation (beyond the Brazos Transit bus) might provide some relief in traffic congestion but there are far more vital areas that require immediate attention and solution. Thank you again for doing all you can and know it is appreciated; have a blessed day.

---



**Respondent No:** 4  
**Login:** reginav  
**Email:** regina@reginavollmer.com

**Responded At:** Apr 27, 2021 18:11:13 pm  
**Last Seen:** Apr 28, 2021 00:59:52 am  
**IP Address:** 74.194.154.240

Q1. What is your home Zip code? Splendora, TX 77372

Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)? Splendora, TX 77372

Q3. How long have you lived or worked in Liberty County? 20+ years

Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?

Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Agree
Congestion	Agree
Limited Public Transportation Options	Agree
Limited number of, or poor condition of, sidewalks and hike/bike trails	Agree
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree

Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)

1. Reduce delay at railroad crossings
2. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)
3. Create additional roadway connections and alternate routes
4. Improve or expand public transportation services
5. Mitigate heavy truck traffic
6. Make intersection improvements
7. Reduce congestion
8. Improve safety

Q6. How would you rate the following in Liberty County?

Road conditions	Bad
Traffic congestion	Bad
Sidewalks and crosswalks	Fair
Bike lanes/paths	Bad
Traffic signals	Fair
Overall safety	Fair
Alternative route options	Fair
Public Transit	Bad



**Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:**

Improve signal timings  
Widen and/or Install medians to improve safety on major roads  
Improve IH-69/US 59 through Cleveland

**Q8. How have your travel patterns changed from before the COVID-19 pandemic began?**

Made more, but returned to normal

**Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?**

No

**Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.**

My zip code reflects Splendora 77372 but I do actually live in what we call no mans land in Liberty County.



**Respondent No:** 5  
**Login:** rgward  
**Email:** rgward@libertyisd.net

**Responded At:** Apr 28, 2021 08:34:24 am  
**Last Seen:** May 25, 2021 18:50:05 pm  
**IP Address:** 104.225.163.151

Q1. What is your home Zip code?	Liberty, TX 77575
Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?	Liberty, TX 77575
Q3. How long have you lived or worked in Liberty County?	20+ years
Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?	
Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Agree
Congestion	Agree
Limited Public Transportation Options	Agree
Limited number of, or poor condition of, sidewalks and hike/bike trails	Agree
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree
Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)	<ol style="list-style-type: none"><li>1. Improve safety</li><li>2. Reduce congestion</li><li>3. Reduce delay at railroad crossings</li><li>4. Make intersection improvements</li><li>5. Create additional roadway connections and alternate routes</li><li>6. Mitigate heavy truck traffic</li><li>7. Improve or expand public transportation services</li><li>8. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)</li></ol>
Q6. How would you rate the following in Liberty County?	
Road conditions	Fair
Traffic congestion	Bad
Sidewalks and crosswalks	Bad
Bike lanes/paths	Bad
Traffic signals	Fair
Overall safety	Fair
Alternative route options	Fair
Public Transit	Fair

Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:

Reduce delay along US 90 through Dayton and Liberty

Reduce delay at railroad crossings

**Other (please specify)**

Install middle turning lane on 146 Bypass between Beaumont Avenue and Walmart

Q8. How have your travel patterns changed from before the COVID-19 pandemic began?

Made fewer, but returned to normal

Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?

not answered

Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.

not answered





**Respondent No:** 6  
**Login:** Rob Vine  
**Email:** rvine@daytontx.org

**Responded At:** Apr 29, 2021 11:14:30 am  
**Last Seen:** May 25, 2021 18:42:33 pm  
**IP Address:** 12.189.112.10

Q1. What is your home Zip code?	Dayton, TX 77535
Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?	Dayton, TX 77535
Q3. How long have you lived or worked in Liberty County?	0-5 years
Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?	
Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Agree
Congestion	Agree
Limited Public Transportation Options	Neutral
Limited number of, or poor condition of, sidewalks and hike/bike trails	Neutral
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree
Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)	<ol style="list-style-type: none"><li>1. Create additional roadway connections and alternate routes</li><li>2. Mitigate heavy truck traffic</li><li>3. Reduce congestion</li><li>4. Improve safety</li><li>5. Reduce delay at railroad crossings</li><li>6. Make intersection improvements</li><li>7. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)</li><li>8. Improve or expand public transportation services</li></ol>
Q6. How would you rate the following in Liberty County?	
Road conditions	Bad
Traffic congestion	Bad
Sidewalks and crosswalks	Fair
Bike lanes/paths	No Opinion
Traffic signals	Fair
Overall safety	Fair
Alternative route options	Bad
Public Transit	No Opinion

Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:	Reduce delay along US 90 through Dayton and Liberty Build new roads to provide alternative routes, close gaps and minimize delays Build a bypass highway around Dayton
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Q8. How have your travel patterns changed from before the COVID-19 pandemic began?	No change
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Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?	not answered
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Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.

The roadways in Dayton were not designed to handle the amount of daily traffic we are currently seeing, nor will they be to handle increased numbers in the future. A loop around Dayton would greatly reduce pass-through traffic and would help reduce congestion with local traffic. A loop would also reduce big truck traffic and increase safety within the city limits of Dayton. As the Chief of Police for the City of Dayton I have some major concerns about the safety of our citizens and those who have to contend with the terrible flow of traffic twice a day as they pass through our city to go to work and back home again. This problem will only continue to deteriorate and cause increase in frustration until a solution is found. The current roadways are obviously inadequate and will continue to be inadequate. More roadways, a bypass, an elevated roadway over railroad crossing on Hwy 90 and some adjustments to some intersections, additional lanes on Hwy 90 would be a great start to creating actual "traffic flow". I would welcome the opportunity to be a part of the group that works towards a solution for this problem - because I get blamed for it everyday.



**Respondent No:** 7  
**Login:** jaward  
**Email:** feedloadr@aol.com

**Responded At:** Apr 29, 2021 12:52:16 pm  
**Last Seen:** Apr 29, 2021 18:36:44 pm  
**IP Address:** 198.62.219.9

Q1. What is your home Zip code?

Tarkington Prairie, TX 77327

Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?

Conroe, TX 77306

Q3. How long have you lived or worked in Liberty County?

20+ years

Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?

Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Agree
Congestion	Agree
Limited Public Transportation Options	Neutral
Limited number of, or poor condition of, sidewalks and hike/bike trails	Agree
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree

Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)

1. Improve safety
2. Reduce congestion
3. Create additional roadway connections and alternate routes
4. Mitigate heavy truck traffic
5. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)
6. Make intersection improvements
7. Reduce delay at railroad crossings
8. Improve or expand public transportation services

Q6. How would you rate the following in Liberty County?

Road conditions	Fair
Traffic congestion	Fair
Sidewalks and crosswalks	Bad
Bike lanes/paths	Bad
Traffic signals	Fair
Overall safety	Bad
Alternative route options	Bad
Public Transit	Bad



Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:

Build new roads to provide alternative routes, close gaps and minimize delays  
Improve IH-69/US 59 through Cleveland  
Make it easier to make left turns at intersections or business entrances

Q8. How have your travel patterns changed from before the COVID-19 pandemic began?

No change

Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?

not answered

Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.

If #7 had a top four instead of top three, sidewalks along SH 321 inside the city of Cleveland. The amount of electric wheel chairs and kids after school walking along the shoulder is asking for a senseless death.



**Respondent No:** 8  
**Login:** bjohnston  
**Email:** branjohnston01@gmail.com

**Responded At:** Apr 29, 2021 13:41:44 pm  
**Last Seen:** Apr 29, 2021 20:35:33 pm  
**IP Address:** 71.131.40.47

Q1. What is your home Zip code?	Kenefick, TX 77535
Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?	Houston, TX 77029
Q3. How long have you lived or worked in Liberty County?	20+ years
Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?	
Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Agree
Congestion	Agree
Limited Public Transportation Options	Neutral
Limited number of, or poor condition of, sidewalks and hike/bike trails	Disagree
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree
Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)	<ol style="list-style-type: none"><li>1. Reduce congestion</li><li>2. Create additional roadway connections and alternate routes</li><li>3. Reduce delay at railroad crossings</li><li>4. Mitigate heavy truck traffic</li><li>5. Make intersection improvements</li><li>6. Improve safety</li><li>7. Improve or expand public transportation services</li><li>8. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)</li></ol>
Q6. How would you rate the following in Liberty County?	
Road conditions	Bad
Traffic congestion	Bad
Sidewalks and crosswalks	Fair
Bike lanes/paths	No Opinion
Traffic signals	Bad
Overall safety	Fair
Alternative route options	Bad
Public Transit	No Opinion

**Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:**

Reduce delay along US 90 through Dayton and Liberty  
Build a bypass highway around Dayton  
Reduce delay at railroad crossings

**Q8. How have your travel patterns changed from before the COVID-19 pandemic began?**

No change

**Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?**

not answered

**Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.**

not answered



**Respondent No:** 9  
**Login:** Jackie  
**Email:** jennor@dayton.tx.org

**Responded At:** Apr 29, 2021 14:20:57 pm  
**Last Seen:** Apr 29, 2021 21:18:10 pm  
**IP Address:** 12.189.112.10

Q1. What is your home Zip code?	Crosby, TX 77532
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Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?	Dayton, TX 77535
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Q3. How long have you lived or worked in Liberty County?	0-5 years
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Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?	
Safety	Neutral
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Neutral
Congestion	Agree
Limited Public Transportation Options	Neutral
Limited number of, or poor condition of, sidewalks and hike/bike trails	Agree
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree

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Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)	<div>1. Improve safety</div> <div>2. Reduce congestion</div> <div>3. Mitigate heavy truck traffic</div> <div>4. Reduce delay at railroad crossings</div> <div>5. Make intersection improvements</div> <div>6. Create additional roadway connections and alternate routes</div> <div>7. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)</div> <div>8. Improve or expand public transportation services</div>
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Q6. How would you rate the following in Liberty County?	
Road conditions	Fair
Traffic congestion	Bad
Sidewalks and crosswalks	Fair
Bike lanes/paths	Fair
Traffic signals	Fair
Overall safety	Fair
Alternative route options	Fair
Public Transit	Fair

---



**Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:**

Reduce delay along US 90 through Dayton and Liberty  
Widen and/or Install medians to improve safety on major roads  
Reduce delay at railroad crossings

**Q8. How have your travel patterns changed from before the COVID-19 pandemic began?**

No change

**Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?**

I don't know

**Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.**

not answered



**Respondent No:** 10

**Login:** Cindy

**Email:** cindysuehenry@hotmail.co  
m

**Responded At:** Apr 29, 2021 18:13:23 pm

**Last Seen:** Apr 30, 2021 01:05:40 am

**IP Address:** 73.136.141.32

- 
- Q1. **What is your home Zip code?** Liberty, TX 77575
- 
- Q2. **What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?** Liberty, TX 77575
- 
- Q3. **How long have you lived or worked in Liberty County?** 20+ years
- 
- Q4. **The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?**
- |   |       |
|---|-------|
| Safety  | Agree |
| Intersection Improvements   | Agree |
| Lack of Road Connectivity/Alternative Routes                            | Agree |
| Congestion  | Agree |
| Limited Public Transportation Options                                   | Agree |
| Limited number of, or poor condition of, sidewalks and hike/bike trails | Agree |
| Heavy Truck Traffic   | Agree |
| Delay at Railroad Crossings   | Agree |
- 
- Q5. **From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)**
1. Improve safety
  2. Make intersection improvements
  3. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)
  4. Reduce delay at railroad crossings
  5. Create additional roadway connections and alternate routes
  6. Mitigate heavy truck traffic
  7. Improve or expand public transportation services
  8. Reduce congestion
-

**Q6. How would you rate the following in Liberty County?**

Road conditions	Fair
Traffic congestion	Fair
Sidewalks and crosswalks	Bad
Bike lanes/paths	Bad
Traffic signals	Fair
Overall safety	Fair
Alternative route options	Bad
Public Transit	Bad

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**Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:**

Provide Park and Ride service to Downtown Houston and the Texas Medical Center  
Build a bypass highway around Dayton  
Build new sidewalks (or improve existing ones)

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**Q8. How have your travel patterns changed from before the COVID-19 pandemic began?**

Make fewer trips

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**Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?**

Yes

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**Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.**

Trying to turn into Forest Hills Subdivision going N on 146 is a nightmare. Trucks and cars enter the turning lane to go on the bypass too early.

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**Respondent No:** 11

**Login:** Lindsay Lawrence

**Email:** lindsayvanetta@gmail.com

**Responded At:** Apr 29, 2021 20:00:42 pm

**Last Seen:** Apr 30, 2021 02:56:24 am

**IP Address:** 73.136.140.93

Q1. What is your home Zip code?

Liberty, TX 77575

Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?

Liberty, TX 77575

Q3. How long have you lived or worked in Liberty County?

20+ years

Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?

Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Neutral
Congestion	Agree
Limited Public Transportation Options	Disagree
Limited number of, or poor condition of, sidewalks and hike/bike trails	Agree
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree

Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)

1. Improve safety
2. Reduce congestion
3. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)
4. Make intersection improvements
5. Reduce delay at railroad crossings
6. Mitigate heavy truck traffic
7. Create additional roadway connections and alternate routes
8. Improve or expand public transportation services

Q6. How would you rate the following in Liberty County?

Road conditions	No Opinion
Traffic congestion	Bad
Sidewalks and crosswalks	Bad
Bike lanes/paths	Bad
Traffic signals	Bad
Overall safety	Fair
Alternative route options	Bad
Public Transit	No Opinion



**Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:**

Reduce delay along US 90 through Dayton and Liberty  
Widen and/or Install medians to improve safety on major roads  
Build new sidewalks (or improve existing ones)

**Q8. How have your travel patterns changed from before the COVID-19 pandemic began?**

No change

**Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?**

Yes

**Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.**

not answered



**Respondent No:** 12  
**Login:** MarshaR  
**Email:** marshaarts@gmail.com

**Responded At:** Apr 30, 2021 08:11:16 am  
**Last Seen:** Apr 30, 2021 14:40:43 pm  
**IP Address:** 98.196.171.73

Q1. What is your home Zip code?	Liberty, TX 77575
Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?	Liberty, TX 77575
Q3. How long have you lived or worked in Liberty County?	20+ years
Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?	
Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Agree
Congestion	Agree
Limited Public Transportation Options	Neutral
Limited number of, or poor condition of, sidewalks and hike/bike trails	Agree
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree
Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)	<ol style="list-style-type: none"><li>1. Improve or expand public transportation services</li><li>2. Make intersection improvements</li><li>3. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)</li><li>4. Reduce congestion</li><li>5. Create additional roadway connections and alternate routes</li><li>6. Reduce delay at railroad crossings</li><li>7. Mitigate heavy truck traffic</li><li>8. Improve safety</li></ol>
Q6. How would you rate the following in Liberty County?	
Road conditions	Good
Traffic congestion	Bad
Sidewalks and crosswalks	Bad
Bike lanes/paths	Bad
Traffic signals	Bad
Overall safety	Fair
Alternative route options	Bad
Public Transit	No Opinion

**Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:**

Improve signal timings

Build new roads to provide alternative routes, close gaps and minimize delays

Build a bypass highway around Dayton

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**Q8. How have your travel patterns changed from before the COVID-19 pandemic began?**

Make fewer trips

---

**Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?**

Yes

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**Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.**

not answered

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**Respondent No:** 13  
**Login:** bkeller  
**Email:** billy.keller80@gmail.com

**Responded At:** Apr 30, 2021 21:17:59 pm  
**Last Seen:** May 01, 2021 04:12:22 am  
**IP Address:** 76.198.230.18

Q1. What is your home Zip code? Cleveland, TX 77327

Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)? Cleveland, TX 77327

Q3. How long have you lived or worked in Liberty County? 20+ years

Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?

Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Agree
Congestion	Agree
Limited Public Transportation Options	Disagree
Limited number of, or poor condition of, sidewalks and hike/bike trails	Neutral
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree

Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)

1. Improve safety
2. Create additional roadway connections and alternate routes
3. Reduce congestion
4. Mitigate heavy truck traffic
5. Make intersection improvements
6. Reduce delay at railroad crossings
7. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)
8. Improve or expand public transportation services

Q6. How would you rate the following in Liberty County?

Road conditions	Fair
Traffic congestion	Bad
Sidewalks and crosswalks	Fair
Bike lanes/paths	Fair
Traffic signals	Bad
Overall safety	Fair
Alternative route options	Bad
Public Transit	No Opinion



Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:

Widen and/or Install medians to improve safety on major roads  
Build new roads to provide alternative routes, close gaps and minimize delays  
Improve IH-69/US 59 through Cleveland

Q8. How have your travel patterns changed from before the COVID-19 pandemic began?

No change

Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?

not answered

Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.

not answered



**Respondent No:** 14  
**Login:** DISD Transportation  
**Email:** paci.cantu@daytonisd.net

**Responded At:** May 06, 2021 16:34:03 pm  
**Last Seen:** May 06, 2021 23:20:39 pm  
**IP Address:** 98.195.202.167

Q1. What is your home Zip code?	Baytown, TX 77521
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Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?	Dayton, TX 77535
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Q3. How long have you lived or worked in Liberty County?	6-10 years
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Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?	
Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Agree
Congestion	Agree
Limited Public Transportation Options	Agree
Limited number of, or poor condition of, sidewalks and hike/bike trails	Agree
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree

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Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)	<div>1. Reduce congestion</div> <div>2. Improve safety</div> <div>3. Make intersection improvements</div> <div>4. Create additional roadway connections and alternate routes</div> <div>5. Reduce delay at railroad crossings</div> <div>6. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)</div> <div>7. Mitigate heavy truck traffic</div> <div>8. Improve or expand public transportation services</div>
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Q6. How would you rate the following in Liberty County?	
Road conditions	Bad
Traffic congestion	Bad
Sidewalks and crosswalks	Bad
Bike lanes/paths	No Opinion
Traffic signals	Fair
Overall safety	Fair
Alternative route options	Bad
Public Transit	Bad

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Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:

Reduce delay along US 90 through Dayton and Liberty  
Build a bypass highway around Dayton  
Reduce delay at railroad crossings

Q8. How have your travel patterns changed from before the COVID-19 pandemic began?

Made fewer, but returned to normal

Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?

Yes

Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.

I appreciate the attention given to the traffic concerns. As the Transportation Director for Dayton ISD, I am familiar with many of the issues that our school buses experience on a daily basis. Thank you for providing this forum for our input.



**Respondent No:** 15  
**Login:** rvalde  
**Email:** rvalde@live.com

**Responded At:** May 07, 2021 17:07:13 pm  
**Last Seen:** May 07, 2021 23:58:04 pm  
**IP Address:** 98.199.139.86

Q1. What is your home Zip code?	Dayton, TX 77535
Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?	Houston, TX 77059
Q3. How long have you lived or worked in Liberty County?	11-20 years
Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?	
Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Agree
Congestion	Agree
Limited Public Transportation Options	Agree
Limited number of, or poor condition of, sidewalks and hike/bike trails	Agree
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree
Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)	1. Reduce congestion 2. Improve safety 3. Reduce delay at railroad crossings 4. Create additional roadway connections and alternate routes 5. Mitigate heavy truck traffic 6. Make intersection improvements 7. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.) 8. Improve or expand public transportation services
Q6. How would you rate the following in Liberty County?	
Road conditions	Bad
Traffic congestion	Bad
Sidewalks and crosswalks	Fair
Bike lanes/paths	Fair
Traffic signals	Fair
Overall safety	Fair
Alternative route options	Fair
Public Transit	No Opinion



**Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:**

Reduce delay along US 90 through Dayton and Liberty  
Build new roads to provide alternative routes, close gaps and minimize delays  
Reduce delay at railroad crossings

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**Q8. How have your travel patterns changed from before the COVID-19 pandemic began?**

Made fewer, but returned to normal

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**Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?**

I don't know

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**Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.**

Please revisit the FM1413 @ Hwy 90 Intersection for safety.

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**Respondent No:** 16

**Login:** stacey.gatlin

**Email:** stacey.gatlin@daytonisd.net

**Responded At:** May 12, 2021 11:13:04 am

**Last Seen:** May 12, 2021 18:03:45 pm

**IP Address:** 12.97.51.42

Q1. What is your home Zip code?

Dayton, TX 77535

Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?

Dayton, TX 77535

Q3. How long have you lived or worked in Liberty County?

11-20 years

Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?

Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Agree
Congestion	Agree
Limited Public Transportation Options	Agree
Limited number of, or poor condition of, sidewalks and hike/bike trails	Agree
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree

Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)

1. Reduce congestion
2. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)
3. Improve safety
4. Create additional roadway connections and alternate routes
5. Make intersection improvements
6. Mitigate heavy truck traffic
7. Reduce delay at railroad crossings
8. Improve or expand public transportation services

Q6. How would you rate the following in Liberty County?

Road conditions	Bad
Traffic congestion	Bad
Sidewalks and crosswalks	Bad
Bike lanes/paths	Bad
Traffic signals	Fair
Overall safety	Fair
Alternative route options	Bad
Public Transit	No Opinion

Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:	Reduce delay along US 90 through Dayton and Liberty Build new sidewalks (or improve existing ones) Make US 90 a freeway from Crosby to Dayton
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Q8. How have your travel patterns changed from before the COVID-19 pandemic began?	No change
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Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?	not answered
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Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.

I am the Personnel Director for Dayton ISD. Safety is our number one priority for students and our staff. The traffic congestion in Dayton is horrific and it slows down our buses, which causes kids to get picked up late from school and then they stay on the buses for a longer period of time. This also causes our employees to have to stay at work longer because they are waiting on all of the kids to get picked up. Also, we had a child that was riding his bike to school (very early) and was hit and killed by an 18 wheeler because we have no biking lanes or sidewalks in Dayton. This is heart breaking and I know we can do better. Thank you, Stacey Gatlin

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**Respondent No:** 17

**Login:** schachere

**Email:** suzanne.chachere@daytoni  
sd.net

**Responded At:** May 12, 2021 11:45:10 am

**Last Seen:** May 12, 2021 18:36:53 pm

**IP Address:** 12.97.51.42

Q1. What is your home Zip code?	Eastgate, TX 77535
Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?	Dayton, TX 77535
Q3. How long have you lived or worked in Liberty County?	20+ years
Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?	
Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Neutral
Congestion	Agree
Limited Public Transportation Options	Agree
Limited number of, or poor condition of, sidewalks and hike/bike trails	Agree
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree
Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)	<ol style="list-style-type: none"><li>1. Reduce congestion</li><li>2. Make intersection improvements</li><li>3. Improve safety</li><li>4. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)</li><li>5. Mitigate heavy truck traffic</li><li>6. Reduce delay at railroad crossings</li><li>7. Create additional roadway connections and alternate routes</li><li>8. Improve or expand public transportation services</li></ol>



**Q6. How would you rate the following in Liberty County?**

Road conditions	Fair
Traffic congestion	Bad
Sidewalks and crosswalks	Bad
Bike lanes/paths	Bad
Traffic signals	Fair
Overall safety	Fair
Alternative route options	Fair
Public Transit	Bad

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**Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:**

Improve signal timings  
Reduce delay along US 90 through Dayton and Liberty  
Make it easier to make left turns at intersections or business entrances

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**Q8. How have your travel patterns changed from before the COVID-19 pandemic began?**

No change

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**Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?**

not answered

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**Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.**

The traffic congestion in our little town is unreal! The signal lights are not timed well to keep traffic moving, and things bottle up quickly. Drivers who are trying to avoid getting blocked by another light pull into the intersection, which simply exacerbates the problem because it blocks cross-traffic. Congested traffic is a huge safety concern for both vehicles and pedestrians.

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**Respondent No:** 18  
**Login:** alripkowski  
**Email:** alripkowski@gmail.com

**Responded At:** May 12, 2021 11:56:11 am  
**Last Seen:** May 12, 2021 18:26:06 pm  
**IP Address:** 12.97.51.42

Q1. What is your home Zip code?	Dayton, TX 77535
Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?	Dayton, TX 77535
Q3. How long have you lived or worked in Liberty County?	20+ years
Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?	
Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Agree
Congestion	Agree
Limited Public Transportation Options	Neutral
Limited number of, or poor condition of, sidewalks and hike/bike trails	Neutral
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree
Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)	<ol style="list-style-type: none"><li>1. Reduce congestion</li><li>2. Mitigate heavy truck traffic</li><li>3. Reduce delay at railroad crossings</li><li>4. Create additional roadway connections and alternate routes</li><li>5. Make intersection improvements</li><li>6. Improve safety</li><li>7. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)</li><li>8. Improve or expand public transportation services</li></ol>
Q6. How would you rate the following in Liberty County?	
Road conditions	Bad
Traffic congestion	Bad
Sidewalks and crosswalks	No Opinion
Bike lanes/paths	No Opinion
Traffic signals	Fair
Overall safety	Fair
Alternative route options	Bad
Public Transit	No Opinion

Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:	Reduce delay along US 90 through Dayton and Liberty Build a bypass highway around Dayton Reduce delay at railroad crossings
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Q8. How have your travel patterns changed from before the COVID-19 pandemic began?	Made fewer, but returned to normal
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Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?	Yes
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Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.

The main traffic issues in Dayton are 1) the train crossing on Hwy 90 heading out toward Crosby (AKA "The Stupid Dayton Train")...that train goes WAY too slow and/or stops completely ALL the time, 2) the underpass floods every time it rains (it even flooded last night 5/11/21 with a heavy 30 minute rain), 3) there is way too much "through traffic" on Hwy 90, Hwy 146, Hwy 321, and FM 1960 (would be an improvement if the folks who live here were the only ones out and about), and 4) there aren't enough roads to cross Hwy 90 (there are only 3), and 4) the roads in Dayton are just a series of patched potholes and patched intentional dig-ups. Thank you for soliciting input for improving the terrible traffic in Dayton, TX.

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**Respondent No:** 19  
**Login:** Jeff Nations  
**Email:** jeffnations89@gmail.com

**Responded At:** May 12, 2021 12:01:00 pm  
**Last Seen:** May 12, 2021 18:51:13 pm  
**IP Address:** 12.97.51.42

Q1. What is your home Zip code?	Dayton, TX 77535
Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?	Dayton, TX 77535
Q3. How long have you lived or worked in Liberty County?	20+ years
Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?	
Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Agree
Congestion	Agree
Limited Public Transportation Options	Agree
Limited number of, or poor condition of, sidewalks and hike/bike trails	Agree
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree
Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)	1. Reduce congestion 2. Mitigate heavy truck traffic 3. Create additional roadway connections and alternate routes 4. Improve safety 5. Reduce delay at railroad crossings 6. Make intersection improvements 7. Improve or expand public transportation services 8. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)
Q6. How would you rate the following in Liberty County?	
Road conditions	Fair
Traffic congestion	Bad
Sidewalks and crosswalks	Bad
Bike lanes/paths	Bad
Traffic signals	Fair
Overall safety	Good
Alternative route options	Bad
Public Transit	Bad



**Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:**

Widen and/or Install medians to improve safety on major roads  
Build new roads to provide alternative routes, close gaps and minimize delays  
Build a bypass highway around Dayton

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**Q8. How have your travel patterns changed from before the COVID-19 pandemic began?**

Made fewer, but returned to normal

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**Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?**

not answered

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**Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.**

Thank you for taking the time to ask about Liberty County. As a long-time resident of Dayton and the school's Athletic Director I have seen many changes and not very many of them good when it comes to the traffic situations in town. There are not enough roads to allow motorists that are just passing through Dayton a loop around to keep the downtown area from being congested. The roads are congested from 4:00 until 6:00 in the evenings and the wait times to get through a light causes severe back-ups on the side streets. Safety is always an issue when you have the kind of congestion that we have. When there is a train running through town, there is only one way of traveling north and south, and a person has to hope that the underpass has not been shut down for any reason. There has to be some relief for the residents of Dayton from all the travelers that are just passing through to go to and from work and the number of trucks that come through each day.

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**Respondent No:** 20  
**Login:** nlovel1  
**Email:** nikkilovell5206@gmail.com

**Responded At:** May 12, 2021 13:29:24 pm  
**Last Seen:** May 12, 2021 18:27:45 pm  
**IP Address:** 12.97.51.42

Q1. What is your home Zip code?	Dayton, TX 77535
Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?	Dayton, TX 77535
Q3. How long have you lived or worked in Liberty County?	11-20 years
Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?	
Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Agree
Congestion	Agree
Limited Public Transportation Options	Agree
Limited number of, or poor condition of, sidewalks and hike/bike trails	Agree
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree
Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)	<ol style="list-style-type: none"><li>1. Reduce congestion</li><li>2. Reduce delay at railroad crossings</li><li>3. Improve safety</li><li>4. Mitigate heavy truck traffic</li><li>5. Create additional roadway connections and alternate routes</li><li>6. Make intersection improvements</li><li>7. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)</li><li>8. Improve or expand public transportation services</li></ol>
Q6. How would you rate the following in Liberty County?	
Road conditions	Bad
Traffic congestion	Bad
Sidewalks and crosswalks	Bad
Bike lanes/paths	Bad
Traffic signals	Fair
Overall safety	Fair
Alternative route options	Fair
Public Transit	Bad

Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:	Improve signal timings Reduce delay along US 90 through Dayton and Liberty Reduce delay at railroad crossings
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Q8. How have your travel patterns changed from before the COVID-19 pandemic began?	Made fewer, but returned to normal
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Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?	Yes
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Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.

I am a resident of Dayton and also an administrator for Dayton ISD. I have many concerns with the traffic and transit conditions throughout our town and surrounding area. This year alone we have had complete gridlock multiple times when our underpass on 321 was blocked which diverted all traffic through our smaller side streets including 18-wheelers. Additionally, our daily traffic causes students district wide to be on our busses for far too long. Please help our sweet little town find some relief.

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**Respondent No:** 21

**Login:** gmccrack

**Email:** geoff.mccracken@daytonisd  
.net

**Responded At:** May 12, 2021 13:54:38 pm

**Last Seen:** May 12, 2021 20:27:36 pm

**IP Address:** 12.97.51.42

**Q1. What is your home Zip code?**

Liberty, TX 77575

**Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?**

Dayton, TX 77535

**Q3. How long have you lived or worked in Liberty County?**

20+ years

**Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?**

Safety	Agree
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Agree
Congestion	Agree
Limited Public Transportation Options	Agree
Limited number of, or poor condition of, sidewalks and hike/bike trails	Agree
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree

**Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)**

1. Reduce congestion
2. Create additional roadway connections and alternate routes
3. Reduce delay at railroad crossings
4. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)
5. Improve safety
6. Make intersection improvements
7. Mitigate heavy truck traffic
8. Improve or expand public transportation services

**Q6. How would you rate the following in Liberty County?**

Road conditions	Fair
Traffic congestion	Bad
Sidewalks and crosswalks	Bad
Bike lanes/paths	Bad
Traffic signals	Fair
Overall safety	Bad
Alternative route options	Bad
Public Transit	Fair

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**Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:**

Reduce delay along US 90 through Dayton and Liberty  
Build a bypass highway around Dayton  
Build new sidewalks (or improve existing ones)

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**Q8. How have your travel patterns changed from before the COVID-19 pandemic began?**

No change

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**Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?**

I don't know

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**Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.**

My name is Geoff McCracken. I work as the Principal at Dayton High School. The traffic congestion in Dayton is a problem every single day. Highway 90, Highway 146, FM 1960 and Highway 321 all have serious congestion issues at various times of the day. I will limit my comments to the 2 that most impact the High School. Hwy 321 is a dangerous road. The amount of traffic that comes through is very heavy and there is a large number of 18 wheeler trucks that travel on it at all times of the day. The crosswalk in front of our school on highway 321 is a serious safety concern. It is in between two traffic lights rather than being placed at one of the two traffic light intersections. The sign for the crosswalk does not flash and it is placed right on top of where the crosswalk is, rather than 25' to 50' in front of the crosswalk. The lack of a clearly visible and clearly marked crosswalk at a traffic light is a huge safety oversight. We have had students who were involved in auto-pedestrian accidents over the years. Thankfully, there has not been a fatality, but it should not have to come to that for a change to be made. There are not any sidewalks for students who walk to school along highway 321. Students walk on the shoulder or along a ditch. Highway 90 is another problem. The congestion on 90 and at each intersection though town is terrible. It affects the routes of the buses in the morning and students arrive late to class multiple times a week. The rail crossing on the east side of town is another traffic problem that causes delays. The traffic congestion in Dayton will get worse once The Grand Parkway project in Dayton is complete. I am happy that there is conversation happening to mitigate some of these issues that are already present and hopefully some proactive measures that are taken in preparation for the completion of the Grand Parkway project. Thank you for hearing our concerns. I am available to help with solutions and I can be reached at 936-258-2510.

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**Respondent No:** 22  
**Login:** klovell2  
**Email:** kenny.lovell9289@gmail.co  
m

**Responded At:** May 12, 2021 14:20:02 pm  
**Last Seen:** May 12, 2021 21:15:57 pm  
**IP Address:** 50.249.92.77

Q1. What is your home Zip code?

Dayton, TX 77535

Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?

Houston, TX 77054

Q3. How long have you lived or worked in Liberty County?

11-20 years

Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?

Safety	Neutral
Intersection Improvements	Disagree
Lack of Road Connectivity/Alternative Routes	Neutral
Congestion	Disagree
Limited Public Transportation Options	Disagree
Limited number of, or poor condition of, sidewalks and hike/bike trails	Disagree
Heavy Truck Traffic	Disagree
Delay at Railroad Crossings	Disagree

Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)

1. Reduce delay at railroad crossings
2. Reduce congestion
3. Mitigate heavy truck traffic
4. Make intersection improvements
5. Improve or expand public transportation services
6. Create additional roadway connections and alternate routes
7. Improve safety
8. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)

**Q6. How would you rate the following in Liberty County?**

Road conditions	Bad
Traffic congestion	Bad
Sidewalks and crosswalks	Bad
Bike lanes/paths	Bad
Traffic signals	Fair
Overall safety	Fair
Alternative route options	Fair
Public Transit	Bad

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**Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:**

Reduce delay along US 90 through Dayton and Liberty  
Build new roads to provide alternative routes, close gaps and minimize delays  
Reduce delay at railroad crossings

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**Q8. How have your travel patterns changed from before the COVID-19 pandemic began?**

No change

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**Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?**

I don't know

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**Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.**

not answered

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**Respondent No:** 23  
**Login:** Bobs6762  
**Email:** bobs6762@gmail.com

**Responded At:** May 13, 2021 07:59:20 am  
**Last Seen:** May 13, 2021 14:49:10 pm  
**IP Address:** 96.79.175.102

Q1. What is your home Zip code?	Dayton, TX 77535
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Q2. What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?	Houston, TX 77032
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Q3. How long have you lived or worked in Liberty County?	0-5 years
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Q4. The Study Team has identified the main transportation issues in Liberty County. Do you agree with what we have identified below?	
Safety	Neutral
Intersection Improvements	Agree
Lack of Road Connectivity/Alternative Routes	Agree
Congestion	Agree
Limited Public Transportation Options	Agree
Limited number of, or poor condition of, sidewalks and hike/bike trails	Agree
Heavy Truck Traffic	Agree
Delay at Railroad Crossings	Agree

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Q5. From the above issues, please indicate the level of importance to improve? (Rank by most (1) to least (8) preferred)	1. Reduce congestion 2. Mitigate heavy truck traffic 3. Reduce delay at railroad crossings 4. Improve safety 5. Make intersection improvements 6. Create additional roadway connections and alternate routes 7. Improve or expand public transportation services 8. Improve or expand walking and biking options (sidewalks, hike and bike trails, etc.)
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Q6. How would you rate the following in Liberty County?	
Road conditions	Fair
Traffic congestion	Bad
Sidewalks and crosswalks	Bad
Bike lanes/paths	Bad
Traffic signals	Fair
Overall safety	Fair
Alternative route options	Bad
Public Transit	Bad

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Q7. In the following list, select what you feel are the top three transportation improvements that need to be made in Liberty County:	Improve signal timings Reduce delay along US 90 through Dayton and Liberty Reduce delay at railroad crossings
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Q8. How have your travel patterns changed from before the COVID-19 pandemic began?	Made fewer, but returned to normal
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Q9. If you indicated in the above question that your travel patterns have changed due to the COVID-19 pandemic, do you anticipate them returning to normal in the next six (6) months?	Yes
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Q10. Please add any additional comments, concerns or suggestions you may have about this survey or the Liberty County Mobility Study.

Congestion caused by railroad is becoming a serious problem. Flooding at the railroad underpass in Dayton is becoming way too frequent. A railroad bypass on 90 similar to what was done in Crosby would be a major improvement. The ripple effect of a long traffic blockage on 90 is practically unbearable.

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Map Tool Comments  
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ID	Category	Comment	Zipcode
1	Safety	FM1413 @ Hwy 90 is a terrible interception between 05:00-09:00 and 15:00-19:00.  Surprised it only has two reports with all the incidents that happen there.	Dayton, TX 77535
2	Access and Connectivity	Why is this the only road between 146 and 1409? There needs to be at least one more road giving an alt route incase of tree across road, bad accident, ECT. I live off 1409 and to get to 146 it's this road, 565 or a boat.	Dayton, TX 77535
3	Safety	This is the most dangerous intersection in the city limits of Dayton. It is my understanding TxDOT is working on creating a grade separation, wherein, US 90 would be a raised overpass over FM 1413. This would increase the safety in this area for motorists and improve traffic flow on US 90. This would also reduce the number of motorists who cut through the business parking lot to avoid the stop signs.	Dayton, TX 77535
4	Safety	This intersection of Fm 1413 and highway 90 needs a red light. There have been many, many accidents and deaths in this area. The yellow light is not enough.	Dayton, TX 77535
5	Walking, Biking and Transit	SH321/E Houston through the city of Cleveland badly needs sidewalks. Electric wheel chairs and students are frequently using the shoulder as a sidewalk, and it is a real danger to pedestrians.	Tarkington Prairie, TX 77327
6	Safety	Very bad dumping problem here. Dead animals, tires, garbage, stolen vehicles. Unsavory types use this road for access to abandoned houses on the river to cook meth. Huge issue. Can some lights be put here? Some no dumping signs? Something??	Dayton, TX 77535
7	Congestion and Delay	The train moving slowly, or completely blocking the crossing impacts traffic on US 90 from both directions. The westbound traffic on US 90 that is unable to move creates a domino effect on traffic on US 90 east all the way to Hwy 321. When southbound traffic on Hwy 321 traffic cannot turn west onto US 90, Hwy 321 becomes backed up, which in turn impacts the intersection of Hwy 321 and 1960 and FM 1008.	Dayton, TX 77535
8	Safety	A turn lane at minimum, but even better a traffic signal here for traffic turning from eastbound SH321 to CR2243 would improve safety for access to CR2243	Tarkington Prairie, TX 77327
9	Congestion and Delay	An alternate route around the train or the amount of time the train can block this road needs to be changed.	Dayton, TX 77535
10	Safety	This intersection with weekend traffic (or Tropical storm related movement) can back up significantly, and a traffic signal could more efficiently move traffic through here.  Also there is an issue at night with the unlit intersection having traffic not stop, mainly on SH 105.	Tarkington Prairie, TX 77327



Map Tool Comments  
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ID	Category	Comment	Zipcode
11	Safety	Turn lane for Eastbound traffic to CR2235 is needed. There have been numerous accidents here from a vehicle being struck from the rear as they waited to access CR2235 from the eastbound lane of SH105.	Tarkington Prairie, TX 77327
12	Safety	Drivers trying to avoid the traffic on Hwy 90 are taking shortcuts (understandable), BUT many are blowing through 4 way stops and speeding down residential streets. Seen many times at the 4 way stop at E Houston and Church St, then speeding down Church St when children are crossing from First Baptist Dayton's main bldg to the Family Life bldg (separated by Church St). Very dangerous and concerning situation!	Dayton, TX 77535
13	Safety	In the afternoon, motorists wait in line to pick up children from the campus on W. Houston. When the traffic backs up on W. Houston, vehicles are unable to turn west onto W. Houston from S. Cleveland and the block fills with waiting vehicles. Motorists attempting to turn south onto S. Cleveland from US 90, or to continue to travel south from Hwy 321 are unable to do so, which causes a traffic jam.	Dayton, TX 77535
14	Congestion and Delay	During heavy traffic times, vehicles and 18 Wheelers continue into the intersection, which then completely blocks the intersection when the light turn green for cross traffic. It often takes 2-3 light cycles to clear it enough to get across.	Dayton, TX 77535
15	Anything Else	Old speed limit signs were left up in this area (20 mph), even though this is no longer a school zone. The rest of N Winfree St is 30 mph.	Dayton, TX 77535
16	Access and Connectivity	Extension of the SH105 bypass (or connecting road) extending to FM 787 could help reduce congestion along SH 321 and provide a more efficient alternative route in the event of a traffic accident along SH 321. Even better would be to connect to US 59 North of Cleveland, for another alternative route.	Tarkington Prairie, TX 77327
17	Congestion and Delay	traffic here backs up every afternoon, and low hanging 18 wheelers can bottom out in this intersection, causing a complete traffic jam. Additional lanes and traffic signals are needed here.	Tarkington Prairie, TX 77327
18	Safety	The entrances to Walgreens and Sonic need to be fixed. You have to slow down so much to enter these areas because it is so bumpy that it creates a safety issue for your car and someone hitting you from behind.	Dayton, TX 77535
19	Anything Else	The river has dramatically changed course in this area and could potentially destabilize or wash out SH 105, and preparations for such an event should be made. Otherwise accessibility in North county could be non existent if both this and FM 787 becomes destabilized to the point they become impassible.	Tarkington Prairie, TX 77327

Map Tool Comments  
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ID	Category	Comment	Zipcode
20	Congestion and Delay	Traffic signals need to be timed and synchronized during rush hours through town.	Dayton, TX 77535
21	Safety	There are multiple points of entrance and exit from locations on US 90, which reduces safety on US 90 near the downtown area. Some businesses have an open parking lot with no designated driveway, which allows for motorists to exit or enter anywhere. Reducing the number of driveways to businesses in this stretch of roadway would increase safety.	Dayton, TX 77535
22	Congestion and Delay	During heavy rain, the Hwy 321 underpass floods and becomes unsafe for motorists and eliminates the major north/south connecting roadway. This pushes big truck traffic onto city streets, creates major delays, and creates a major challenge for first responders trying to get from one end of town to the other. Currently, there is only one operational pump at this location, however, TxDOT is working to replace the second pump for water removal in this location.	Dayton, TX 77535
23	Congestion and Delay	Underpass floods during heavy rains	0
24	Safety	Widening this roadway to include a right turning lane to turn east onto US 90, a northbound lane, a left turn lane to turn west onto US 90, and a southbound lane. This would help promote movement and increase safety at this location.	Dayton, TX 77535
25	Access and Connectivity	Provide a true turning lane and prevent cars from the Brookshires parking lot from exiting at this intersection.	Dayton, TX 77535
26	Safety	a turn lane on FM 787 here would reduce the odds of a collision here, especially for westbound traffic coming around the curve, while a vehicle waits for eastbound traffic to pass before turning north. There have been accidents here before related to that scenario.	Tarkington Prairie, TX 77327
27	Congestion and Delay	During heavy traffic (especially friday evenings, or tropical activity induced unofficial "evacuation") traffic for the turn lane can back up significantly. When storm activity threatened the Beaumont area, traffic backed up for miles because of this red light. Friday nights it will back up traffic beyond CR 318 at times. Also this intersection does have a fair bit of accidents,. There is land owned by the state here for a flyover connection, and it is time to build it.	Tarkington Prairie, TX 77327
28	Congestion and Delay	When the railroad crossing is blocked during the afternoon hours, traffic often backs up to US 90, and onto the side streets. Some vehicles on US 90 are unable to turn on to N. Main due to N. Main being blocked with non-moving traffic which reduces the traffic flow and safety on US 90.	Dayton, TX 77535

**Map Tool Comments**  
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ID	Category	Comment	Zipcode
29	Congestion and Delay	Signalize this intersection to promote an increased flow of traffic. Synchronize with other lights.	Dayton, TX 77535
30	Safety	For the amount of traffic down this road, there needs to be wider road between the southern terminus of FM 163 and FM 1008. The ditches are deep, and unforgiving if you stray off the roadway for most of CR2285. Numerous accidents have happened in the curves because the road is narrow and meeting oncoming traffic in the curve adds to the challenge.	Tarkington Prairie, TX 77327
31	Safety	Turn lane here for southbound to CR 2274 is needed. There have been some accidents at location with people getting hit from the rear while waiting to turn, the curve doesn't give enough opportunity for some people to notice the stopped traffic waiting to turn.	Tarkington Prairie, TX 77327
32	Congestion and Delay	When the railroad crossing is blocked during the afternoon hours, traffic often backs up to US 90, and onto the side streets. Some vehicles on US 90 are unable to turn on to N. Winfree due to N. Winfree being blocked with non-moving traffic which reduces the traffic flow and safety on US 90.	Dayton, TX 77535
33	Congestion and Delay	Signalize this intersection to promote an increased flow of traffic. Synchronize with other lights.	Dayton, TX 77535
34	Safety	Bridge railing needed for the creek/gully here.	Tarkington Prairie, TX 77327
35	Congestion and Delay	School traffic makes this stretch of road almost impassible during school dismissal. Build additional right turn lane dedicated to the schools through here to allow westbound traffic to continue.	Tarkington Prairie, TX 77327
36	Safety	There needs to be a designated turning lane at this red light to turn left going towards Oakwood subdivision. This causes traffic to back up and people to get hit from behind.	Dayton, TX 77535
37	Congestion and Delay	During heavy traffic times, vehicles and 18 Wheelers continue into the intersection, which then completely blocks the intersection when the light turn green for cross traffic. It often takes 2-3 light cycles to clear it enough to get across.	Dayton, TX 77535
38	Congestion and Delay	Left turn lane for Eastbound traffic needs to be extended, with weekend and evening traffic it commonly extends a few hundred feet, to the point where southbound traffic on SH321 is held up.	Tarkington Prairie, TX 77327
39	Safety	On school days, during start and end times, traffic is heavily congested. There are 4 lanes of traffic on a road made for 2. 2 lanes of east-west through traffic and a turning lane into San Jacinto school from either direction.	Liberty, TX 77575
40	Safety	Make this stop light a 24 hour stop light instead of yellow flashing.	Old River-Winfree, TX 77535

Map Tool Comments  
engage.h-gac.com

ID	Category	Comment	Zipcode
41	Safety	On school days, during start and end times, This intersection is heavily congested. Traffic lines up on southbound side of Bowie to turn onto Monta to enter Liberty Elementary School and traffic exiting LES must travel west to Bowie and turn north onto it. There is also south bound through traffic on Bowie which is passing parked cars waiting to turn onto Monta.	Liberty, TX 77575
42	Congestion and Delay	Traffic lights being properly synced to traffic needs (times of day when traffic is congested, versus the few times during the day and most times at night when it's not congested) is MUCH needed and long overdue to be addressed.	Dayton, TX 77535
43	Access and Connectivity	Access to Lee College	0
44	Safety	The only entry to our beautiful City Park with a 2 mile hike/bike trail and access to others is off N Main, a very busy street with no bike lanes and in some stretches no road shoulders. It would be so nice and more accessible to have a more leisurely path like extending a paved bike path from the high school access road to the park...	Liberty, TX 77575
45	Safety	Extremely dangerous left turn situation when traveling north on Hwy 146, turning left into Forest Hills neighborhood. Vehicles traveling south trying to turn into the store are often times aggressive and the traffic traveling south on Hwy 146 to turn left at light start moving to turning lane as soon as they see the left turn lane. We were almost hit head-on one night. Yellow lines are completely gone. Maybe the lane can be protected with use of the dividers like the straight yellow sticks about 3' tall & spaced a few feet apart. (Like in front of Chick-Fil-A on Hwy 146, just south of I-10 in Baytown)	Liberty, TX 77575
46	Safety	blinking traffic signal here could help, this intersection averages at least a couple major accidents every year it seems.	Tarkington Prairie, TX 77327
47	Safety	Vehicles trying to maneuver around a stopped train and the traffic caused by it. Very unsafe.	Dayton, TX 77535
48	Safety	Coming off the bypass there is no time to get all the way over to turn in to Forest Hills subdivision. Much in the way of traffic and 18 wheelers. Dangerous intersection.	Liberty, TX 77575
49	Congestion and Delay	That Dang Dayton Train causing endless congestion and delays!	Dayton, TX 77535
50	Safety	I live in this neighborhood. We have had countless wrecks at turn in for subdivision. It is a blind hill coming in on north 146 and with all of the traffic, there is not enough time to stop. Something needs to be done here.	Liberty, TX 77575
51	Access and Connectivity	A safe route OVER or around That Dang Dayton Train is an absolute MUST!	Dayton, TX 77535

**Map Tool Comments**  
engage.h-gac.com

ID	Category	Comment	Zipcode
52	Access and Connectivity	A connection from FM 1008 at SH 321 to FM 2090 would provide an alternative path for Tarkington, Kenefick, and northern rural Dayton areas to reach US 59/I69.	Tarkington Prairie, TX 77327
53	Safety	a turn lane for both CR2281 and CR 301N is needed. There have been accidents in which a person was struck from the rear waiting to turn left onto these roads.	Tarkington Prairie, TX 77327
54	Safety	It is dangerous to turn onto Valley Drive from Main St because big trucks or 18 wheelers (coming from Hardin direction) get into the turn lane too soon to turn onto the bypass. It is dangerous to be a little car, sitting in a turn lane to turn onto Valley, and have a big 18 Wheeler that has been traveling 55+ mph come straight at you, because they are in the turn lane too soon.	Liberty, TX 77575
55	Safety	THERE NEEDS TO BE A RED LIGHT AT THE INTERSECTION OF HWY 90 AND FM 1413	Dayton, TX 77535
56	Safety	San Jacinto Street from Grand to MLK has no stop signs. Drivers use this street to go from HWY 90 to Main Street (and avoid lights on Main). Because there are no stop signs, drivers speed down San Jacinto, which is a residential street. Very dangerous for walkers and children.	Liberty, TX 77575
57	Safety	Dangerous pulling into and out of featherstone neighborhood, McGuire road, and north main baptist church. All entrances are in the curve of the road and elevation change.	Liberty, TX 77575
58	Congestion and Delay	SYNCRONIZE THE LIGHTS	Dayton, TX 77535
59	Safety	Drivers trying to avoid numerous traffic issues 'in town' will cut through residential streets, blowing through stop signs and speeding in areas where children are present. Very dangerous situation!	Dayton, TX 77535
60	Safety	Eastbound cars that turn north here need a turn lane. There are no lights on the curve and no turn lane. I have seen many near misses.	Cleveland, TX 77327
61	Safety	This area needs lighting for the entire curve.	Cleveland, TX 77327
62	Access and Connectivity	An actual designated turn lane, properly sized and marked, is needed at this intersection (turning right off of S Winfree onto Hwy 90).	Dayton, TX 77535
63	Safety	Drivers use N Main as a speedway, when it's a residential street with families, children, and used by many to walk and bike on. I've witnessed it constantly, and have seen on more than a few occasions a police car sitting in the funeral home parking lot do nothing as cars sped passed. It is a busy, well used main street, but that does not warrant speeding being allowed. It is still very much residential.	Dayton, TX 77535
64	Congestion and Delay	When there is a train this is the only intersection to use to get to Hwy 90. The lights need to be synced longer so traffic can properly flow and not cause backups for the turning lanes.	Dayton, TX 77535



Map Tool Comments  
engage.h-gac.com

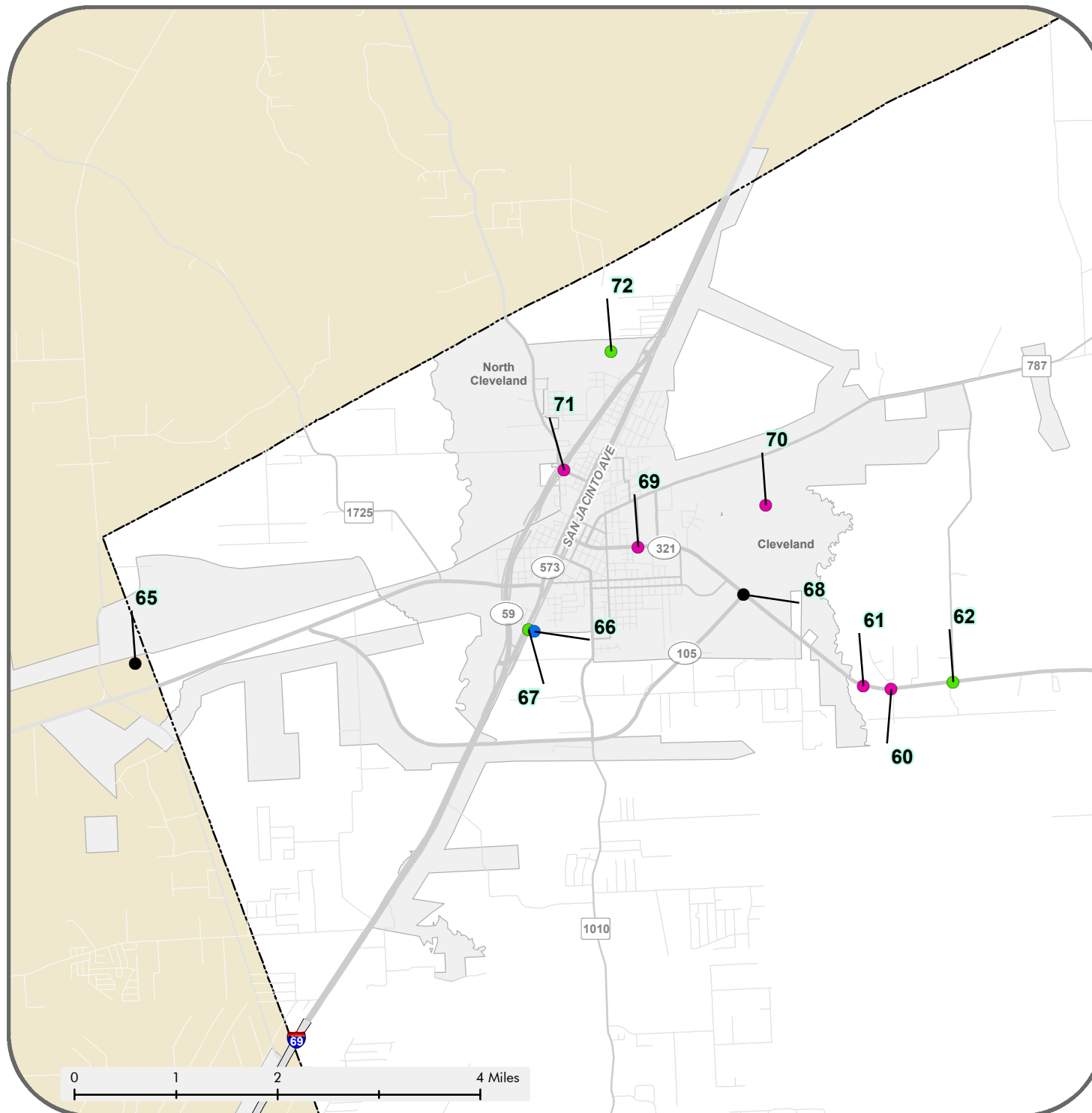
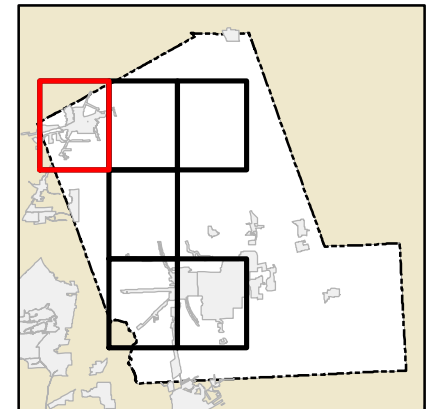
ID	Category	Comment	Zipcode
65	Anything Else	Future BNSF industrial park	0
66	Walking, Biking and Transit	Need sidewalks to hospital	0
67	Access and Connectivity	Hospital would like access across railroad tracks	0
68	Anything Else	Impossible to put a pin everywhere that there is this particular issue... damaged and poorly patched roads all throughout Dayton and Liberty County! Terrible wear & tear on both the vehicles AND the people in the vehicles whose bodies are negatively affected by the jarring effects.	Dayton, TX 77535
69	Safety	This intersection has a terrible design and is very confusing to traffic. A simple 90 degree intersection would be a better design.	Liberty, TX 77575
70	Safety	Certain times of the day (4:00-7:00ish) drivers use N Main Street as a bypass to avoid the red lights. This causes high speeding in the residential area and makes it VERY unsafe for children or residents. Also, there are ZERO speed limit signs in the surrounding area.	Dayton, TX 77535
71	Safety	It is very dangerous to turn into the forest hills subdivision with 146 traffic and traffic coming out of stripes gas station.	Liberty, TX 77575
72	Access and Connectivity	CISD purchased 80 acres; need connectivity to FM 2025	0
73	Safety	Drivers turning into Featherstone from Main St (coming from Liberty) are in a dangerous spot because there is a hill and it is hard to know if anyone is coming from Hardin's direction before you turn. The traffic is fast on this road (65mph, maybe?) so it is dangerous and hard to stop if you're coming from Hardin over the hill and see someone turning into Featherstone at the last minute.	Liberty, TX 77575
74	Safety	MAYBE HAVE POLICE DIRECTING TRAFFIC BETWEEN THE HOURS OF 2PM AND 6PM WEEKDAYS AT ALL REDLIGHTS IN TOWN	Dayton, TX 77535

# Liberty County Mobility Study

## Online Map Tool Comments

### Comment Categories

- Safety - 54%
- Congestion and Delay - 26%
- Access and Connectivity - 12%
- Walking, Biking and Transit - 3%
- Anything Else - 5%
- Cities



Source: [engage.h-gac.com](https://engage.h-gac.com), H-GAC Open Data, TxDOT Roadway Inventory

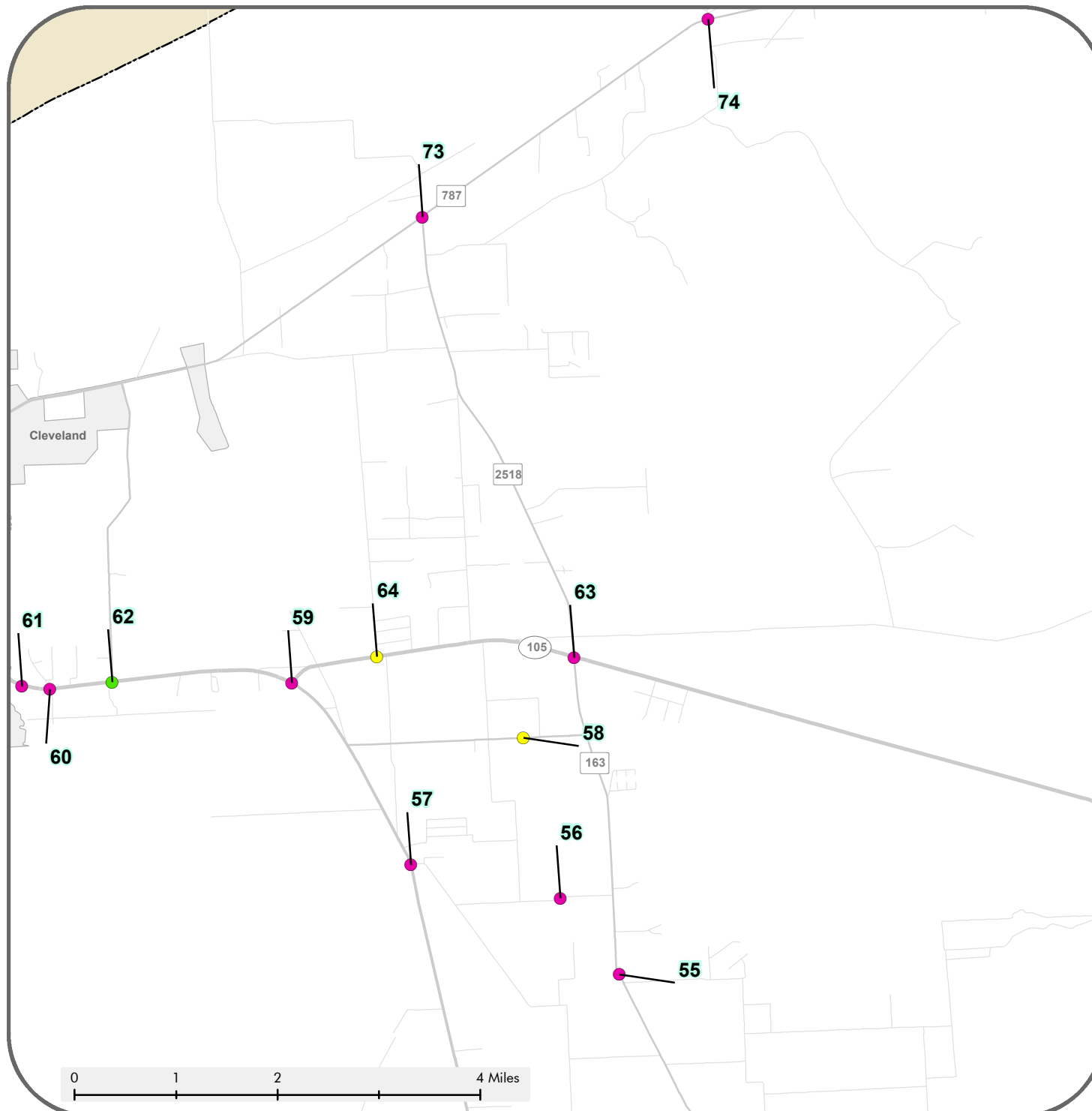
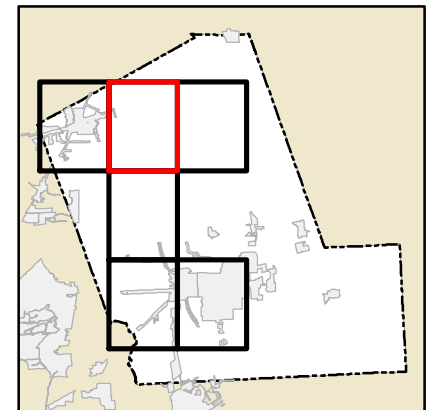


# Liberty County Mobility Study

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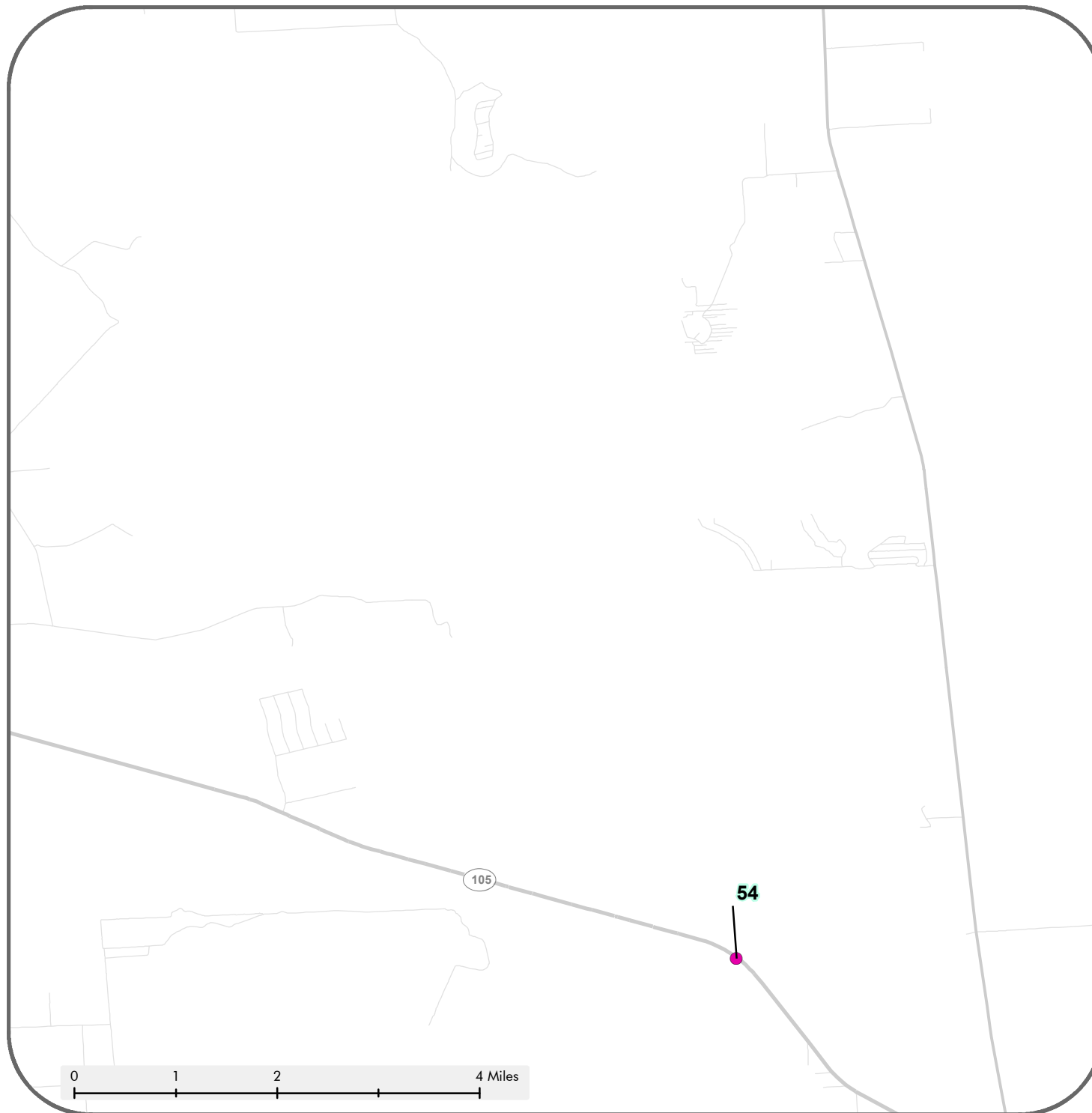
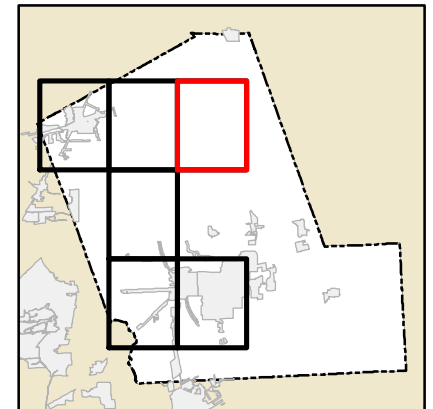


# Liberty County Mobility Study

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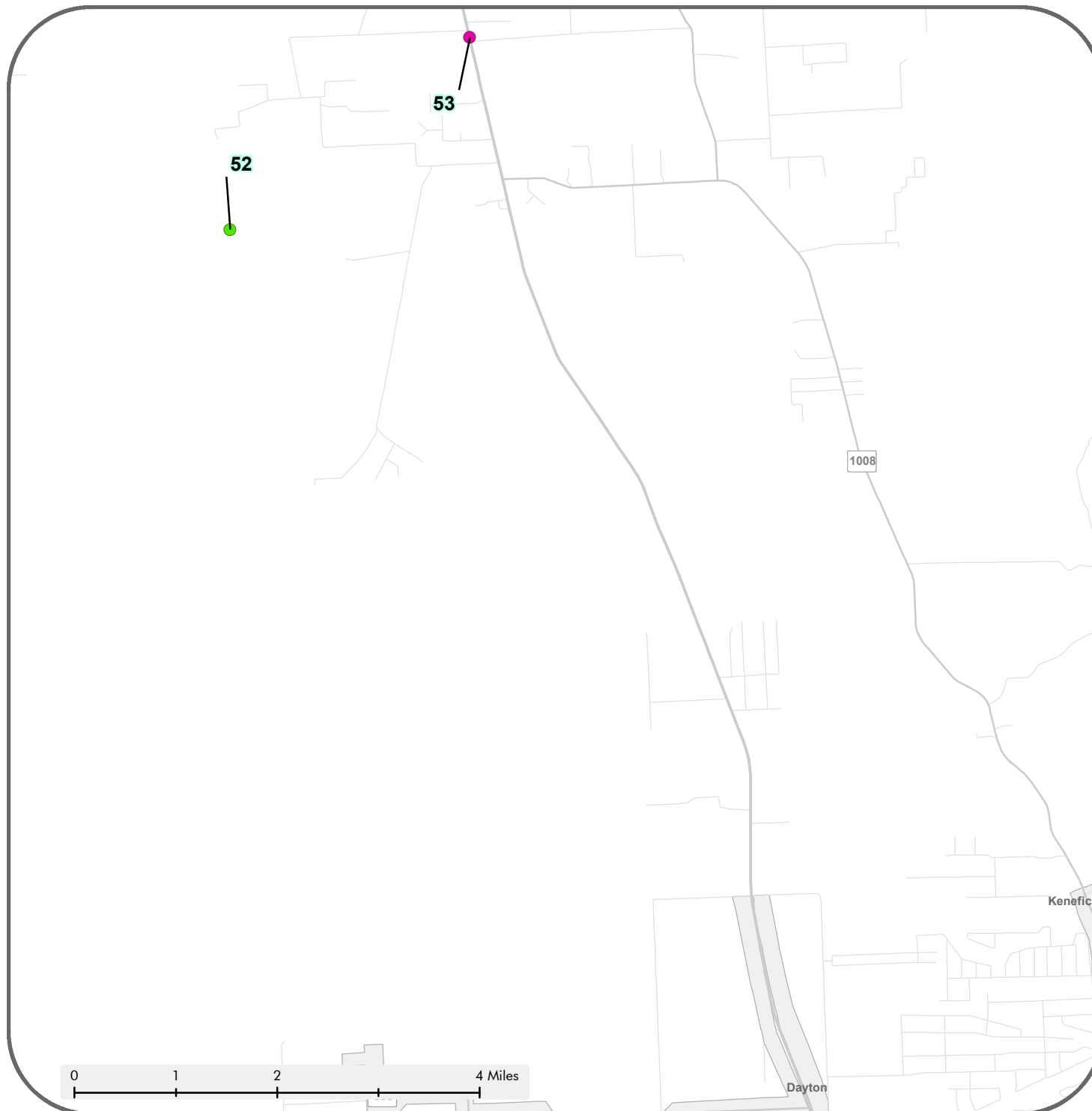
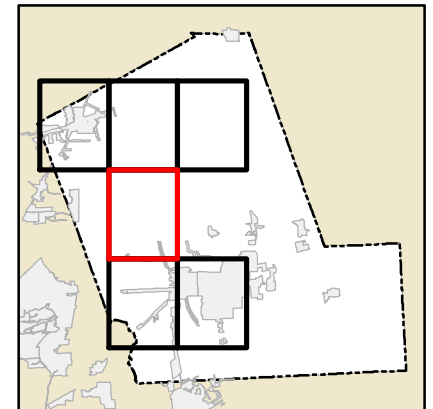


# Liberty County Mobility Study

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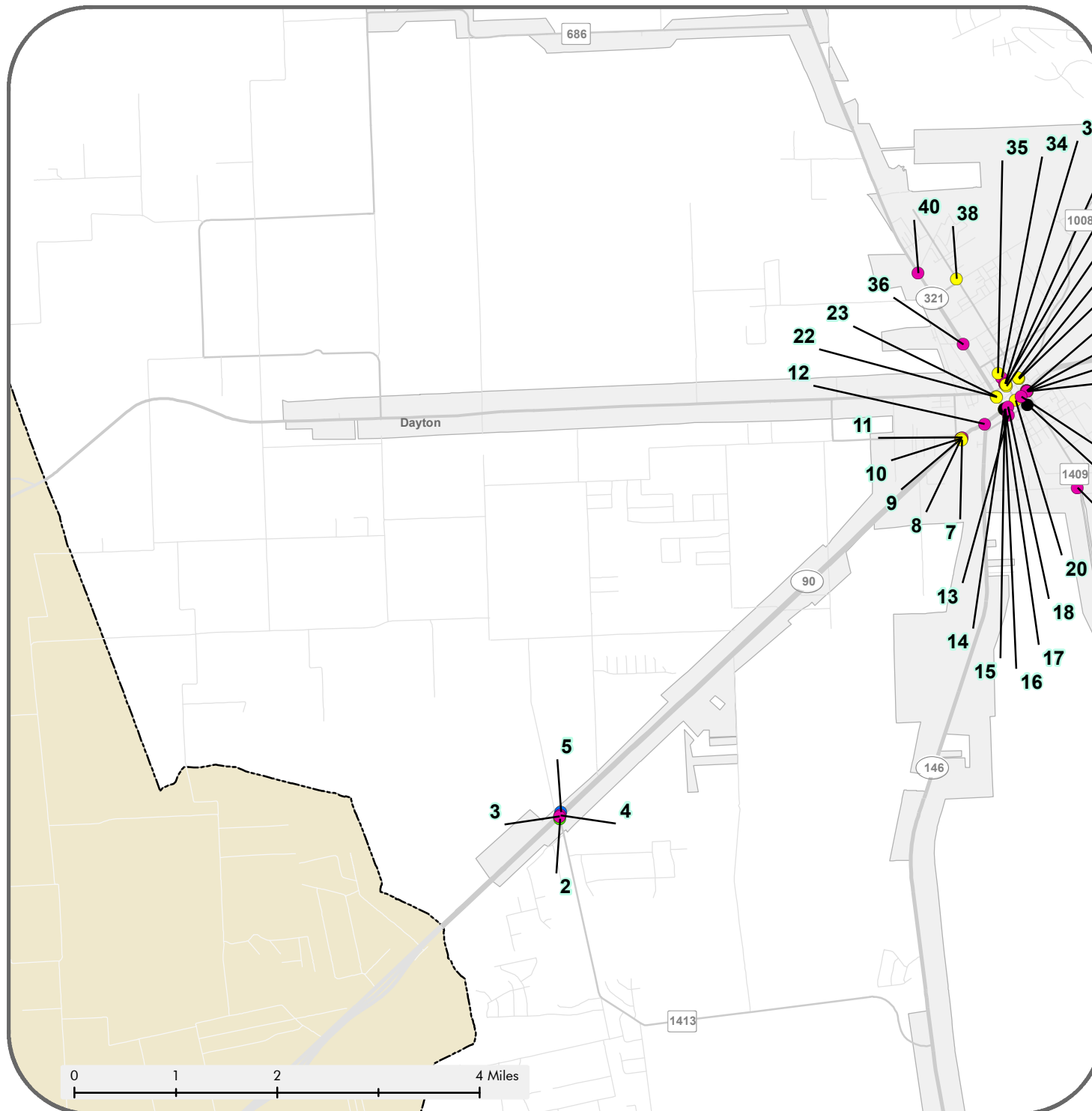
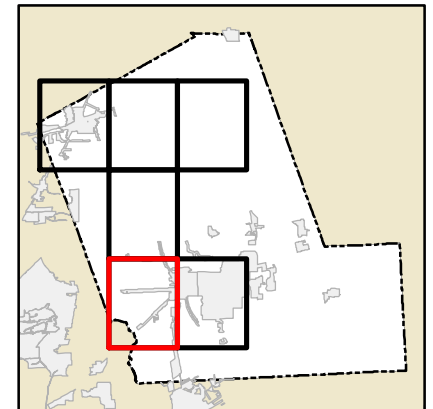


# Liberty County Mobility Study

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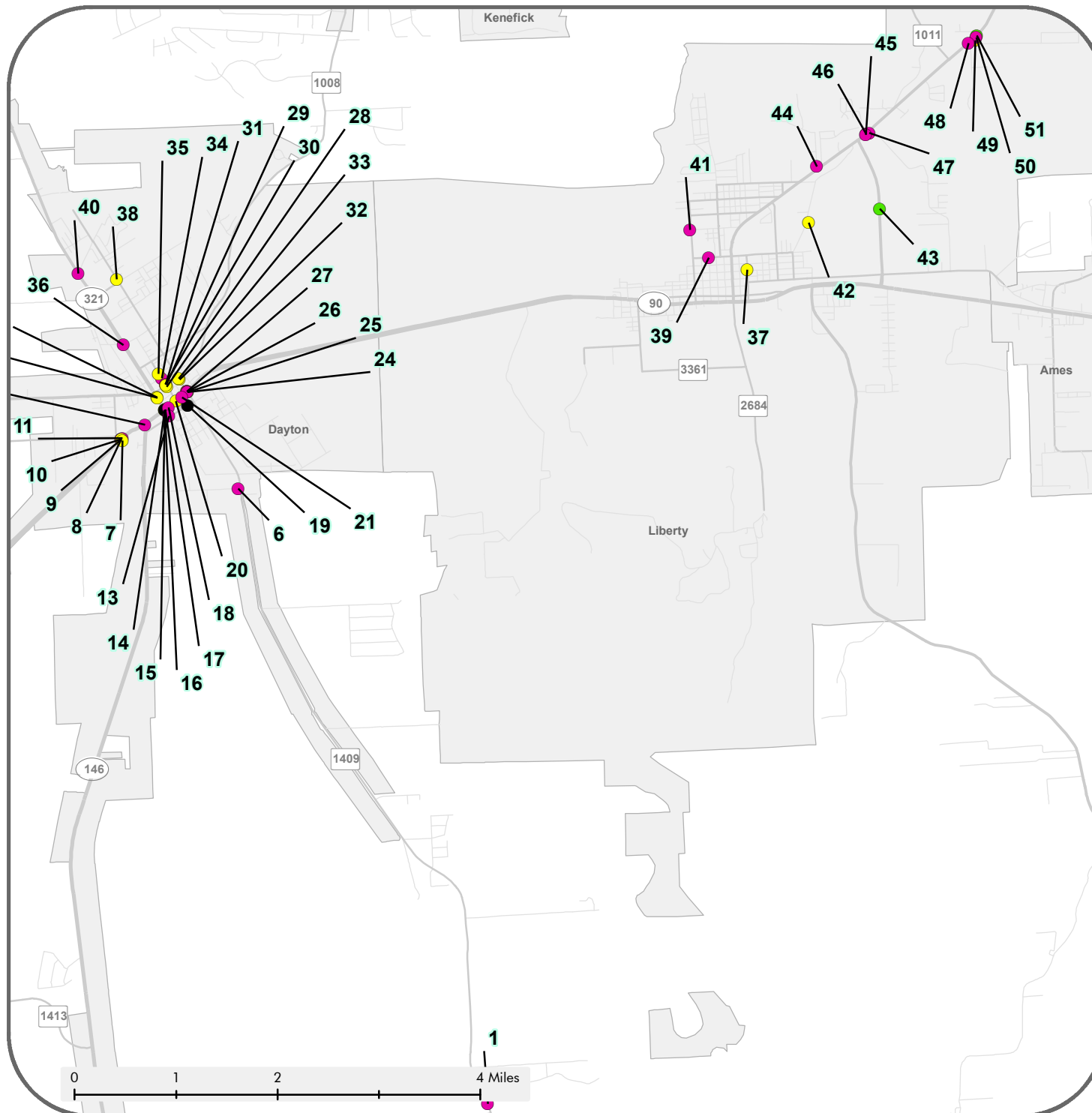
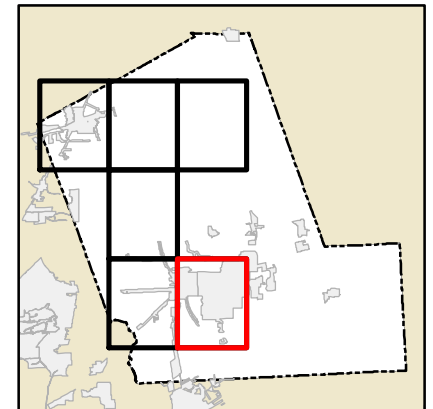


# Liberty County Mobility Study

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Source: [engage.h-gac.com](https://engage.h-gac.com), H-GAC Open Data, TxDOT Roadway Inventory



**In-Person**  
**Public Engagement**  
Round 2 (Spring 2022)

**Ortiz, Josie**

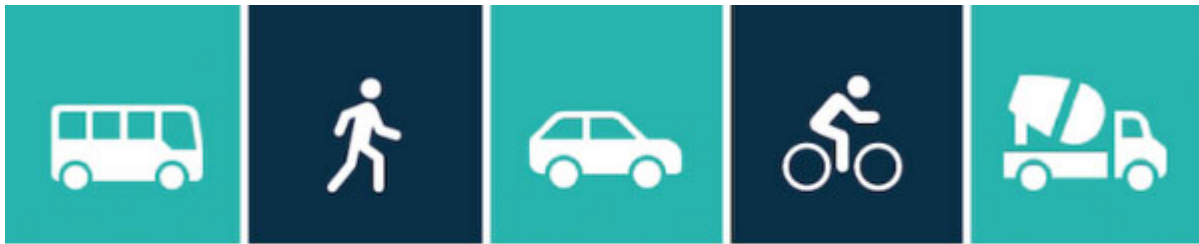
---

**From:** Balaban, Robyn <Robyn.Balaban@h-gac.com>  
**Sent:** Tuesday, September 27, 2022 11:39 AM  
**To:** Gray, Thomas  
**Subject:** FW: JOIN US - How can we improve mobility across Liberty County?

eVite #1

---

**From:** Balaban, Robyn  
**Sent:** Monday, May 9, 2022 2:40 PM  
**To:** cbeasley@co.liberty.tx.us  
**Subject:** JOIN US - How can we improve mobility across Liberty County?



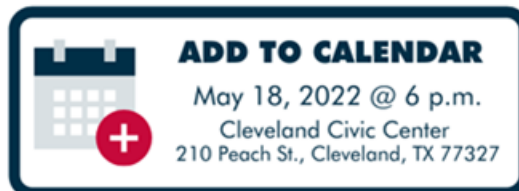
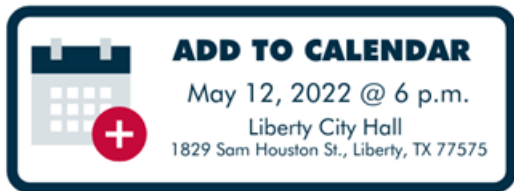
**LIBERTY COUNTY MOBILITY STUDY**  
**PUBLIC MEETING - MAY 12 & MAY 18, 2022 @ 6 P.M.**

Crista,

Over the course of 2021, the [Houston-Galveston Area Council \(H-GAC\)](#) conducted a study of Liberty County to understand how safety and mobility options can be improved within the area. After listening and working directly with elected officials, businesses, and residents, H-GAC has developed a plan that addresses your community's transportation needs to make it safer, economically stronger, better connected, and more accessible to everyone.

We invite you to attend one of our two in-person meetings on Thursday, May 12 and Wednesday, May 18 at 6 p.m. During this time, H-GAC staff will be **discussing recommendations that include opportunities to improve intersection and corridor safety, accommodate future growth, reduce crashes, and better accommodate bicyclists, pedestrians, and transit users.**

You can learn more about the proposed recommendations and the status of the study by visiting: [engage.h-gac.com/liberty-county-mobility-study](https://engage.h-gac.com/liberty-county-mobility-study).



Public comments will be accepted from May 12, 2022 until May 26, 2022 and can be made by submitting a question through the [project website](#), emailing [publiccomments@h-gac.com](mailto:publiccomments@h-gac.com), or by dialing 1-855-363-2516. A recording of the public meeting will be available to view within 24 hours of the meeting.

Please feel free to share this information with friends, family, co-workers, or anyone else that you feel would benefit from this information. Should you have any additional questions, please do not hesitate to contact me at [Robyn.Egbert@h-gac.com](mailto:Robyn.Egbert@h-gac.com).

Thank you for your time and I look forward to seeing you at our upcoming public meeting!

Best;

**ROBYN EGBERT**

*Outreach Coordinator*

Houston-Galveston Area Council

3555 Timmons Lane, Suite 120

Houston, TX 77027

Mailing Address: P.O. Box 22777

Houston, TX 77227

Direct | 832-681-2583

[h-gac.com](http://h-gac.com)



**Ortiz, Josie**

---

**From:** Balaban, Robyn <Robyn.Balaban@h-gac.com>  
**Sent:** Tuesday, September 27, 2022 11:39 AM  
**To:** Gray, Thomas  
**Subject:** FW: Thanks for Attending - Liberty County Meeting

eVite #2

---

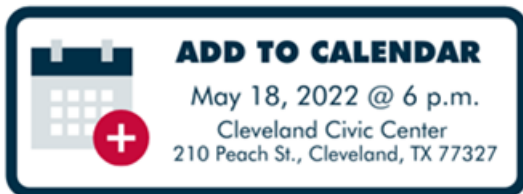
**From:** Balaban, Robyn  
**Sent:** Tuesday, May 17, 2022 1:14 PM  
**To:** Balaban, Robyn <Robyn.Balaban@h-gac.com>  
**Subject:** Thanks for Attending - Liberty County Meeting



Good Afternoon,

We want to thank you for attending the [Liberty County Mobility Study](#) public meeting last Thursday, May 12. We appreciate you taking time out of your evening to learn more about the proposed recommendations that **include opportunities to improve intersection and corridor safety, accommodate future growth, reduce crashes, and better accommodate bicyclists, pedestrians, and transit users.**

Should you have additional questions or would like to invite others to get involved, we are hosting a second public meeting tomorrow, **Wednesday, May 18** at the Cleveland Civic Center ([210 Peach St., Cleveland, TX 77327](#)). Additionally, you can watch a recorded version of the presentation should you wish to share with colleagues.



Public comments will be accepted until May 26, 2022 and can be made by submitting a question through the [project website](#), emailing [publiccomments@h-gac.com](mailto:publiccomments@h-gac.com), or by dialing 1-855-363-2516.

We also encourage you to take our digital survey ([found HERE](#)) where you can provide additional feedback on how we can make getting around Liberty County better for generations to come!

Should you have any additional questions, please do not hesitate to contact me at [Robyn.Egbert@h-gac.com](mailto:Robyn.Egbert@h-gac.com).

Thank you for your time and I look forward to seeing you at our upcoming public meeting!

Best,

**ROBYN EGBERT**

*Outreach Coordinator*

Houston-Galveston Area Council

3555 Timmons Lane, Suite 120

Houston, TX 77027

Mailing Address: P.O. Box 22777

Houston, TX 77227

Direct | 832-681-2583

[h-gac.com](http://h-gac.com)



Houston-Galveston Area Council

May 5 · 🌐

...

We invite the community and residents of Liberty County to attend one of our two in-person meetings on Thursday, May 12 and Wednesday, May 18 at 6 p.m.

After conducting a year-long study across [#LibertyCounty](#) to understand how safety and mobility options can be improved within the area, we will discuss recommendations that include opportunities to improve intersection and corridor [#safety](#), accommodate future [#growth](#), reduce crashes, and better accommodate [#bicyclists](#), [#pedes...](#) [See more](#)



## LIBERTY COUNTY MOBILITY STUDY UPDATE PUBLIC MEETING

THURSDAY, MAY 12 & WEDNESDAY, MAY 18 AT 6 P.M.



Houston-Galveston  
Area Council

You can learn more about the proposed recommendations and the status of the study by visiting:  
[engage.h-gac.com/liberty-county-mobility-study](https://engage.h-gac.com/liberty-county-mobility-study).

1 Share

👍 Like

💬 Comment

➦ Share





LIBERTY COUNTY MOBILITY STUDY - CLEVELAND - 5/13/2022

## Regional Transportation Plan 2045 Update

### Public Meeting

First Name	Last Name	Email Address	How did you hear about this meeting?
JOEL	HILLER	JDHILLER@SBIFIA.COM	
JAY	KWIGHT	cojudge@co.liberty.tx.us	
Tommy	Hain		Chamber of commerce
Seann	Anderson	Sanderson@clevelandtxas.com	email
Greg	Arthur	greg.arthur@liberty.tx.us	
Jim	CLARK	JIM.CLARK@COLONYRIDGE.COM	

\* By attending this meeting, we may use your image for photography and videography captured for marketing and promotional purposes.





Liberty County  
(page 1)

## Regional Transportation Plan 2045 Update Public Meeting

First Name	Last Name	Email Address	Phone Number
MIKE	FEENEY	michael.feeneey@kimley-horn.com	(281) 543-3492
MAXINE	DOMAIN	treendmark@aol.com	936-336-3466
TOM	WARNER	twarner@cityofliberty.org	936-336-3689
JEFF	JOHNSON	Jeff@IT5networks.com	281-224-0606
Shirley	Jackson	sjackson301@aol.com	713-204-6178
Sarah	Vickery	sarah.lanowais@gmail.com	
Russell	Payne		
DAN	CONRAD	CONRAD1120@aol.com	
Delores	Moore	delores.e.moore@gmail.com	
Lee	Walker	gripey/granny@yahoo.com	281-787-7412
MELISSA	Pouncey	mePouncey3@gmail.com	281-393-5946
Laura	Williams	LMW1932@gmail.com	
John	HEARICK	JHEARICK67@gmail.com	
Eddie	Gray	edgray@grayent.com	713-899-4945
Bruce	wright	brucewright058@gmail.com	
Travis	Young	Travis.Young@daytonist.net	(936) 402-7061
Ryan	Daniel	ryan.daniel@gmail.com	

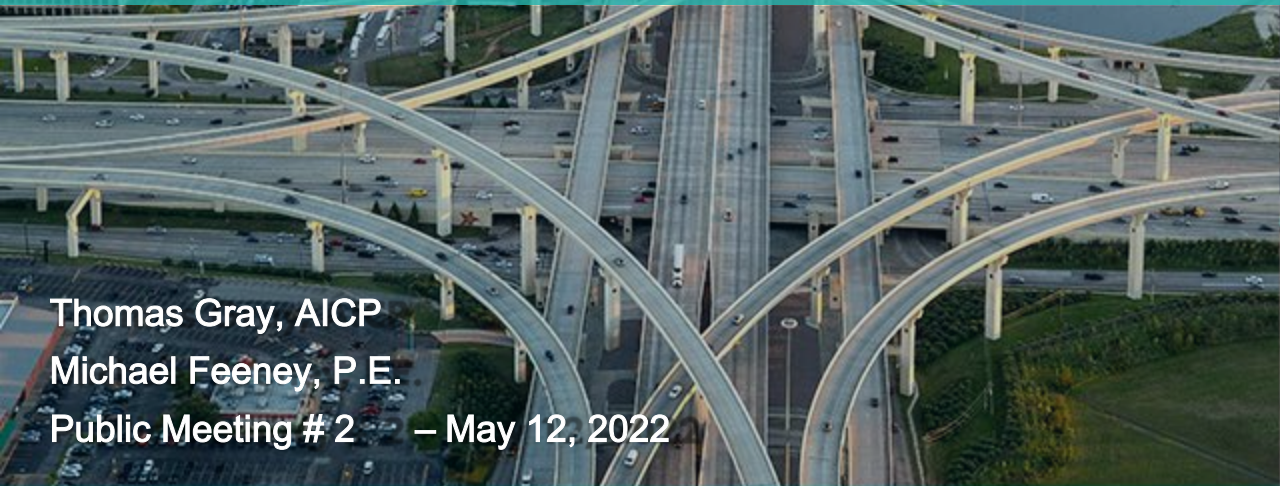


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# Liberty County Mobility Study



Thomas Gray, AICP  
Michael Feeney, P.E.  
Public Meeting # 2 – May 12, 2022



# Agenda

## Agenda:

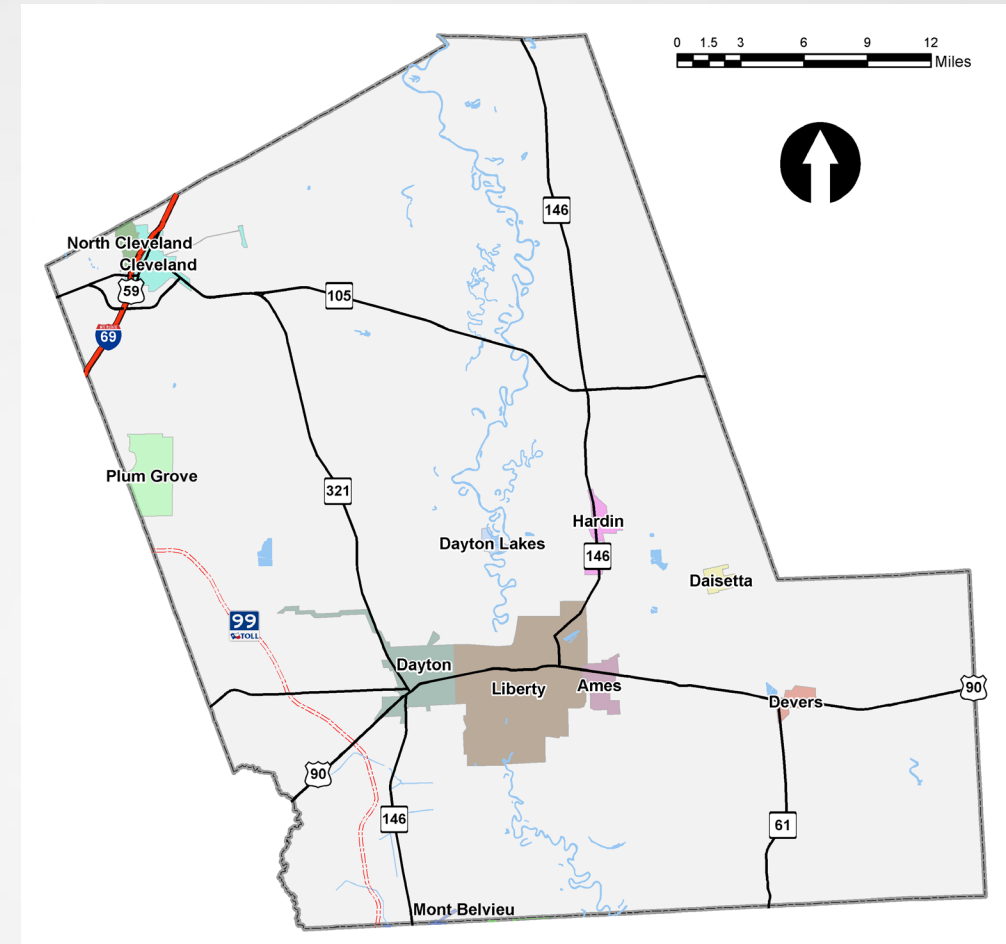
1. Introductions – 5 minutes
2. Project Overview / Vision / Goals – 5 minutes
3. Draft Recommendations – 15 minutes
  - Online Tool
  - Comments Due – May 25, 2022
4. Next Steps – 10 minutes
5. Comments / Suggestions – Remaining Time
6. Mark Up Maps / Online Tool – Remaining Time



# Purpose and Study Area



- Analyze the existing transportation network
- Examine existing and future land use and growth scenarios
- Recommend ways to improve transportation mobility near-term and in the future



# 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








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

# Schedule

## LIBERTY COUNTY MOBILITY STUDY SCHEDULE

	2020		2021				2022	
TASK	FALL	WINTER	SPRING	SUMMER	FALL	WINTER	SPRING	SUMMER
Identification of Issues and Needs								
Data Assembly and Evaluation								
Analysis								
Implementation and Funding Plan								
Final Report								
Public Outreach								

-  DURATION OF TASK
-  STEERING COMMITTEE MEETING
-  PUBLIC MEETING
-  ONLINE ENGAGEMENT ACTIVITY
-  STAKEHOLDER MEETING

WE ARE HERE

# Steering Committee



## **Liberty County**

Judge Jay Knight  
David Douglas

## **City of Cleveland**

Stacy Williams  
Angela Smith

## **City of Dayton**

Kimberly Judge  
Steve Floyd  
Ann Miller

## **City of Liberty**

Tom Warner  
Chris Jarmon

## **TxDOT**

Noel Salac  
Jeffrey English  
Lisa Collins

## **H-GAC**

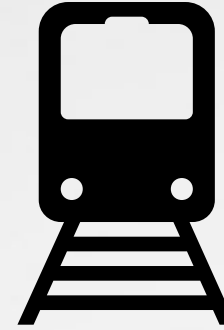
Thomas Gray  
Allie Isbell



# Stakeholders



Business



Transportation



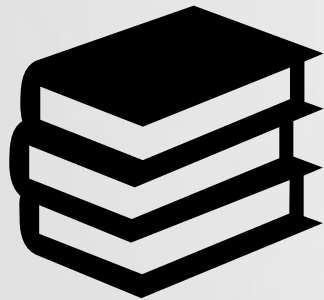
Government



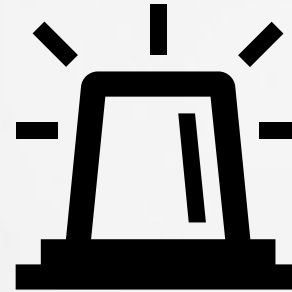
Healthcare



Real Estate/  
Developers



Schools



Emergency



Law Enforcement

# Stakeholders



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



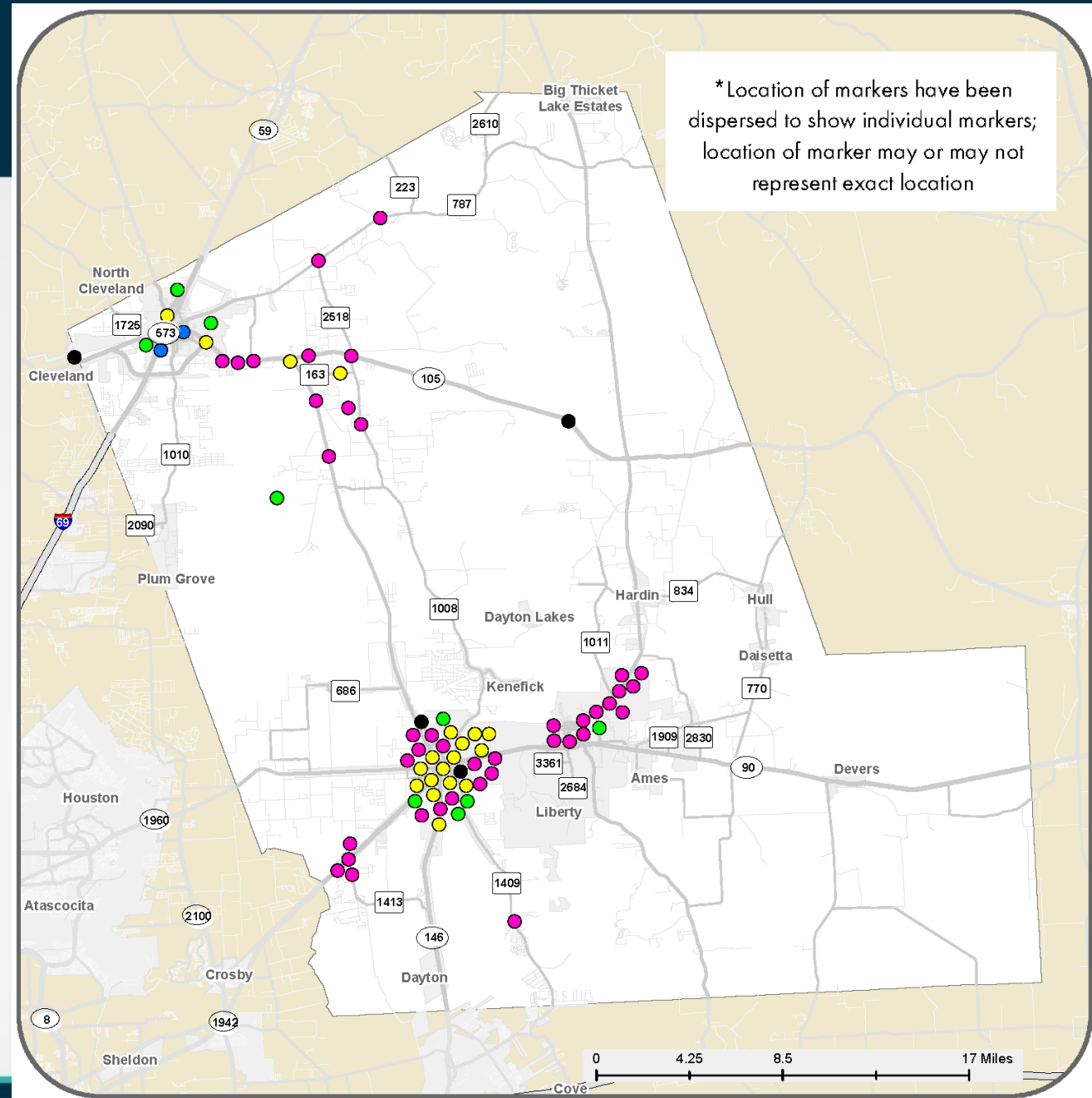
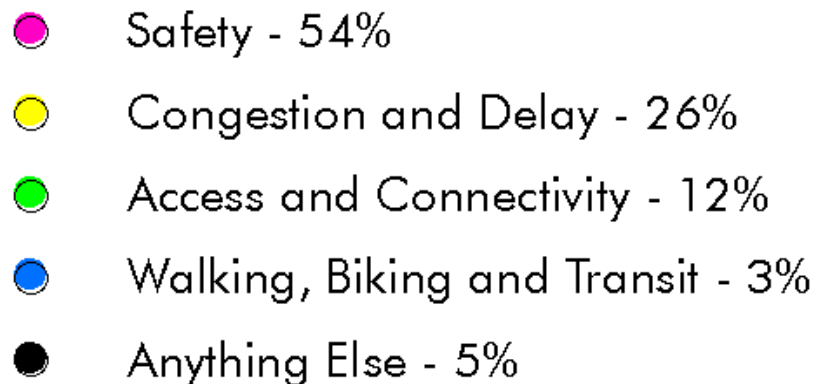
# Public Input

Online involvement from  
March 18 – June 1

- Total visits: 587

Comment Map

- 74 pins placed



# Survey

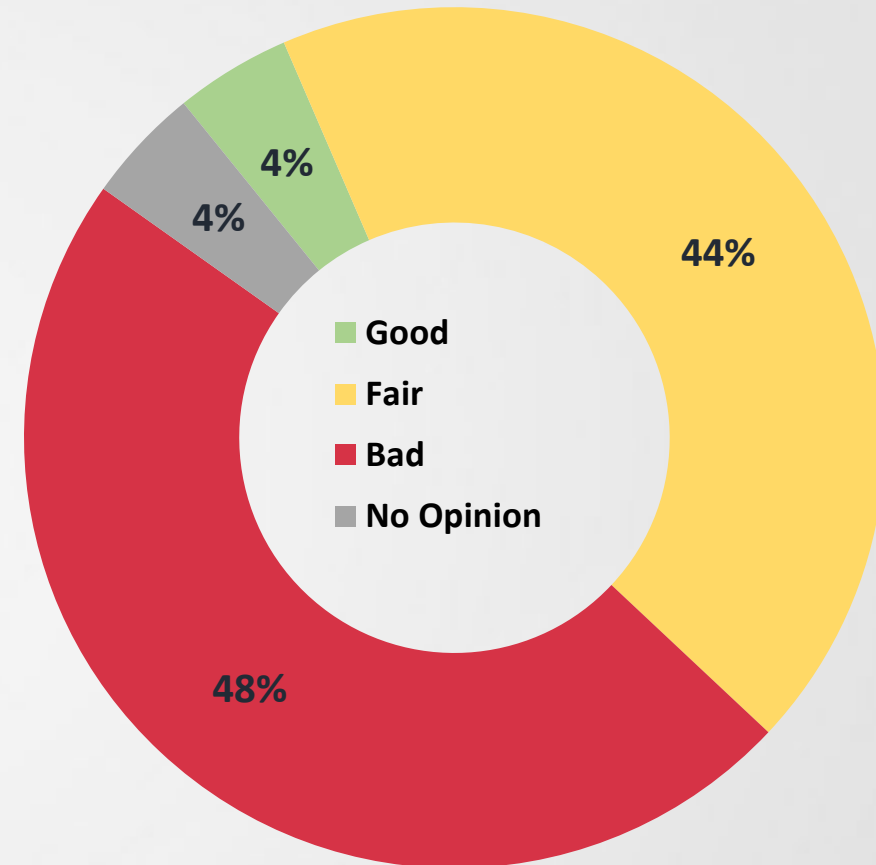
74% lived / worked in Liberty County for 11+ years

## MORE IMPORTANT

Reduce congestion  
Improve safety  
Additional connections / alternate routes  
Reduce delay at railroad crossings  
Mitigate heavy truck traffic  
Make intersection improvements  
Improve / expand walking and biking options  
Improve / expand public transportation

LESS IMPORTANT

## ROAD CONDITIONS



# Municipal Input

## Three Meetings:

- Cleveland
  - Dayton
  - Liberty
- 
- Engineering, Planning & City Management Staff
  - County Judge & Engineer



# City Meetings (Cleveland, Dayton, Liberty)

## ■ Key Points

### • Cleveland

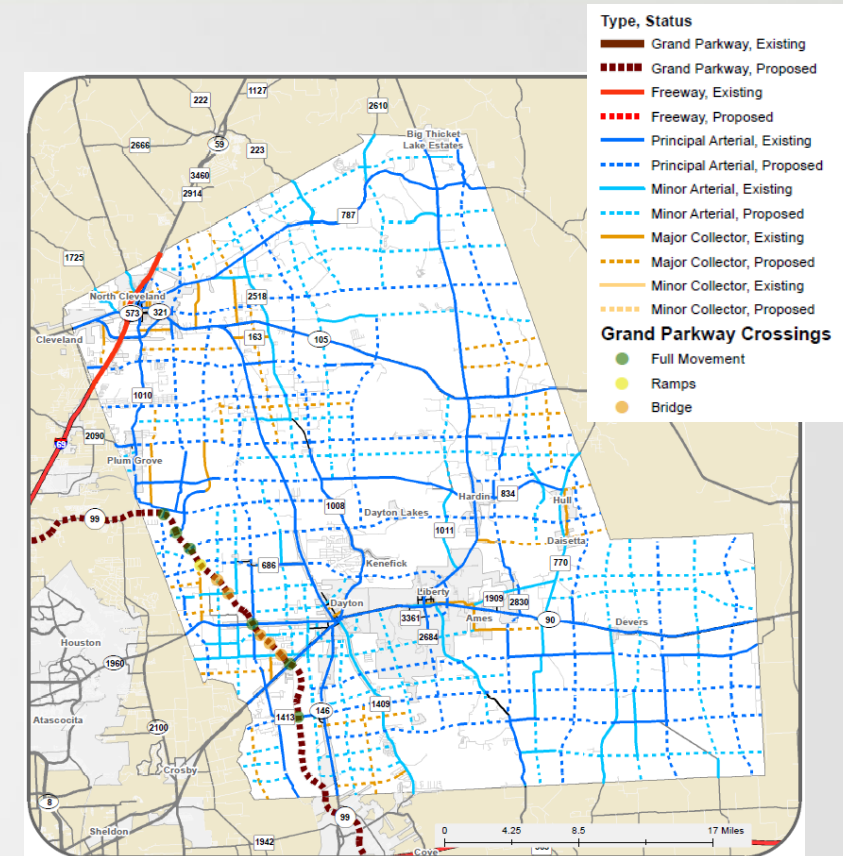
- Thoroughfare to pass through Plum Grove
- Connection from FM 2025 to Washington Avenue
- Railroad Crossing at Hanson is being closed

### • Dayton

- Grade-separation along Klemp Road to SH 321
- Revise alignments to serve Klemp Road extension
- New river crossing / more railroad crossings

### • Liberty

- FM 1011 to connect south
- East-west connection northeast of the City
- East-west connection - Lakeland Drive to SH 146 Bypass



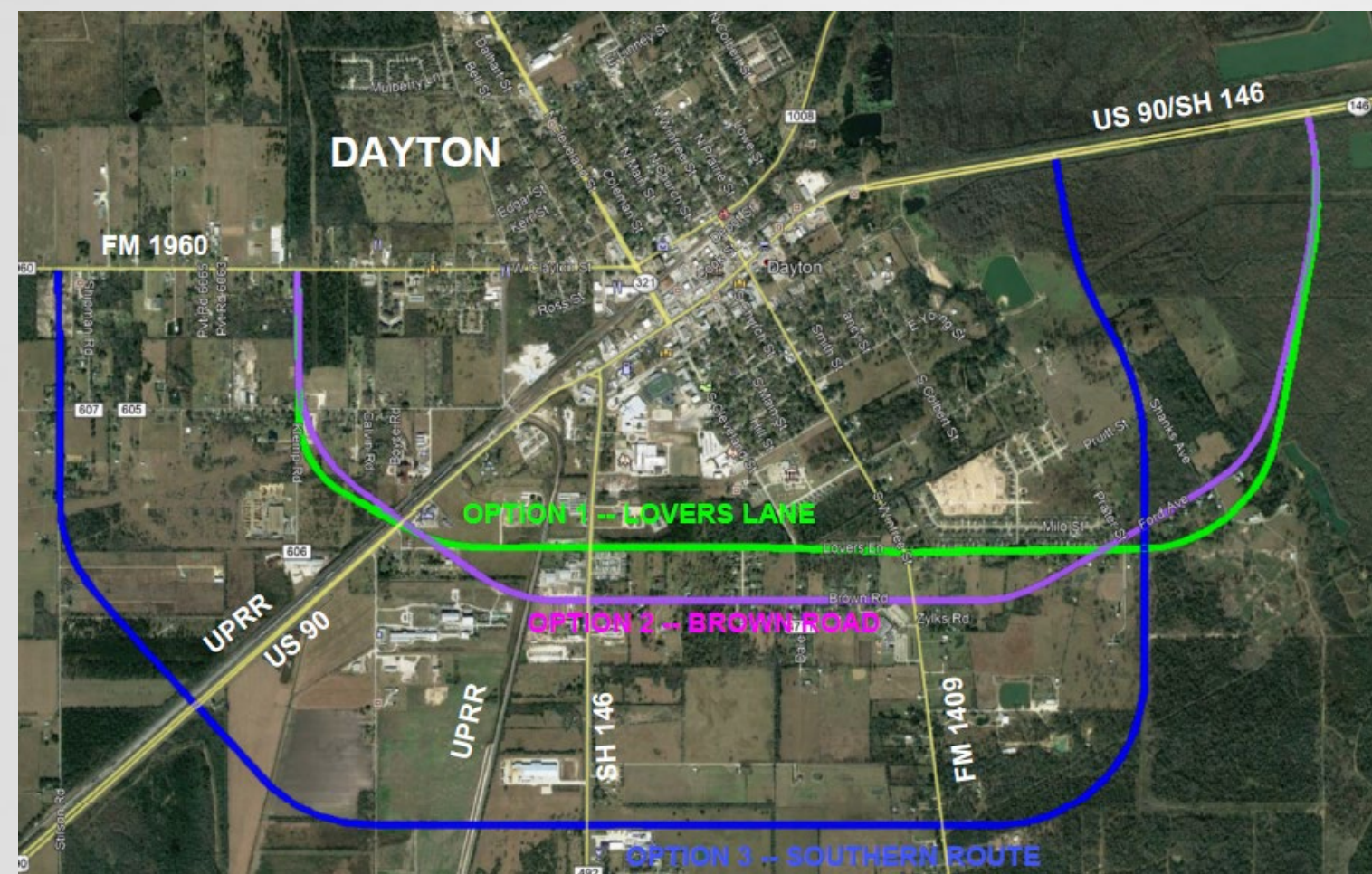


# HIGH LEVEL HIGHLIGHTS





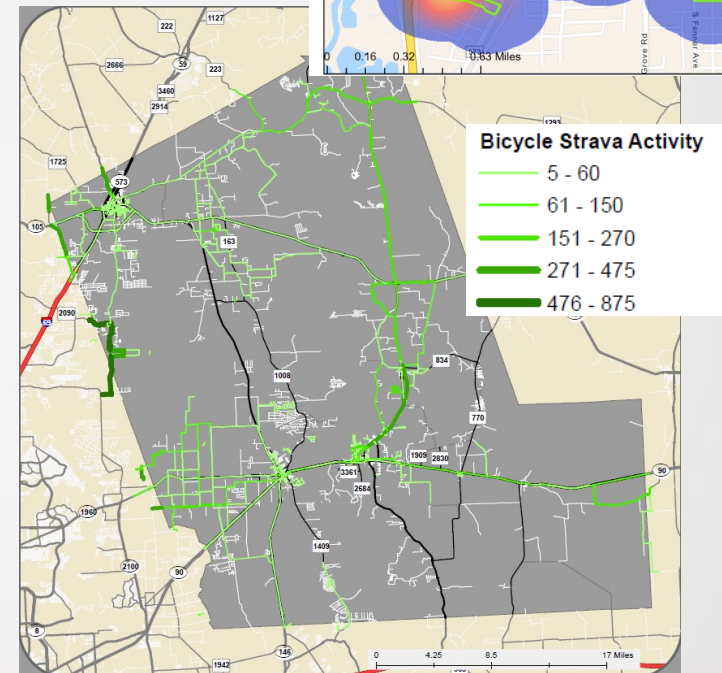
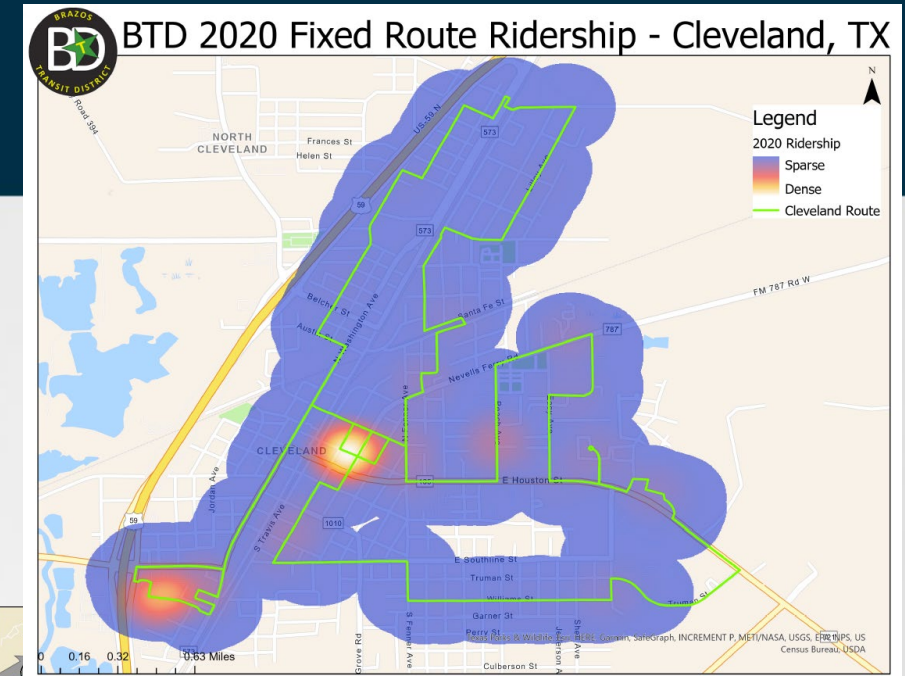
# Conceptual Dayton Bypass Alternatives



	1	2	3
Length	4.62 mi	4.58 mi	6.18 mi
Bridge	.34 mi	.24 mi	.44 mi
Cost	\$34 M	\$32 M	\$41.6 M
Residences	4	7	4
Commercial	6	10	0

# Active Transportation

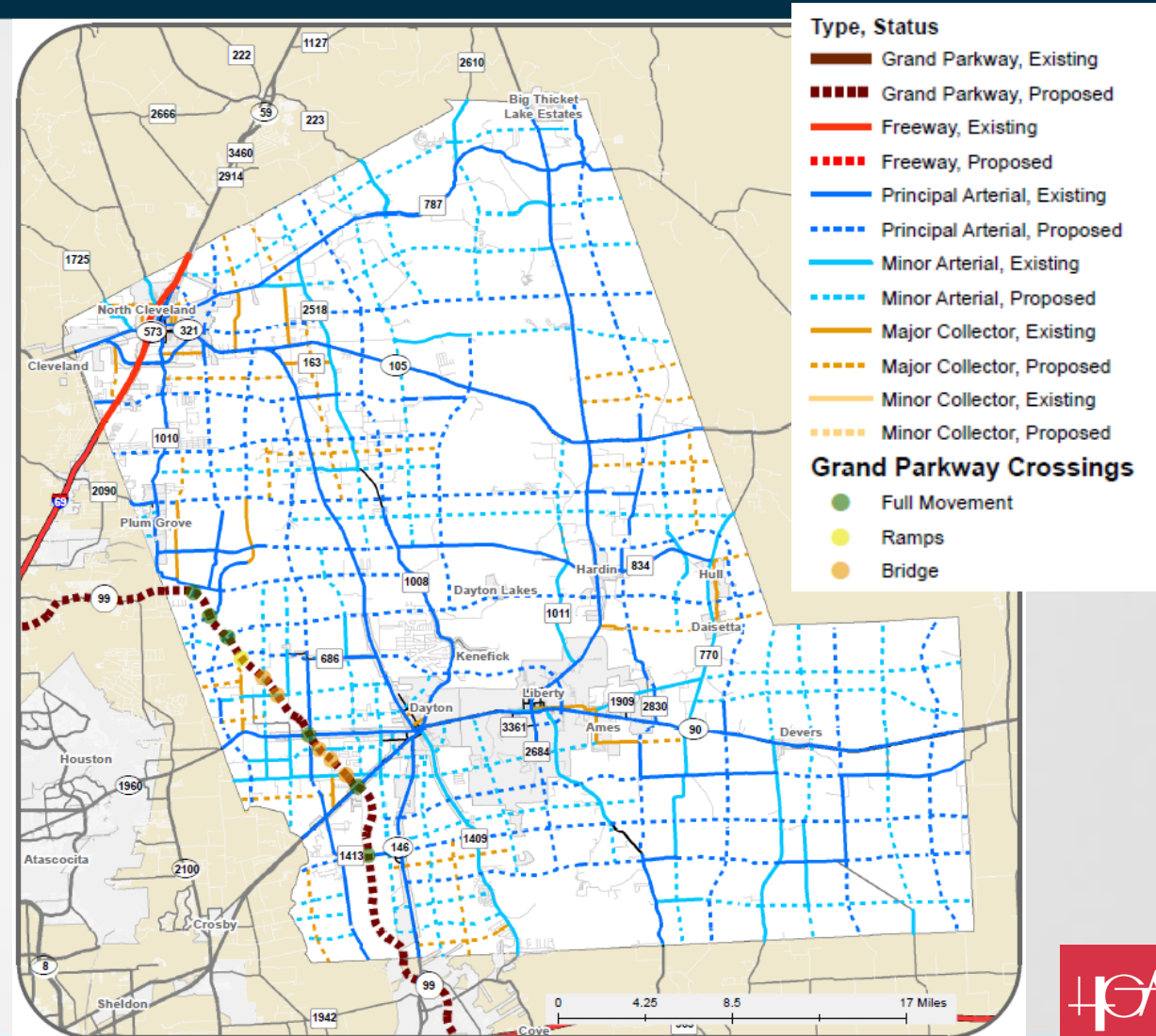
- Sidewalks Near:
  - Schools
  - Shopping Areas
  - Multi-Family Residential
- Park-and-Ride Lot Near US 90
- Future Dayton Transit Study





# Thoroughfare Suggestions

- County Should Conduct Official Thoroughfare Plan
- Input From:
  - County
  - Cleveland
  - Dayton
  - Liberty

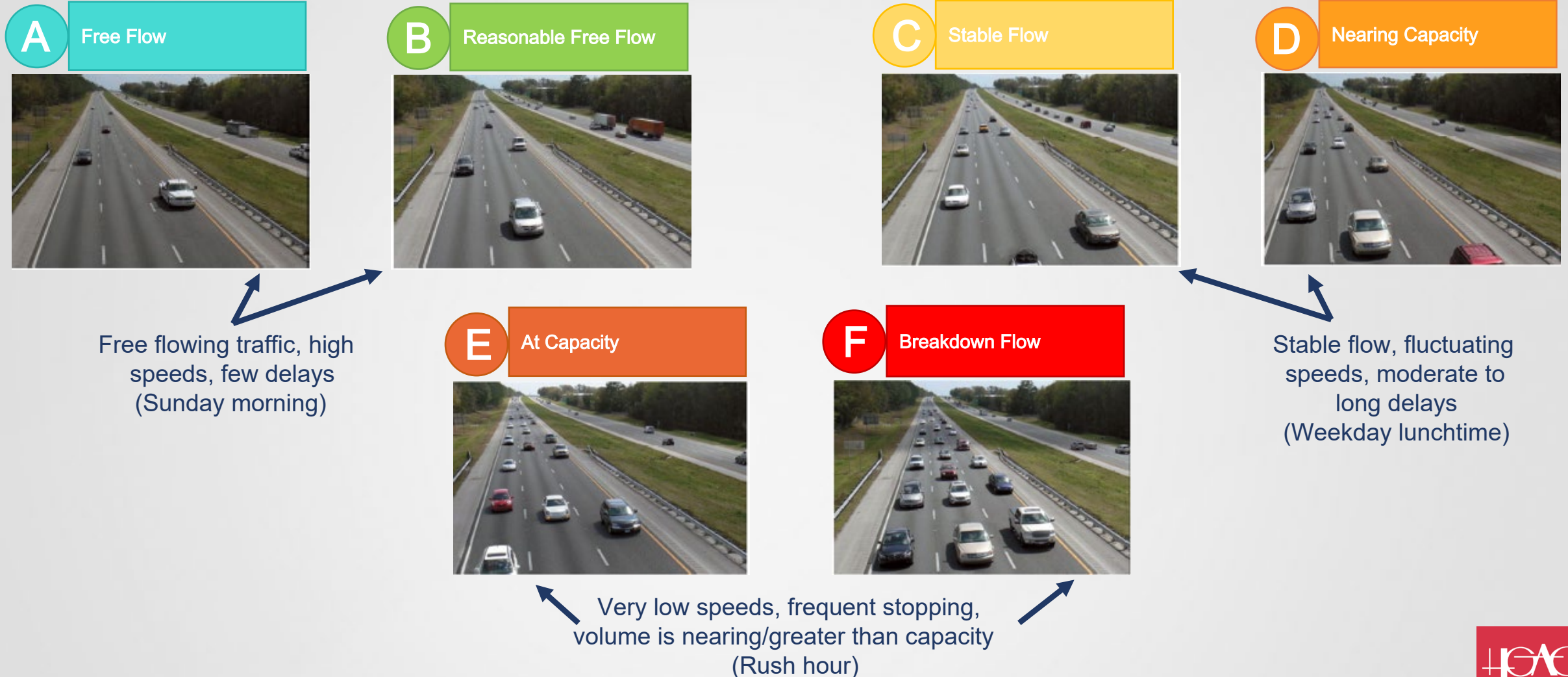


# INTERSECTION PERFORMANCE SUMMARY

A blue-tinted photograph of a multi-lane highway intersection. Several cars are visible on the road, some approaching and others moving away. The background is filled with dense trees and foliage. The text "INTERSECTION PERFORMANCE SUMMARY" is overlaid in white, bold, sans-serif font in the center of the image.



# Level - Of - Service





# Phased Improvements

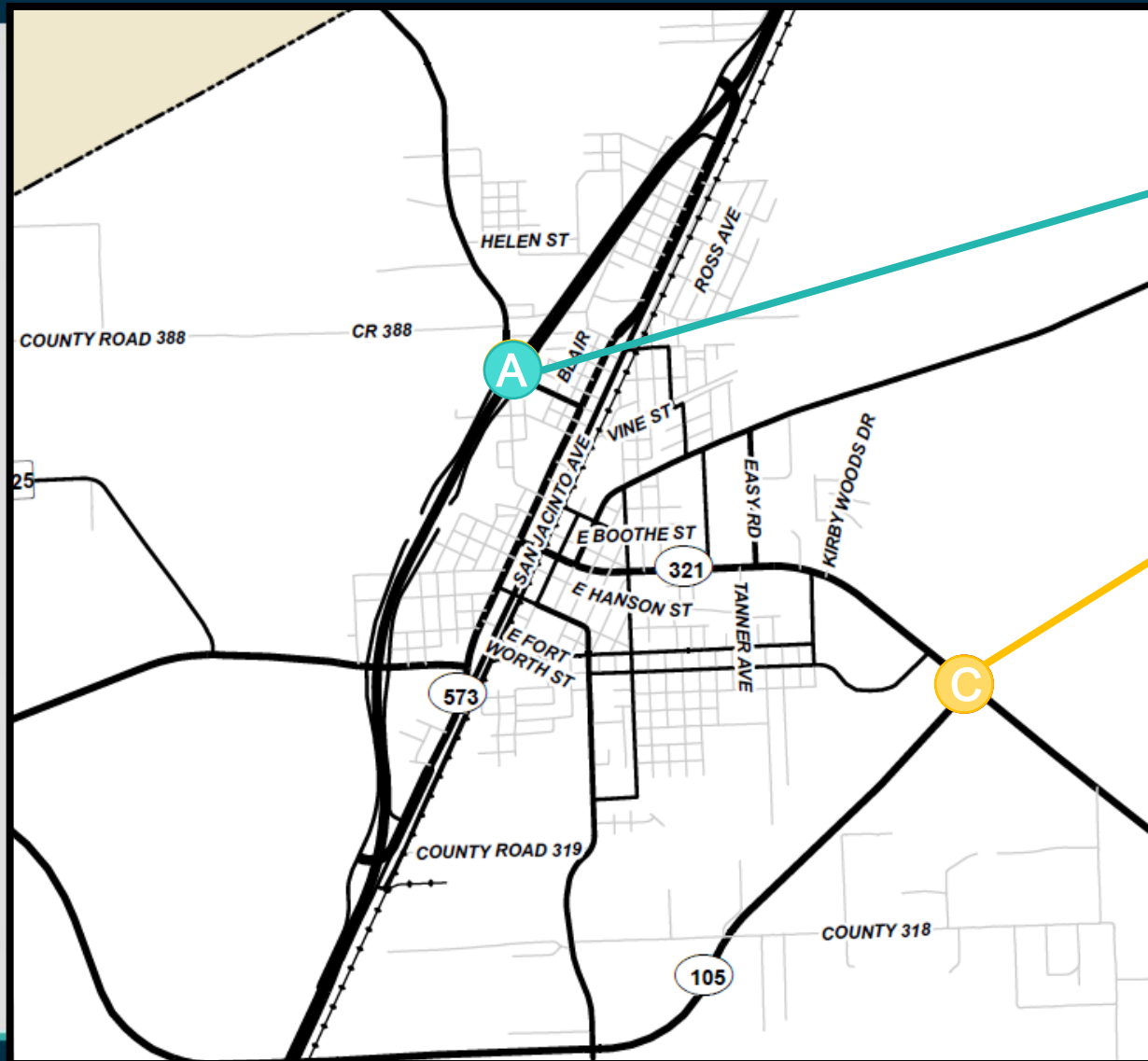
## Short -Term

- Address 2021 concerns
- Low-cost solutions
- Readily implemented
- <5 years after the study

## Long -Term

- Address 2045 concerns
- Higher-cost solutions
- More planning or coordination
- 5-20 years after the study

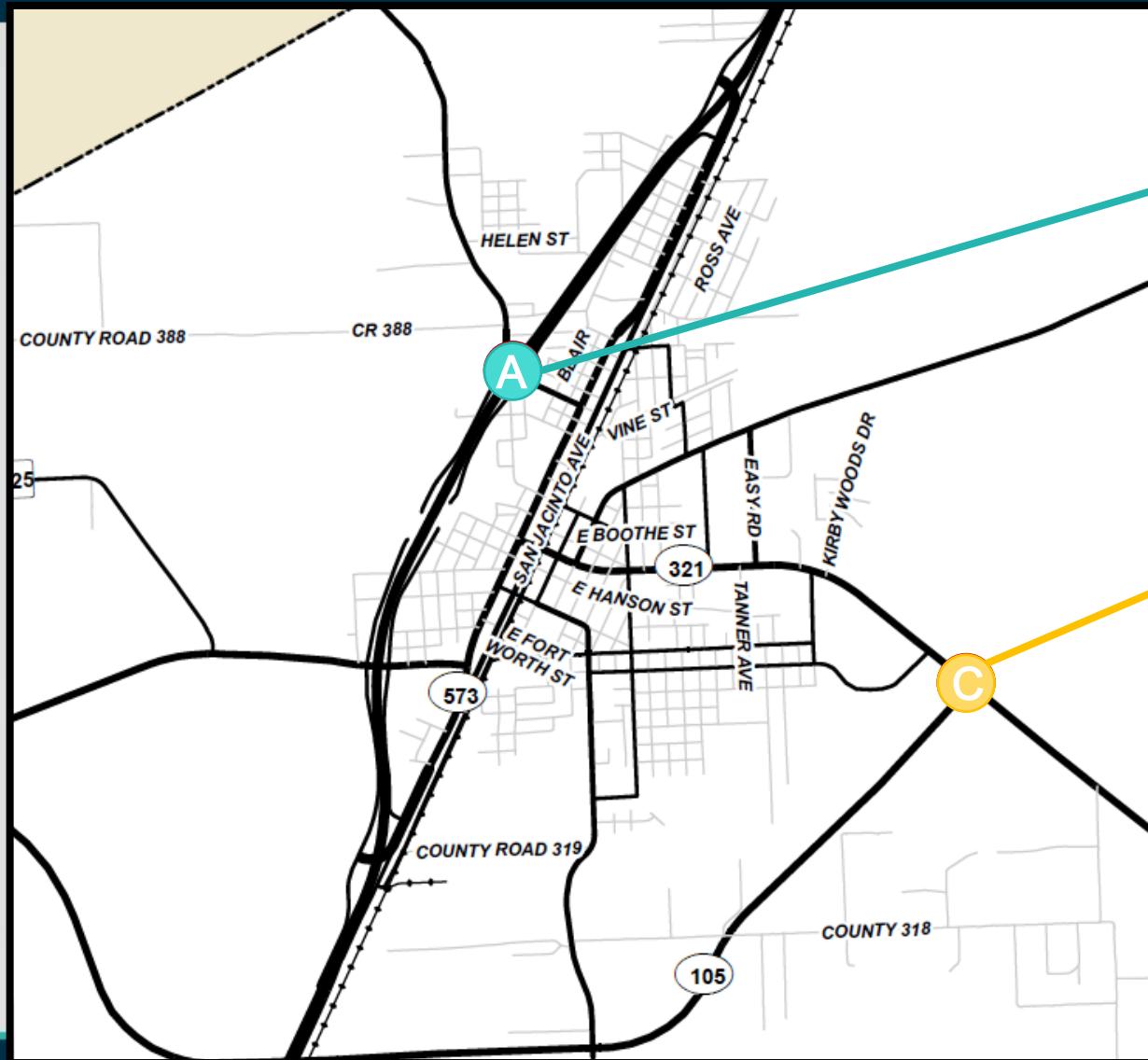
# Cleveland – Short-Term



+ Signalization

+ Install northbound left -turn lane

# Cleveland – Long -Term



- + Widen bridge to 4 lanes
- + Install northbound left - turn lane
- + Install northbound and westbound left -turn lanes (dual left)
- + Install eastbound and westbound through lanes
- + Protected left-turns

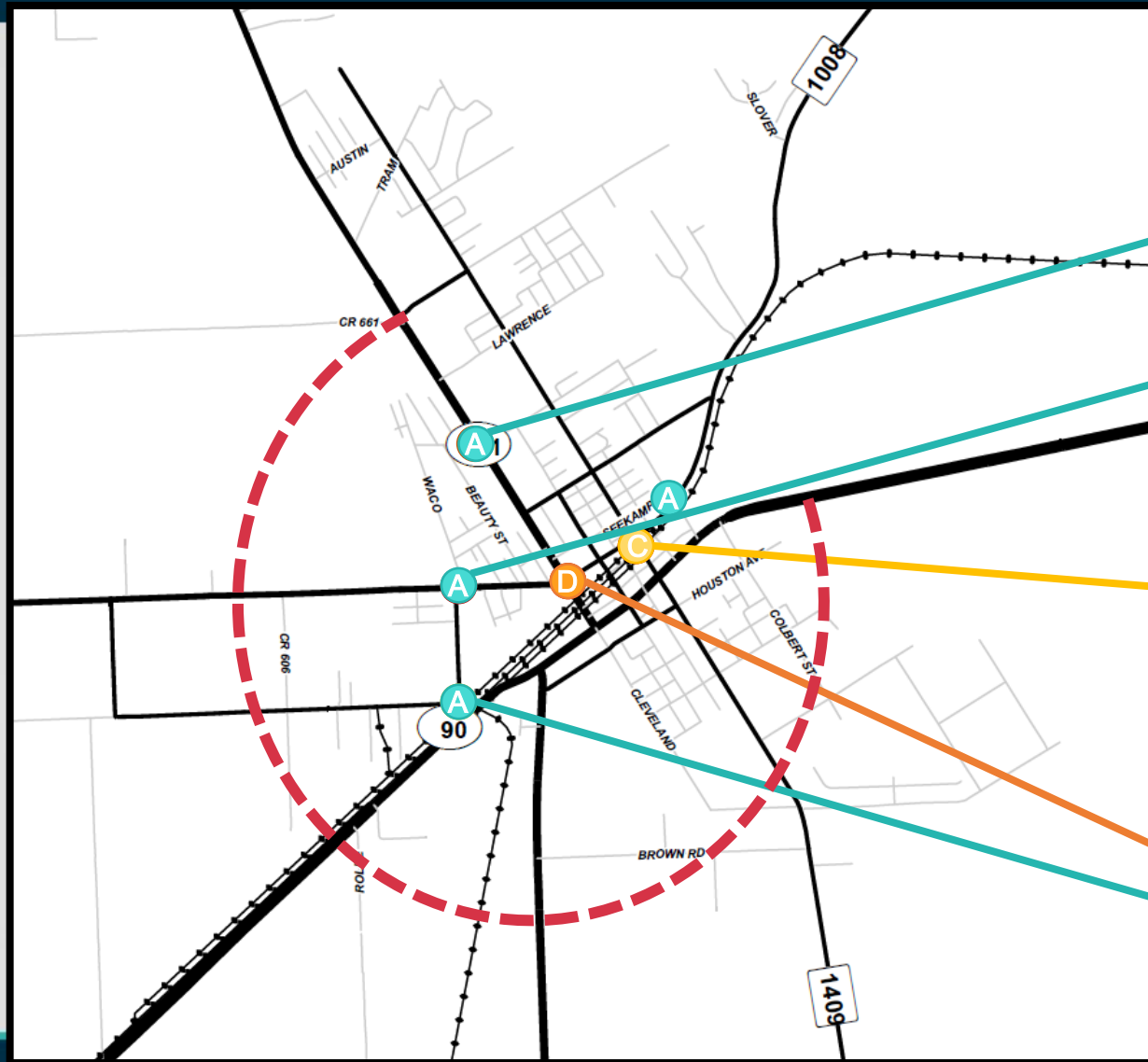
# Dayton - Short-Term



- + Eastbound and westbound through lanes
- + Permitted-protected northbound left - turn lane
- + Signalize
- + Westbound and northbound left -turn lanes
- + Flashing Yellow Arrow
- + Eastbound right -turn lane
- + Signalize
- + Southbound right -turn and left -turn lanes



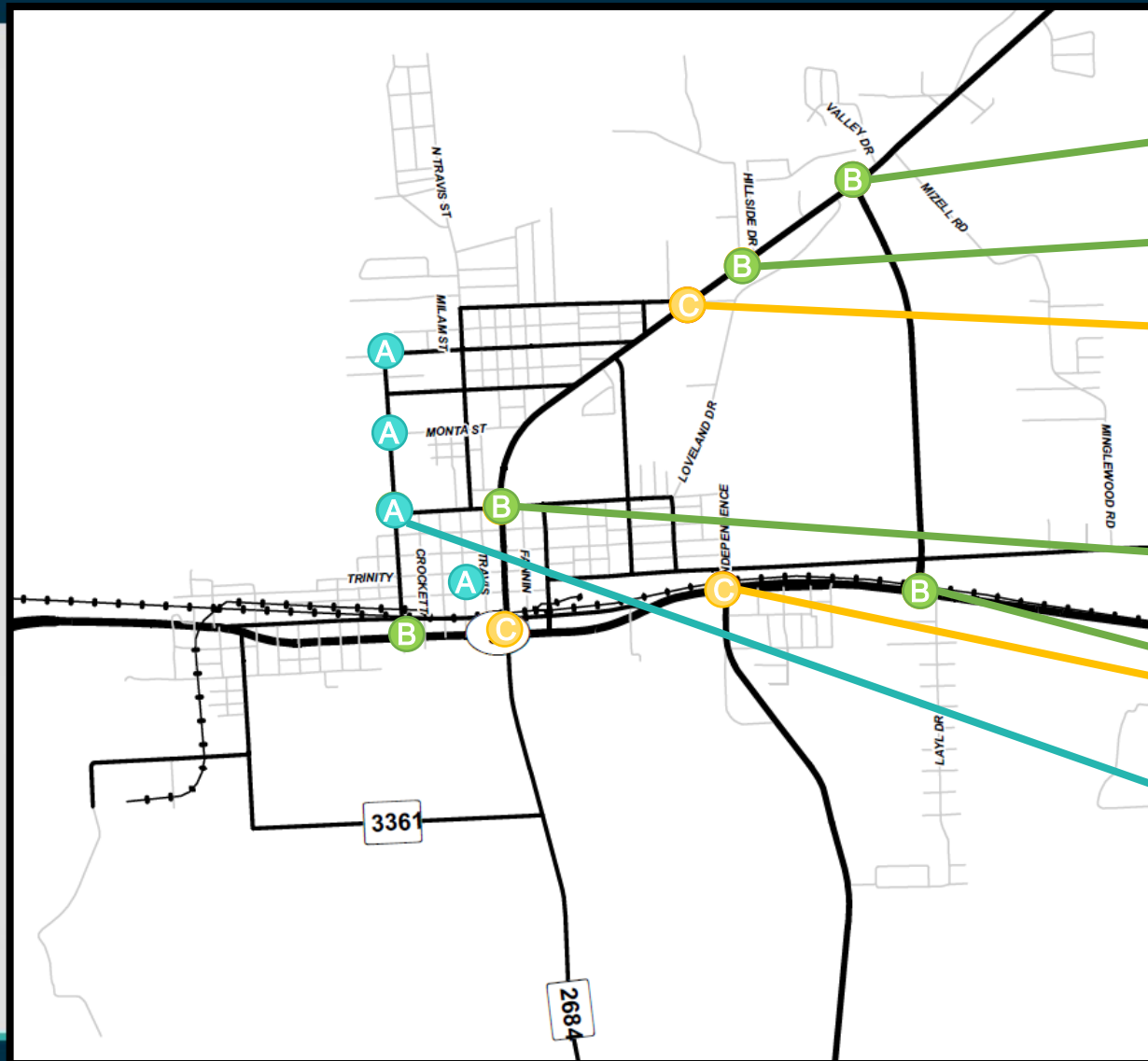
# Dayton – Long -Term



## US 90 Bypass relief for all intersections

- + Westbound right -turn lane
- + Realign northbound and southbound approaches
- + Eastbound and northbound right -turn lanes
- + Left-turn lanes
- + Eastbound and westbound through lanes
- + Northbound and eastbound right -turn lanes
- + Westbound right -turn lanes

# Liberty – Short-Term



Coordinate signals along US 90

+ Permitted-protected left-turn

+ Southbound right -turn lane

+ Flashing Yellow Arrow

+ Northbound through lane

+ Eastbound and westbound left -turn lane

+ Flashing Yellow Arrow

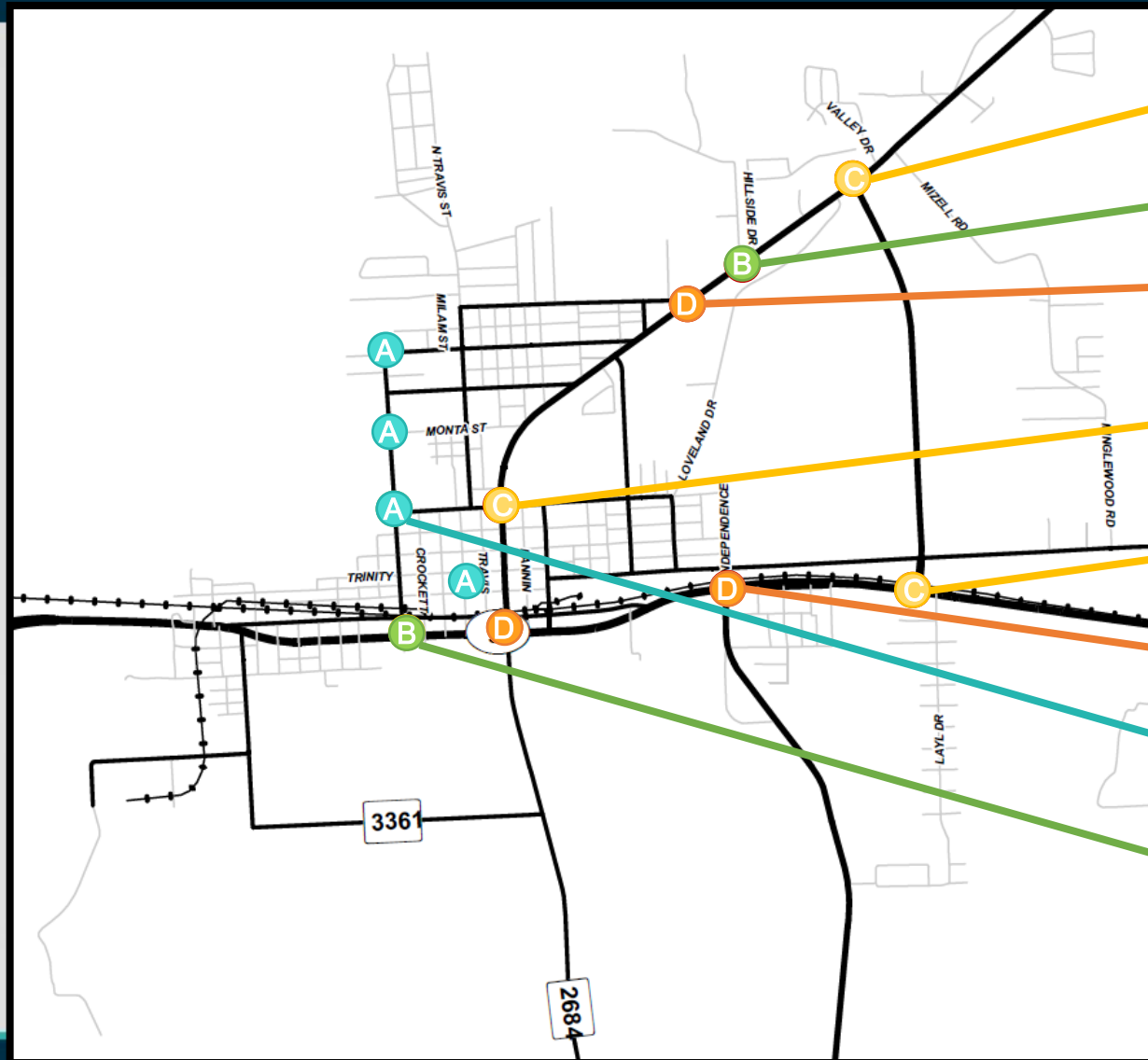
+ Optimize signal

+ Permitted-protected left -turns

+ Install stop signs

+ Westbound left-turn lane

# Liberty – Long -Term



- + Realign southbound approach
- + Realign northbound approach (driveway)
- + Eastbound and westbound through lanes
- + Southbound through -right turn lane
- + Northbound right -turn lane
- + Southbound left -turn lane
- + Optimize signal timing
- + Northbound and southbound right -turn lanes
- + Permitted-protected left-turn lanes



A blue-tinted photograph of a longhorn standing in a field of tall grass and reeds. The longhorn is positioned in the upper right quadrant, facing right. The foreground is filled with tall, slender reeds and grasses, some of which are in sharp focus. The background consists of a dense line of trees and shrubs under a clear sky. The overall image has a monochromatic blue color scheme.

**POLICY / PRACTICES**



# Policy / Practice Recommendations

## LIBERTY COUNTY

- Submittal requirements
  - Require a plat for all subdivisions
  - General Plan submittal for all contiguously -owned property
  - Digital submission process
  - Revise the plat submittal checklist
- General subdivision requirements
  - Common platting regulations / general street requirements
    - Points of access, block length, curve requirements, ROW widths, etc.
  - Consistent provisions for requiring ROW dedication for properties along MTP
  - Adopt Dayton's current sidewalk requirements
- Create roadway and utility Design and Construction standards

## CITIES

- Adopt Liberty County regulations and standards; can apply more restrictive requirements if desired

# Draft Recommendations






## Draft Recommendations (Online Tool)

**Comments Due By May 26, 2022**

# Schedule

## LIBERTY COUNTY MOBILITY STUDY SCHEDULE

	2020		2021				2022	
TASK	FALL	WINTER	SPRING	SUMMER	FALL	WINTER	SPRING	SUMMER
Identification of Issues and Needs								
Data Assembly and Evaluation								
Analysis								
Implementation and Funding Plan								
Final Report								
Public Outreach								

-  DURATION OF TASK
-  STEERING COMMITTEE MEETING
-  PUBLIC MEETING
-  ONLINE ENGAGEMENT ACTIVITY
-  STAKEHOLDER MEETING

WE ARE HERE

# Next Steps

- **Public Comments Due May 26, 2022**
- Public Meetings (In Person)
  - Liberty – May 12, 2022
  - Cleveland – May 18, 2022
- Steering Committee Meeting
  - Discuss Public Comments
  - Review Improvements
- Draft Report
- H-GAC / Steering Committee Review
- Final Report



# Thank You! Further Discussion



*For More Information:*

[www.h-gac.com/subregional-planning/liberty-county-study](http://www.h-gac.com/subregional-planning/liberty-county-study)

- Thomas Gray, AICP
  - [Thomas.Gray@h-gac.com](mailto:Thomas.Gray@h-gac.com)
- Allie Isbell, AICP
  - [Allie.Isbell@h-gac.com](mailto:Allie.Isbell@h-gac.com)

# Online Public Engagement

Round 2 (Spring 2022)

# Liberty County Mobility Study

Round 2 Online Comments (Spring 2022)

ID	Category	Author	Comment
1	Congestion and Delay	Public	Needs a Left turn lane for Southbound traffic.
2	Congestion and Delay	Public	Needs a left turn lane for Eastbound traffic on SH 105
3	Access and Connectivity	Public	This route should be continued to FM 787 at minimum, if not to US 59 north of the city to provide better freeway access, creating more of a loop around the city.
4	Access and Connectivity	Public	This route I feel could be handy between FM 787 and SH105, but a more reasonable corridor in my mind to carry North into San Jacinto county would be to carry FM 2518 North across FM787 into SJC
5	Walking, Biking, and Transit	Public	Additional paved roadway with full shoulders should exist along FM787, as it allegedly listed as great road for bicycles.
6	Safety	Public	intersection improvement needed here, late in the day trying to access FM 787 from CR 2212 is hard to see eastbound traffic looking into the sunset, and difficult to turn to see westbound traffic on FM 787
7	Congestion and Delay	Public	evening rushhour traffic turning east onto SH105 blocks Southbound SH321 traffic. extending turn lanes needed, or an additional turn lane in long term.
8	Safety	Public	Three county roads in immediate area, in a curve. left turn lane would help increase safety in this area
9	Safety	Public	Three county roads in approximately 1/4 mile, with traffic usually exceeding 60 MPH, a left turn lane would result in safer turns along this area
10	Safety	Public	Long term plan should include signalization at this intersection, with the timber along CR2243 likely being developed by 2045. Short term the current project to add turn lanes should improve safety here.
11	Congestion and Delay	Public	With increased usage of SH 105 as an alternative for IH10 for traffic coming to or from areas north of Houston, SH321 between the two parts of SH 105 should likely be considered for additional lane capacity by 2045. plus, its use as a hurricane evac route
12	Access and Connectivity	Public	Connect CR 308 & CR 331 for alternative routes to access US 59 for residents east of Cleveland. Continue CR 331 west to US 59 at CR 381
13	Congestion and Delay	Public	long term should include plans for signalization. heavily used as an westward path for hurricane evacuation
14	Congestion and Delay	Public	SH 321 is heavily used between the two pieces of SH105 for hurricane evacuation, additional lane should be added with improvements at each signal/Intersection for these high volume occasions
15	Safety	SC - H-GAC	This intersection come up as a safety concern at last October's Greater Cleveland Chamber of Commerce meeting

# Liberty County Mobility Study

Round 2 Online Comments (Spring 2022)

ID	Category	Author	Comment
16	Congestion and Delay	SC - TxDOT Houston	There is to be a BNSF logistics yard located north of here that will generate a lot of truck traffic on SH 105 & FM 1725, make sure any design standards recommended will include truck turning radii, etc.
16	Anything Else	SC - TxDOT Houston	Link for BNSF Cleveland Yard details: <a href="http://www.bnsf.com/ship-with-bnsf/rail-development/logistics-centers.html#subtabs-6">http://www.bnsf.com/ship-with-bnsf/rail-development/logistics-centers.html#subtabs-6</a>
17	Anything Else	SC - City of Liberty	Protected EB LT currently exists at intersection. WB protected LT required in near future due to new Fire Station to be located on Bowie South of US 90.
17	Anything Else	SC - Unknown	Add SB LT lane by stripping or pavement widening?
18	Anything Else	SC - City of Liberty	Courthouse Square - Proposed parking spaces on north side of Trinity block driveway between buildings and on Travis parking spaces blocks the City's drive through window.
18	Access and Connectivity	SC - City of Liberty	Proposed street alignment on Sam Houston will require relocation of electrical service to Courthouse.
19	Access and Connectivity	SC - City of Liberty	NB/SB Loop 227 approaches at Trinity do not currently align. There is an offset and conflict with parking spaces on east side of Loop 227 between Sam Houston & Trinity.
19	Access and Connectivity	SC - City of Liberty	Long Term- South side of intersection does not have sufficient width to add fourth lane
20	Anything Else	SC - City of Liberty	Add SB LT lane by stripping or pavement widening?
20	Access and Connectivity	SC - City of Liberty	Loop 227 from US 90 to Grand St. has 60'ROW. Long Term recommendations are not feasible w/o having to acquire additionally ROW.
21	Safety	SC - City of Liberty	Just north of intersection have merging and turning conflicts with Hwy 146 Bypass, Still Forest Dr., private driveway and Mizell Rd. Both intersection & corridor need to be evaluated.,
21	Anything Else	SC - City of Liberty	Signals need RR pre-emption capabilities other than going to just flashing mode.
22	Anything Else	SC - City of Liberty	Signals need RR pre-emption capabilities other than going to just flashing mode.
22	Access and Connectivity	SC - City of Dayton	In order to construct Brown road into a Bypass ROW will need to be purchased. There is an easement south of Brown Road that may be more suitable for the Bypass.
23	Access and Connectivity	SC - City of Dayton	Possible location for Bypass
23	Congestion and Delay	SC - TxDOT	I am not certain the growth rate of this northern section would support a 6-lane section throughout.
24	Congestion and Delay	SC - TxDOT	It seems a 4-lane section would be sufficient from the 105 loop to the Grand Parkway.
24	Congestion and Delay	SC - TxDOT	Not sure if expected traffic volumes would suggest 4 lanes are necessary.
25	Access and Connectivity	SC - TxDOT	If connecting two State facilities, would suggest the two 90-degree turns be removed.



## Liberty County Mobility Study

Round 2 Online Comments (Spring 2022)

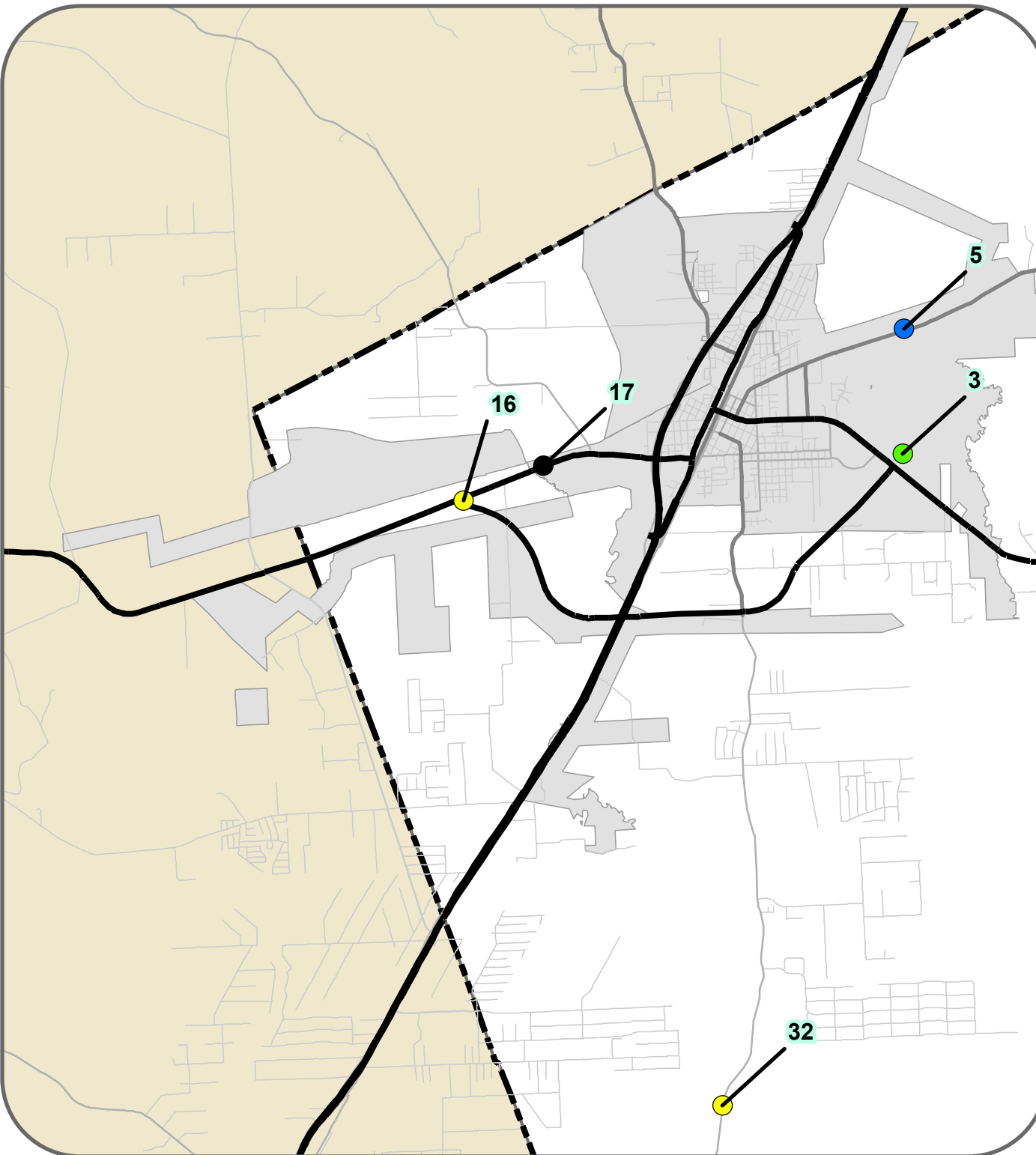
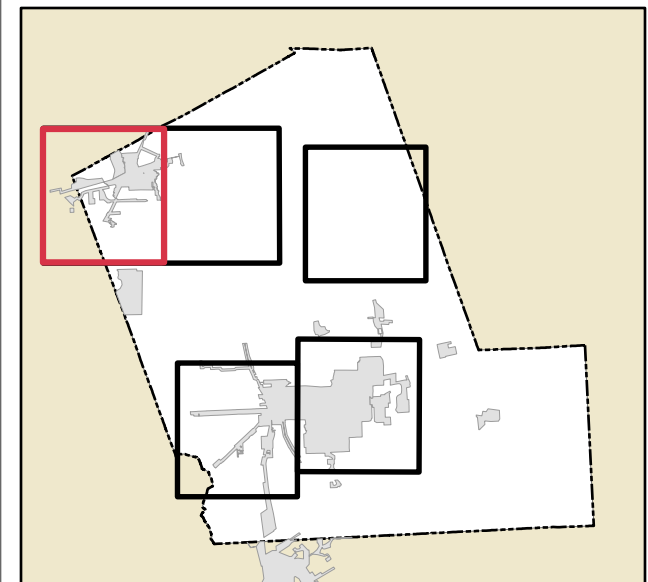
ID	Category	Author	Comment
25	Congestion and Delay	SC - TxDOT	Not sure that the anticipated future traffic volumes support the need for 4 lanes in this area.
26	Safety	SC - TxDOT	Suggest raised medians with median openings/turn bays at appropriate locations.

# Liberty County Mobility Study

## Online Comments Round 2 (Spring 2022)

### Comment Categories

- Access and Connectivity - 23%
- Congestion and Delay - 34%
- Safety - 14%
- Walking, Biking, and Transit - 2%
- Anything Else - 27%



0 0.25 0.5 1 Miles

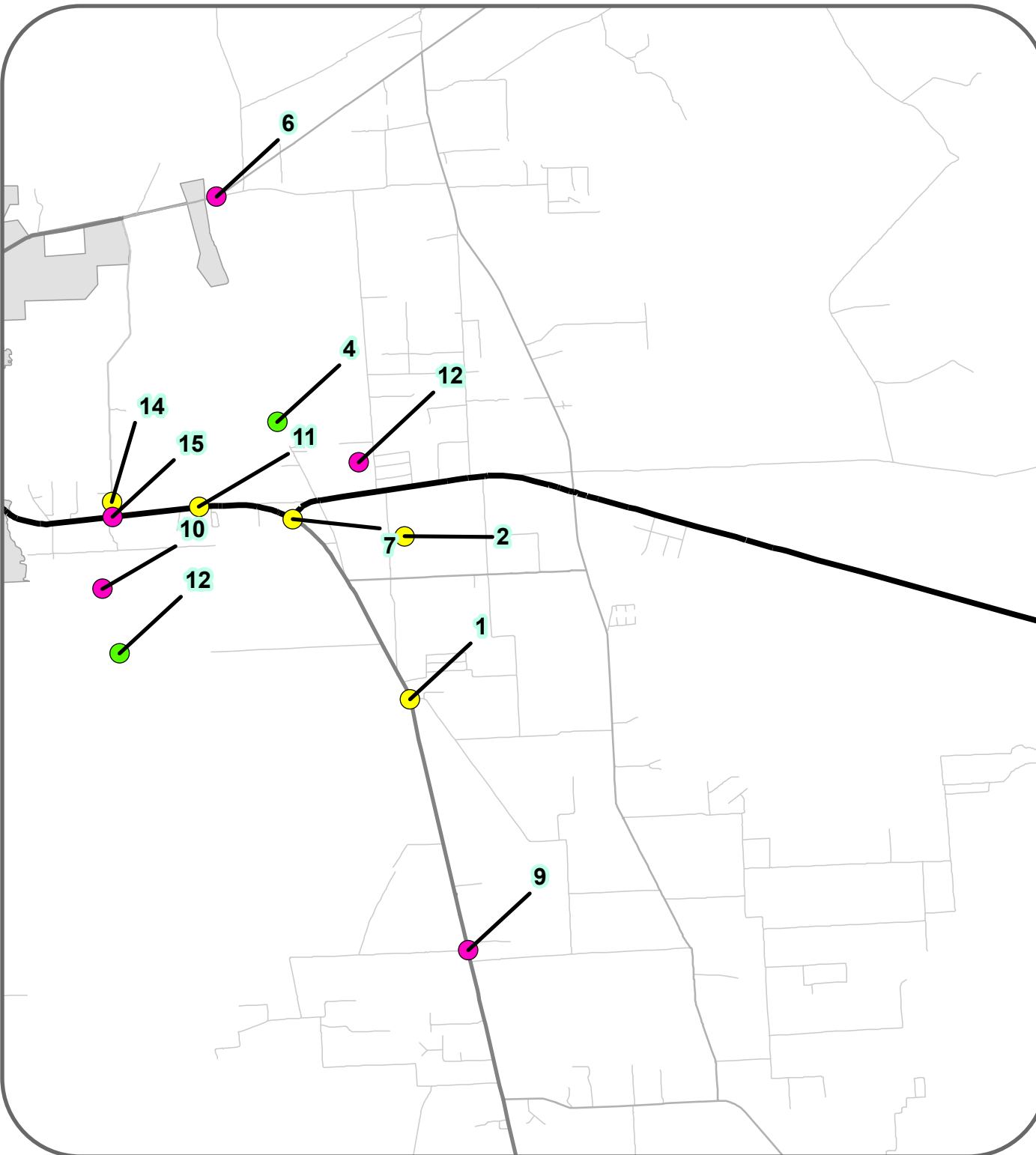
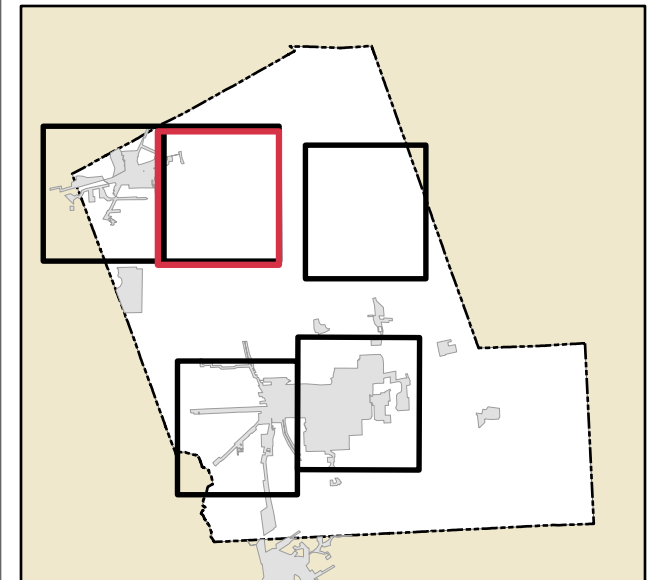


# Liberty County Mobility Study

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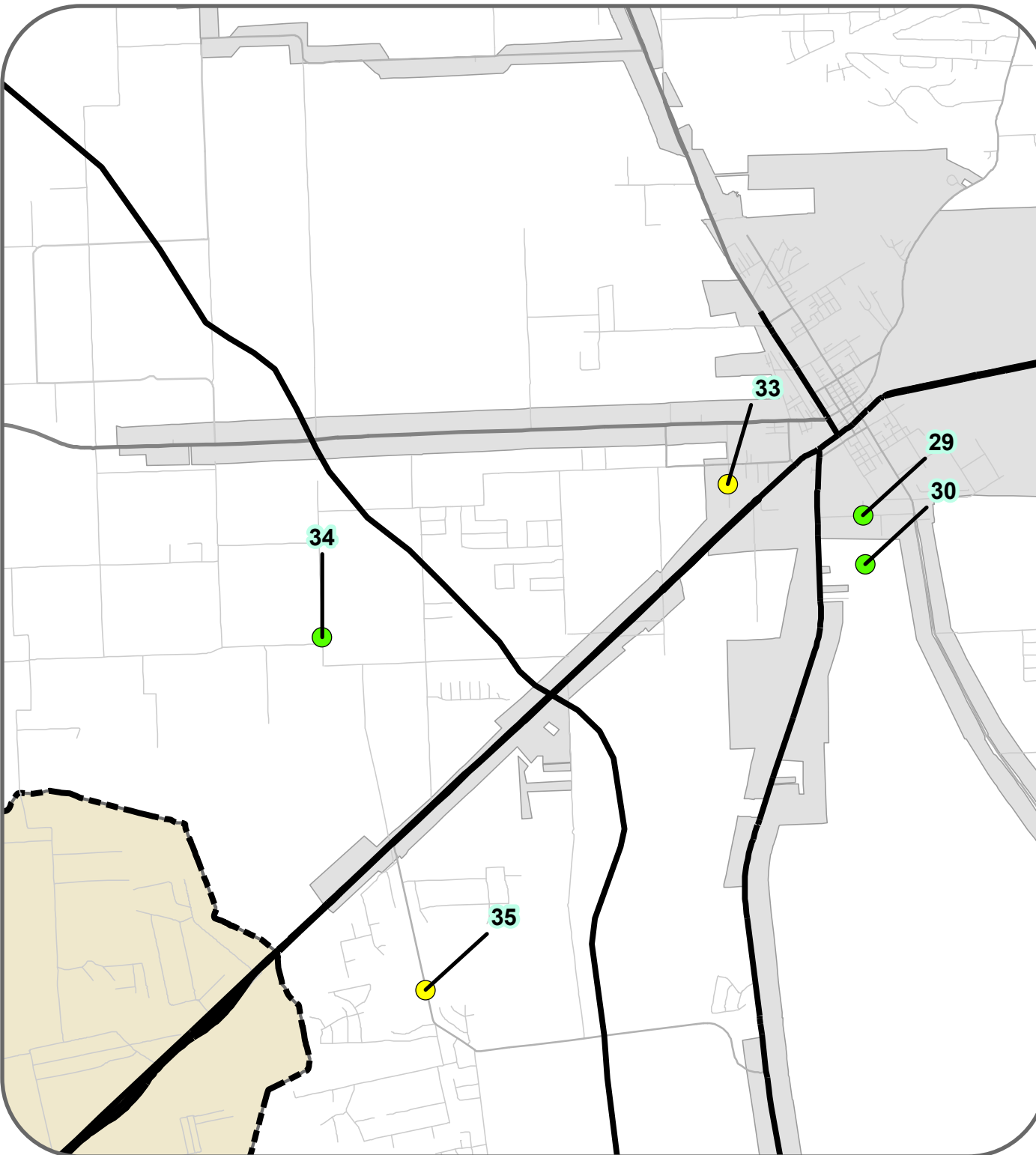
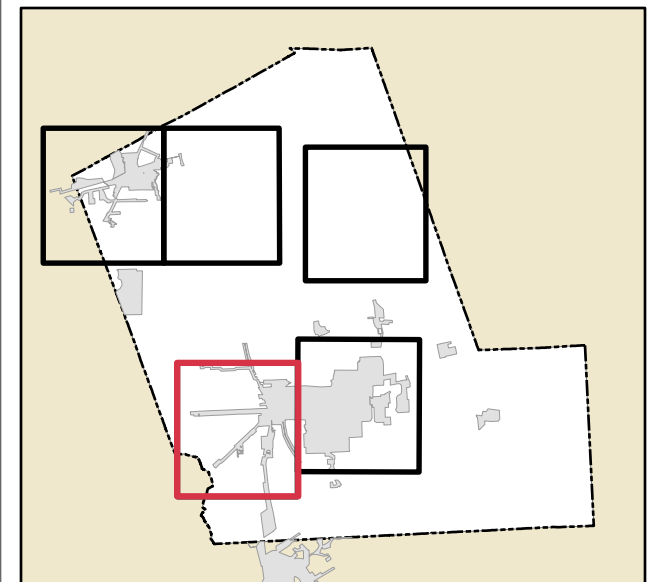


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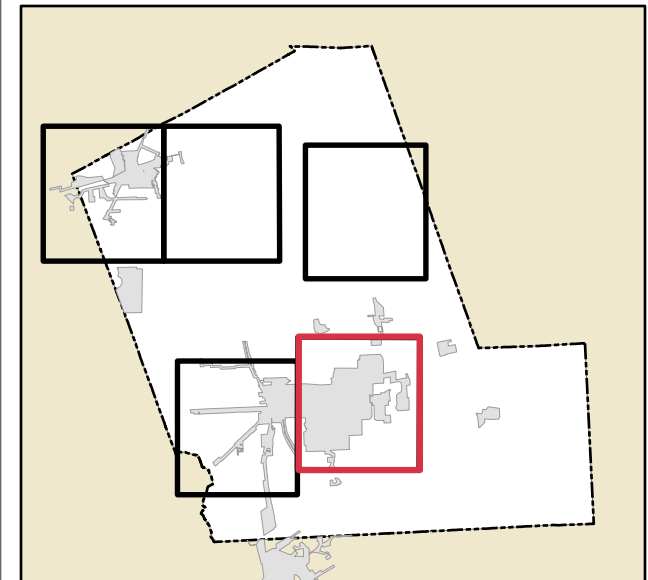


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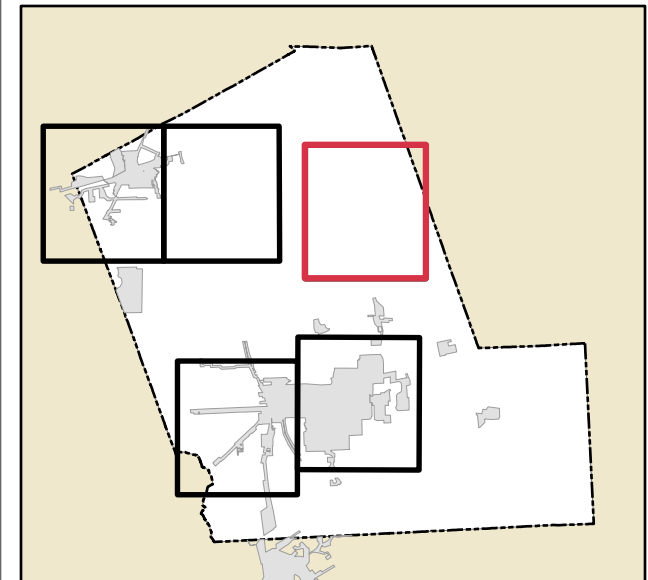
0 0.25 0.5 1 Miles

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0 0.25 0.5 1 Miles

31

13

