



# Liberty County Mobility Study

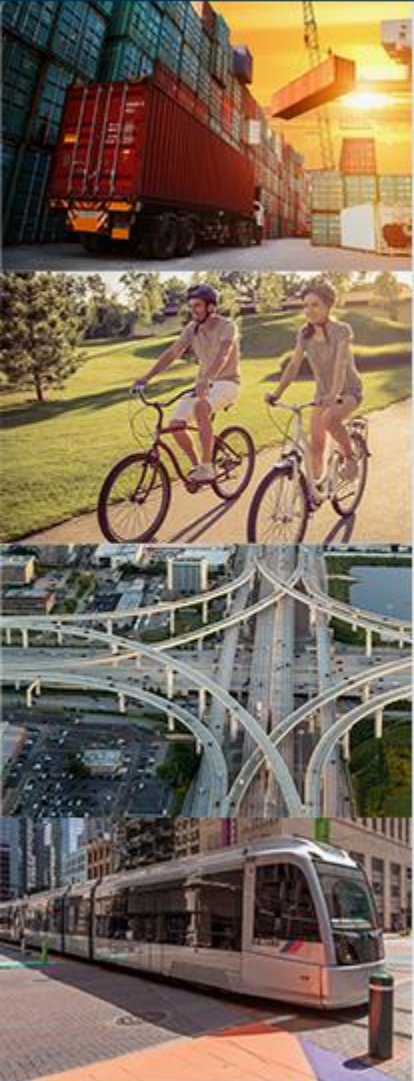


Thomas Gray, AICP  
Michael Feeney, PE  
Steering Committee Meeting 4 - 03/10/2022

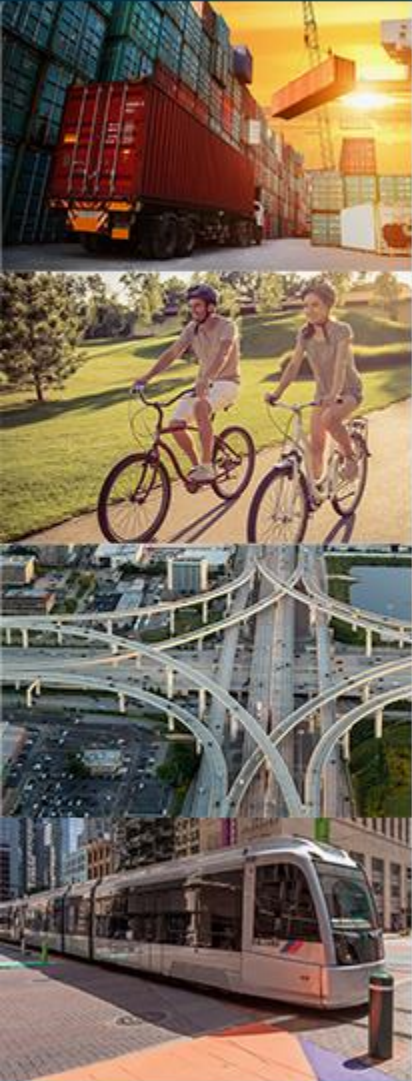
# Steering Committee Meeting

## Agenda:

1. Introductions / Role Call – 5 minutes
2. Project Vision / Goals – 5 minutes
3. Draft Recommendations – 45 minutes
  - Online Tool
4. Next Steps – 5 minutes
  - Stakeholder Meeting
  - Public Meeting
  - Steering Committee
  - Draft Report
  - Steering Committee Meeting
  - Final Report



# Steering Committee Meeting



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## Liberty County

Judge Jay Knight  
David Douglas

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## City of Cleveland

Stacy Williams  
Angela Smith

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## City of Dayton

Kimberly Judge  
Steve Floyd  
Ann Miller

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## City of Liberty

Tom Warner  
Chris Jarmon

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## TxDOT

Noel Salac  
Jeffrey English  
Lisa Collins

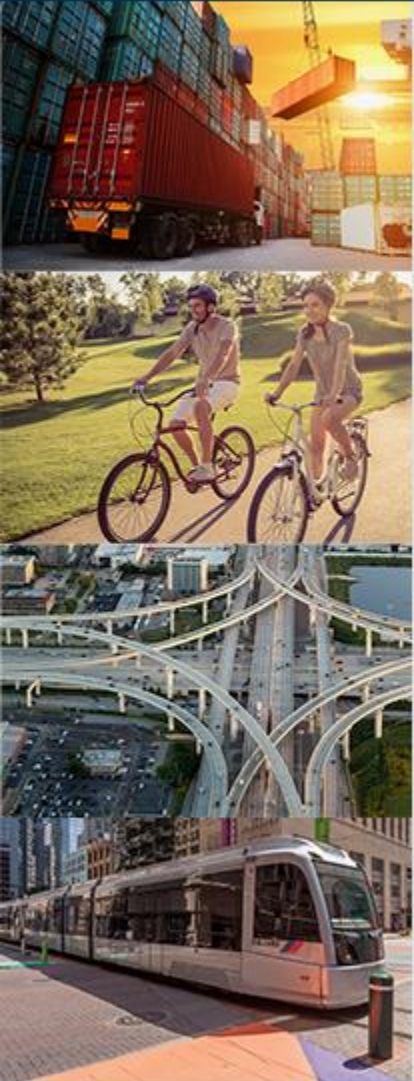
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## H-GAC

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Thomas Gray  
Allie Isbell

# Vision - Draft



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



# Goals

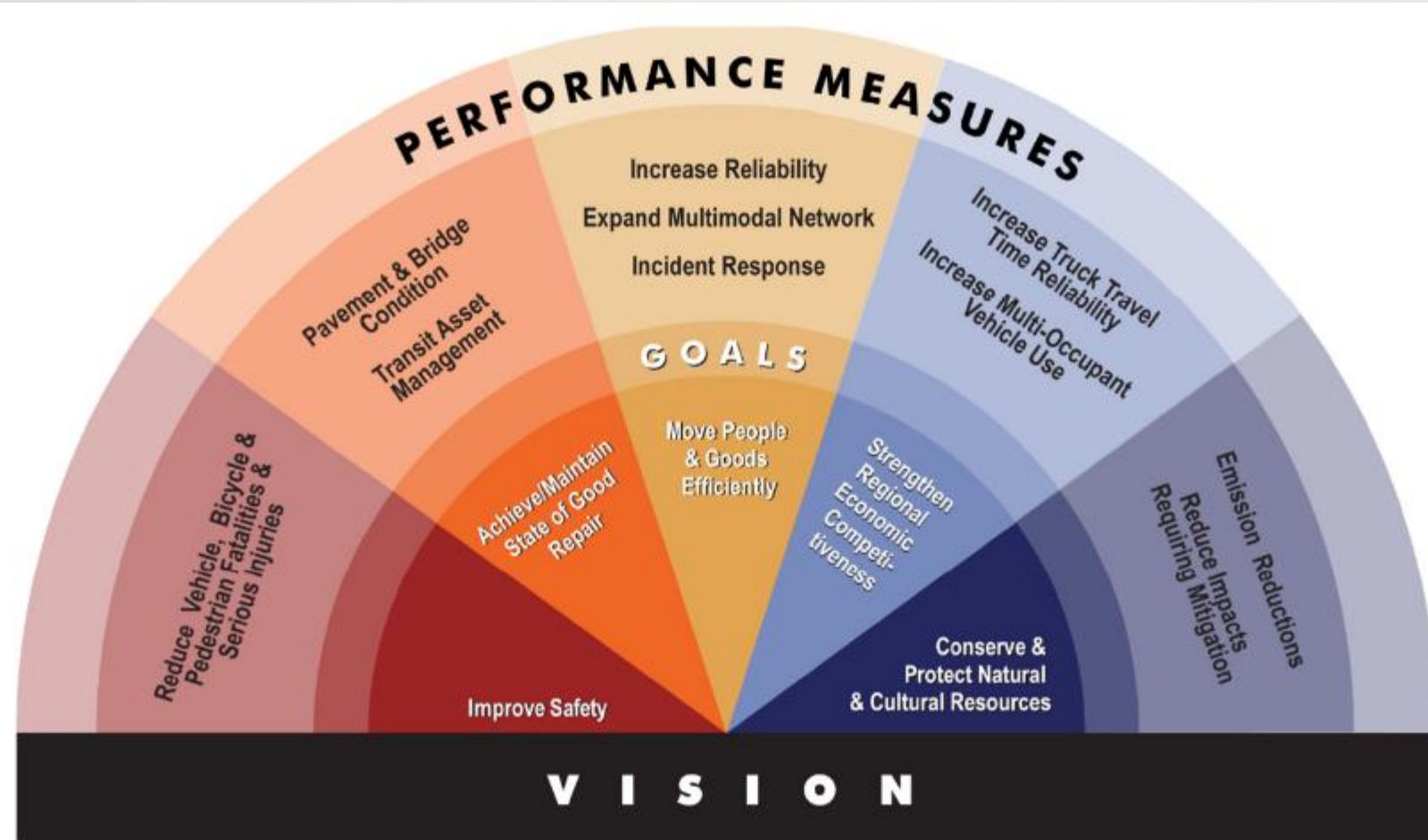
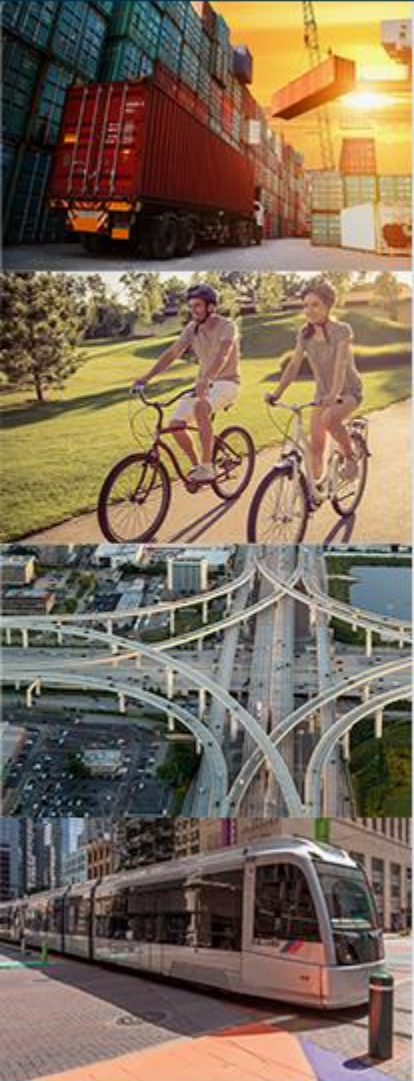


Figure 2-1: 2045 RTP Vision, Goals, and Performance Measures

# Public Input

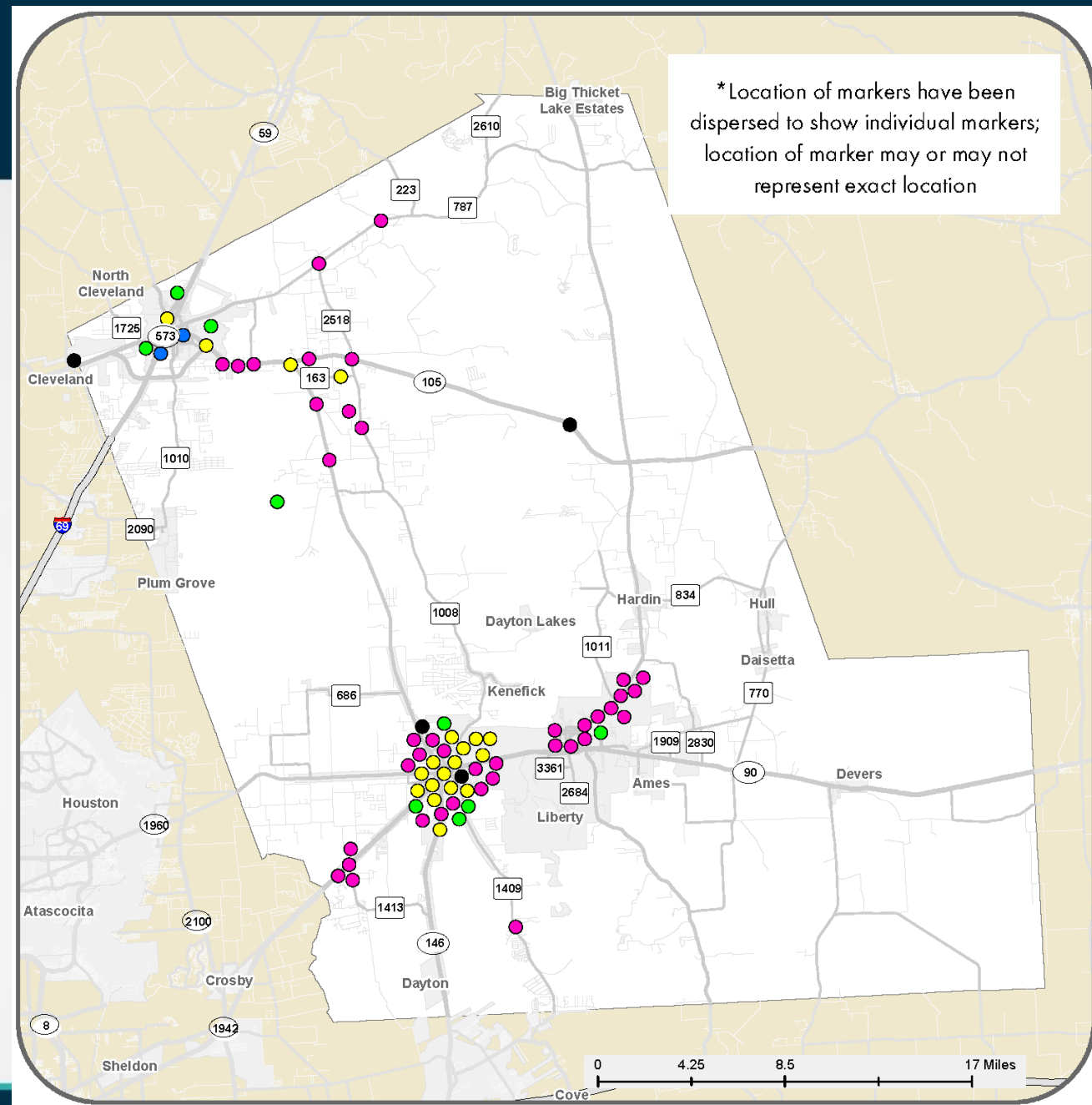
Online involvement from  
March 18 – June 1

- Total visits: 587

Comment Map

- 74 pins placed

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



# Survey

23 participants

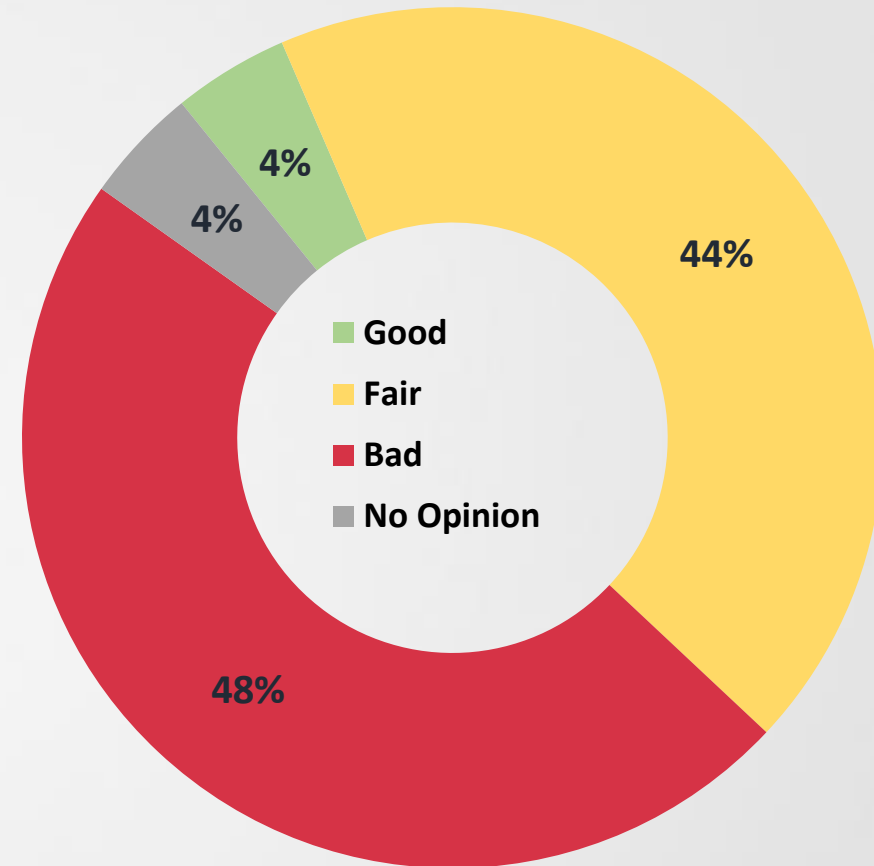
74% lived / worked in Liberty County for 11+ years

## 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



# City Meetings (Cleveland, Dayton, Liberty)

## ■ Key Points

### • Cleveland

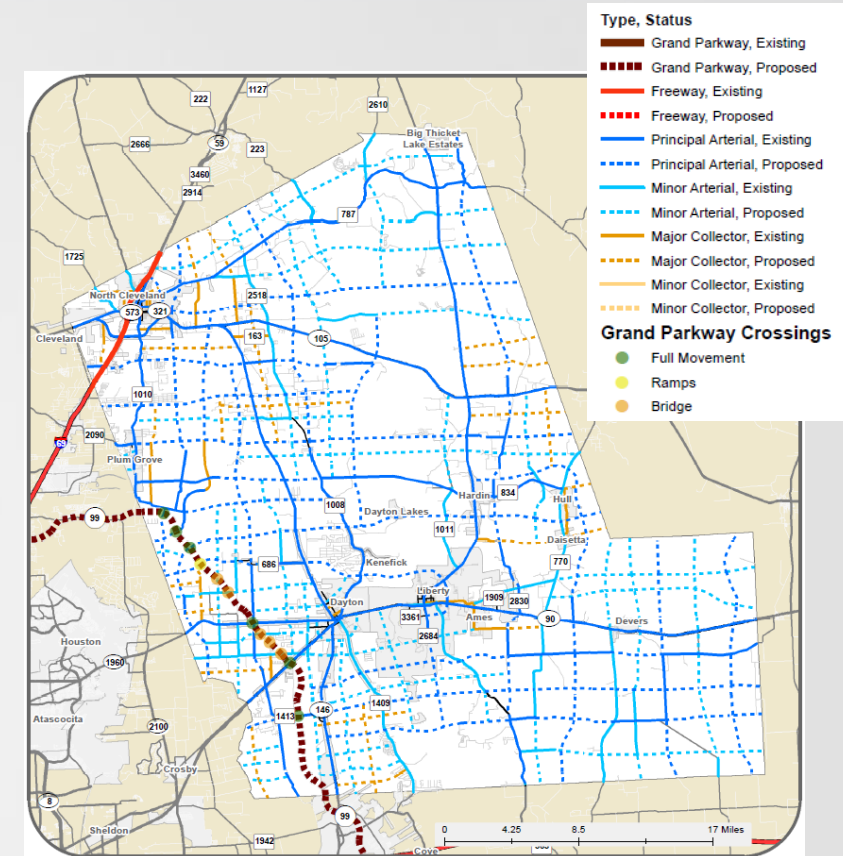
- Thoroughfare to pass through Plum Grove
- Connection from FM 2025 to Washington Avenue
- Railroad Crossing at Hanson is being closed

### • 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

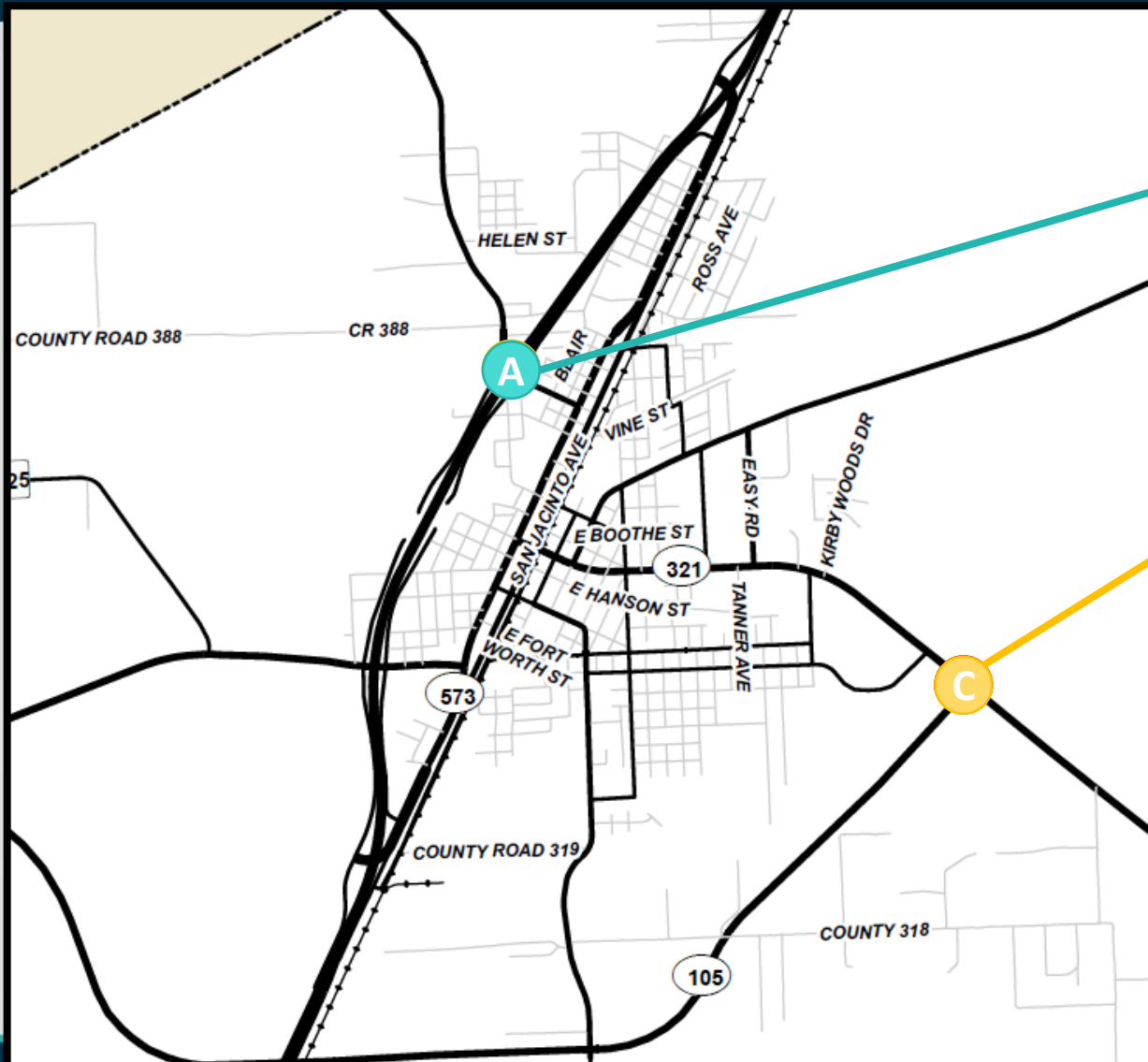




A blue-tinted photograph of a road intersection. The road curves from the bottom left towards the center. Several cars are visible on the road. The background is filled with dense trees and a clear sky. The overall scene is presented in a monochromatic blue color scheme.

# **INTERSECTION PERFORMANCE SUMMARY**

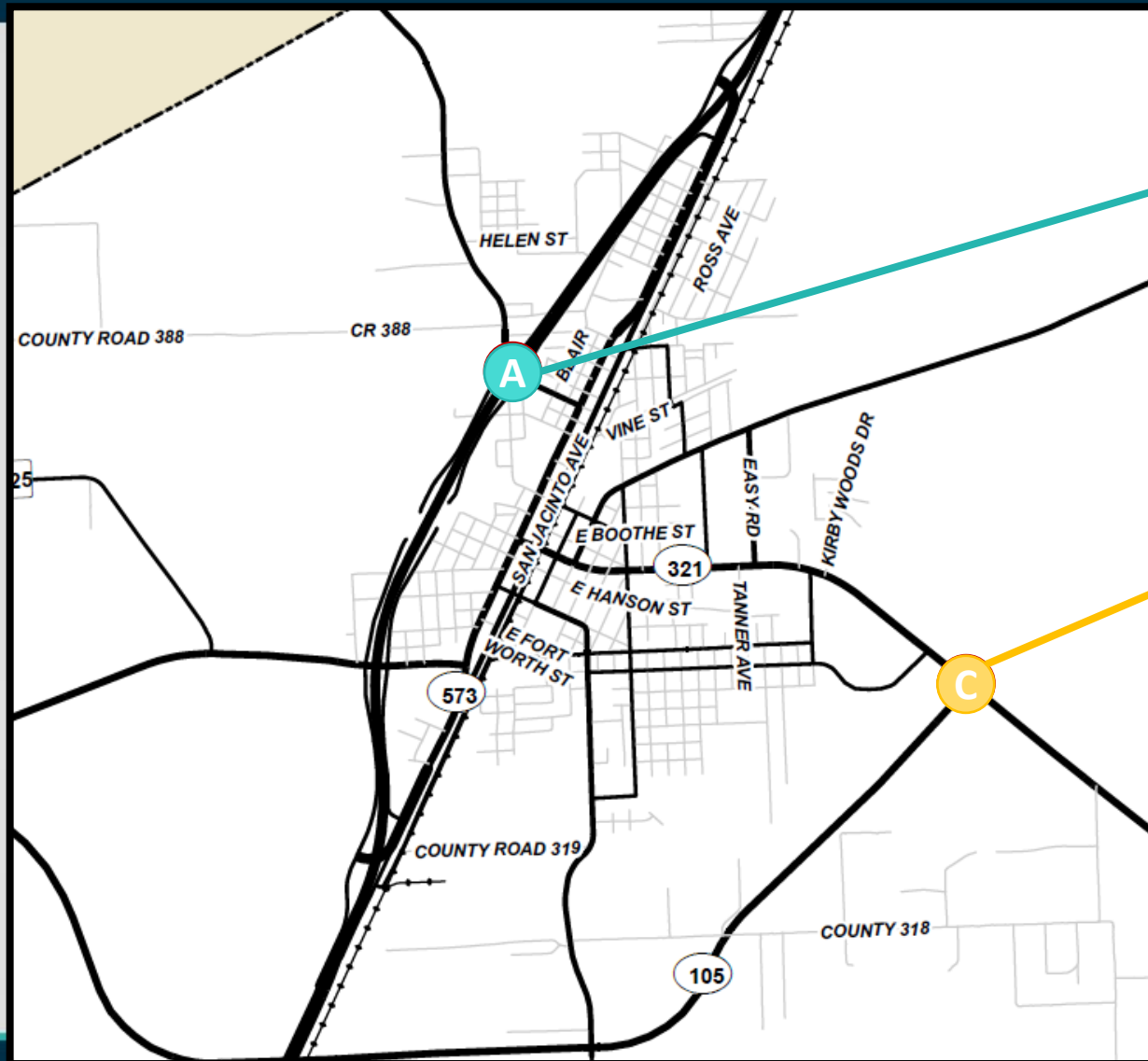
# Intersection Performance (2021)



+ Signalization

+ Install northbound left-turn lane

# Intersection Performance (2045)



- + 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

# Intersection Performance (2021)



- + 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

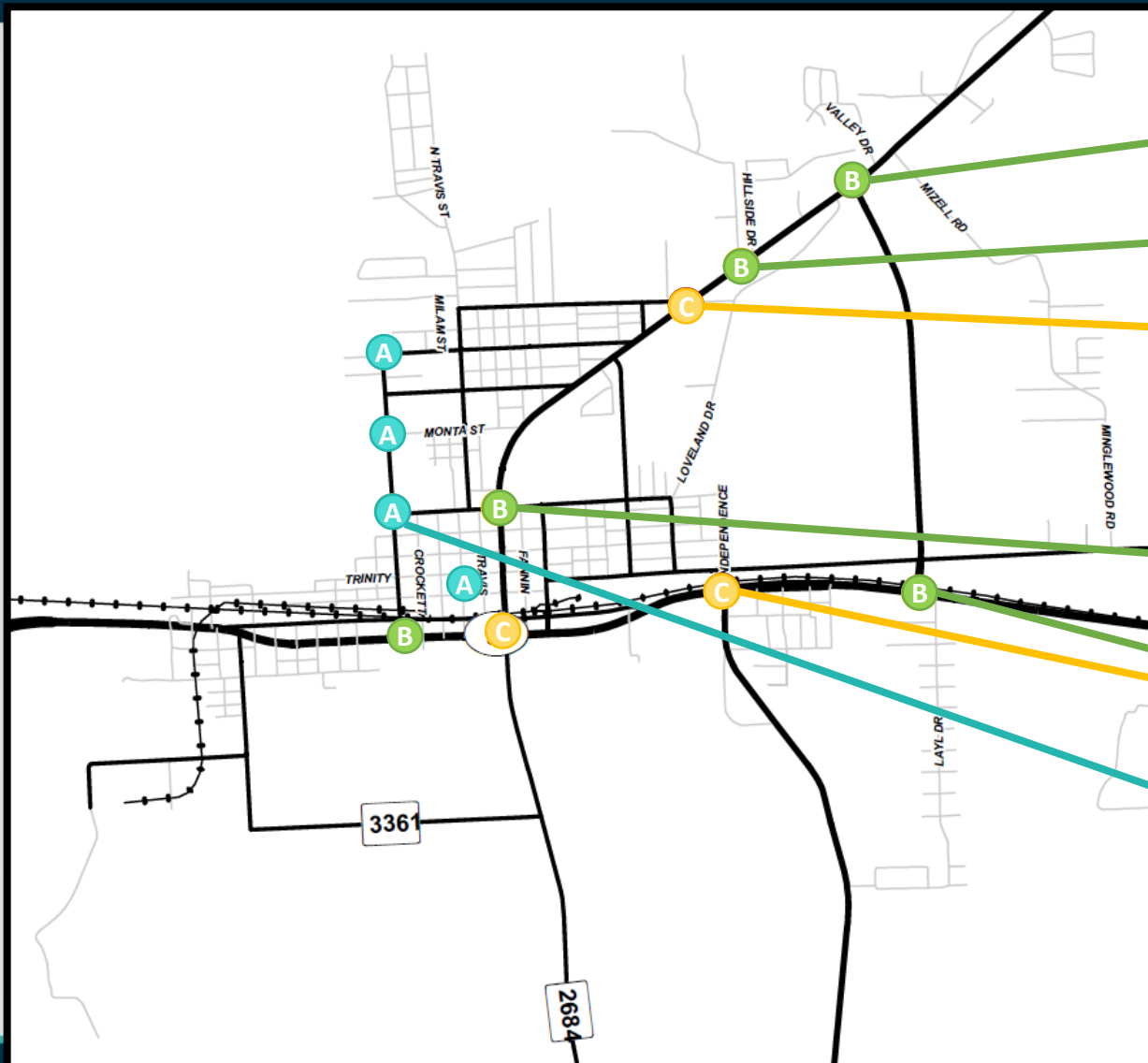
# Intersection Performance (2045)



US 90 Bypass relief for all intersections

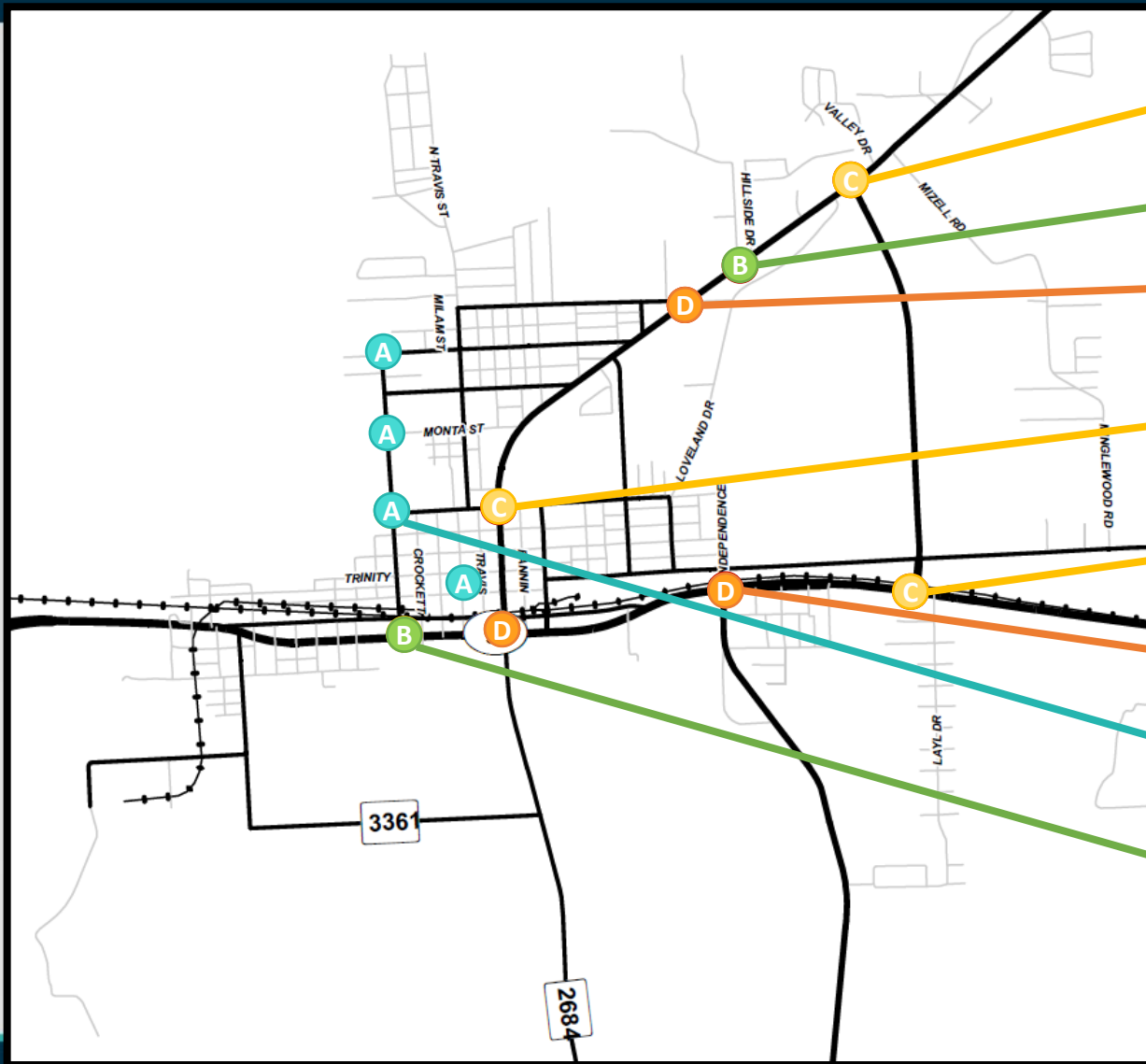
- + Westbound right-turn lane
- + Realign northbound and southbound approaches
- + Eastbound and northbound right-turn lanes
- + Left-turn lanes
- + Eastbound and westbound through lanes
- + Northbound and eastbound right-turn lanes
- + Westbound right-turn lanes

# Intersection Performance (2021)



- 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

# Intersection Performance (2045)



- + 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 cornfield. In the background, a large sculpture of a longhorn cow stands in the field. The text "POLICY / PRACTICES" is overlaid in the center in white, bold, sans-serif font.

**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)

# Next Steps

- Stakeholder Meetings
- Public Meetings
- Steering Committee Meeting
- Draft Report
- Steering Committee Meeting
- Final Report

# Schedule

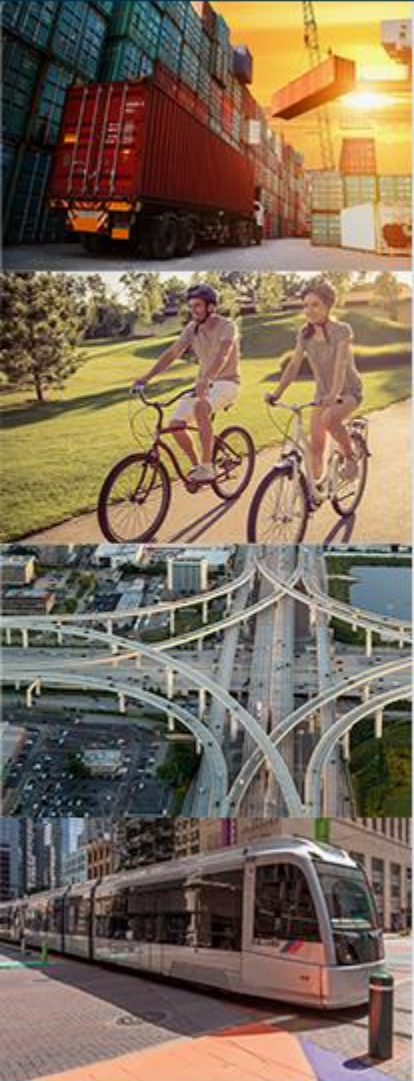
## LIBERTY COUNTY MOBILITY STUDY SCHEDULE

TASK	2020		2021				2022	
	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

# 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)

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