I-20 East Texas Corridor Advisory Committee Meeting

Tuesday, February 18, 2014, 1:30 p.m.
Mesquite Arts Center, Mesquite, Texas
FINAL MEETING SUMMARY

Name	Organization
Members Present	
Judge Clay Jenkins	Dallas County
Ray Clark (alternate for Judge Bruce Wood)	Kaufman County
Judge Bill Stoudt (Chair)	Gregg County
Judge Hugh Taylor	Harrison County
Mayor John Monaco	City of Mesquite
Mayor Dr. Carrie Gordon	City of Balch Springs
John Clary (alternate for Mayor Robert Nelson)	City of Lindale
Martin Heines (alternate for Mayor Barbara Bass)	City of Tyler
Michael Morris	NCTCOG
Michael Miles (alternate for Gary C. Thomas)	DART
Linda Ryan Thomas, Director*	NETRMA
Celia Boswell	NETRMA
Heather Nick, Director	Tyler MPO
Karen Owen*	Longview MPO
Members Not Present	
Judge Rhita Koches	Van Zandt County
Judge Joel Baker	Smith County
Mayor Harold Magill	City of Seagoville
Mayor Darren Rozell	City of Forney
Mayor Hal Richards	City of Terrell
Mayor Richard Lawrence	City of Canton
Mayor Jay Dean	City of Longview
Mayor Ed Smith	City of Marshall

**Participated in the meeting via conference call.*
To view the complete meeting sign-in sheets, see Attachment 1.

Purpose:

The purpose of this meeting was to: 1) provide members with an update on the I-20 East Texas Corridor Study progress; 2) discuss public outreach materials provided to members and how to use them; 3) review I-20 corridor analysis completed to date; 4) identify needed improvement projects along the I-20 corridor; and 5) plan for future meetings. A PowerPoint presentation was utilized to provide an overview of aforementioned items during the meeting. The agenda and presentation are included as Attachment 2.

Open House:

The Advisory Committee meeting began with an open house featuring exhibits focusing on the following topics:

- General corridor maps including planned/programmed improvement projects and recorded right of way maps
- Existing and future traffic data, freight traffic data and level of service
- Safety concerns including crash data, pavement conditions, vertical clearances

- Crash hotspot analysis
- Community connections such as overpasses, interchanges and frontage roads
- Interchange analysis maps
- Timeline of proposed activities for the I-20 East Texas Corridor Study
- Forms of public outreach used on other TxDOT projects such as I-69 and My35

The open house also featured three 15-foot corridor maps, breaking the corridor into three sections: west (Dallas and Kaufman counties), central (Van Zandt and Smith counties) and east (Gregg and Harrison counties). Previous comments received from members regarding problem issues were documented on the maps. The maps were also used during the small group activity for members to identify improvement projects needed in their regions on the map.

To view exhibits displayed during the open house, see Attachment 3.

Welcome/Introductions:
Advisory Committee Chairman Judge Bill Stoudt (Gregg County) welcomed attendees to the meeting and thanked Mayor John Monaco for hosting the meeting at the Mesquite Arts Center.

Commissioner Jeff Austin III joined the Advisory Committee meeting via conference call to thank the members for joining and for the work that has been done as part of the I-20 East Texas Corridor Study to date. Commissioner Austin also reminded members that the information gathered from this study would be presented later this year to the Texas Transportation Commission to further the progress of improvements for I-20.

Marc Williams (TxDOT), acting as the Advisory Committee Facilitator, then asked committee members to introduce themselves.

Safety Briefing:
Marc Williams provided a safety briefing for all meeting attendees highlighting evacuation routes from the building and locations of restrooms, fire extinguishers, and tornado shelter areas within the building, as well as considerations when driving in winter weather.

Status of the I-20 East Texas Corridor Study:
Marc Williams reminded members of the objectives-ranking survey that was sent via email to each of the members prior to the meeting and would be discussed later in the meeting. He also offered the survey to anyone who had not had a chance to complete the survey yet.

Marc then gave members a brief update on the progress of the study, highlighted activities that would be taking place during the next few months including the beginnings of public involvement, mentioned the draft document availability in fall 2014, and then be reviewed by the Advisory Committee in November before the legislative session starts in 2015.

Public Outreach Materials:
Susan Howard (TxDOT) gave a brief introduction to the public outreach materials available for the Advisory Committee members to use including talking points, frequently asked questions (FAQs), comment cards, activity forms, fact sheets, community PowerPoint presentation and an Outreach

Guidance sheet offering tips and tricks to use each of the provided tools. Hard copies of all of the materials were given to each of the members to reproduce and share with their constituents and members were informed they would also be receiving digital copies after the meeting via email.

Susan then highlighted some opportunities where public outreach could be conducted for the I-20 East Texas Corridor Study include City council meetings, presentations to service organizations or local groups, and the possibility of including the Corridor Study information on their webpages or social media sites. She also suggested placing printed materials in local libraries or public spaces to provide as many avenues to spread the word as possible. Susan mentioned that any materials members might need that have not already been provided could be produced on an as-needed basis.

Members were informed that the included activity forms should be completed and submitted to Caroline Love (TxDOT) following presentations conducted regarding the I-20 East Texas Corridor Study. Susan mentioned that Aimee Vance (K Strategies) would be following up with the members on a regular basis to answer any questions, provide assistance with public outreach or address any concerns members might have throughout the public outreach process.

Prioritize Committee Objectives:

Members were emailed an online survey to complete prior to the meeting to prioritize the list of objectives developed during the October 2013 meeting. Printed surveys were handed out to members who had not completed the survey prior to attending today's meeting.

Susan Howard then reviewed the results of the 16 completed surveys received both prior to and during the meeting, highlighting the top three priorities for each of the goals set for the I-20 East Texas Corridor Study, as shown below:

Involve local communities

1. Create transportation plans that complement local development plans
2. Outline potential safety impacts to properties along or near the I-20 corridor (e.g. residential, mix use, commercial, etc.)
3. Establish framework for transportation reinvestment zones (TRZs) along I-20 to assist in funding all modes and adopt TRZs locally

Consider current and future multi-modal transportation needs

1. Accommodate all needed forms of transportation using existing I-20 geometry and right of way (ROW)
2. Consider the impact of I-20 planning on Toll 49
3. Consider US 80 and 175 in addition to the I-20 corridor

Improve safety

1. Reconstruct access ramps to current standards
2. Additional lanes in congested areas on I-20
3. Construct one-way service roads to divert traffic in event of I-20 closings

Reduce congestion and enhance mobility for travelers and freight

1. Coordination of improvements where municipalities are updating their infrastructure and

thoroughfare plans to complement this study effort
2. Consider rail hubs as connectors to urban areas
3. Build relationships with passenger service providers including plans for service expansion and diversification

Enhance air quality
1. Construct continuous one-way frontage roads with priority to high volume/high accident areas
2. Create high occupancy lanes (HOL) to alleviate congestion
3. Reduce idling in case of accident or lane closures

Members were asked if there were any results they did not agree with. It was mentioned that planning for the I-69 interchange near Marshall should still be included as part of the goal for considering current and future multimodal transportation needs.

Clarification was made in regards to the missing survey responses from members. All members present at this meeting's surveys were included. Several of the members whose surveys were missing have not participated in any of the Advisory Committee meetings to date. Results of all 16 responses are included in Attachment 4.

Early Successes for I-20 East Texas Corridor:
Michael Morris (NCTCOG) provided handouts to all meeting attendees addressing several early successes of the I-20 East Texas Corridor Study's Advisory Committee. Michael highlighted a variety of methods and strategies that could be used to make progress towards the goals outlined by the Advisory Committee as well as to implement and fund improvements identified by this study along the corridor. The handout is included in Attachment 5.

Developing the I-20 Highway Master Plan:
Michael Sexton (Jacobs) gave members an overview of the information about the I-20 East Texas corridor that has been gathered so far in relation to crash hotspots, right of way, median widths and interchange analysis. He also provided data in reference to the number of obstacles and opportunities for improvement throughout the corridor including interchanges, bridges, on-ramps, off-ramps, overpasses and the location of frontage roads.

Detailed information in regards to crash data was then broken down into further detail regarding fatal and incapacitating crashes, snow and ice-related crashes and overturned vehicle crashes both within the hotspots and throughout the corridor. Michael also showed the members maps of existing right of ways and median widths that would allow for improvement areas.

He then explained the analysis that has been conducted on the on- and off-ramps throughout the corridor. A grading system was applied to each of the ramps showing where each of the ramps fall in accordance with standards. Each ramp was studied both by an aerial camera and also by physically driving each of the ramps to collect vertical clearance information. Members were asked to review the information about the ramps as part of the small group exercise following this presentation and provide information if they disagreed with any of the ratings applied to ramps in their areas.

After Michael's presentation was concluded, a member asked if the study would also be evaluating US

80. Marc Williams emphasized that data on US 80 has not been collected as of yet, but could be included in the future. Another member also mentioned that areas where there is currently no frontage road would be ideal areas to begin studying alternate highway potential.

Small Group Exercise:

Committee members broke into three groups according to their location along the I-20 corridor; specifically, West (Dallas and Kaufman counties), Central (Van Zandt and Smith counties) and East (Gregg and Harrison counties). Susan Howard, Aimee Vance and Roger Beall (TxDOT) served as group facilitators as each of the members left notes on their area maps and wrote notes in relation to comments members had on identifying projects along the corridor based on factors such as capacity needs, safety improvements, economic development needs and multi-modal improvements.

After each of the groups were finished meeting, members were then asked to peruse the other two groups' maps to review or leave comments on the other two sections of the corridor. All of the members then reconvened and each group chose a representative to present their synopsis of issues discussed during the group meetings.

Group One, representing the western section of the corridor, presented first and mentioned themes centered on the following:

- Separate northbound 175 traffic from westbound I-20
- Add an additional lane traveling east at US 80 and I-20 interchange
- Improved signage traveling west at US 80 and I-20
- Add median barriers on Kaufman County side of I-20
- Reconfigure FM 429 and I-20 interchange in Terrell
- Frontage roads at major interchanges like FM 34 and work east/west from there
- US 80 and I-20 are close partners in the western region
- Frontage roads and new access roads should be coordinated with local entities

Group Two, representing the central section of the corridor, present themes centered on the following:

- Focusing specifically on I-20, not US 80
- Potential high speed rail must be along the I-20 corridor to be useful
- Create a multimodal connection near Lindale for rail
- Extend the I-20 intersection for Toll 49 back to Jim Hogg Road
- Plan for future vehicle needs
- Reconstruct access ramps starting at the Smith County line and into Van Zandt County
- Create frontage roads between Toll 49 and 271
- Evaluate interchange at 859 and I-20 in Canton

Group Three, representing the eastern section of the corridor, presented themes centered on the following:

- Ramps in Gregg County at Highway 31, 42 and 135
- Additional lanes in Longview area
- Integrated traffic management in highest traffic areas are all in flood plains, should use US 80 as part of that plan instead of frontage roads or additional lanes
- Additional lanes at I-20 and Highway 59 in Harrison County to allow for better access to

Highway 43
- Additional lanes along I-20 at major intersections through both Harrison and Gregg counties
- Increased connectivity in relation to Toll 49, I-69/369 and into Loop 390

Future Meetings:
Marc Williams thanked members for their participation in the Advisory Committee meetings and activities, aiding the study team create the finalized report over the next few months. He then discussed that the next Advisory Committee meeting in April 2014 would be a conference call to update members on progress of the study and to allow them to provide feedback on their public outreach efforts. The next in-person meeting will be held in May to reconvene and discuss the outcomes of public outreach efforts as well as present members with initial project recommendations.

The meeting was then adjourned.

Action Items:
- Send digital copies of public outreach materials to members
- Schedule April conference call meeting
- Check on members' progress on public outreach efforts regularly

Attachments:
1. Advisory Committee Sign-In Sheets
2. Meeting Agenda and Presentation
3. Open House Exhibits
4. Objectives Prioritization Survey Responses
5. Early Successes for IH 20 East Texas Corridor

Meeting Staff:
Marc Williams, Caroline Love, Susan Howard, Roger Beall, Cary Karnstadt, Lindsey Kimmitt and Peggy Thurin (TxDOT)
Michael Sexton, Nishant Kukadia, Chris Lazaro and Nair Barrios (Jacobs)
Aimee Vance and Jenny Paredes (K Strategies)

Attachment 1

Advisory Committee Meeting Sign-In Sheets

I-20 East Texas Corridor Study
Advisory Committee Meeting

Attending	Member Name		Representing	Alternate (Print Name)	Signature
	Joel	Baker	Smith County		
✓	Celia	Boswell	NETRMA		Celia Boswell
✓	Jay	Dean	City of Longview		
✓	Dr. Carrie	Gordon	City of Balch Springs		Carrie F Gordon
✓	Martin	Heines	City of Tyler		
✓	Clay	Jenkins	Dallas County		
	Rhita	Koches	Van Zandt County		
	Richard W.	Lawrence	City of Canton		
	Harold	Magill	City of Seagoville		
✓	Mark	McDaniel	Tyler MPO		
✓	John	Monaco	City of Mesquite	John Monaco	John Monaco
✓	Michael	Morris	NCTCOG MPO	Michael Morris	MICHAEL MORRIS
✓	Robert	Nelson	City of Lindale	John Clary	
✓	Heather	Nick	Tyler MPO	Heather Nick	—
*	Karen	Owen	Longview MPO		
	Hal	Richards	City of Terrell		
	Darren	Rozell	City of Forney		
*	Linda	Ryan Thomas	NETRMA		
	Ed	Smith	City of Marshall		
✓	Bill	Stoudt (Chair)	Gregg County	Bill Stoudt	BILL STOUDT
✓	Hugh	Taylor	Harrison County	Hugh Taylor	
✓	Gary C.	Thomas	DART	MICHAEL MILES	
✓	Bruce	Wood	Kaufman County	Jay Chen	

*** denotes present on conference call**

Mesquite, TX

February 18, 2014

I-20 East Texas Corridor Study
Advisory Committee Meeting
General Sign-In

Name	Representing	Email
NISHANT KUKADIA	JACOBS ENGINEERING	NISHANT.KUKADIA@JACOBS.COM
Chris Lazaro	Jacobs	Christopher.Lazaro@jacobs.com
CAROLINE MAYS	TXDOT - TPP	CAROLINE.MAYS@TXDOT.GOV
ERIK STEAVENS	TxDOT RRD	erik.steavens@txdot.gov
RAY CLARK	KAUFMAN County	RAY.CLARK@KAUFMANcounty.net
KELIN FELDT	NCTCOG	KFELDT@NCTCOG.ORG
HAL STANFORD	TXDOT	hal.stanford@txdot.gov
Nair Barrios	Jacobs Engineering	nair.barrios@jacobs.com
Peggy Thurin	TxDOT	peggy.thurin@txdot.gov
Lindsey Kimmitt	TxDOT ENV	lindsey.kimmitt@txdot.gov
ROGER BRALL	TXDOT - TPP	roger.hall@txdot.gov
Cary KARNSTADT	TX DOT - TP&P	
Susan Howard	TXDOT - OPI	susan.howard@txdot.gov
Brett Huntsman	Longview MPO	bhuntsman@longviewtexas.gov
Michelle S. Raglon	TX DOT PIO	michelle.raglon@txdot.gov

I-20 East Texas Corridor Study
Advisory Committee Meeting
General Sign-In

Name	Representing	Email
John Clary	City of Lindale	john@lindaletexas.com
Jerry Dittman	City of Mesquite	jdittman@cityofmesquite.com
Bill Hale	TxDOT (DALLAS)	Bill.Hale@TxDOT.gov
Stephen Endres	" "	stephen.Endres@TxDOT.gov
~~MARK MCDANIEL~~	~~CITY OF TYLER~~	
~~MARTIN HEIN~~		
John Hedrick	ETCOG - E.T. RPO	john.hedrick@etcog.org
Chris Dyser	cdyser@cityofbalchsprings.com	City of Balch springs
Charles Fenner	cfenner@cityofbalchsprings.com	"
Lauren Trimble	Dallas County	
Chris Dyser	Balch Springs cdyser@cityofbalchsprings.com	cdyser@cityofbalchsprings.com
* Commissioner Jeff Austin III	TxDOT	
* Deanne Simmons	TxDOT	
Aimee Vance	K Strategies	avance@kstrategies.com
Jenny Paredes	K Strategies	jparedes@kstrategies.com

I-20 East Texas Corridor Study
Advisory Committee Meeting
General Sign-In

Name	Representing	Email
Michael Sexton	Jacobs	

Attachment 2

Meeting Agenda and Presentation

I-20 East Texas Corridor Advisory Committee

Tuesday, February 18, 2014, 1:00 PM – 4:30 PM

Mesquite Arts Center Rehearsal Hall

1527 N. Galloway Avenue, Mesquite, Texas 75149

Call-in: 866-637-1408 **Conference Code**: 312 746 6422#

Webex: https://jacobs.webex.com/jacobs/j.php?J=639327501&PW=NZjA3NjQ4MzEw

Meeting #4 - Agenda

1:00 – 1:30 PM	Registration & Open House	
1:30 – 1:50 PM	Welcome & Introductions	Judge Bill Stoudt, Gregg County
	Safety Briefing	Marc Williams, TxDOT
	Status of the I-20 East Texas Corridor Study	
1:50 – 2:15 PM	*Public Outreach Discussion*	Susan Howard, TxDOT
	Review of Outreach Materials and Comments	
	Open Committee Discussion about Needs, Outreach Efforts, and Current Public Comments	
2:15 – 3:00 PM	Prioritize Committee Objectives	Susan Howard, TxDOT
3:00 – 3:10 PM	Break	
3:10 – 4:20 PM	*Developing the I-20 Highway Master Plan*	Michael Sexton, Jacobs
	I-20 Corridor Characteristics	
	Committee input into Preliminary Improvement Possibilities and Prioritization Factors	

Group 1 – West (Dallas and Kaufman Counties) – Roger and Nishant
Group 2 – Central (Van Zandt and Smith Counties) – Aimee and Nair
Group 3 – East (Gregg and Harrison Counties) – Susan and Chris

Question to address during the small group session:

Identify projects (with location and extent) along the corridor based on factors like capacity needs, safety improvements, economic development needs, and multi-modal improvements. Examples include ramp reconfiguration, adding safety barriers, new/reconstruct interchange, add/improve frontage roads, add main lanes, add passenger service, provide/improve connection to multi-modal/distribution centers.

3:55 PM	Members to provide input on the two other groups.
4:05 PM	Report out from a member of each group

4:20 – 4:30 PM	Closing Comments/Next Meeting	Judge Stoudt
4:30 PM	Adjourn	

TEXAS DEPARTMENT OF TRANSPORTATION

I-20 EAST TEXAS CORRIDOR ADVISORY COMMITTEE

Meeting #4

February 18, 2014

Winter Driving Safety Tips

- Reduce speed. Speed limits are based on normal road and weather conditions, not winter road conditions
- Maintain at least three times the normal following distance on snow or ice
- Watch carefully for snow removal equipment and stay at least 200 feet back if you are behind a snow plow
- Use extra caution on bridges, ramps, overpasses and shaded areas as they tend to freeze first
- If you start to slide, ease off the gas pedal or brakes. Steer into the direction of the skid until you feel you have regained traction then straighten your vehicle

Source: http://www.txdot.gov/driver/weather/winter-driving.html

Status of the I-20 East Texas Corridor Study

We are here:

July 2013 ★

- Advisory Committee Kick-off & Study Introduction

October 2013 ★

- Develop Objectives
- Identify/Review Constraints, Features, Concerns & Future Considerations
- Discuss Public Outreach Tools

January 2014 ★

- Discuss Transportation Reinvestment Zone (TRZ) Considerations
- Review & Finalize Public Outreach Tools

February 2014 ★

- Prioritize Goals and Objectives
- Identify Potential Projects
- Members begin Initial Public Outreach

April 2014 ★

- Members Continue Initial Public Outreach
- Conference Call to update on Outreach Activities

May 2014 ★

- Members Complete Initial Public Outreach
- Evaluate & Prioritize Projects
- Review Summary of Public Input

August 2014 ★

- Review Draft Corridor Plan
- Prepare for Draft Corridor Plan Public Outreach

Sept.-Oct. 2014

- Hold Open House(s)

November 2014 ★

- Review Public Input Received at Open House(s)
- Finalize Corridor Plan

December 2014 ★

- Presentation to Commission
- Members help spread the word that a Final Corridor Plan is available on the website

★ Indicates Committee Meeting

Public Outreach Discussion

- Public Outreach Materials
  - Fact Sheet
  - Talking Points
  - Frequently Asked Questions
  - Community Presentation
  - Activity Form
  - Comment Card
  - Social Media Outreach

I-20 East Texas Corridor Study – Public Outreach Guidance

The Texas Department of Transportation considers local input to be a critical part of this planning process. The table below offers a list of public involvement tools, their purpose, the most appropriate audience(s), suggested contacts and some additional tips for effective use of the tools.

These tools will be available on the TxDOT project webpage. The project team also stands ready to assist you with your public outreach efforts, questions and any encountered challenges.

Tool	Purpose	Audience	Where to go for Assistance	Tips
Community PowerPoint Presentations "I-20 East Texas Corridor Study"	Offers a standard message of the reasons behind, and facts surrounding, the study as well as a list of those involved and a timeline for the future.	• Chambers of Commerce • Social organizations (Rotary, Lions, etc.) • Regular civic meetings (county, city, MPO, school/library board, etc.) • Neighborhood groups • Media	Contact the administrator/ secretary of the organization and ask to be placed on an upcoming agenda.	• Excellent tool to open the two-way dialogue with the public. • Be sure technology needs for presentation are taken care of in advance of the meeting. • Provide Fact Sheet as a handout. • The primary goal is to inform stakeholders about the project. • A secondary goal is to answer questions/address concerns and encourage input.
FAQs	Offers answers to commonly asked questions and emphasizes the importance of public involvement. Printed for easy distribution at meetings, events, bulletin boards and reception areas.	• Participants at open houses/public meetings • Attendees of civic meetings/neighborhood groups • Online audiences • Libraries, municipal lobbies/reception areas • Churches, local business bulletin boards • Media	• Reprint as needed or contact the project team for additional copies. • Seek permission to post on private bulletin boards.	• Effective tool for starting a dialogue about the project and in recruiting public input through various avenues (public meetings, online). • In a public or meeting setting, best used as a complement to other public outreach tools.

1

- Public Outreach Opportunities

Committee Goals and Objectives

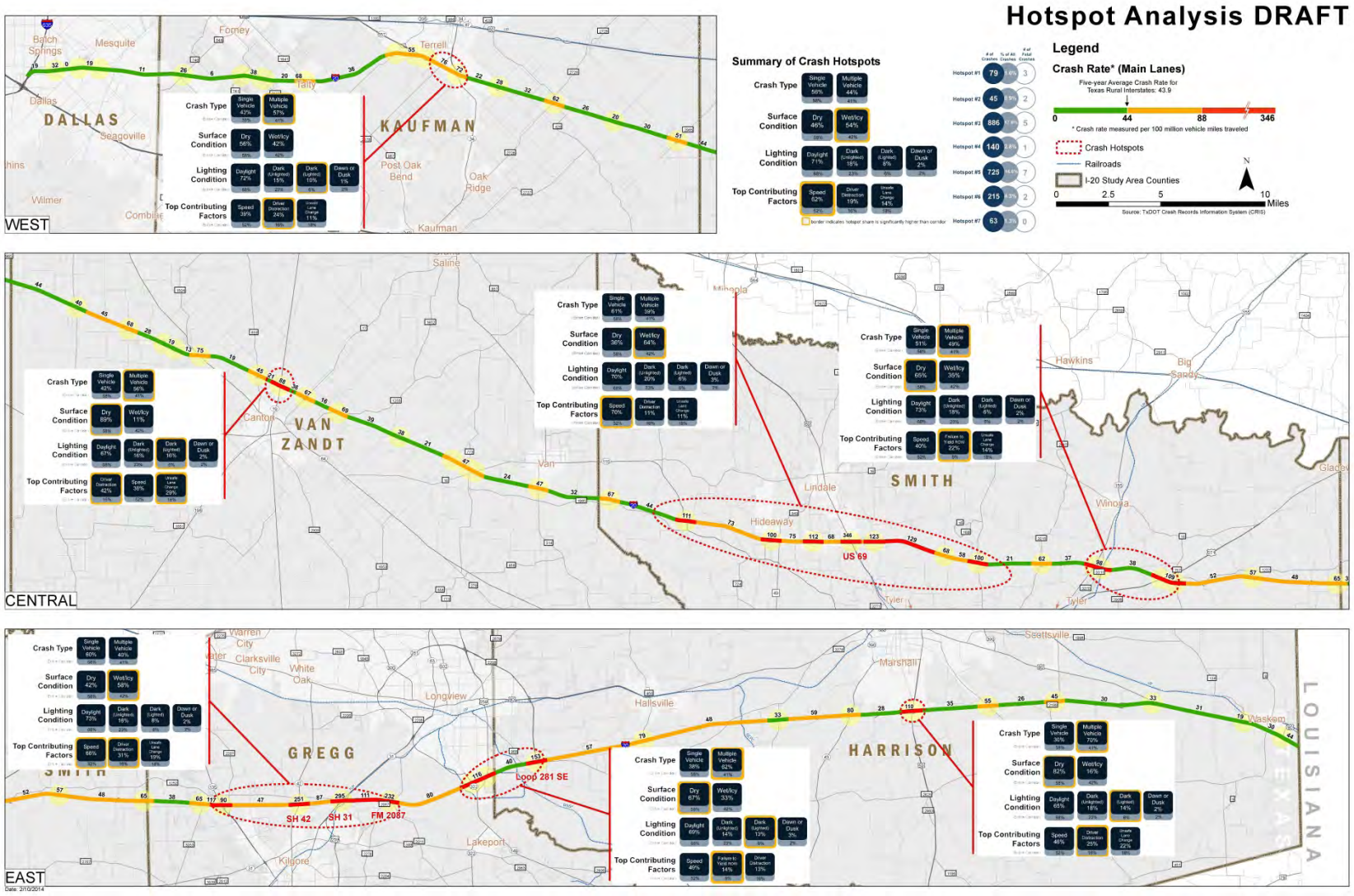
Goals:

1. Involve Local Communities
2. Consider Current and Future Multimodal Transportation Needs
3. Improve Safety
4. Reduce Congestion and Enhance Mobility for Travelers and Freight
5. Enhance Air Quality

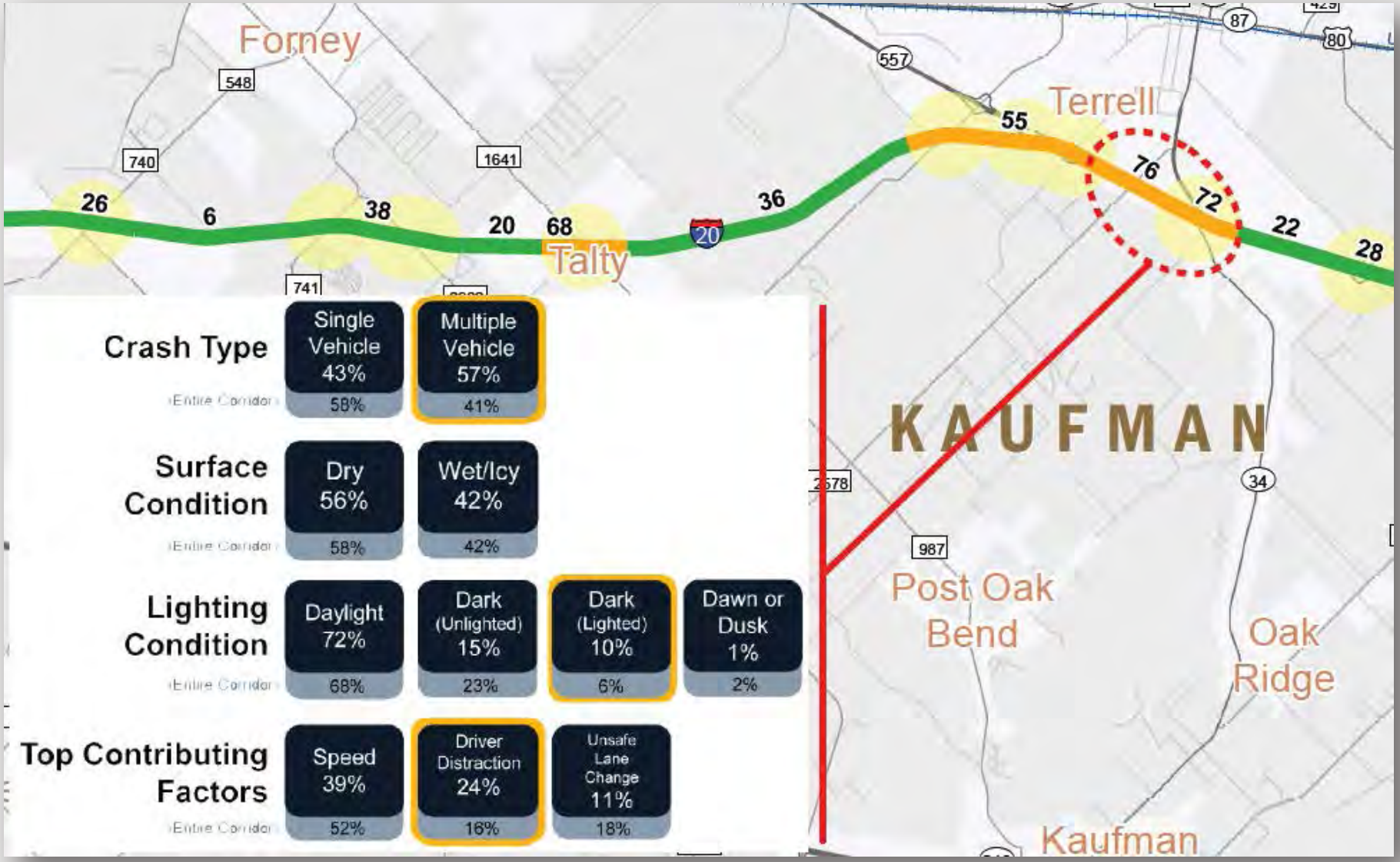
Discussion of the Survey Results

Developing the I-20 Highway Master Plan

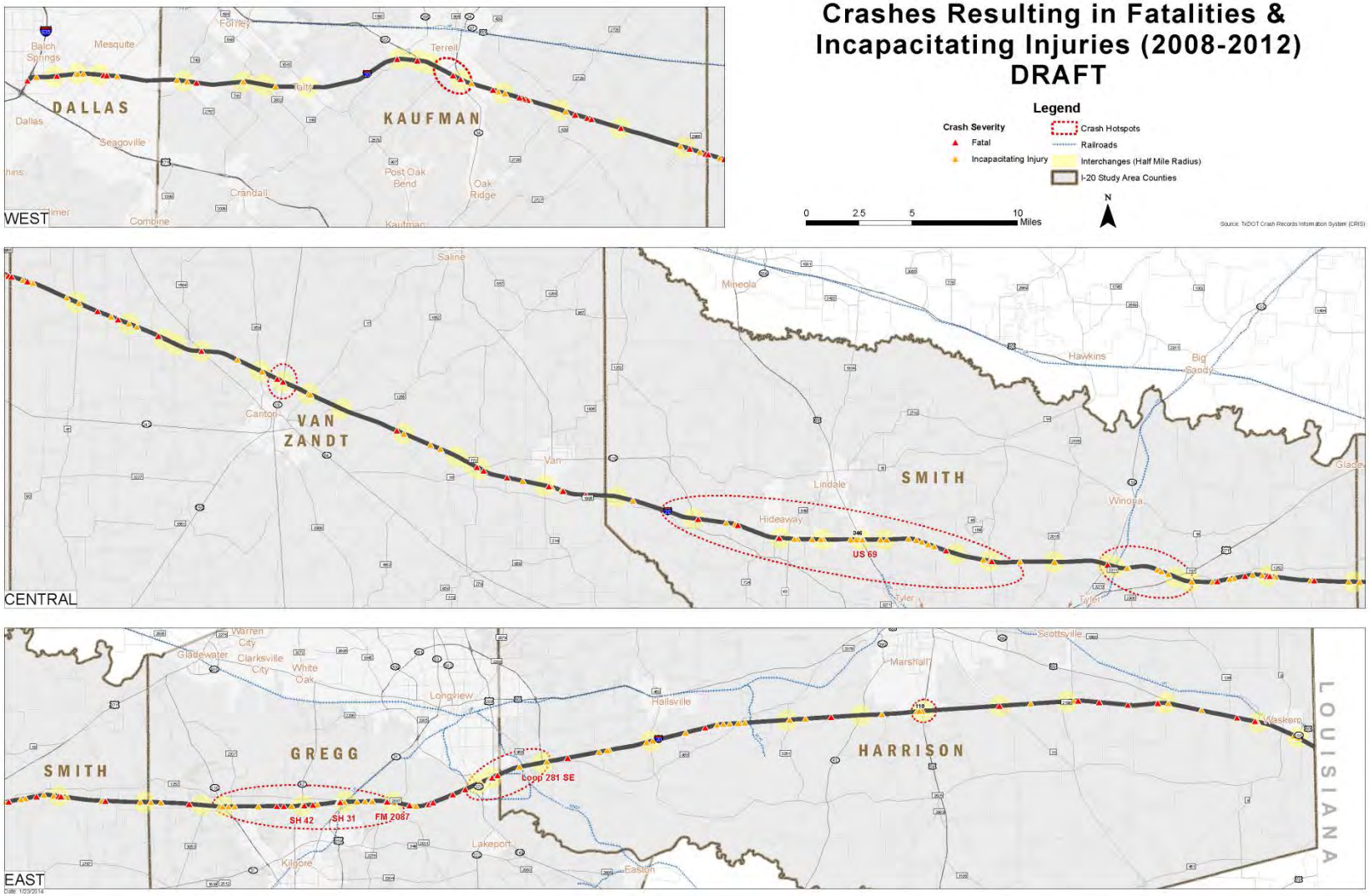
I-20 Corridor – Crash Hotspot Analysis



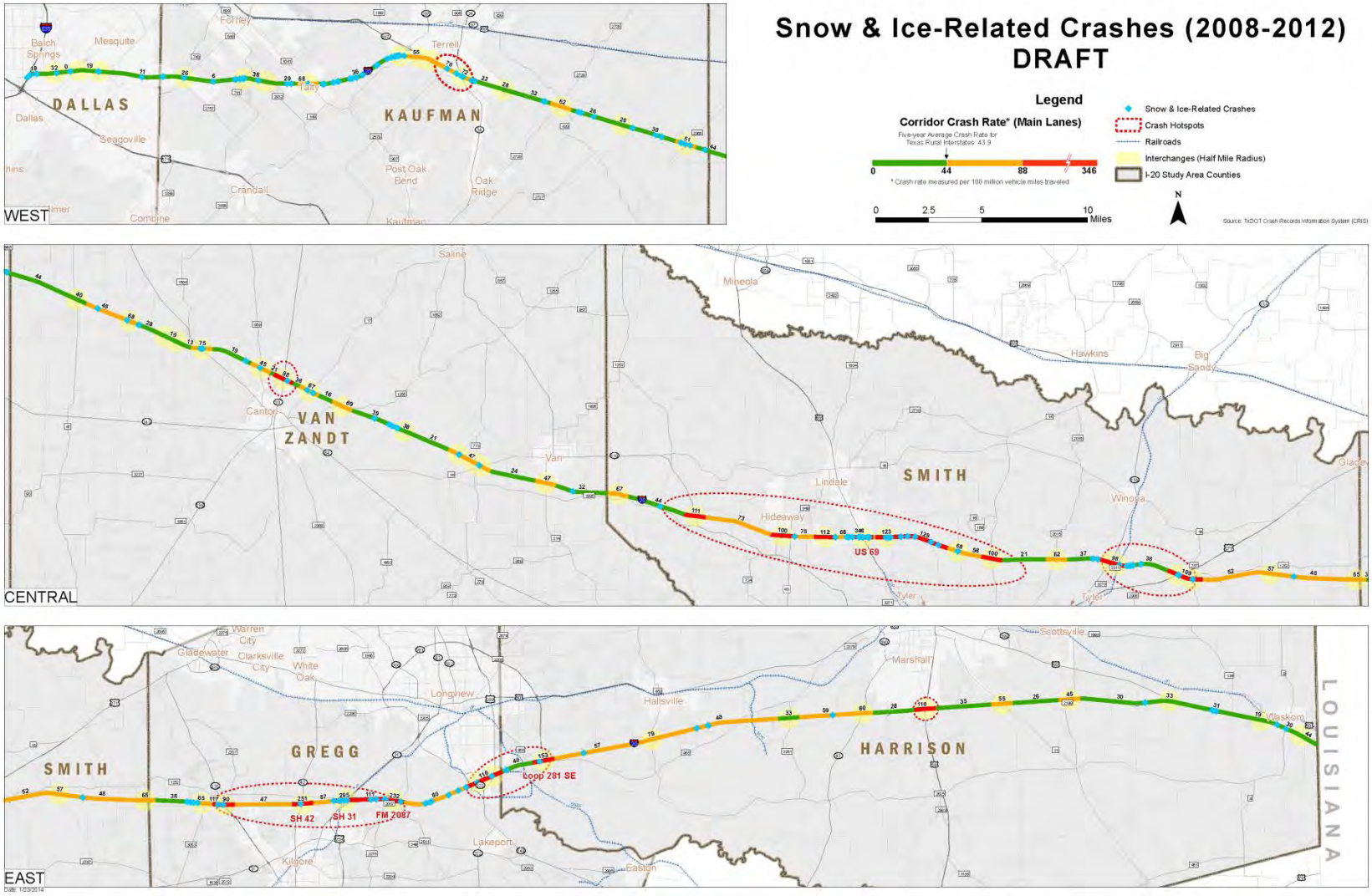
I-20 Corridor – Crash Hotspot Analysis



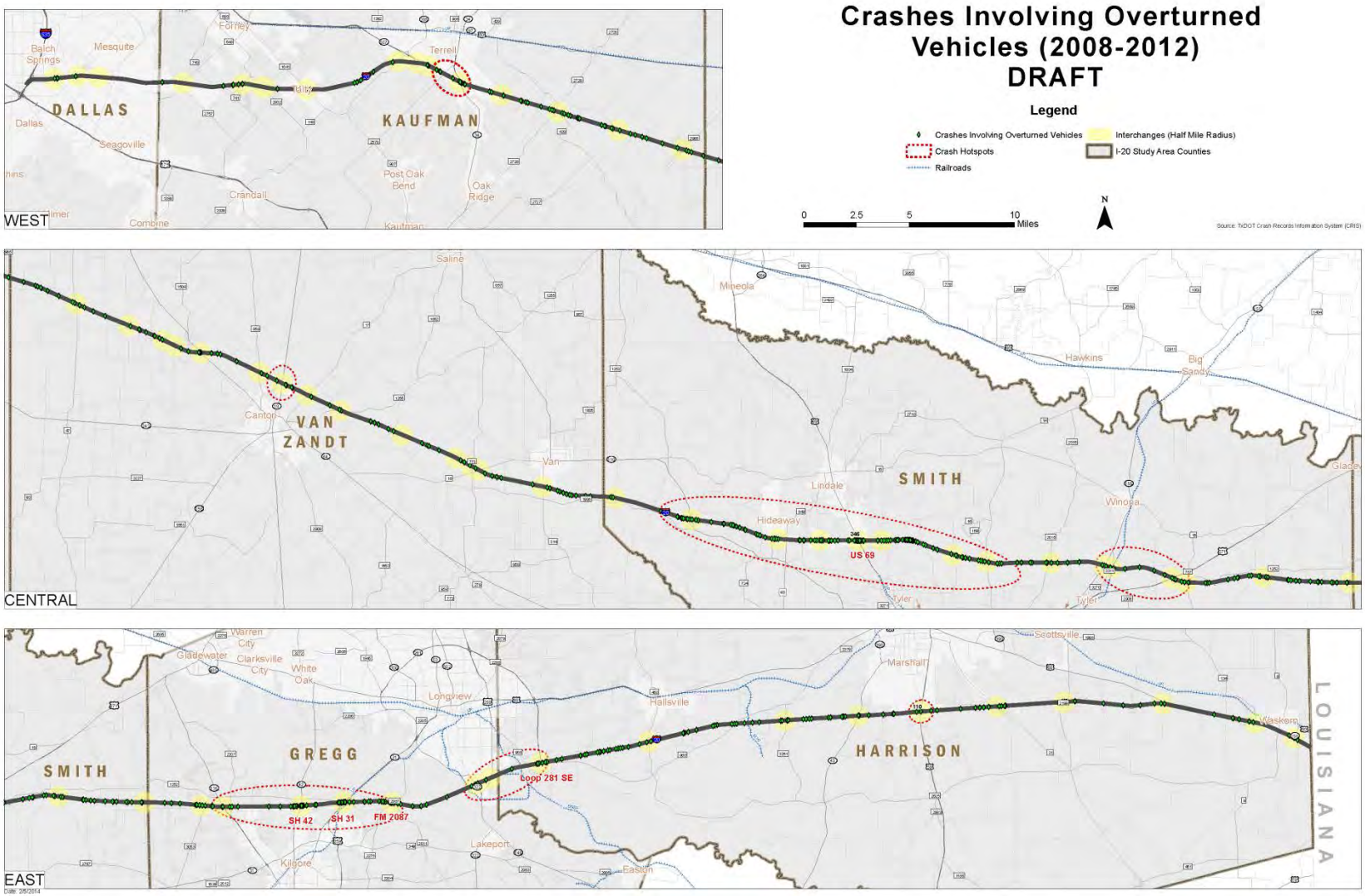
I-20 – Fatal and Incapacitating Crashes



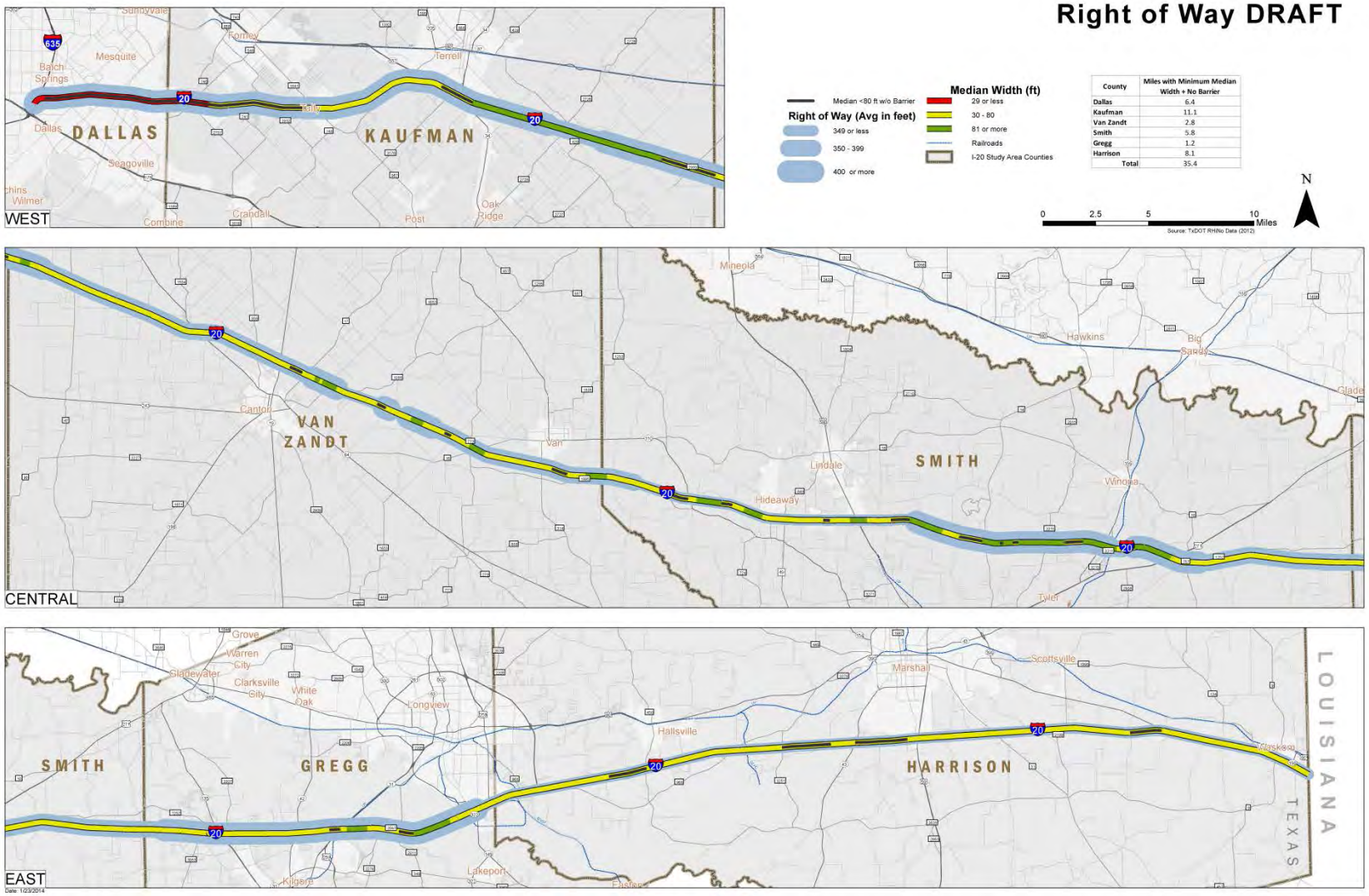
I-20 Corridor – Snow and Ice Related Crashes



I-20 Corridor – Overturned Vehicle Crashes

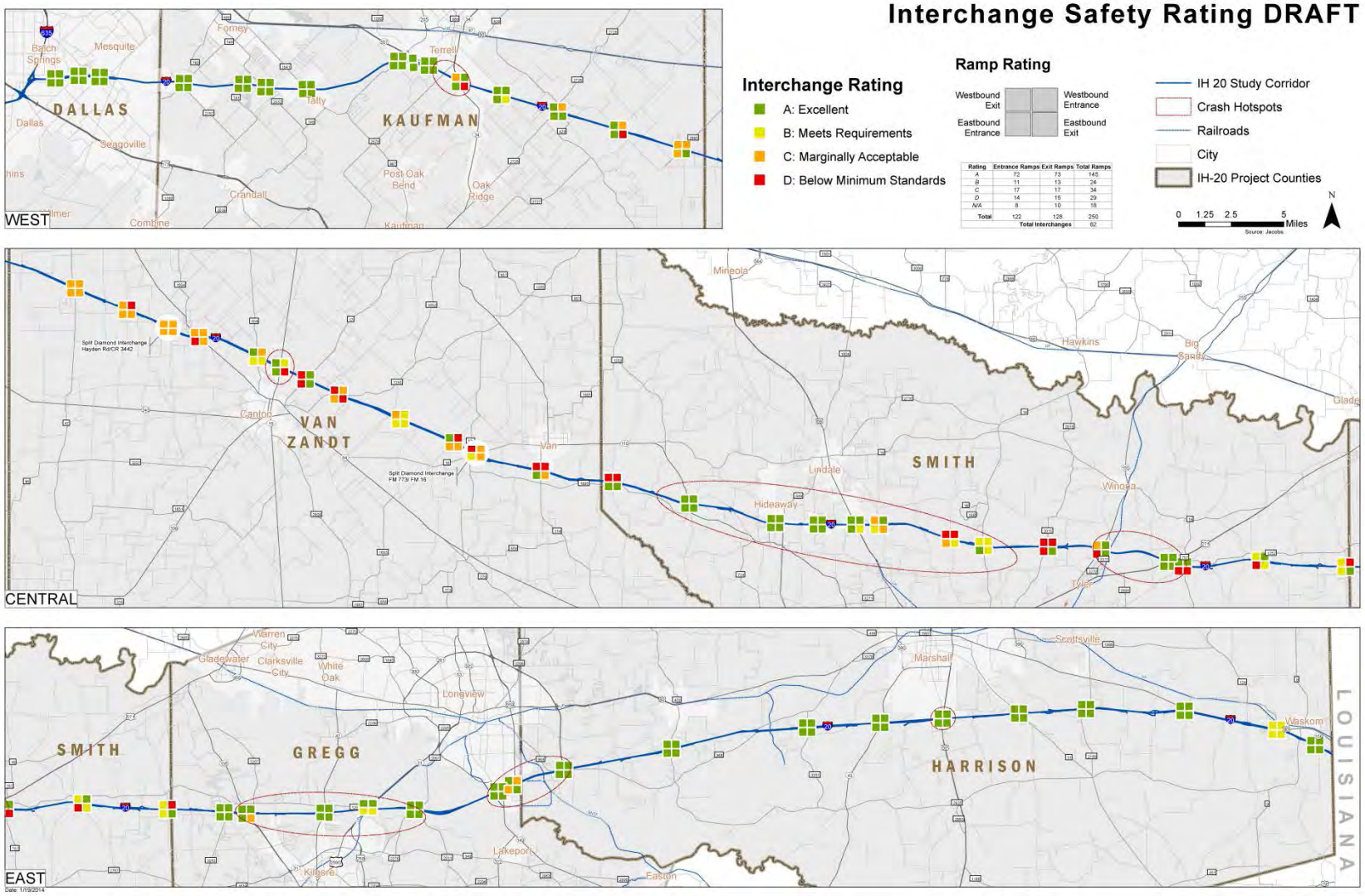


I-20 Corridor – Right of Way and Median Widths



County	Miles with Minimum Median Width + No Barrier
Dallas	6.4
Kaufman	11.1
Van Zandt	2.8
Smith	5.8
Gregg	1.2
Harrison	8.1
Total	35.4

I-20 Corridor – Ramp Analysis



Rating	Entrance Ramps	Exit Ramps	Total Ramps
A	72	73	145
B	11	13	24
C	17	17	34
D	14	15	29
N/A	8	10	18
Total	122	128	250
Total Interchanges			62

Developing the I-20 Highway Master Plan

Concern	Need	Possible Improvement
Traffic Congestion	Add Capacity	• Add Main Lanes • Add/Improve Passenger Service
High Crash Rates	Improve Safety	• Add Median Barriers • Improve Ramps • Add Lighting • Raise Overpass Clearances
Need for Economic Development	Improve Accessibility	• Add Frontage Roads • Add New Interchanges

Examples to describe approach to identifying improvements/projects

Small Group Work Sessions

West	Central	East
Dallas County	Smith County	NETRMA
Kaufman County	Tyler MPO	Gregg County
City of Mesquite	Tyler MPO	Harrison County
City of Balch Springs	Van Zandt County	Longview MPO
NCTCOG	City of Tyler	City of Longview
City of Terrell	City of Canton	City of Marshall
DART	City of Lindale	
City of Forney	NETRMA	
City of Seagoville		

Next Meeting Date and Location

April 2014 Conference Call for status update on Initial Public Outreach

May 2014 Review public input summary and Prioritize Projects

Attachment 3

Open House
Exhibits

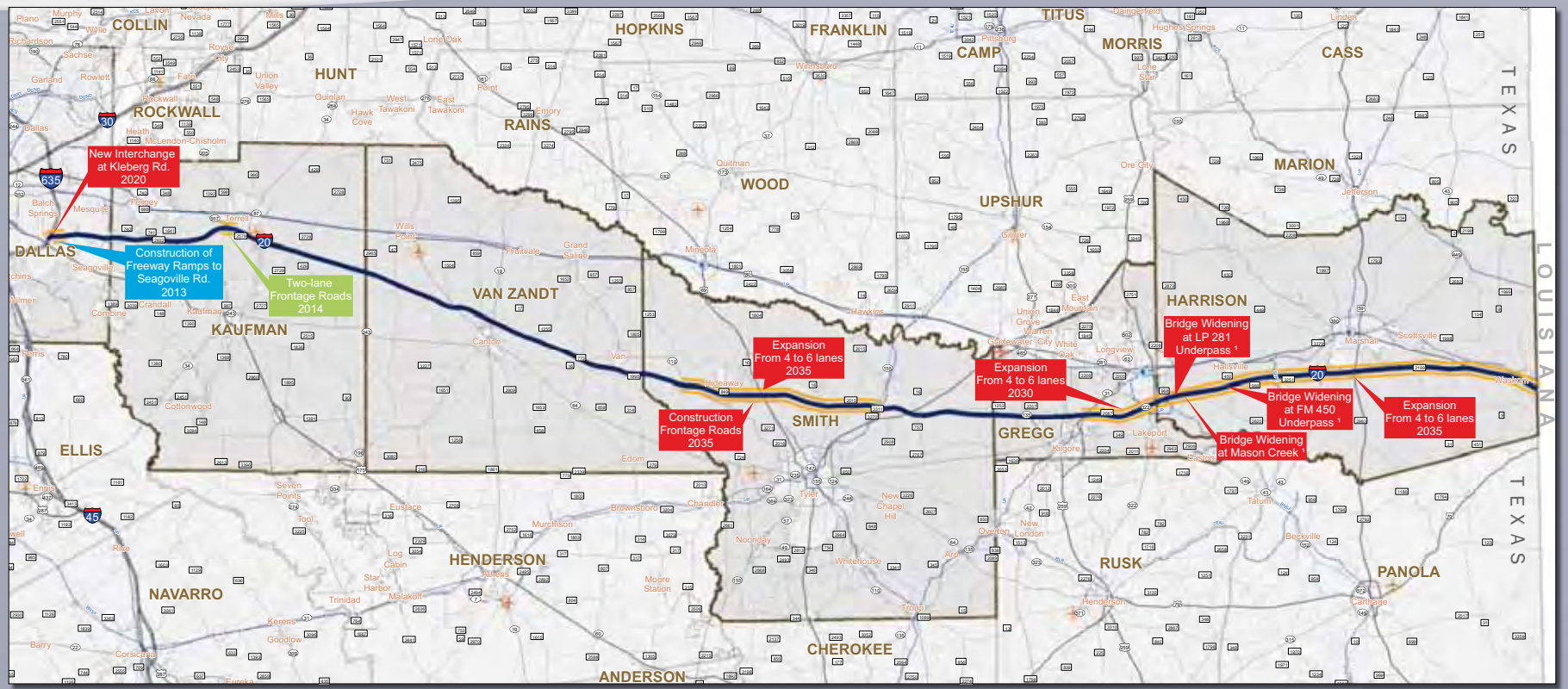
ADVISORY COMMITTEE: MISSION STATEMENT

" THE I-20 EAST TEXAS ADVISORY COMMITTEE WILL PROMOTE AND FACILITATE THE INVOLVEMENT AND INPUT OF AFFECTED LOCAL COMMUNITIES AND INTERESTED STAKEHOLDERS TO IDENTIFY AND PRIORITIZE THE MULTIMODAL TRANSPORTATION NEEDS OF THE CORRIDOR WITH A FOCUS ON SAFETY, MOBILITY, CONGESTION, AND AIR QUALITY FOR TRAVELERS AND FREIGHT THROUGH EAST TEXAS "

I RIDE I-20

LOCATION WITH PLANNED & PROGRAMMED IMPROVEMENTS

Texas Department of Transportation



Legend

- I-20 Study Corridor
- Interstate
- US Highway
- State Highway
- Railroads
- Amtrak Stations
- General Aviation Airport
- Reliever Airport
- I-20 Study Area Counties
- Counties
- City Boundaries

Planned and Programmed Improvements

- Project Boundaries
- Project Description
- Project Development Stages

[1] Year unavailable.

0 5 10 20 Miles

Source: TxDOT, MPOIP, TRTP,UTP.

N

Date: 10/17/2013

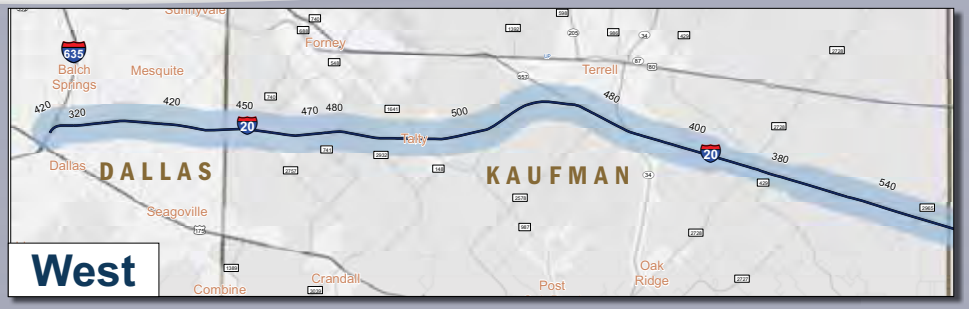
I-20 EAST TEXAS CORRIDOR STUDY

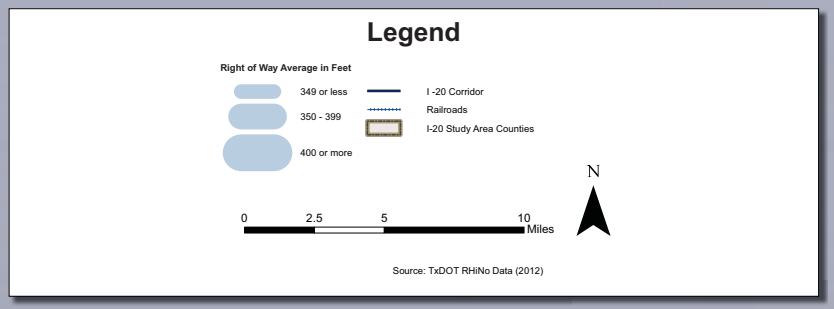
DRAFT - SUBJECT TO CHANGE

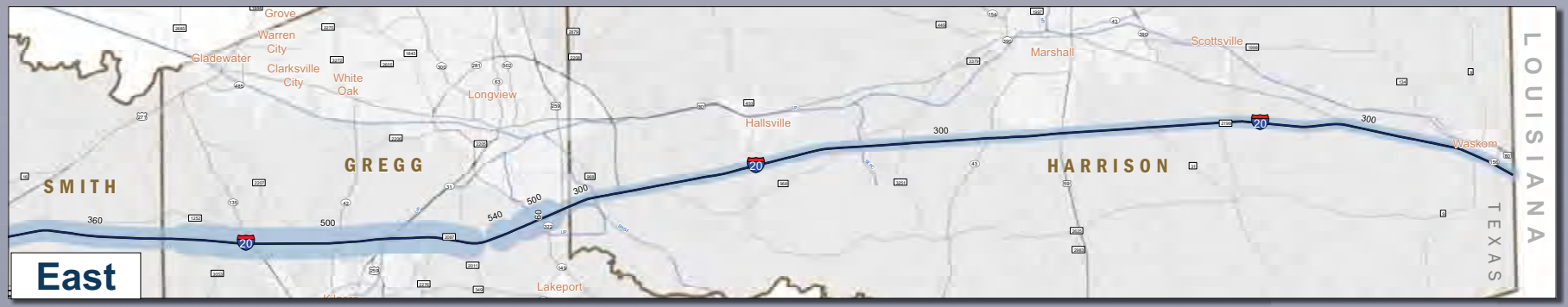
I RIDE I-20

RIGHT OF WAY

Texas Department of Transportation







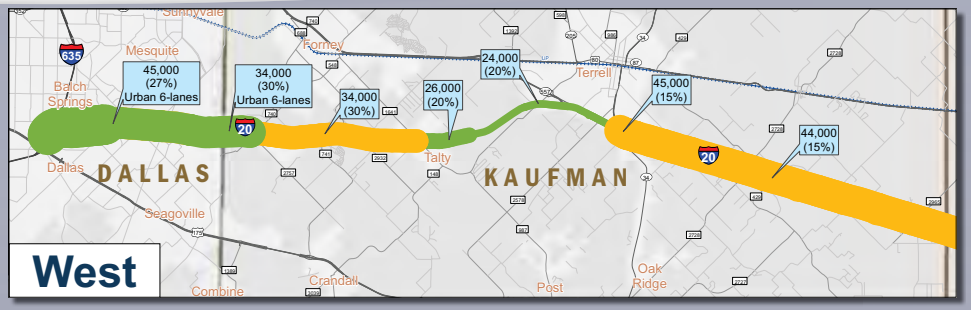
I-20 EAST TEXAS CORRIDOR STUDY

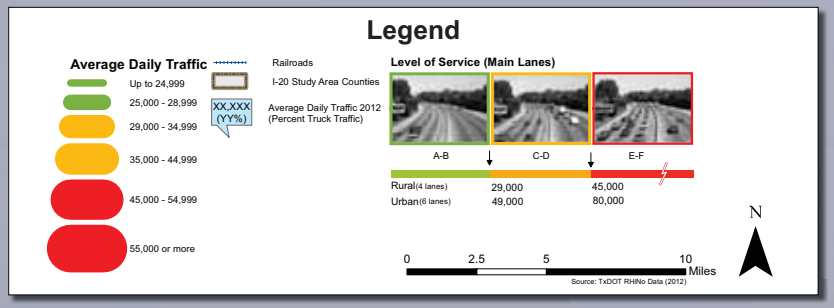
DRAFT - SUBJECT TO CHANGE

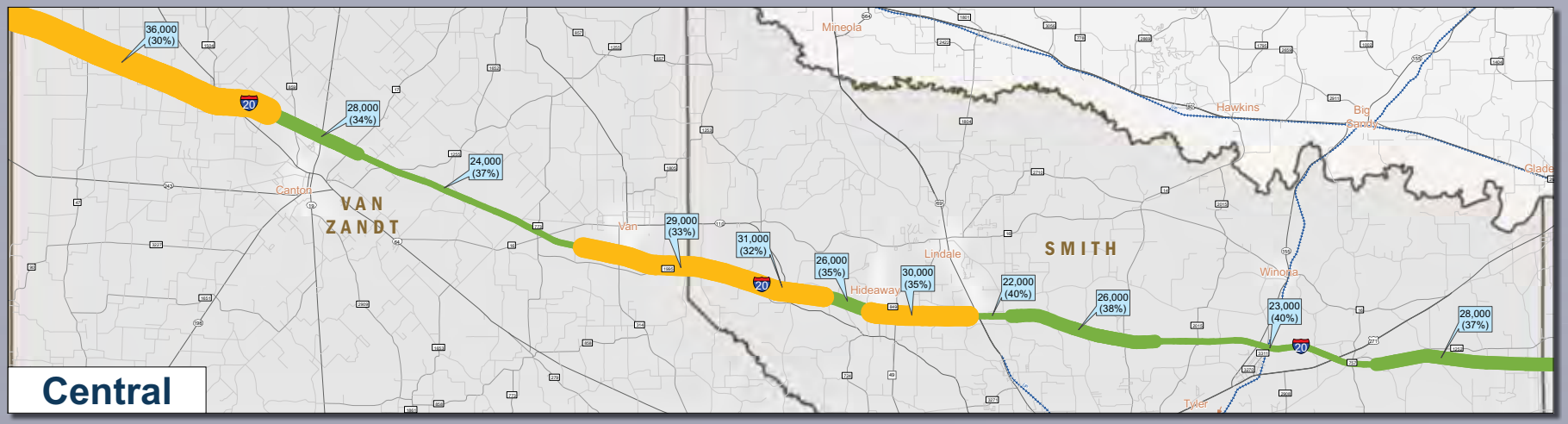
I RIDE I-20

2012 TRAFFIC CONDITIONS

Texas Department of Transportation







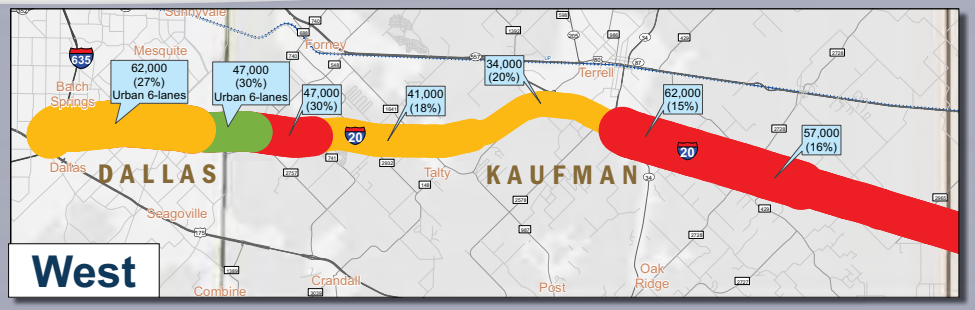
I-20 EAST TEXAS CORRIDOR STUDY

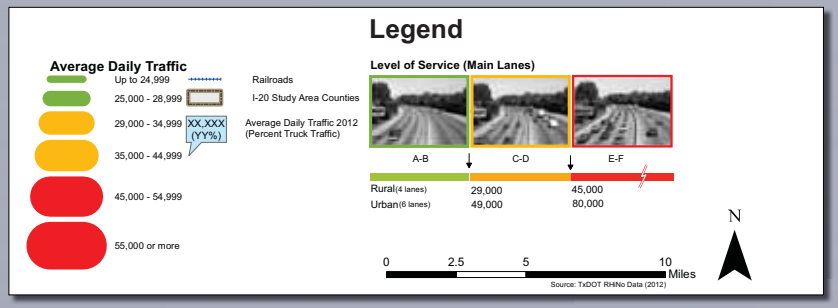
DRAFT - SUBJECT TO CHANGE

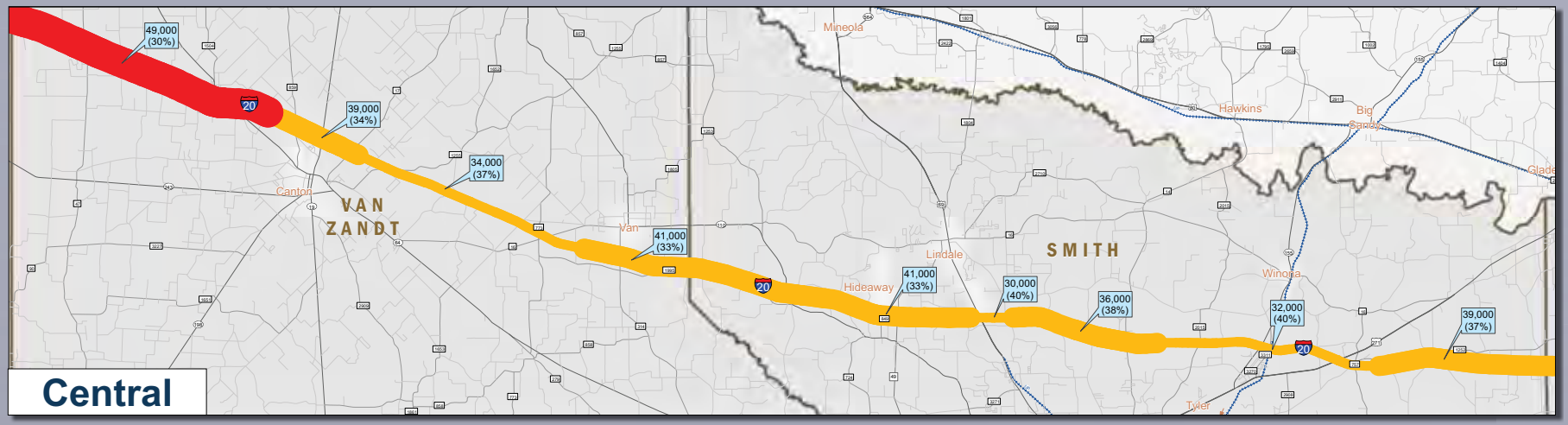
I RIDE I-20

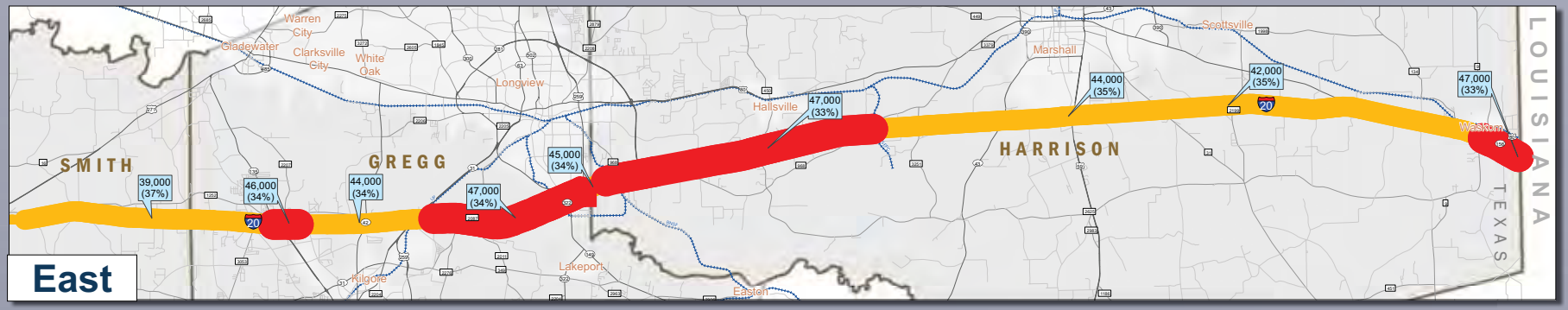
2032 TRAFFIC CONDITIONS

Texas Department of Transportation









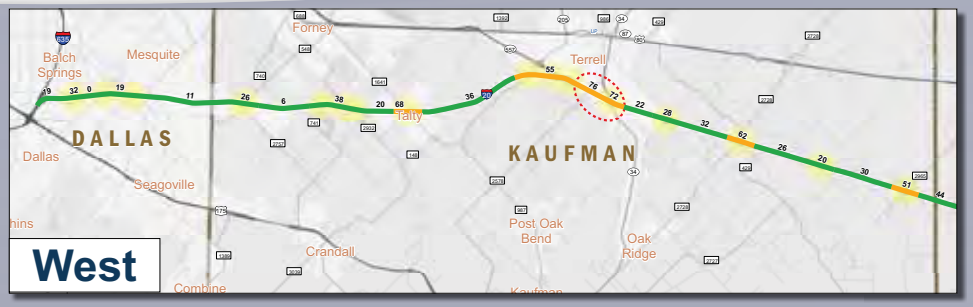
I-20 EAST TEXAS CORRIDOR STUDY

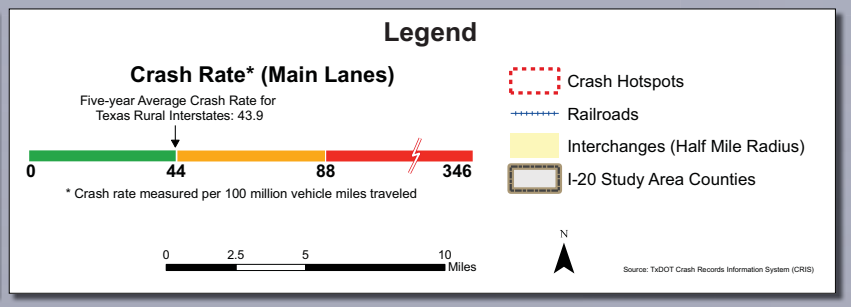
DRAFT - SUBJECT TO CHANGE

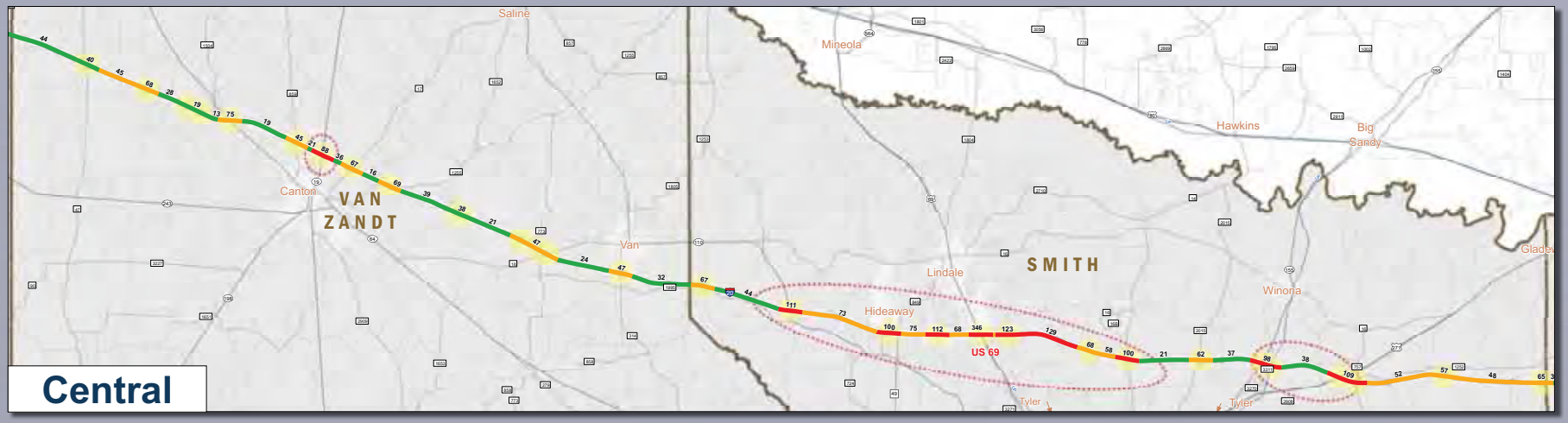
I RIDE I-20

CRASH RATES (2008-2012)

Texas Department of Transportation







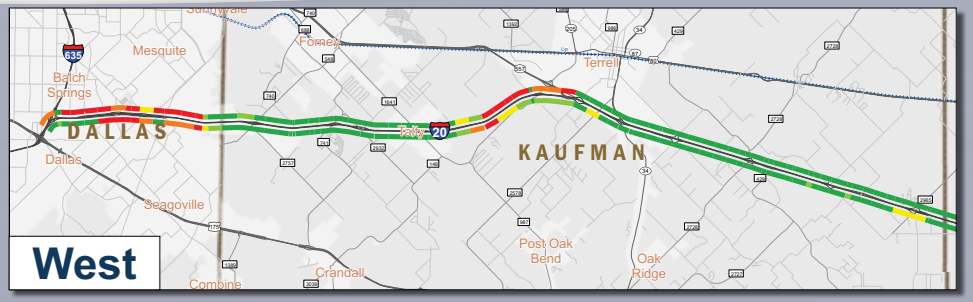
I-20 EAST TEXAS CORRIDOR STUDY

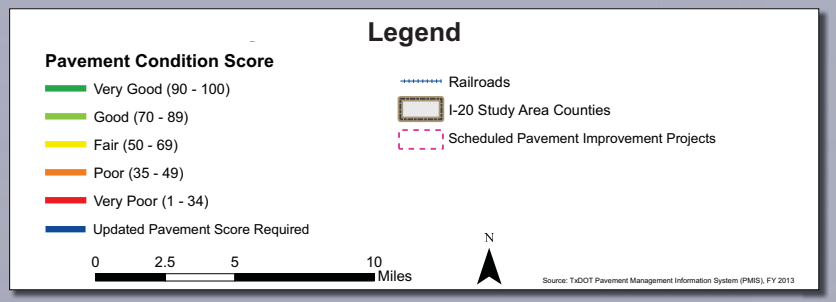
DRAFT - SUBJECT TO CHANGE

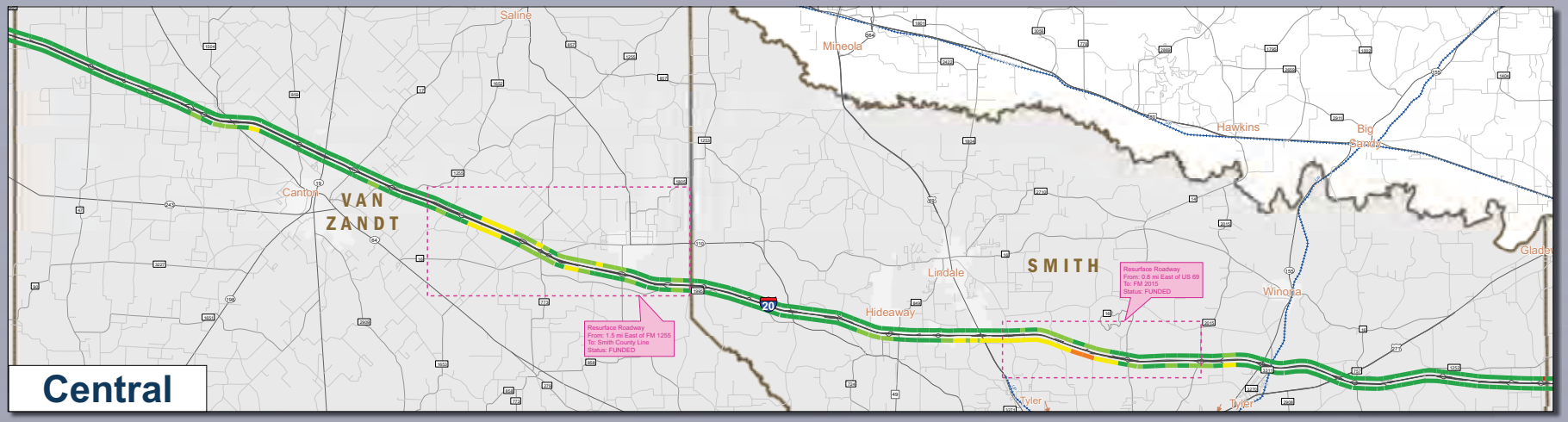
I RIDE I-20

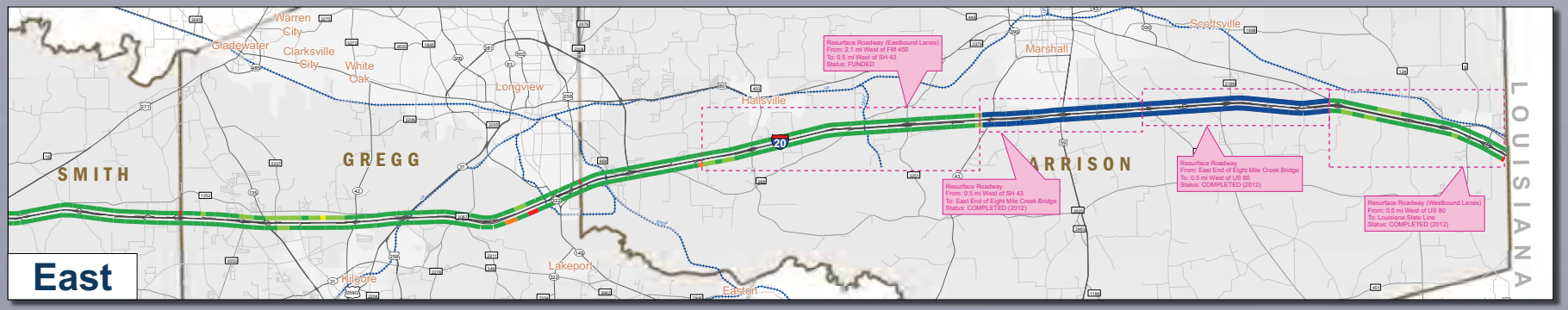
PAVEMENT CONDITIONS

Texas Department of Transportation









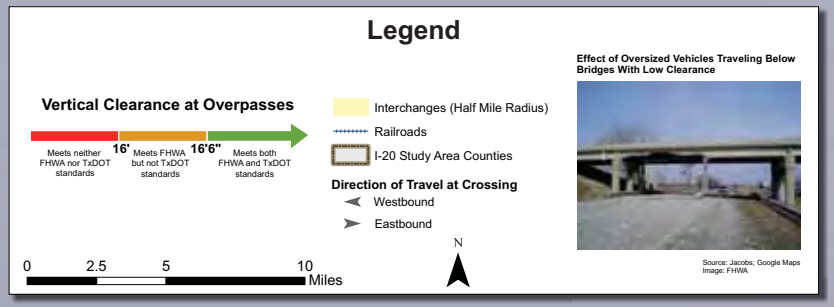
I-20 EAST TEXAS CORRIDOR STUDY

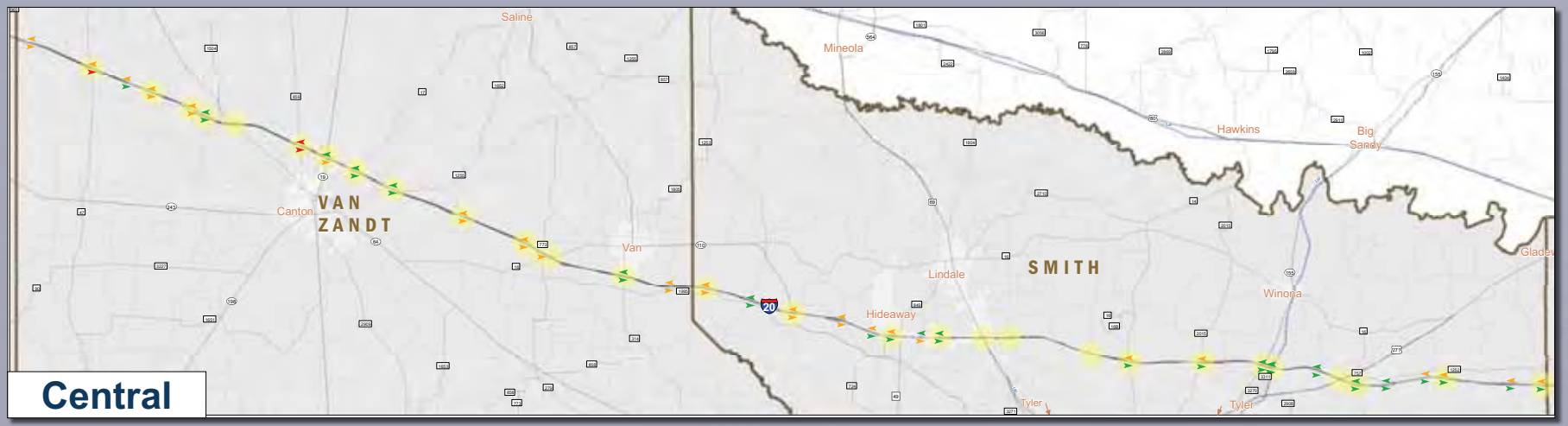
DRAFT - SUBJECT TO CHANGE

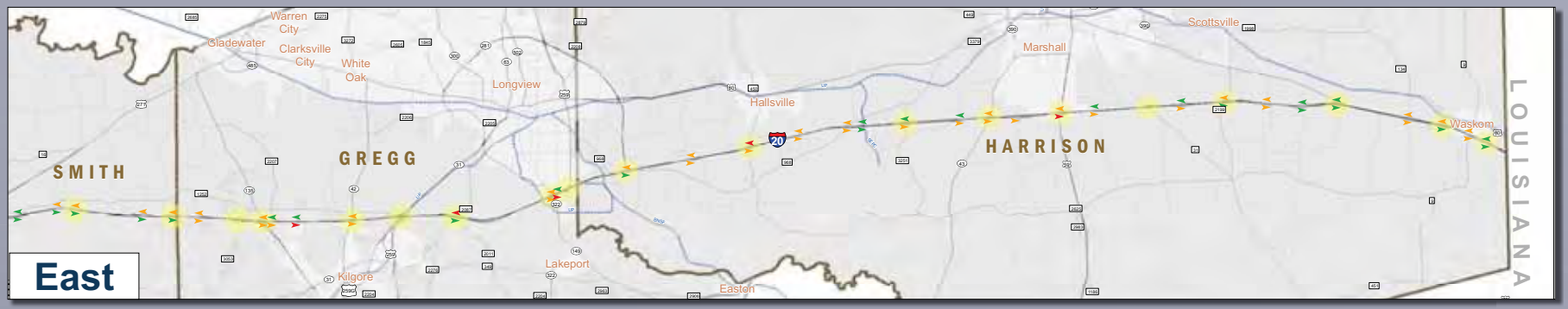
I RIDE I-20

VERTICAL CLEARANCES

Texas Department of Transportation







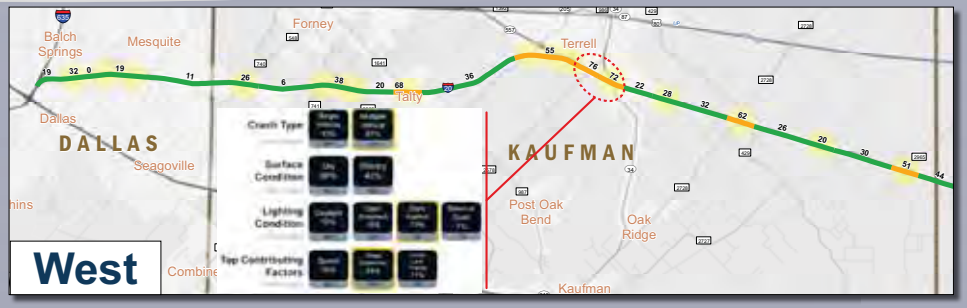
I-20 EAST TEXAS CORRIDOR STUDY

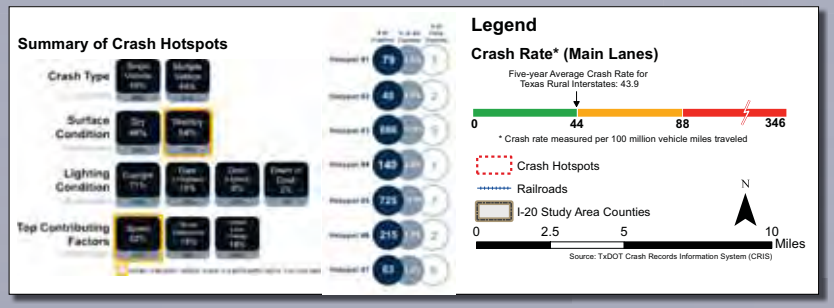
DRAFT - SUBJECT TO CHANGE

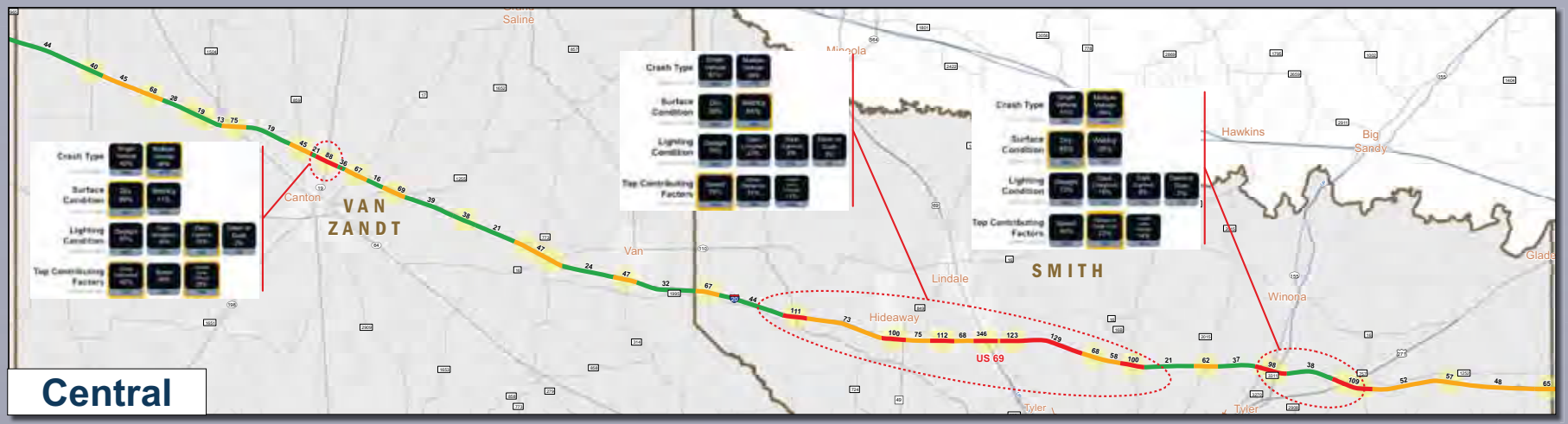
I RIDE I-20

CRASH HOTSPOT ANALYSIS

Texas Department of Transportation







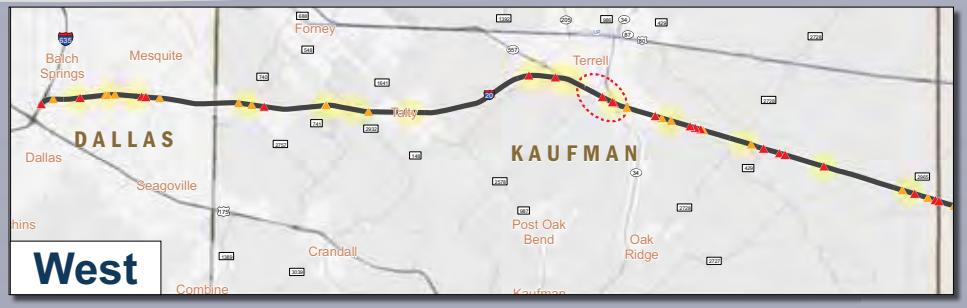
I-20 EAST TEXAS CORRIDOR STUDY

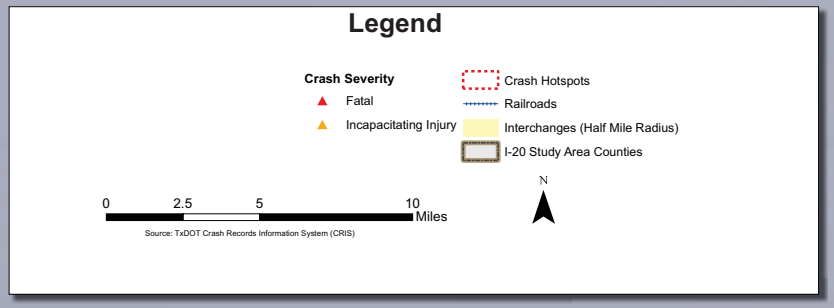
DRAFT - SUBJECT TO CHANGE

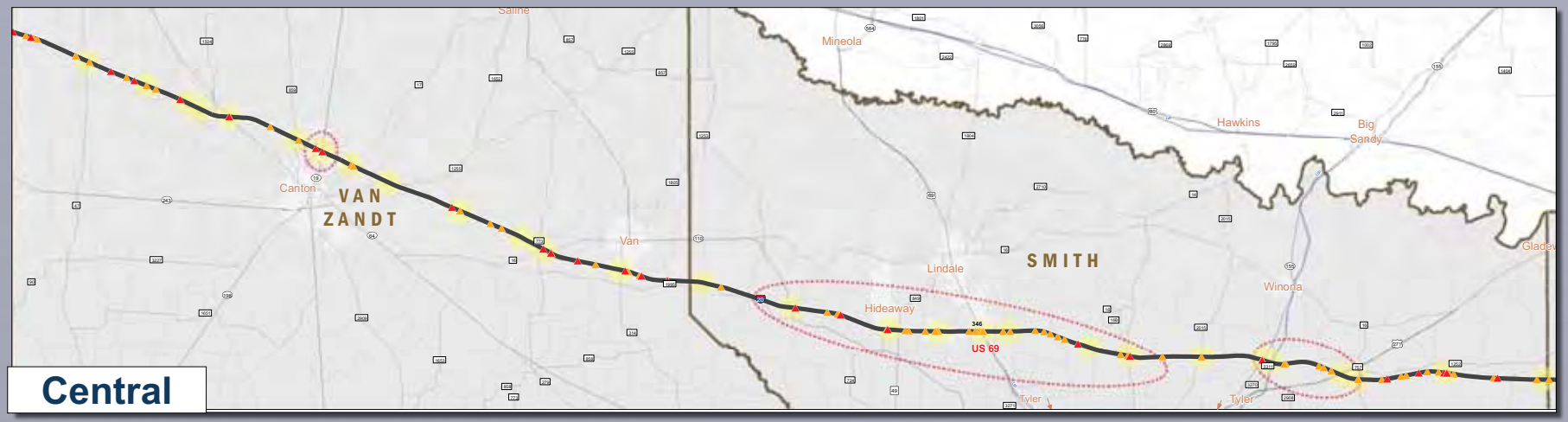
I RIDE I-20

CRASHES RESULTING IN FATAL & INCAPACITATING INJURIES

Texas Department of Transportation







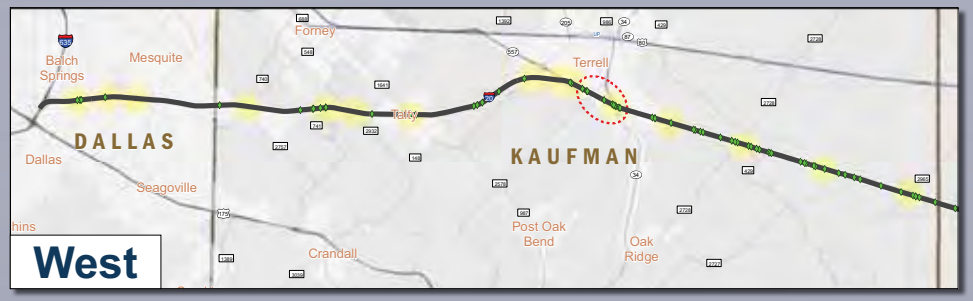
I-20 EAST TEXAS CORRIDOR STUDY

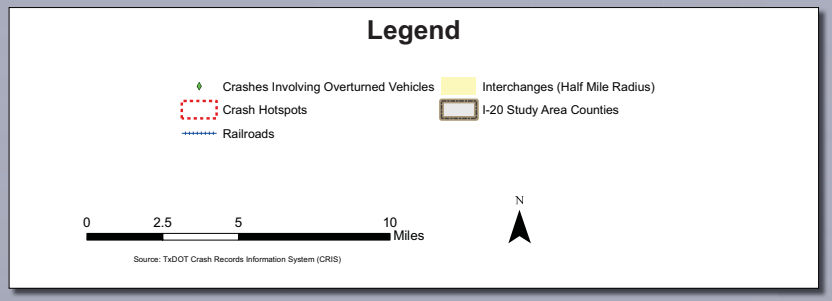
DRAFT - SUBJECT TO CHANGE

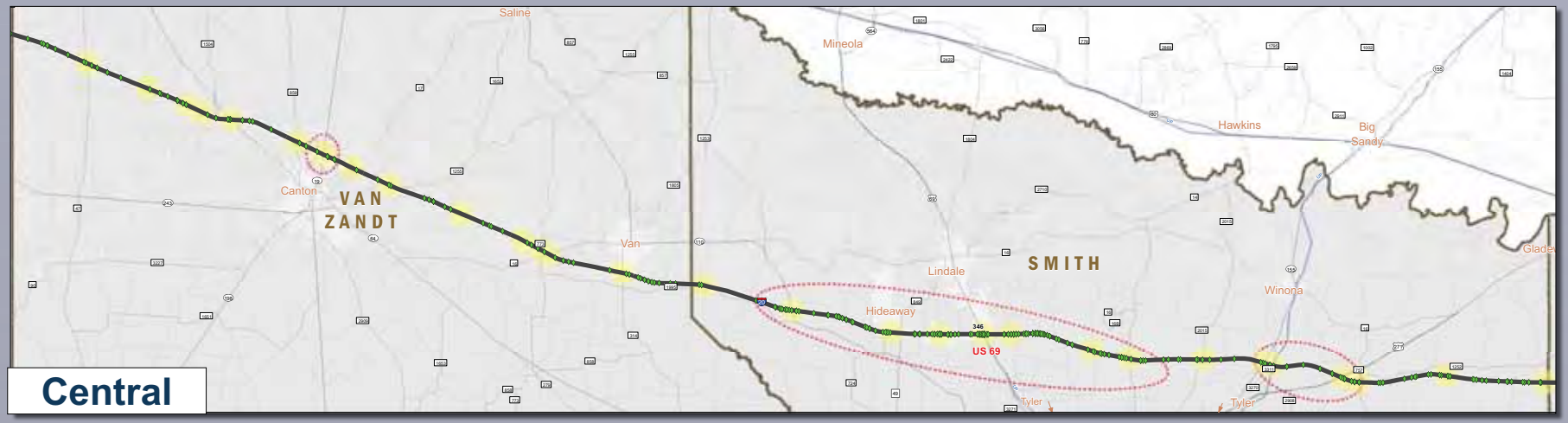
I RIDE I-20

CRASHES INVOLVING OVERTURNED VEHICLES (2008-2012)

Texas Department of Transportation







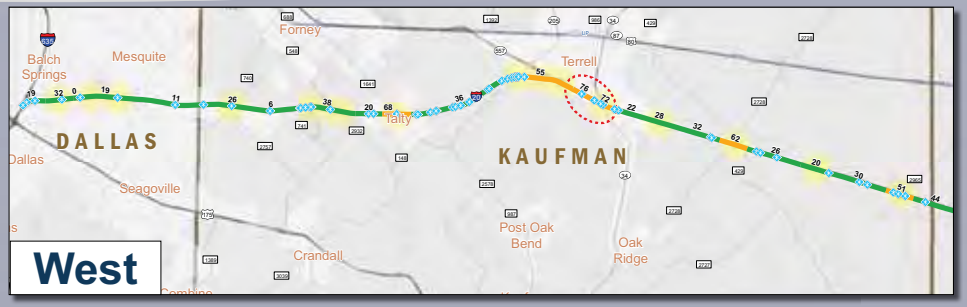
I-20 EAST TEXAS CORRIDOR STUDY

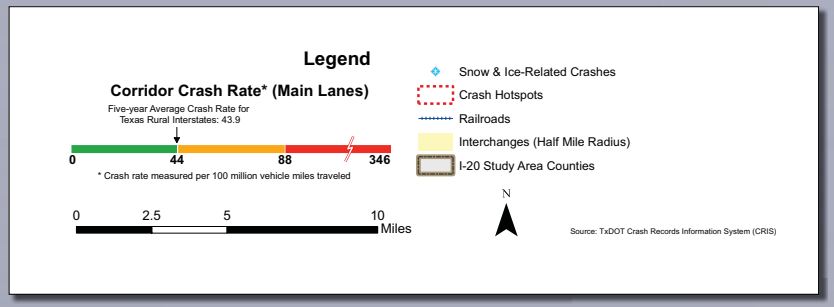
DRAFT - SUBJECT TO CHANGE

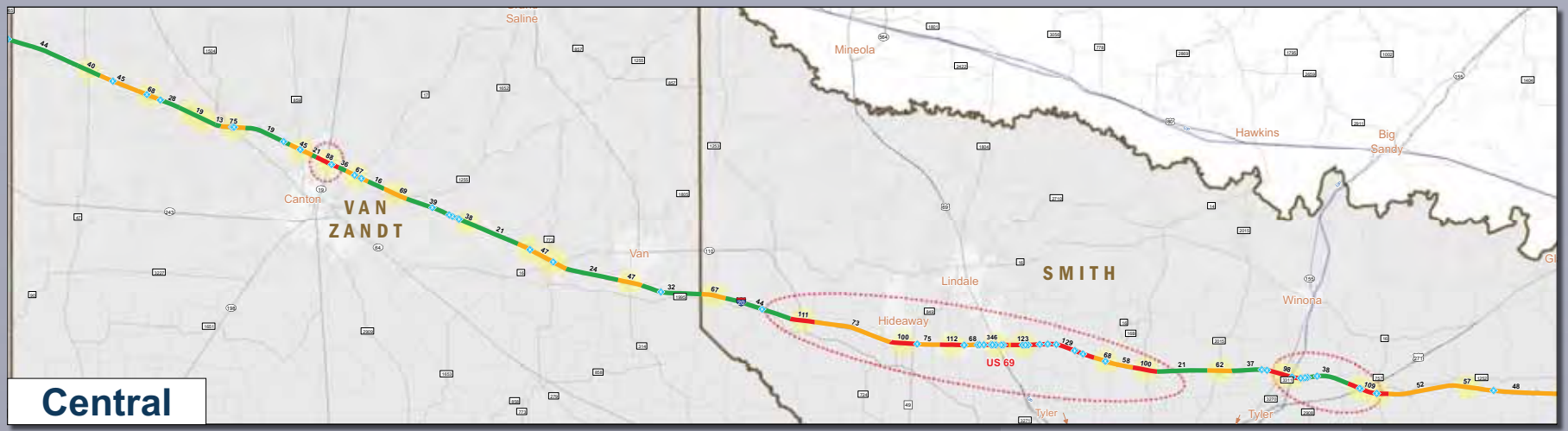
I RIDE I-20

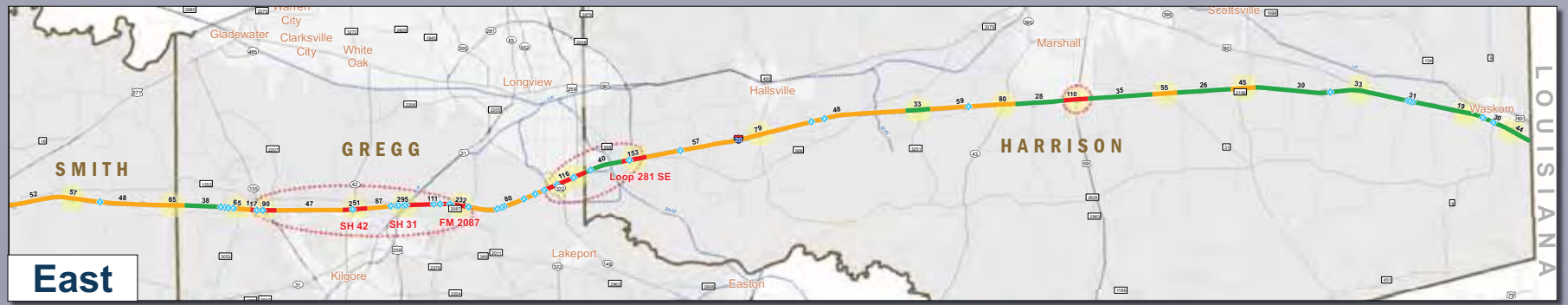
SNOW AND ICE-RELATED CRASHES (2008-2012)

Texas Department of Transportation









I-20 EAST TEXAS CORRIDOR STUDY

DRAFT - SUBJECT TO CHANGE

I RIDE I-20

OVERPASSES, UNDERPASSES & FRONTAGE ROADS

Texas Department of Transportation

Legend

- Interchange-Related Crossings
- Non-Interchange Crossings
- Frontage Roads*
- Railroads
- I-20 Study Area Counties

* All frontage roads allow two-way traffic except segments in Dallas County and in Terrell

Frontage Roads	
Eastbound	58.0
Westbound	58.4
Main Lanes	156.0

0 2.5 5 10 Miles

N

Source: TxDOT RHiNo Data (2012); Jacobs; Google Maps

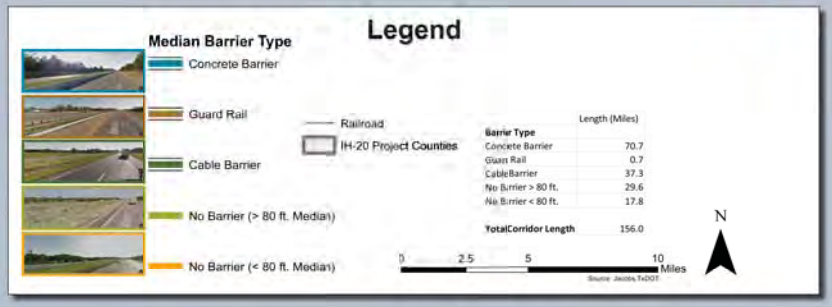
I-20 EAST TEXAS CORRIDOR STUDY

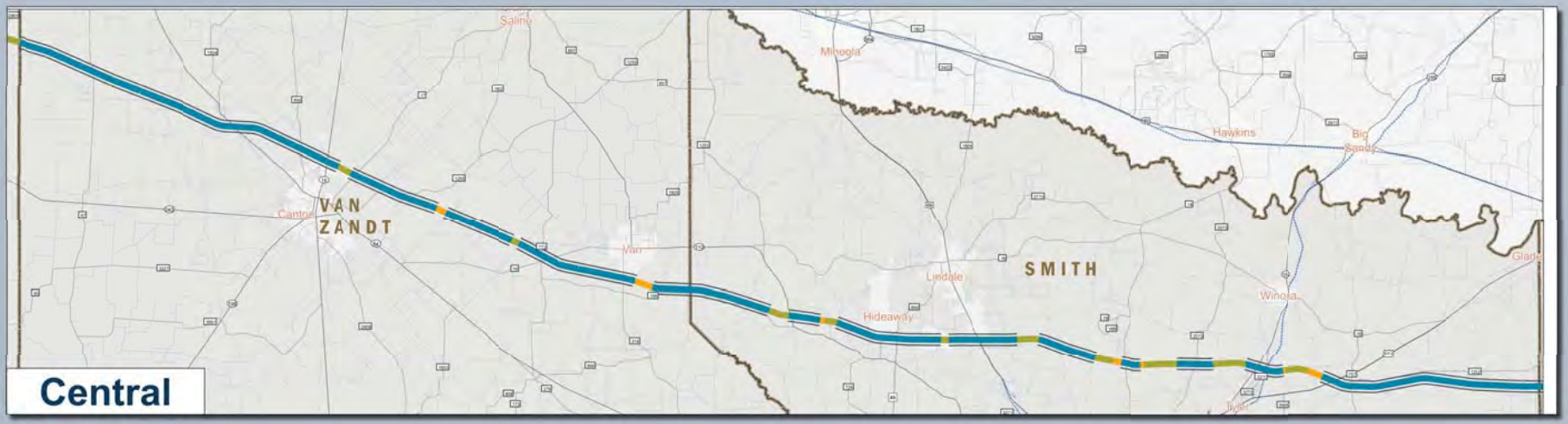
DRAFT - SUBJECT TO CHANGE

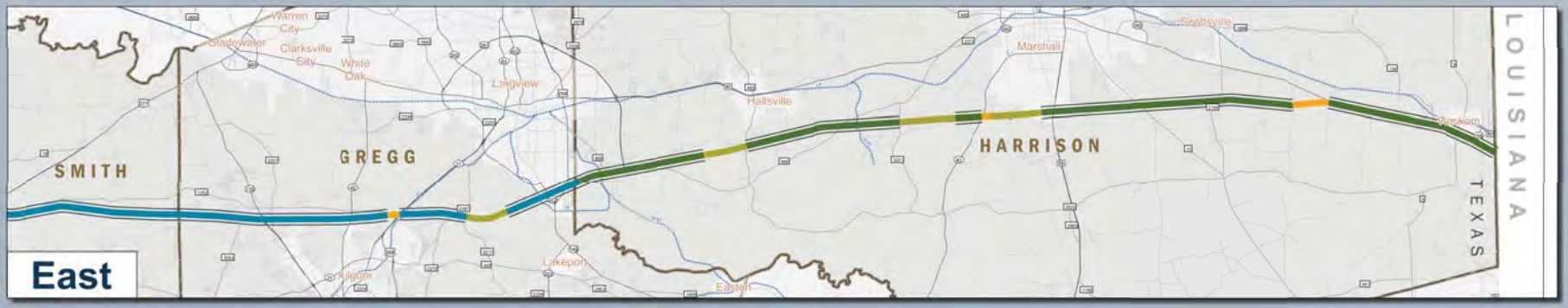
I RIDE I-20

MEDIAN TYPE

Texas Department of Transportation







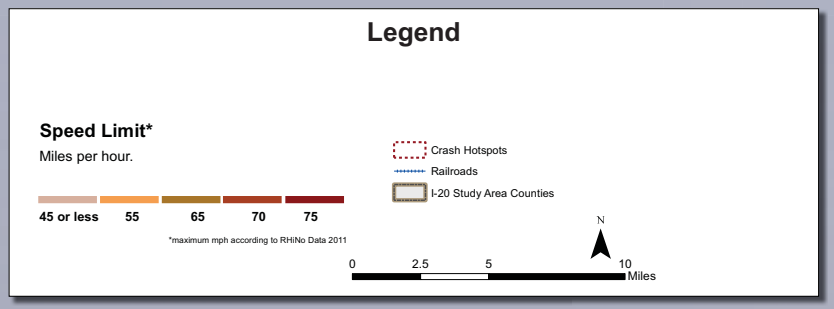
I-20 EAST TEXAS CORRIDOR STUDY

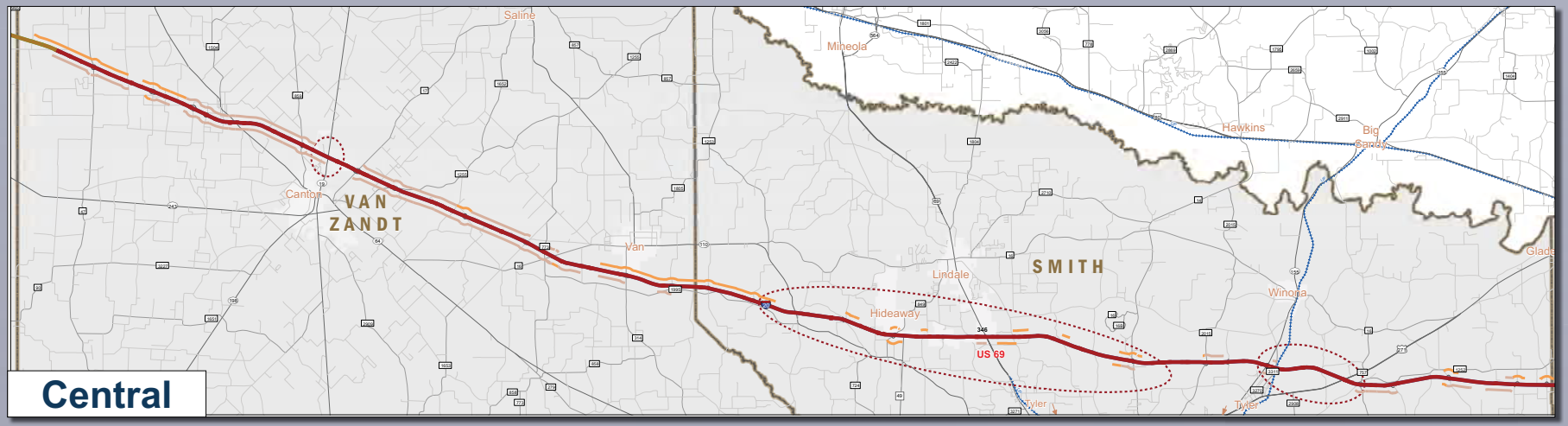
DRAFT - SUBJECT TO CHANGE

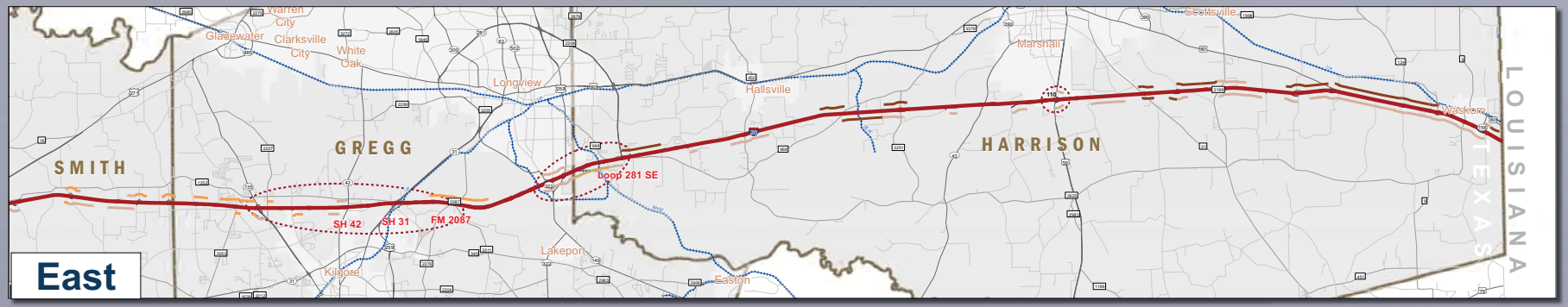
I RIDE I-20

SPEED LIMITS

Texas Department of Transportation







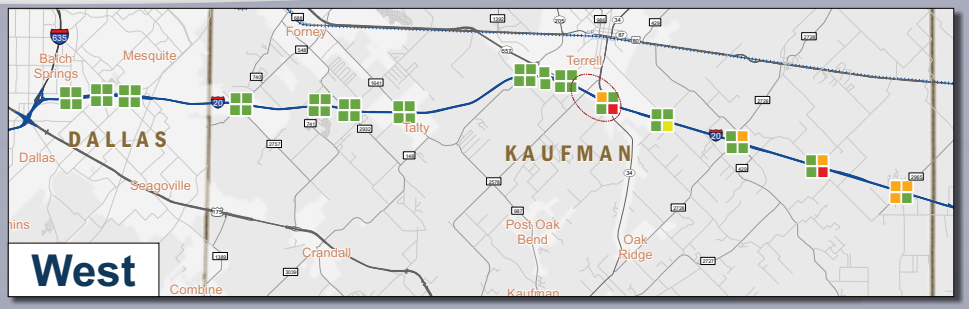
I-20 EAST TEXAS CORRIDOR STUDY

DRAFT - SUBJECT TO CHANGE

I RIDE I-20

INTERCHANGE ANALYSIS

Texas Department of Transportation



Legend

Interchange Rating

- A: Excellent
- B: Meets Requirements
- C: Marginally Acceptable
- D: Below Minimum Standards

Ramp Rating

Westbound Exit
Westbound Entrance
Eastbound Entrance
Eastbound Exit

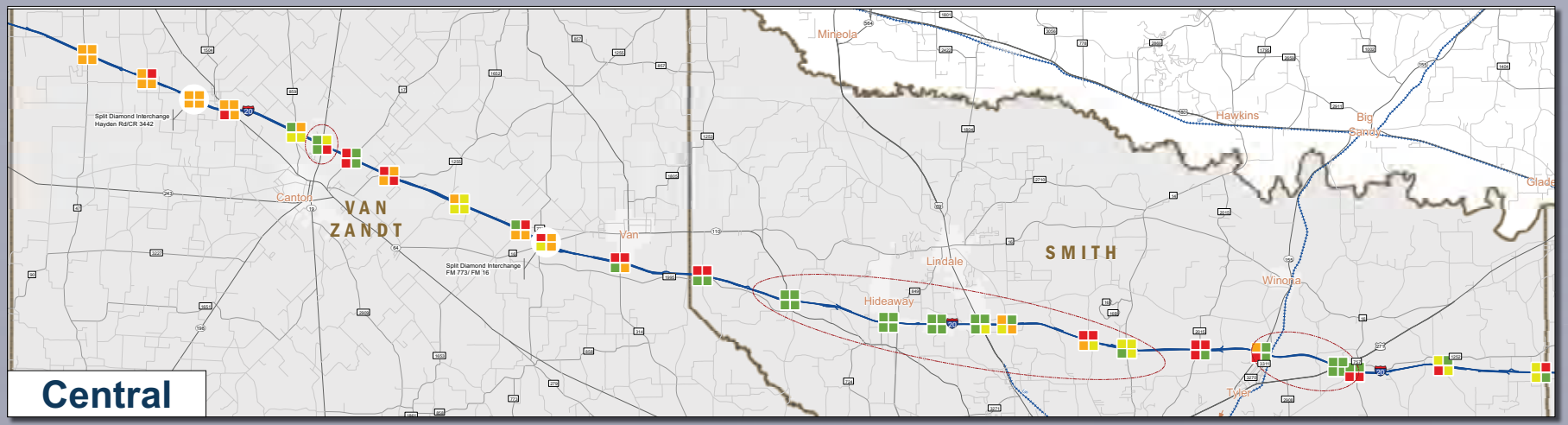
Rating	Entrance Ramps	Exit Ramps	Total Ramps
A	72	73	145
B	11	13	24
C	17	17	34
D	14	15	29
N/A	8	10	18
Total	122	128	250
Total Interchanges			62

- IH 20 Study Corridor
- Crash Hotspots
- Railroads
- City
- IH-20 Project Counties

0 1.25 2.5 5 Miles

Source: Jacobs.

N



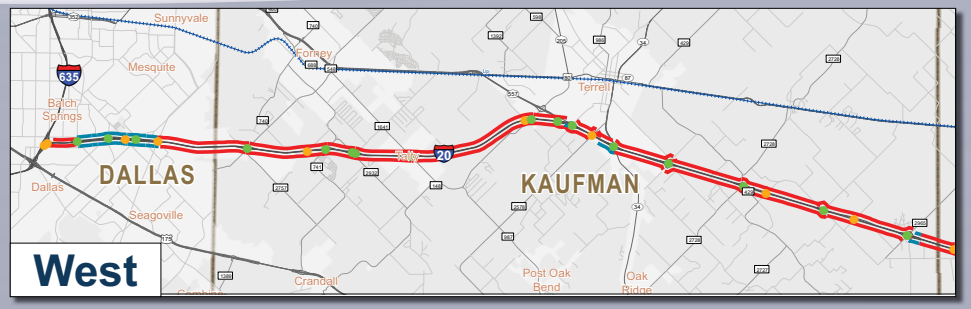
I-20 EAST TEXAS CORRIDOR STUDY

DRAFT - SUBJECT TO CHANGE

I RIDE I-20

FRONTAGE ROADS

Texas Department of Transportation



Legend

- Interchange-Related Crossings
- Non-Interchange Crossings
- Frontage Roads*
- No Frontage Roads
- Railroads
- I-20 Study Area Counties

* All frontage roads allow two-way traffic except segments in Dallas County and in Terrell

0 2.5 5 10 Miles

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Source: TxDOT RHINo Data (2012); Jacobs; Google Maps

	Length (Miles)
Frontage Roads	
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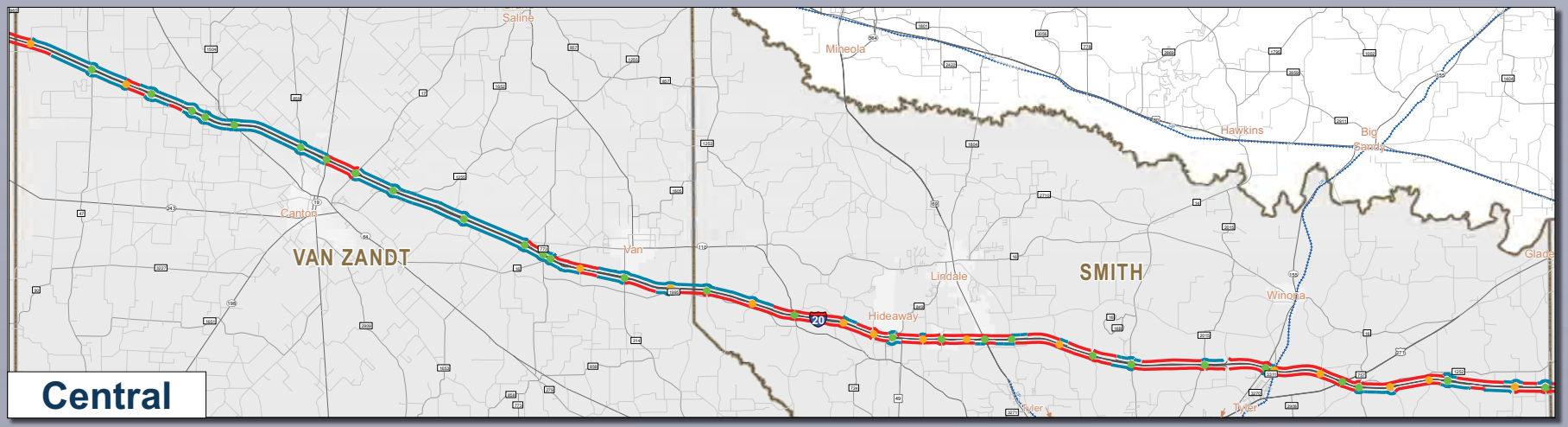

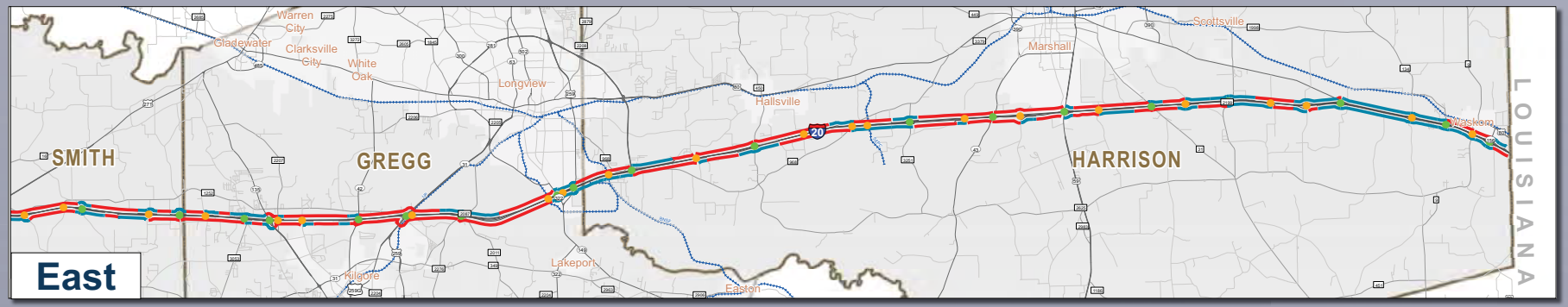

I-20 EAST TEXAS CORRIDOR STUDY

DRAFT - SUBJECT TO CHANGE

I RIDE I-20

TIMELINE OF PROPOSED ACTIVITIES

Texas Department of Transportation

We are here:

July 2013 ★

- Advisory Committee Kick-off & Study Introduction

October 2013 ★

- Develop Objectives
- Identify/Review Constraints, Features, Concerns & Future Considerations
- Discuss Public Outreach Tools

January 2014 ★

- Discuss Transportation Reinvestment Zone (TRZ) Considerations
- Review & Finalize Public Outreach Tools

February 2014 ★

- Prioritize Goals and Objectives
- Identify Potential Projects
- Members begin Initial Public Outreach

April 2014 ★

- Members Continue Initial Public Outreach
- Conference Call to update on Outreach Activities

May 2014 ★

- Members Complete Initial Public Outreach
- Evaluate & Prioritize Projects
- Review Summary of Public Input

August 2014 ★

- Review Draft Corridor Plan
- Prepare for Draft Corridor Plan Public Outreach

Sept.-Oct. 2014

- Hold Open House(s)

November 2014 ★

- Review Public Input Received at Open House(s)
- Finalize Corridor Plan

December 2014 ★

- Presentation to Commission
- Members help spread the word that a Final Corridor Plan is available on the website

★ Indicates Committee Meeting

I-20 EAST TEXAS CORRIDOR STUDY

DRAFT - SUBJECT TO CHANGE

Attachment 4

Objectives
Prioritization
Survey Responses

I-20 East Texas Advisory Committee Goals and Objectives Prioritization

The following survey will serve to help the I-20 East Texas Advisory Committee to prioritize the goals and objectives for the corridor study. Please rank the following objectives under each goal in order of most important to least important. The results of this survey will be discussed at the next Advisory Committee in Mesquite on Feb. 18.

To begin ranking the objectives you have two options under each goal: Select a number next to the objective OR Click and drag the objective to place them in order of importance. Either of these options will adjust the ranking numbers alongside each objective as you make selections.

Thank you for your participation!

1. Please rank the following objectives in order from most important (1) to least important (6) in regards to the following Advisory Committee goal:

INVOLVE LOCAL COMMUNITIES

____ Outline potential safety impacts to properties along or near the I-20 corridor (e.g. residential, mix use, commercial, etc.).

____ Request right-of-way (ROW) donations to include room for passenger rail.

____ Establish framework for transportation reinvestment zones (TRZ) along I-20 to assist in funding all modes and adopt TRZ's locally.

____ Create transportation plans that compliment local development plans

____ Build public-private partnerships with landowners; developers, etc.

____ Ensure constant communication with community members and stakeholders.

2. **Please rank the following objectives in order from most important (1) to least important (4) in regards to the following Advisory Committee goal:**

CONSIDER CURRENT AND FUTURE MULTIMODAL TRANSPORTATION NEEDS

____ Accommodate all needed forms of transportation using existing I-20 geometry and ROW.

____ Consider the impact of I-20 planning on East Texas Hour Glass at Toll 49

____ Plan for I-69 interchange near Marshall

____ Consider US 80 and 175 in addition to the I-20 corridor.

3. **Please rank the following objectives in order from most important (1) to least important (10) in regards to the following Advisory Committee goal:**

IMPROVE SAFETY

____ Reconstruct access ramps to current standards

____ Construct truck-only lanes.

____ Improve road surface on sections rated fair or poor

____ Implement access management techniques to reduce the number of driveways and wide/open area driveways in close proximity to exit and entrance ramps.

____ Add barriers to medians less than 80 feet wide including barriers from IH635 to Kaufman County line.

____ Improve access across median barriers for law enforcement and safety equipment.

____ Raise overpasses to safe height

____ Additional lanes in congested areas on I-20

____ Construct one-way service roads, to divert traffic in event of I-20 closings.

____ Review of speed limits and length of exitways

4. **Please rank the following objectives in order from most important (1) to least important (6) in regards to the following Advisory Committee goal:**

REDUCE CONGESTION AND ENHANCE MOBILITY FOR TRAVELERS AND FREIGHT

____ Consider rail hubs as connectors to urban areas

____ Coordination of improvements where municipalities are updating their infrastructure/thoroughfare plans to complement this study effort

____ Consider modified freight carrier behavior (new speed limits, schedules, etc.)

____ Build relationships with passenger service providers including plans for service expansion and diversification.

____ Ask State government for support and funding alternatives and consider Public-private partnerships.

____ Widen bridges

5. **Please rank the following objectives in order from most important (1) to least important (4) in regards to the following Advisory Committee goal:**

ENHANCE AIR QUALITY

____ Reduce idling in case of accident or lane closures.

____ Create high occupancy lanes (HOL) to alleviate congestion

____ Develop incentives to direct truck traffic onto Toll 49

____ Construct continuous one-way frontage roads with priority to high volume/high accident areas

6. **Please list any additional comments to add to the goals and objectives of the I-20 East Texas Advisory Committee below:**

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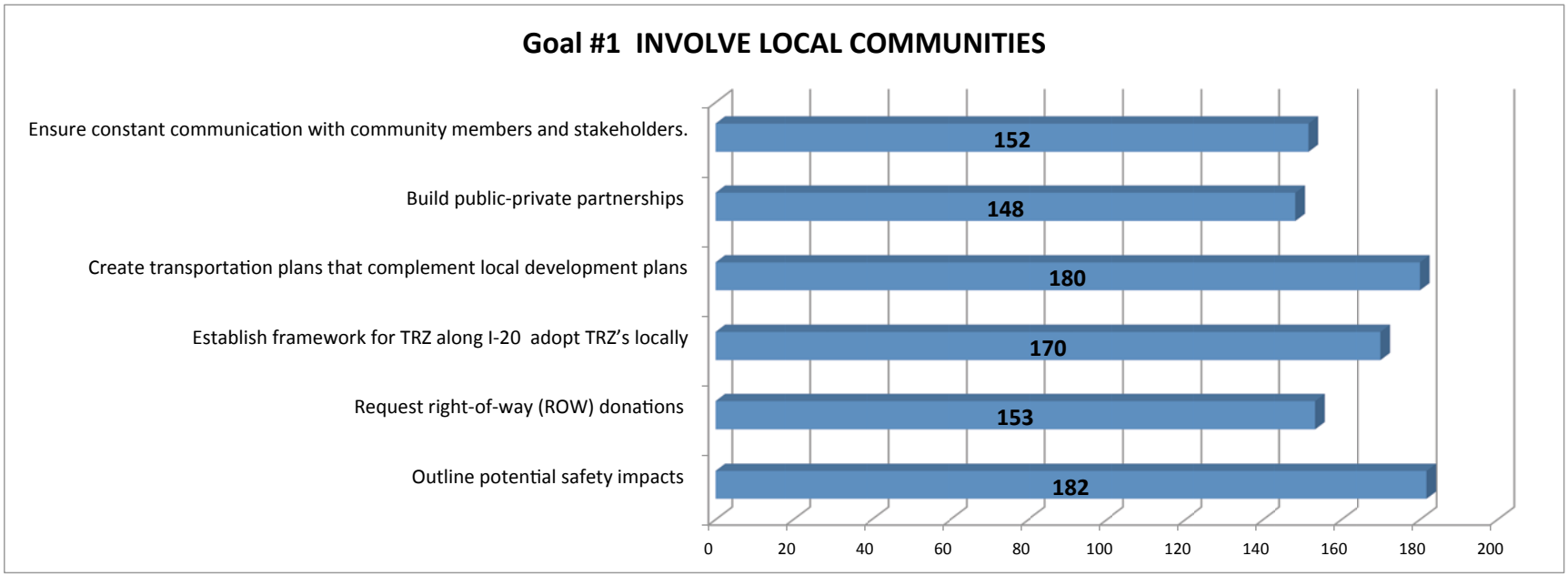
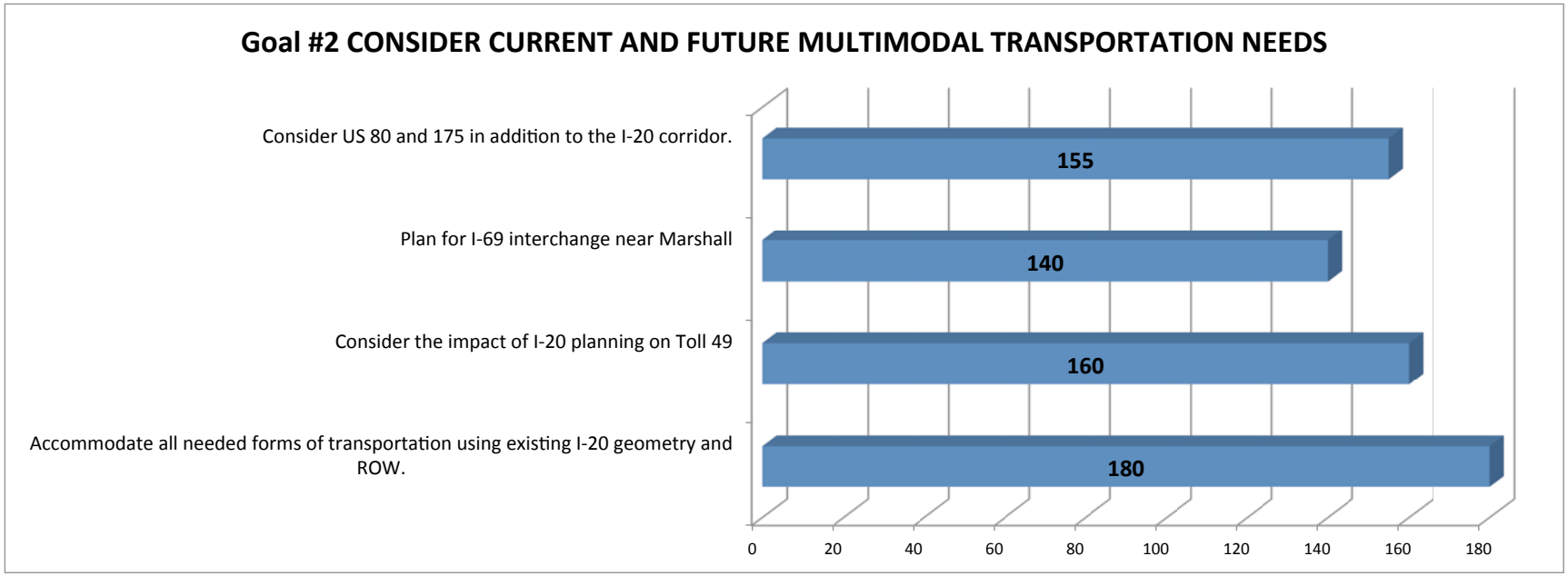
7. Name: _____

Responses were received from 16 members of the Advisory Committee. They were received prior to or during the meeting, computed and scored to help prioritize previously established objectives.
Results from these, for each of the committee's goals, are as follow:


Goal #1 INVOLVE LOCAL COMMUNITIES
Ensure constant communication with community members and stakeholders.
152
Build public-private partnerships
148
Create transportation plans that complement local development plans
180
Establish framework for TRZ along I-20 adopt TRZ's locally
170
Request right-of-way (ROW) donations
153
Outline potential safety impacts
182
0
20
40
60
80
100
120
140
160
180
200


Goal #2 CONSIDER CURRENT AND FUTURE MULTIMODAL TRANSPORTATION NEEDS
Consider US 80 and 175 in addition to the I-20 corridor.
155
Plan for I-69 interchange near Marshall
140
Consider the impact of I-20 planning on Toll 49
160
Accommodate all needed forms of transportation using existing I-20 geometry and ROW.
180
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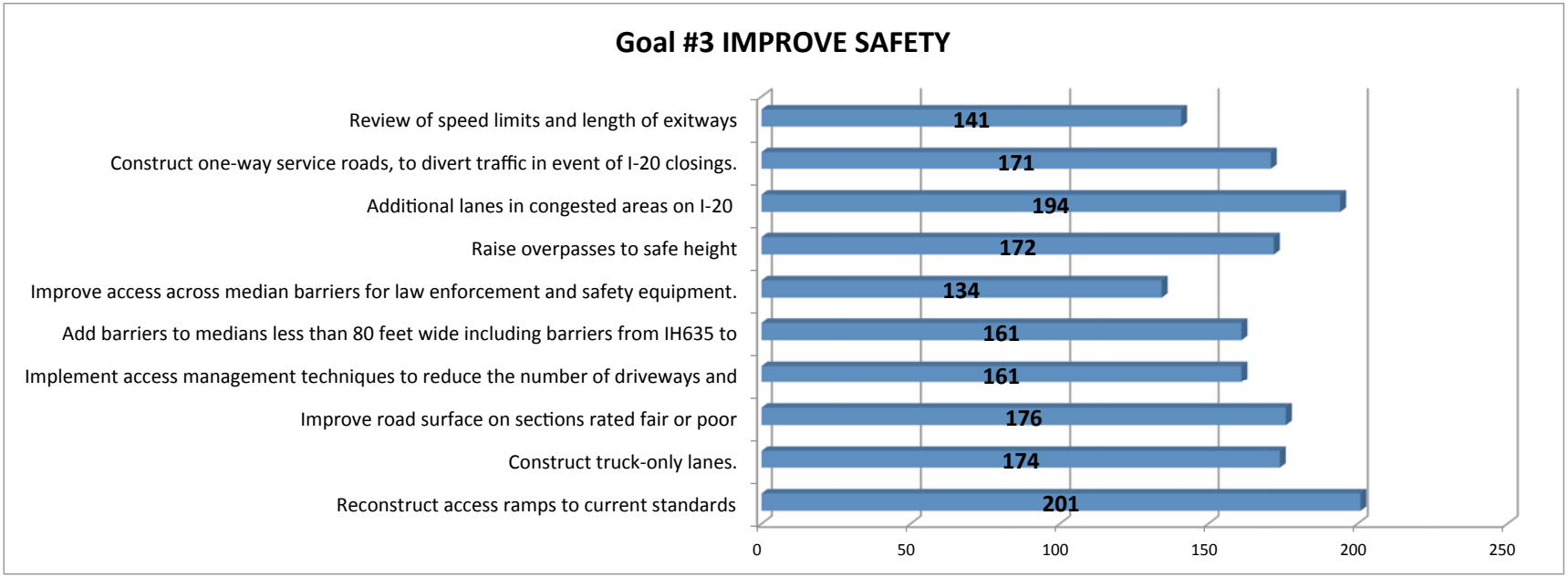
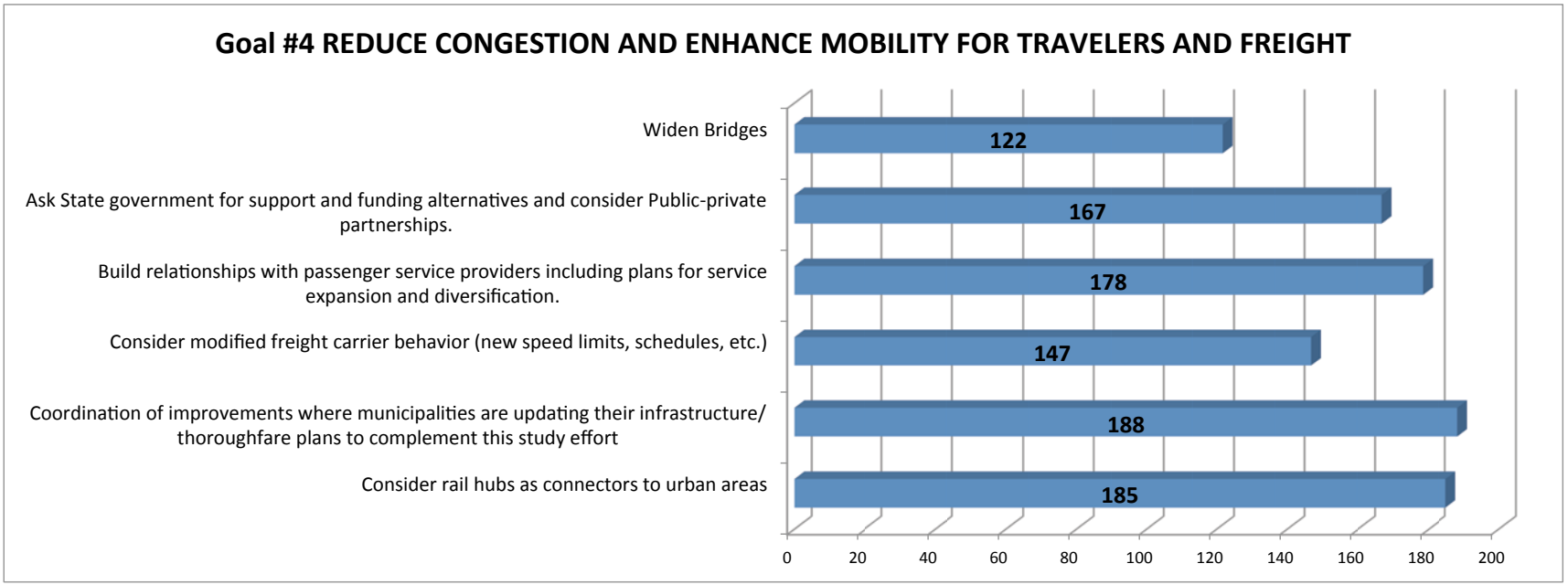
120
140
160
180


Goal #3 IMPROVE SAFETY
Review of speed limits and length of exitways
141
Construct one-way service roads, to divert traffic in event of I-20 closings.
171
Additional lanes in congested areas on I-20
194
Raise overpasses to safe height
172
Improve access across median barriers for law enforcement and safety equipment.
134
Add barriers to medians less than 80 feet wide including barriers from IH635 to
161
Implement access management techniques to reduce the number of driveways and
161
Improve road surface on sections rated fair or poor
176
Construct truck-only lanes.
174
Reconstruct access ramps to current standards
201
0
50
100
150
200
250


Goal #4 REDUCE CONGESTION AND ENHANCE MOBILITY FOR TRAVELERS AND FREIGHT
Widen Bridges
122
Ask State government for support and funding alternatives and consider Public-private partnerships.
167
Build relationships with passenger service providers including plans for service expansion and diversification.
178
Consider modified freight carrier behavior (new speed limits, schedules, etc.)
147
Coordination of improvements where municipalities are updating their infrastructure/ thoroughfare plans to complement this study effort
188
Consider rail hubs as connectors to urban areas
185
0
20
40
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80
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120
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160
180
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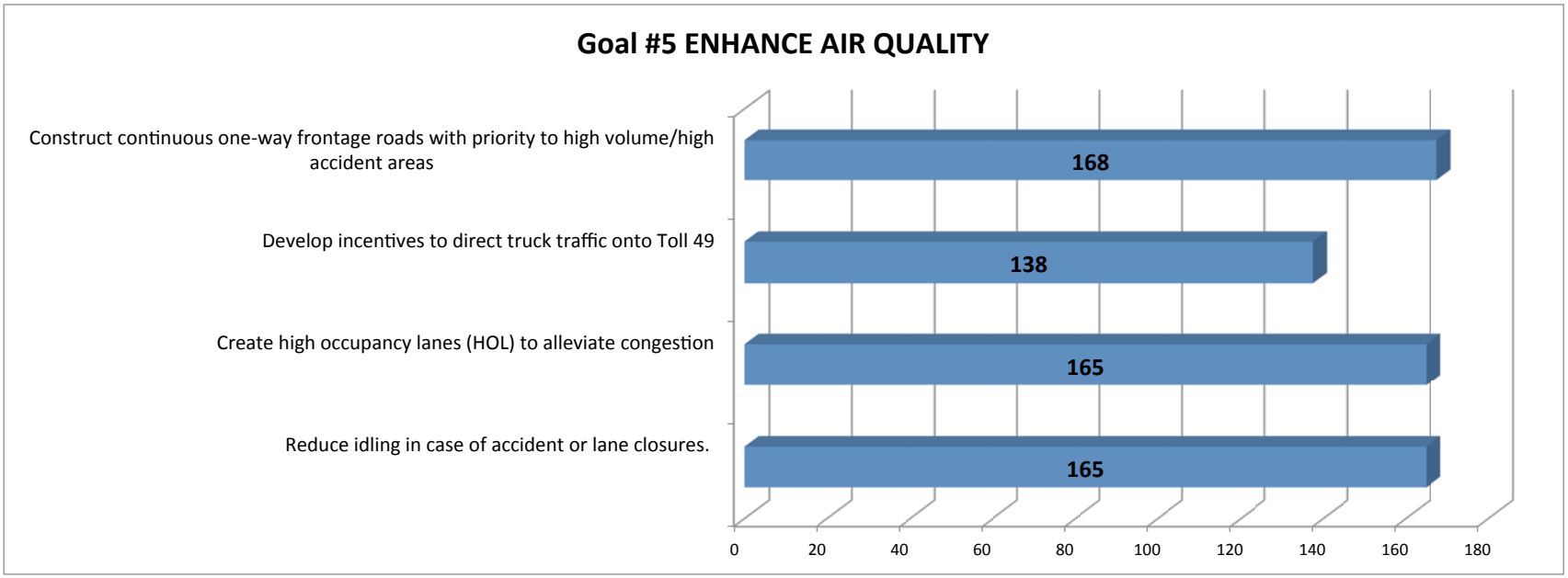
Goal #5 ENHANCE AIR QUALITY
Construct continuous one-way frontage roads with priority to high volume/high accident areas
168
Develop incentives to direct truck traffic onto Toll 49
138
Create high occupancy lanes (HOL) to alleviate congestion
165
Reduce idling in case of accident or lane closures.
165
0
20
40
60
80
100
120
140
160
180

Attachment 5

Early Successes for IH20 East Texas Corridor

Early Successes for IH 20 East Texas Corridor

Potential Capital Maintenance Solutions by Goal Theme	
Need Identified	**Implementation and Funding Ideas**
Involve Local Communities • Visioning along the corridor of potential impact to land uses immediately adjacent and/or 2 mile radius as it relates to safety • Transportation plans must compliment local development plans • Relationships with city, county and regional governments to build private partnerships with landowners, developers, etc. • Ensure MPO and RPO representation	• If requested by Advisory Committee, DFW MPO will conduct public outreach to refine project needs and match the needs to available funding options for IH 20 in DFW region. • Invite stakeholders and encourage their participation in the process
Consider Current and Future Multi-Modal Transportation Needs • Conceptual plan: include rail • IH 20 geometry and ROW must accommodate future passenger rail • Focus on building a network throughout the corridor utilizing all forms of transportation and provide planning • IH 20 corridor does not mean IH 20 only. Need to consider US 80 and US 175 as part of the corridor • Investigate light rail between Dallas and the Louisiana State Line utilizing IH 20 ROW • Higher speed passenger rail in IH 20 ROW?	• Study role of Gaming in Shreveport if Texas law is changed • Study role of Union Pacific Rail Corridor; the RTC's mobility plan identifies the Union Pacific as the best rail corridor option (at grade high speed rail) • Suggest that first rail project should be outside the DFW region to show early success

Reduce Congestion and Enhance Mobility • Extend service roads in areas to alleviate traffic on IH 20 • Coordination of thoroughfare plans where municipalities are updating their infrastructure/thoroughfare plans to complement the IH 20 study effort • Construct truck-only lanes • Widen bridges • Add frontage road lanes • Widen from four to six lanes	¬ • Consider utilizing HB1/Rainy Day Funds if election is successful
Enhance Air Quality • Continuous one-way frontage roads with priority to high volume/high accident areas	• Prioritize locations of need and submit in next Highway Safety Improvement Program • In DFW region, request STP-MM funds of the RTC

Improve Safety • Reconstruct access ramps to current standards • Construct truck-only lanes • Improve road surface to sections rated fair or poor • Access management techniques implementation: reduce the number of driveways and wide/open area driveways in close proximity to exit and entrance ramps • Add barriers to medians less than 80 feet in width • Raise overpasses to safe height across entire corridor • One-way service roads • Safety barriers – need better law enforcement access across barriers: allow law enforcement and safety equipment to cross barrier • Review speed limits and exit ramp length • Barrier from Kaufman County line to IH 635 • Focus on access roads update; concrete blocks on narrower parts of road	• Consider utilizing HB1/Rainy Day Funds if election is successful • Prioritize locations of need and consider utilizing HB1/Rainy Day Funds if election is successful • Utilize existing maintenance/rehab funds to implement • Fully utilize TxDOT's Access Management Policy • Submit in TxDOT's next Highway Safety Improvement Program • Identify affected bridges, increase height when bridges are reconstructed (Bridge Program) • Identify specific locations of need and Consider utilizing HB1/Rainy Day Funds if election is successful • Identify obstacles to implementation; Utilize existing maintenance/rehab funds to implement or submit in next Highway Safety Improvement Program • Submit in next Highway Safety Improvement Program • In DFW region, request STP-MM or CMAQ funds of the RTC