



Liberty County Mobility Study



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Stakeholder Meeting # 2 – April 19 & 21, 2022

Regional Collaboration • Transportation Planning • Multimodal Mobility



Stakeholder Committee Meeting

Agenda:

1. Introductions / Role Call – 5 minutes
2. Project Vision / Goals / Review – 15 minutes
3. Draft Recommendations – 60 minutes
 - Online Tool
4. Next Steps – 10 minutes
 - Public Meetings
 - Steering Committee
 - Draft Report
 - Steering Committee Meeting
 - Final Report



Stakeholders



Business



Transportation



Government



Healthcare



Real Estate/
Developers



Schools



Emergency



Law Enforcement

Stakeholders



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

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

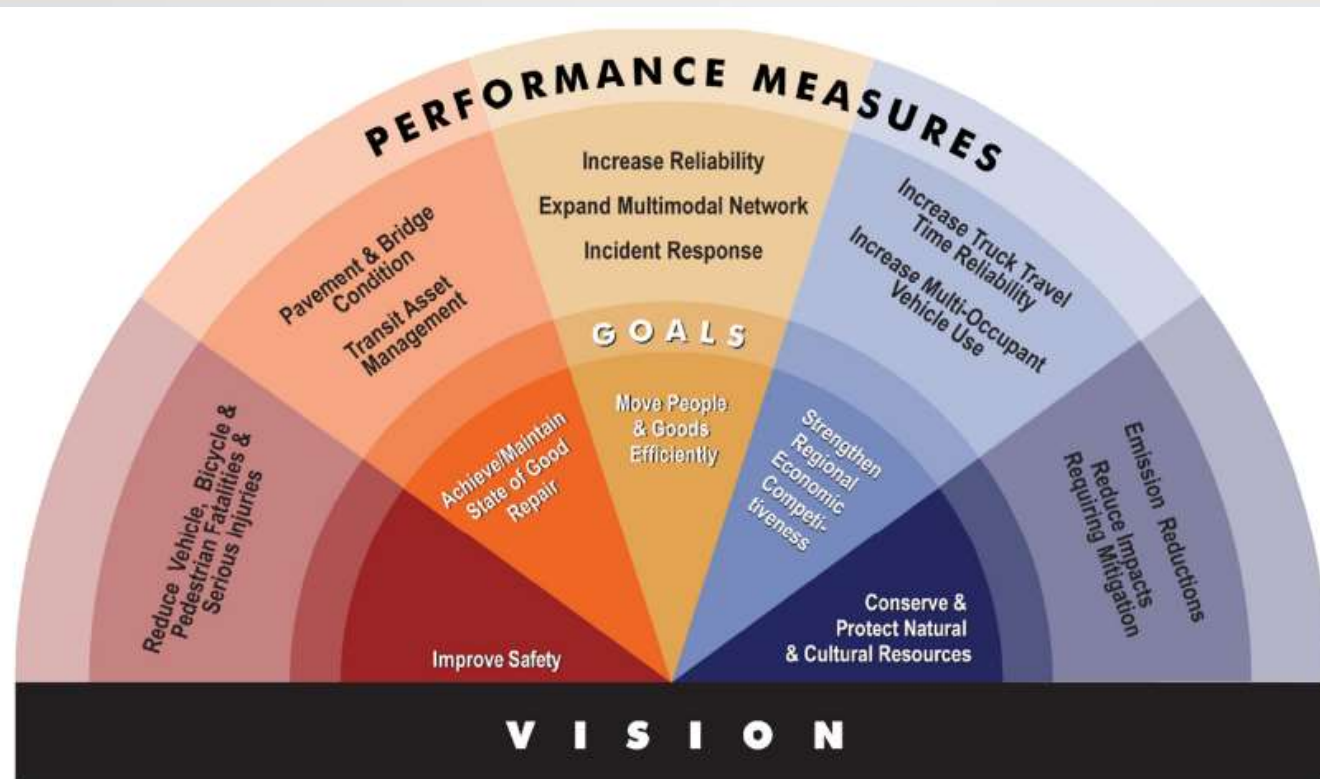


Figure 2-1: 2045 RTP Vision, Goals, and Performance Measures

Public Input

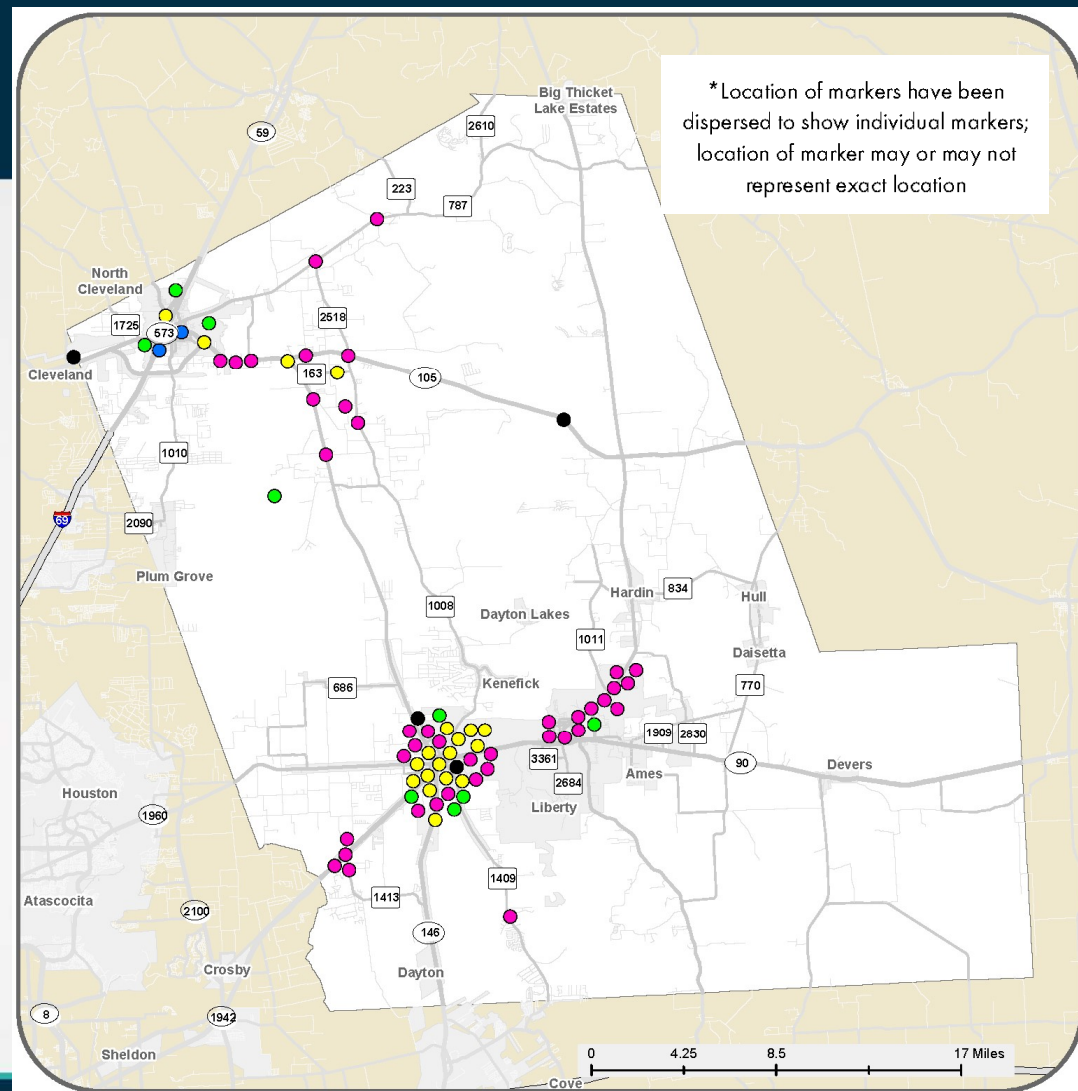
Online involvement from
March 18 – June 1

■ 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

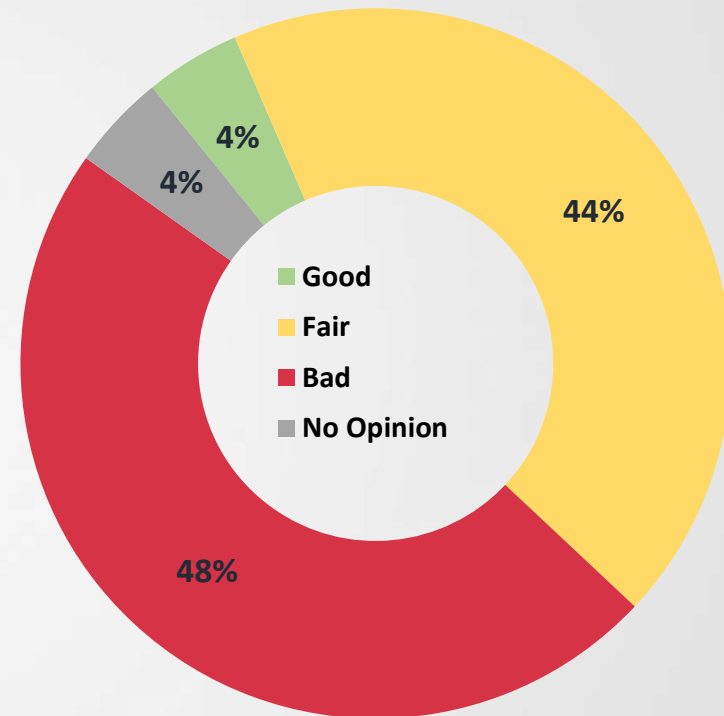
74% lived / worked in Liberty County for 11+ years

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



Municipal Input

Three Meetings:

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



City Meetings (Cleveland, Dayton, Liberty)

■ Key Points

• **Cleveland**

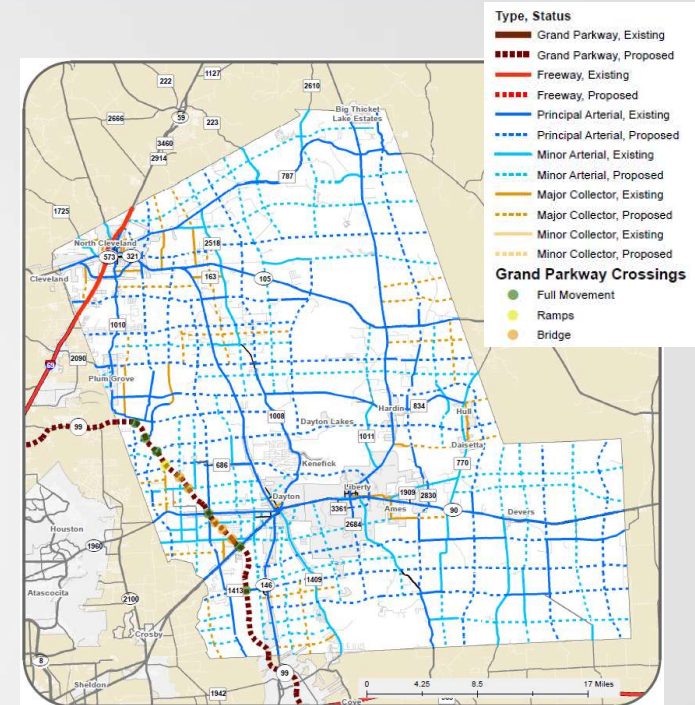
- Thoroughfare to pass through Plum Grove
- Connection from FM 2025 to Washington Avenue
- Railroad Crossing at Hanson is being closed

• **Dayton**

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

• **Liberty**

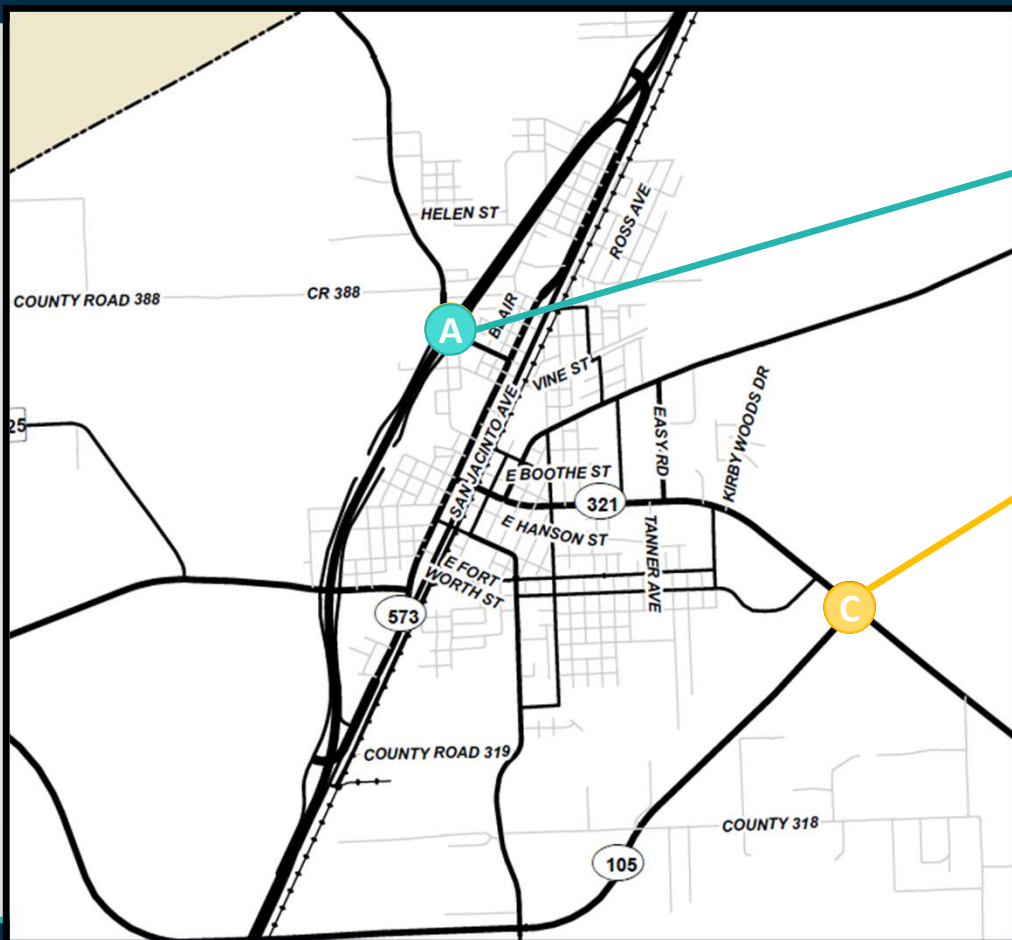
- FM 1011 to connect south
- East-west connection northeast of the City
- East-west connection - Lakeland Drive to SH 146 Bypass



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 hazy sky. The text 'INTERSECTION PERFORMANCE SUMMARY' is overlaid in the center in a bold, white, sans-serif font.

INTERSECTION PERFORMANCE SUMMARY

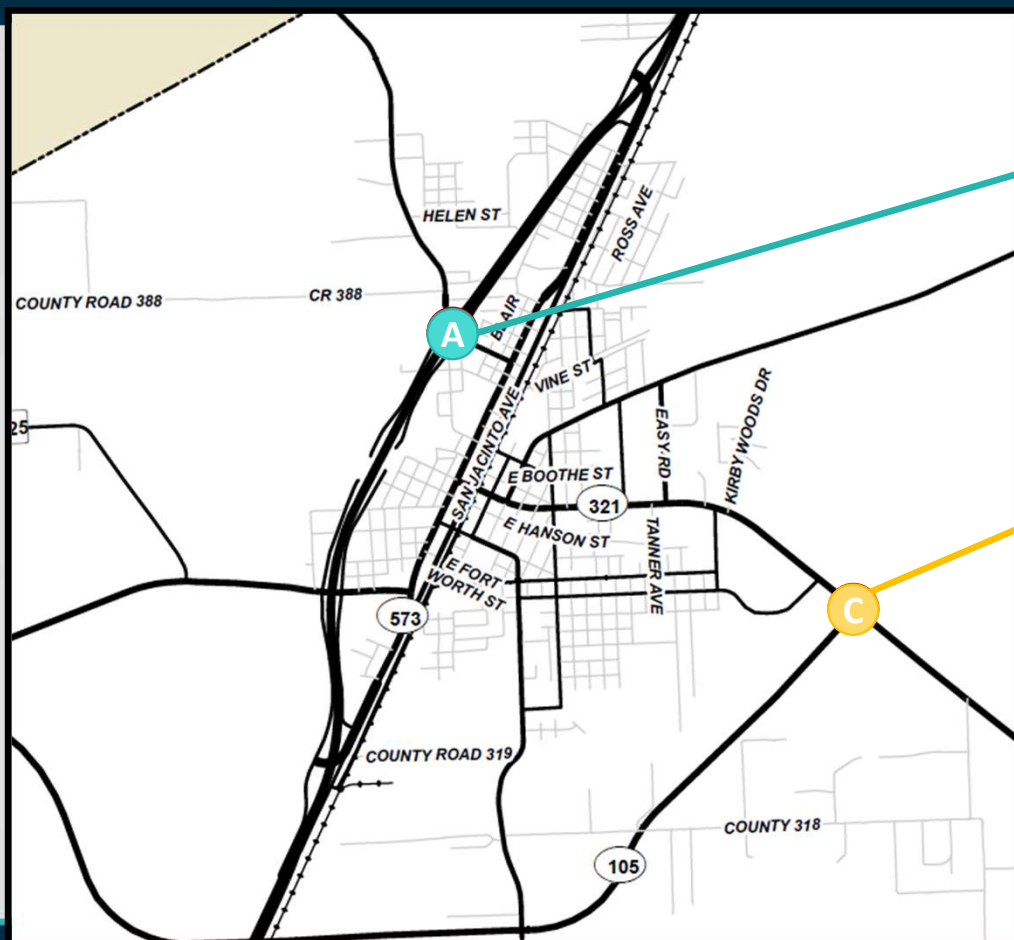
Intersection Performance (2021)



+ 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)



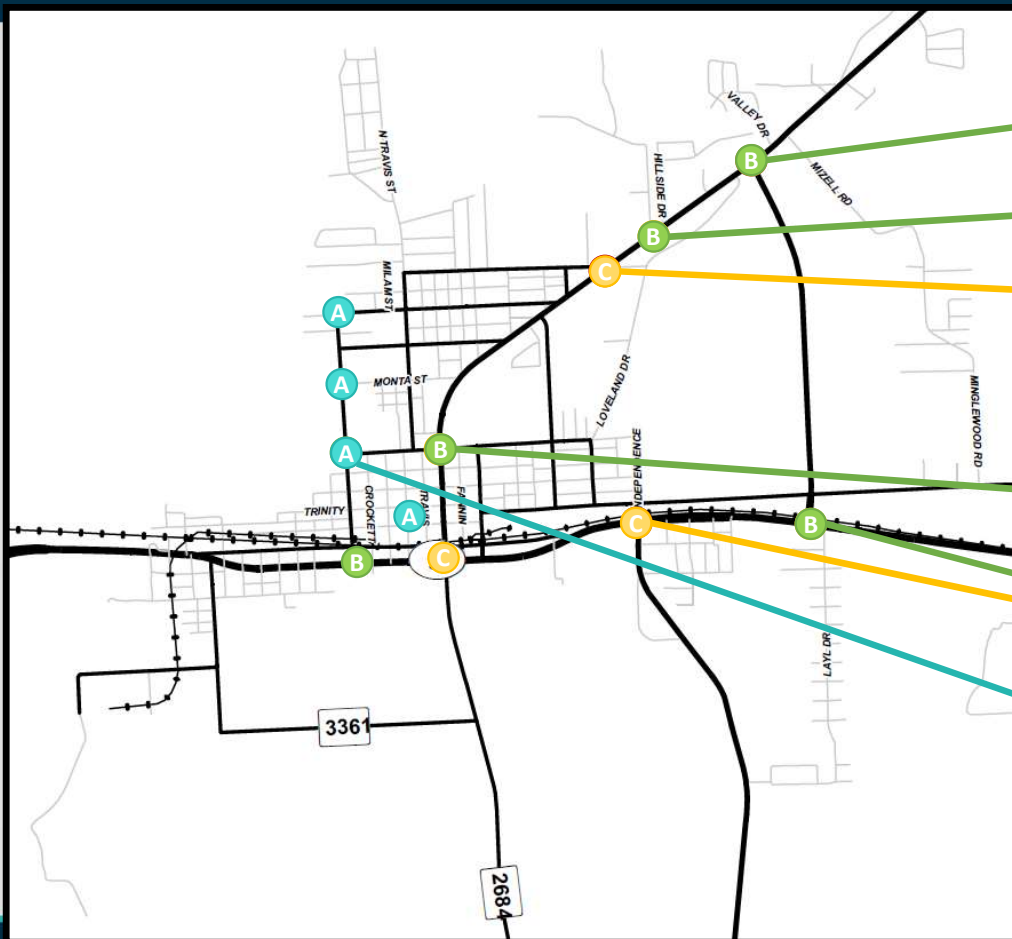
- + Eastbound and westbound through lanes
- + Permitted-protected northbound left-turn lane
- + Signalize
- + Westbound and northbound left-turn lanes
- + Flashing Yellow Arrow
- + Eastbound right-turn lane
- + Signalize
- + Southbound right-turn and left-turn lanes

Intersection Performance (2045)



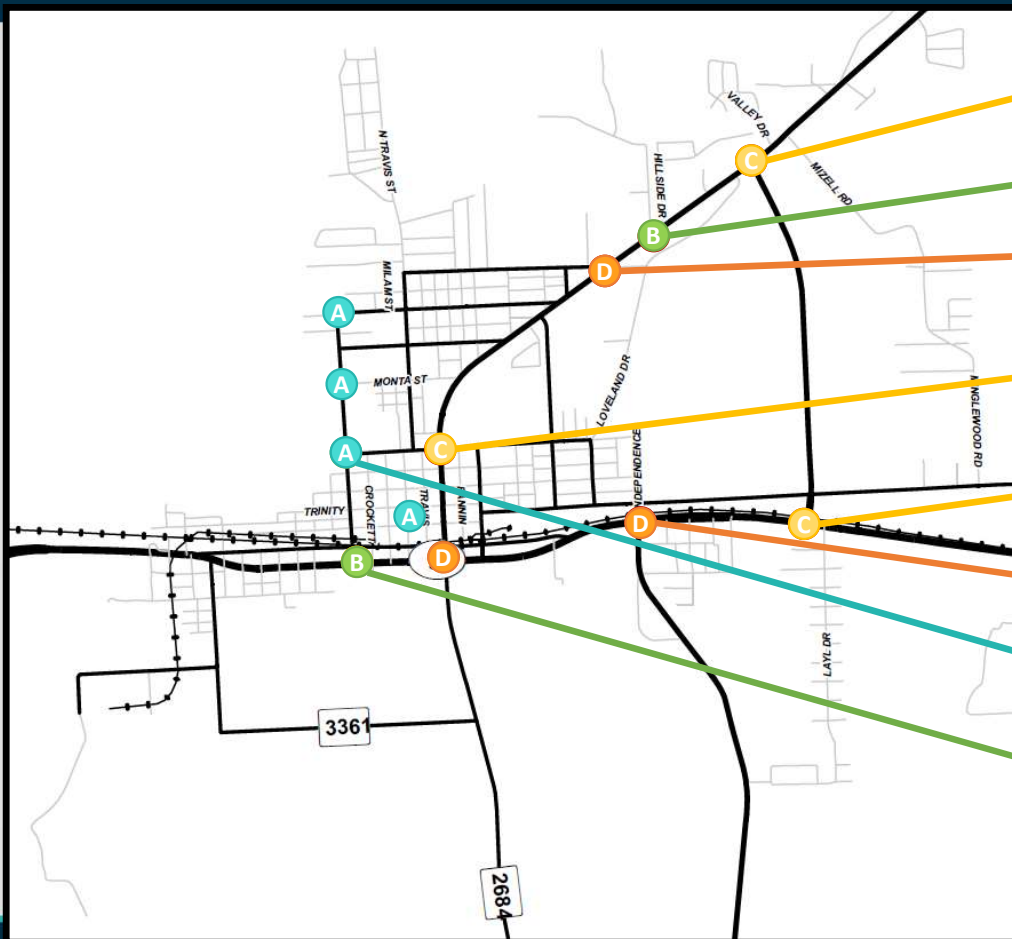
- US 90 Bypass relief for all intersections
- + Westbound right-turn lane
- + Realign northbound and southbound approaches
- + Eastbound and northbound right-turn lanes
- + Left-turn lanes
- + Eastbound and westbound through lanes
- + Northbound and eastbound right-turn lanes
- + Westbound right-turn 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 longhorn sculpture in a field of tall grass. The sculpture is made of a textured material, possibly straw or wood, and has long, curved horns. It stands in a field of tall, thin grasses. The background shows more trees and a clear sky. The text "POLICY / PRACTICES" is overlaid in the center in a bold, white, 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)

Comments Due Back By April 29, 2022

Next Steps

- **Stakeholder Comments Due April 29, 2022**
- Public Meetings (In Person)
 - Cleveland – May 16, 2022
 - Liberty – May 12, 2022
- Steering Committee Meeting
 - Discuss Public Comments
 - Review Improvements
- Draft Report
- H-GAC / Steering Committee Review
- 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

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