



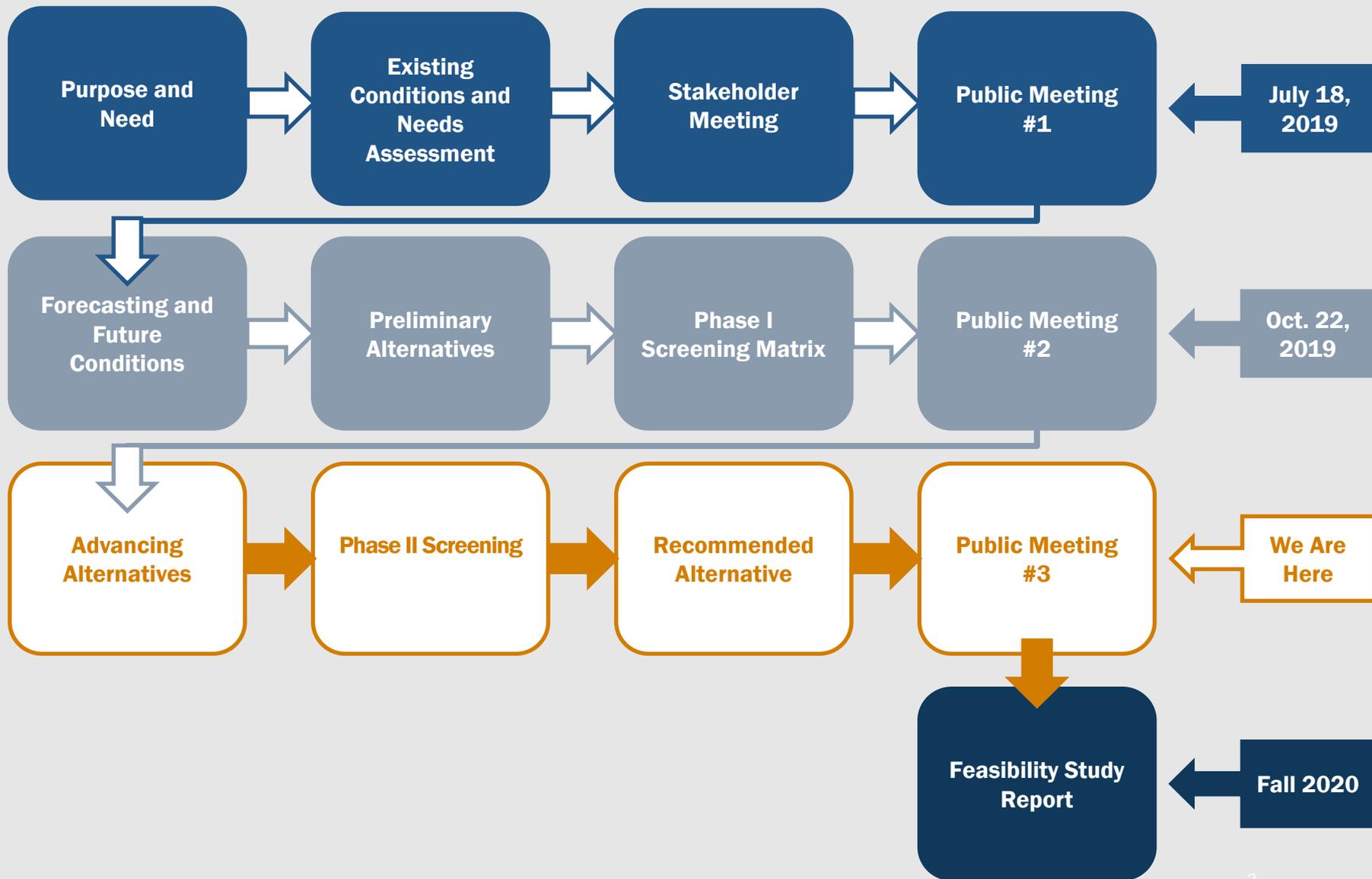
# US 277 Sonora Safety Route Study

Public Meeting #3

Sutton County Civic Center, Sonora, Texas

April 30, 2020

# US 277 Sonora Safety Route Study





## Public Meeting– October 22, 2019

- Presented traffic data (historic and 2019)
- Reviewed Preliminary Alternatives
- Reviewed Phase I Evaluation Matrix used to screen Preliminary Alternatives that will advance to Phase II Screening

## Feedback from the Meeting:

- 64 comments received
- Majority of commenters preferred the purple alternative, followed by the green alternative
- General Comments included:
  - Avoid residences
  - Keep the corridor close to Sonora
- A Meeting Summary can be found on [TxDOT.gov](http://TxDOT.gov)





- Present forecasted traffic data
- Present the Advancing Alternatives
- Solicit feedback on the Recommended Alternative

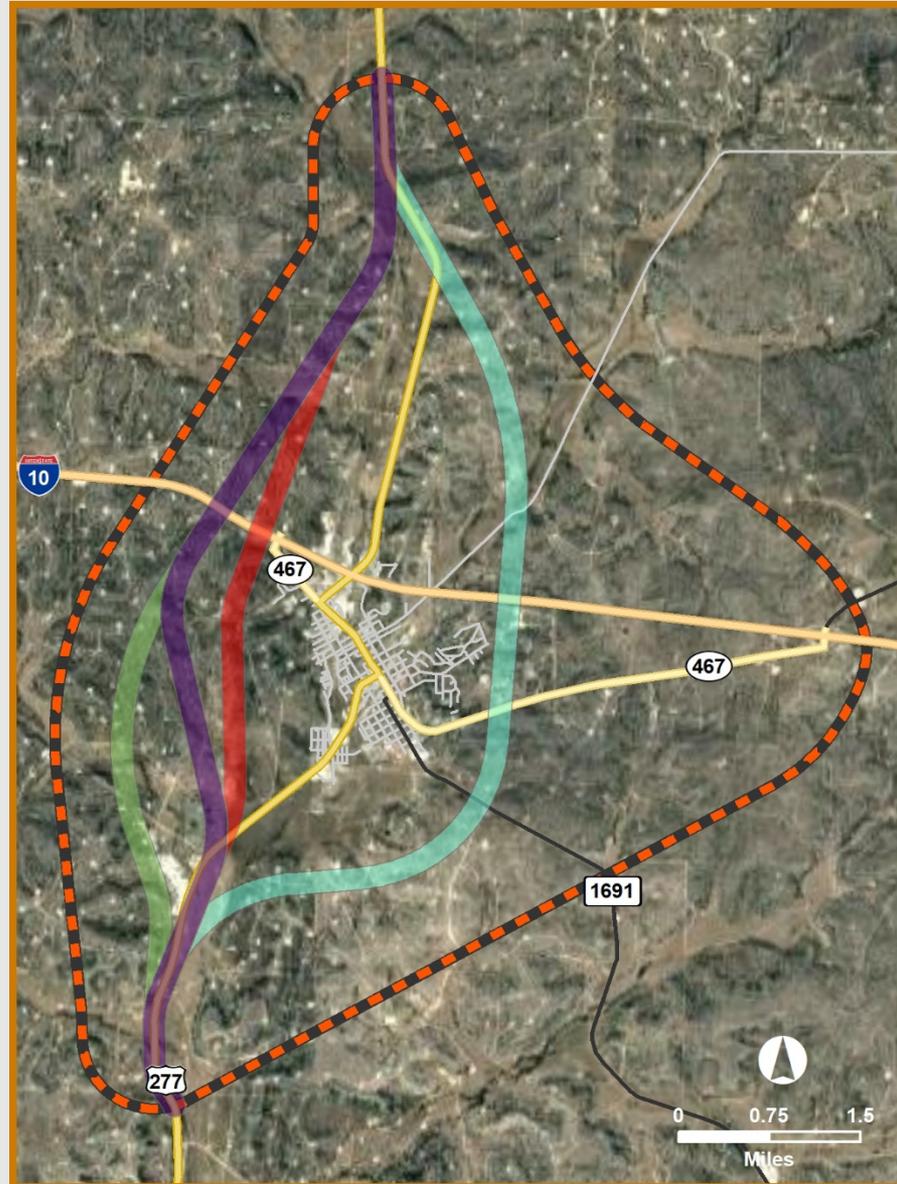


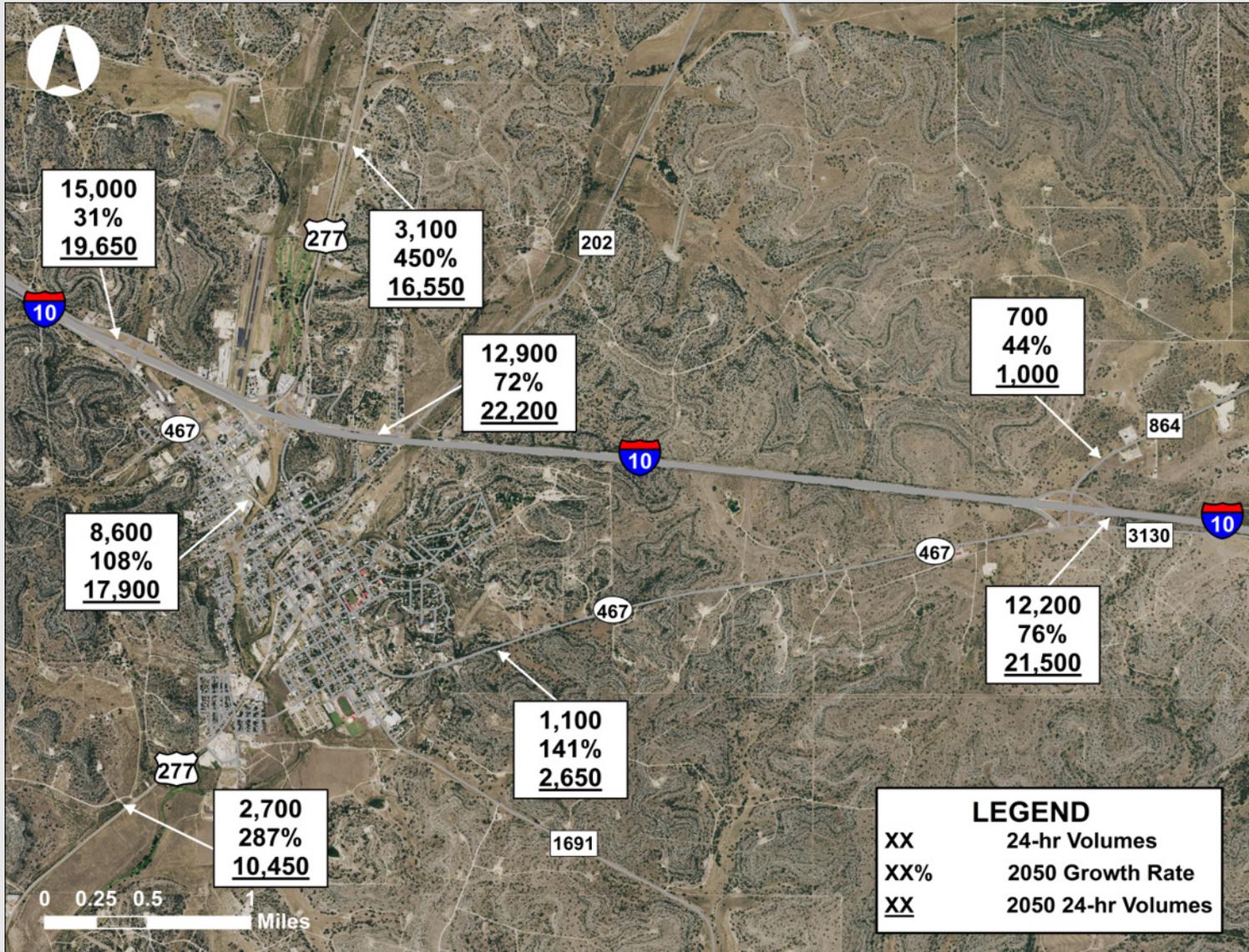
### **Provide a safe corridor alternative**

- Existing roadway conditions reduce opportunities for safety upgrades and future improvements.

### **Provide improved mobility and reduced congestion through construction of alternative route to existing corridor**

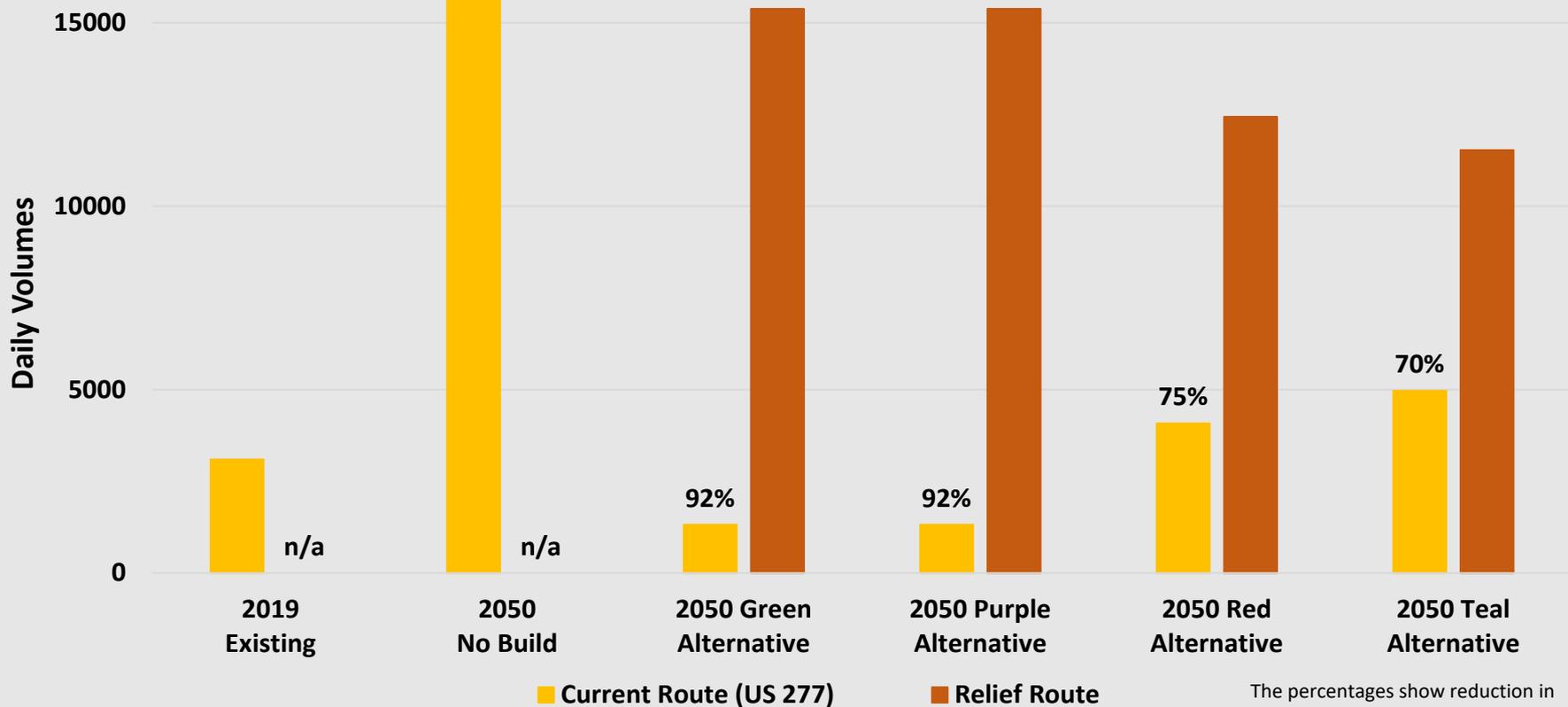
- There is a potential increase in hazardous and oversized cargo traveling by freight as traffic increases in the future.
- There are current traffic conflicts with traffic lights, driveways, and right turns through Sonora.





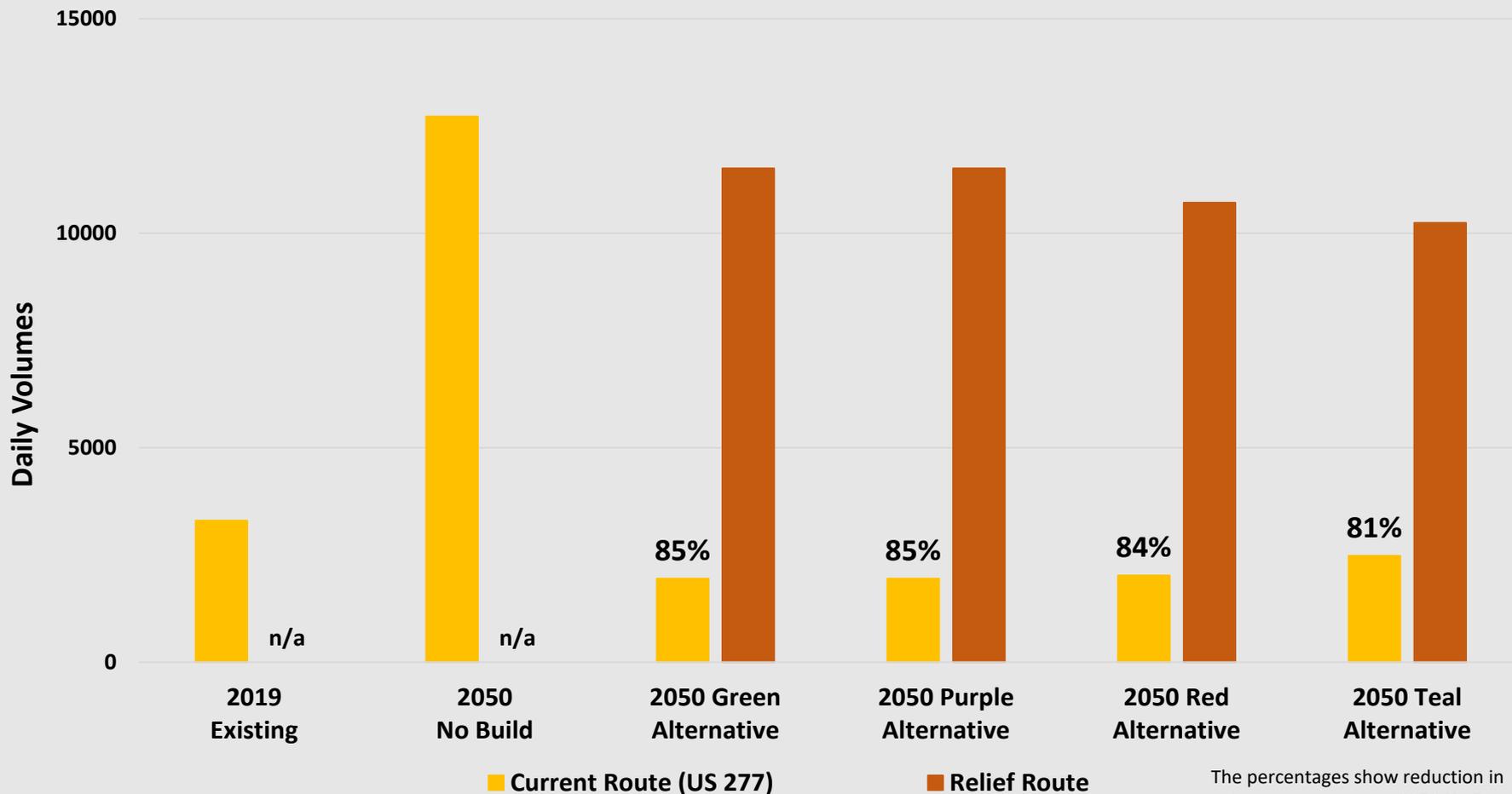


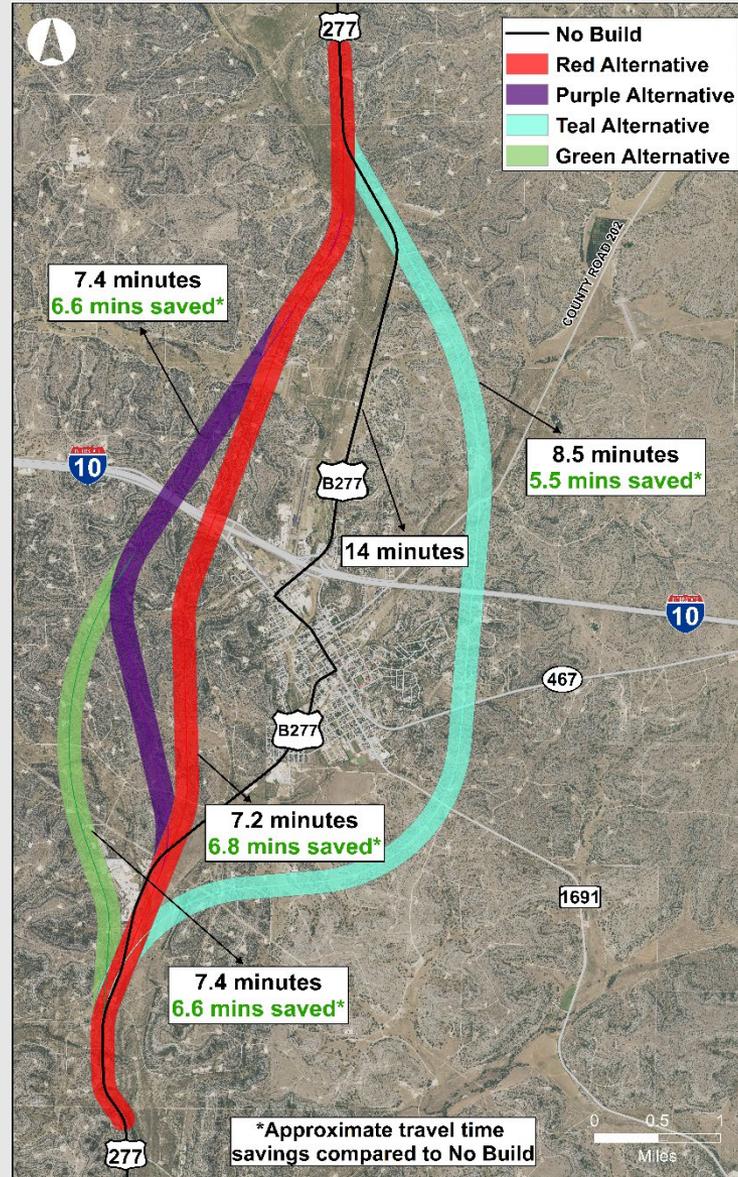
## Daily Traffic Diversion and Percent Reduction Due to Relief Route North of I-10





## Daily Traffic Diversion and Percent Reduction Due to Relief Route South of I-10

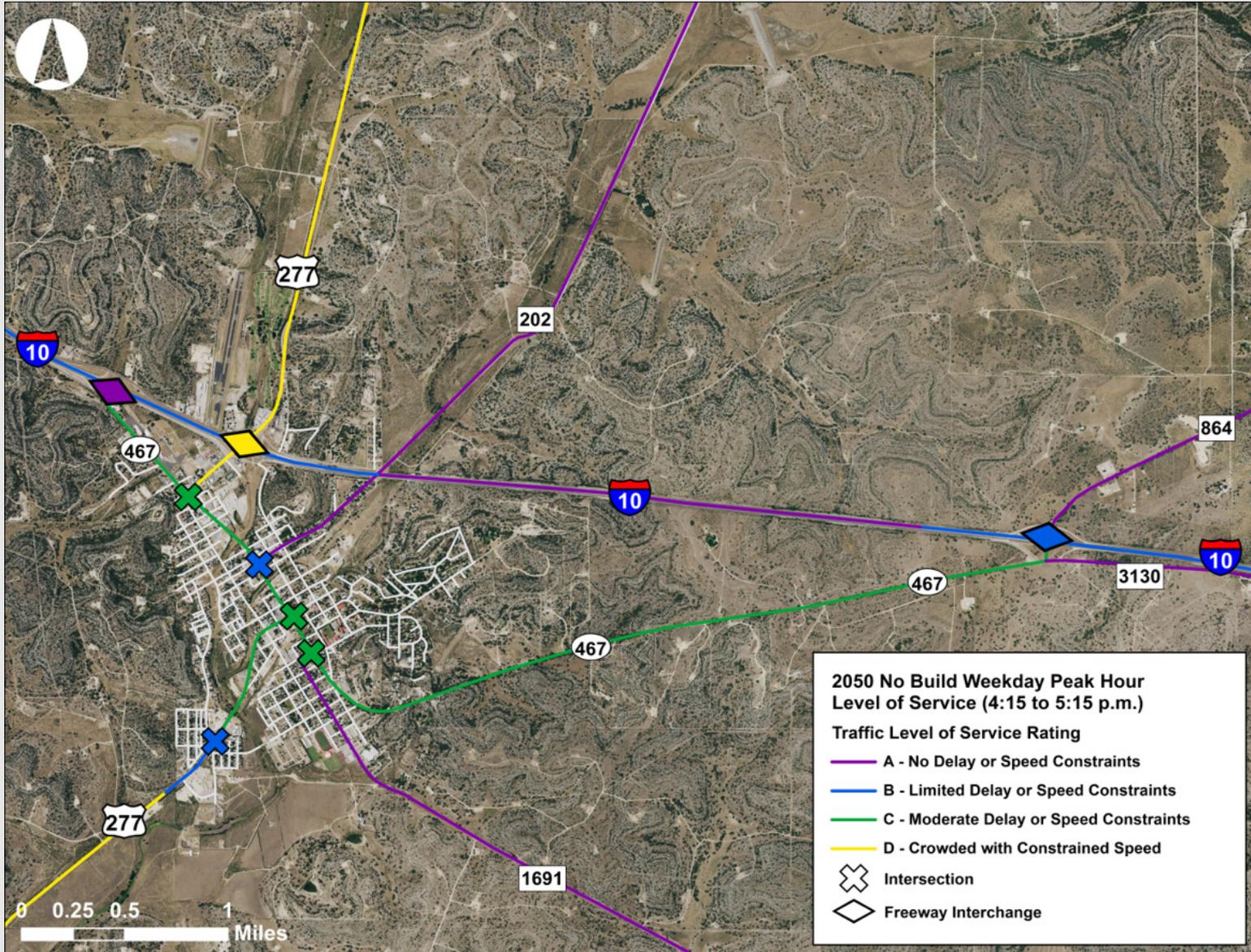




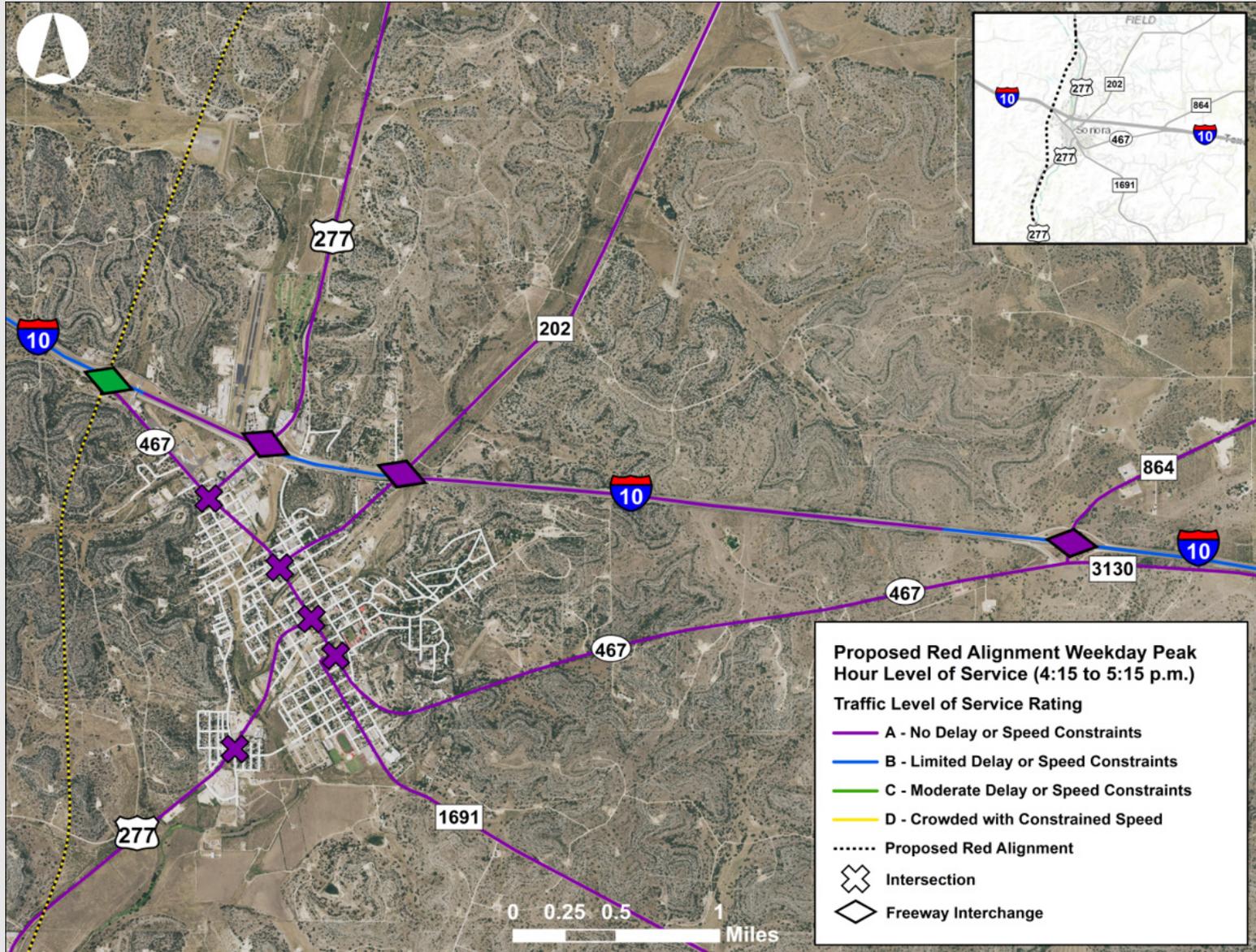


	Alternatives				
	No Build	Green	Purple	Red	Teal
2050 Estimated Crashes on Existing US 277 and Loop 467	66	14	14	21	20
2050 Estimated Crashes on Proposed Relief Route	N/A	29	29	25	29
Total estimated 2050 annual crashes	66	43	43	46	49
Estimated annual reduction in 2050 crashes	N/A	-23	-23	-20	-17

# No Build Level of Service (2050)



# Build Alternative Level of Service (under worse-case condition)

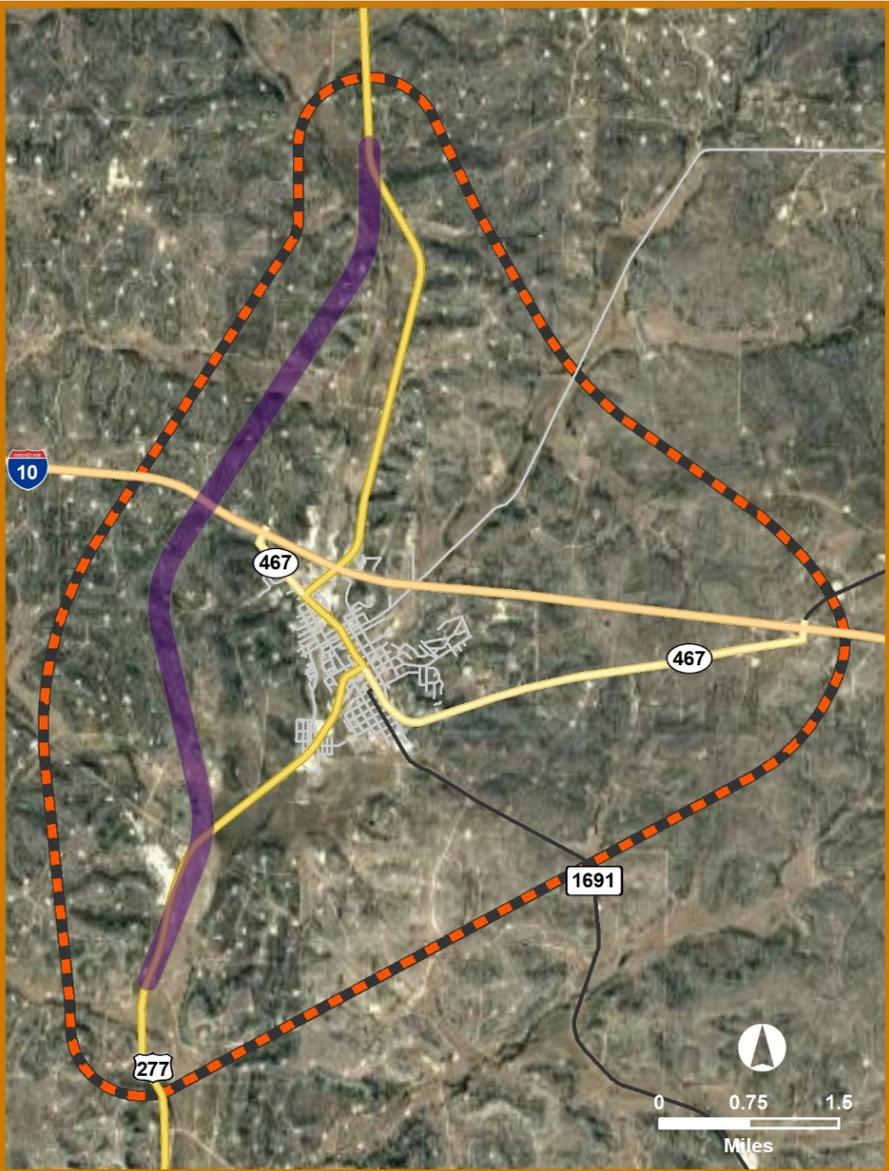


# Phase II Evaluation Matrix



CRITERIA	ALTERNATIVES			
	Green (8.08 miles)	Purple (7.74 miles)	Red (7.46 miles)	Teal (7.23 miles)
<b>Safety</b>				
Provides separate safety route for through traffic (yes/no)	Yes	Yes	Yes	Yes
Improves access of emergency services to emergency facilities (yes/no)	Yes	Yes	Yes	Yes
Improves access of motorists to emergency services (yes/no)	Yes	Yes	Yes	Yes
Reduces crashes (estimated change in 2050 crashes per year versus no build)	-23	-23	-20	-17
<b>Mobility</b>				
Reduces oversize traffic through downtown Sonora (yes/no)	Yes	Yes	Yes	Yes
Travel time savings (minutes)	6.6	6.6	6.8	5.5
Interstate compatibility (yes/ no)	Yes	Yes	Yes	Yes
Modifications to local connectivity and access (yes/no)	No	No	Yes	No
<b>Cost</b> (All costs are for planning purposes only. They are escalated to 2021 dollars and are not separated by funding source. Costs shown are not a guarantee that all project related costs will be funded by TxDOT.)				
Right-of-way cost (dollars)	500,000	451,000	446,000	563,000
Construction Cost (dollars)	510,400,000	451,900,000	476,300,000	610,800,000
<b>Environmental</b> (Within a 1,000-foot corridor, based on the typical section, an alignment would only require 400 feet of right-of-way within the 1,000-foot corridor.)				
Streams (linear feet)	20,664	19,491	18,565	22,423
Oil and gas wells (counts)	37	31	28	31
Pipeline crossings (feet)	87,187	78,293	80,301	75,681
Residences (count)	0	0	1	4
Businesses (count)	1	2	3	1
Environmental Justice - low income and/or minority populations (within one mile)	yes	yes	yes	yes
Parks and Recreational areas (count)	0	0	0	0
<b>Stakeholder Involvement</b>				
Stakeholder Responses	17	29	7	6

# Recommended Alternative





- Participants may submit comments via letter, email, or online.
- Participants may also call during regular office hours at 325-947-9247.
- Email project staff to ask questions about the project at any time during the comment period at [Ranee.Shields@txdot.gov](mailto:Ranee.Shields@txdot.gov)
- Participants can locate additional project information and the comment form at <https://www.txdot.gov/inside-txdot/get-involved/about/hearings-meetings/san-angelo/043020.html>



- Evaluate comments received at Public Meeting #3 and during the comment period (April 30, 2020 - May 15, 2020)
  - The comments received during this time period will be included in the Public Meeting Summary. However, the District will be available to answer questions about the project at any time during project development.
  
- Complete Technical Reports
  
- Prepare Final Feasibility Study Report