

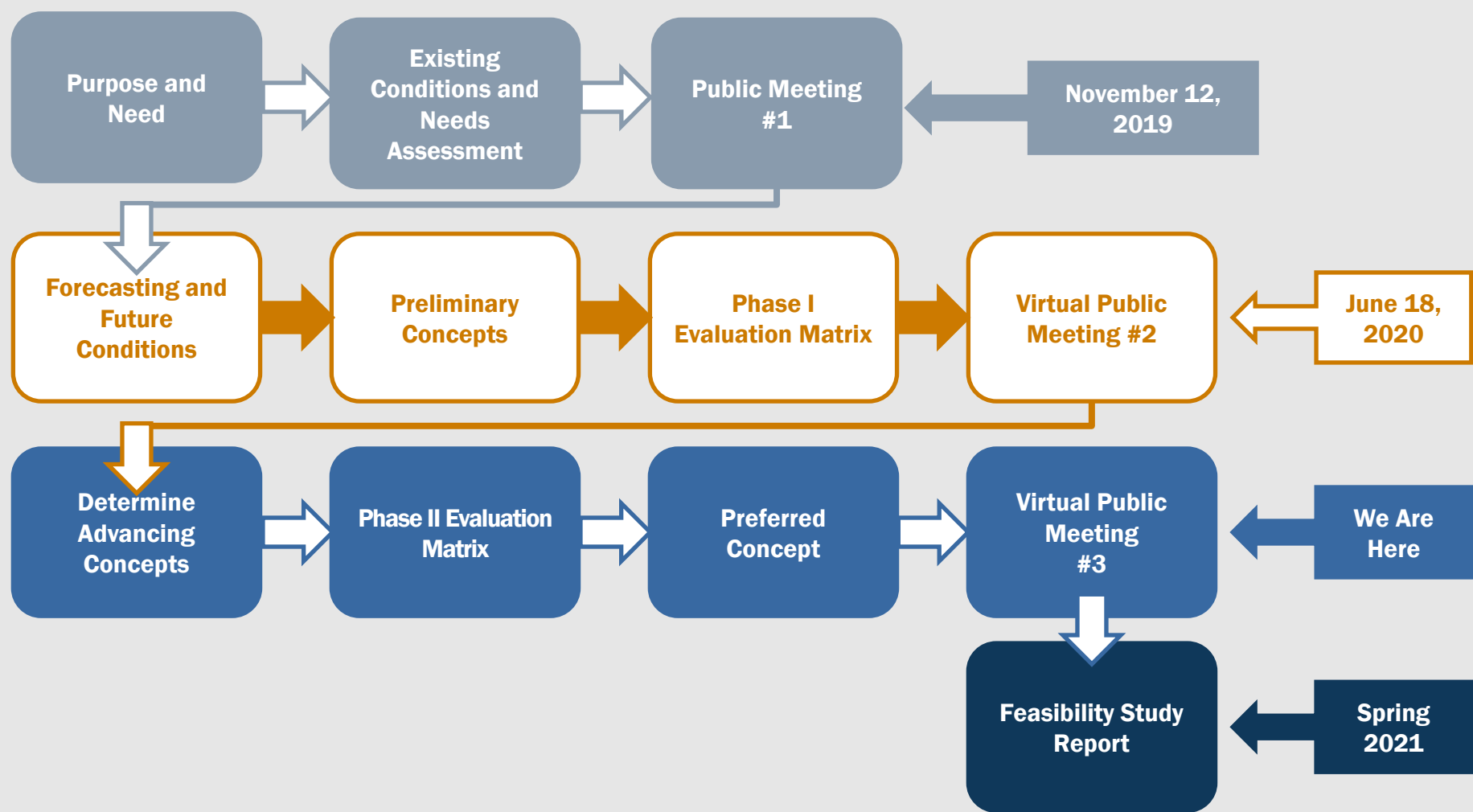


US 67/US 87 Relief Route Study

Virtual Public Meeting
San Angelo, Texas



January 20, 2021





Top Goals:

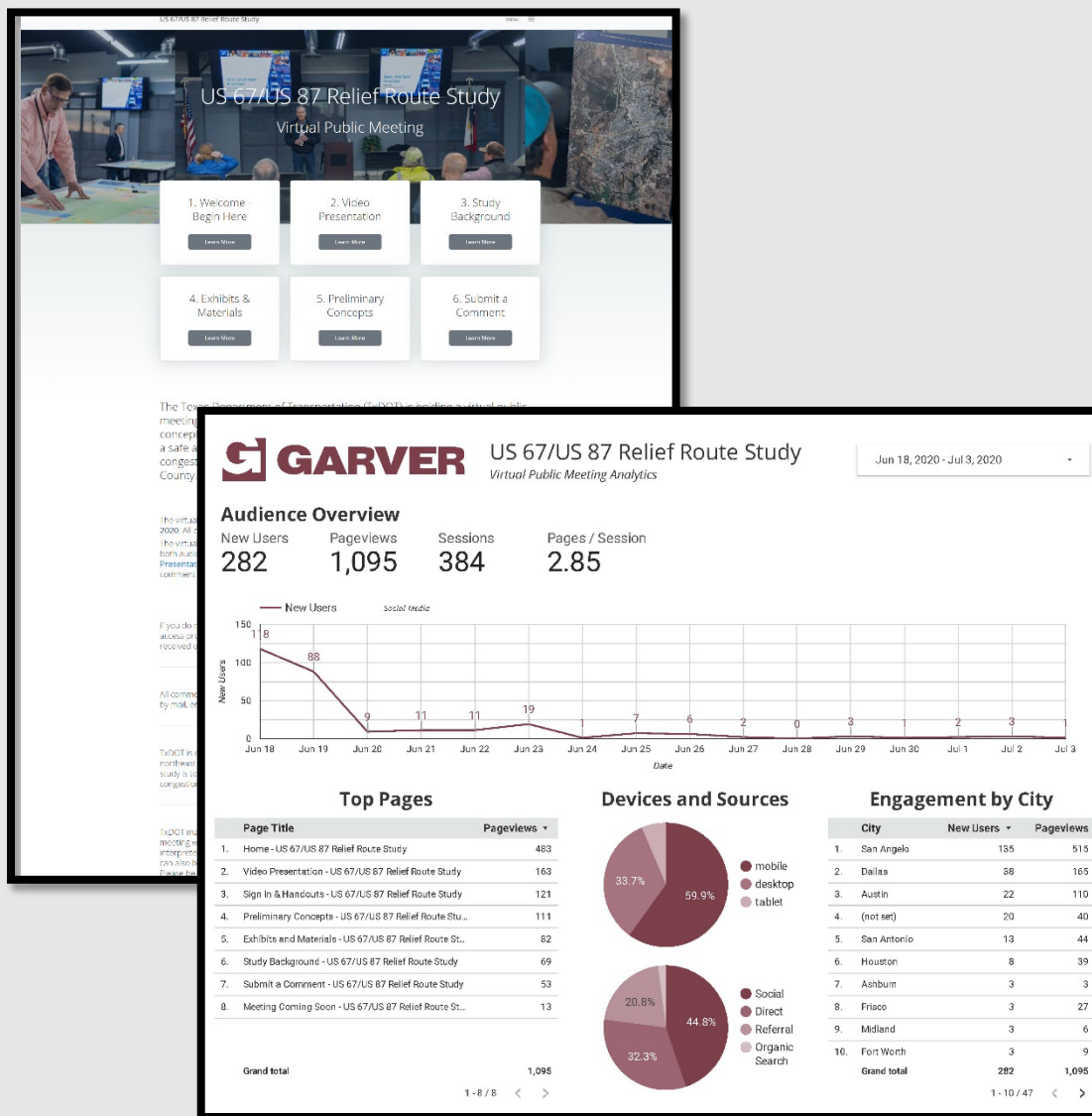
- Provide a safe and efficient connection between US 67 and US 87
- Support the economic activity, employment growth, and encourage businesses into the area by providing efficient transportation connections for movement of freight and people
- Promote consistency between transportation improvements and state and local planned growth and economic development patterns

Comments Included:

- Provide a safe alternative
- Impact the least amount of property owners
- Avoid the pet cemetery



What We Heard From You (Feedback from Virtual Public Meeting #2 – June 18, 2020)



- Virtual Public Meeting with recorded presentation was available for the 15-day comment period
- 282 distinct visitors
- 43 sign-ins
- 15 comments with preferences of Preliminary Concepts

Comments Included:

- Support for the relief route
- Support for the preliminary concepts with the least amount of impacts
- Concern to future agricultural operations
- Suggestions for potential modifications to the Preliminary Concepts



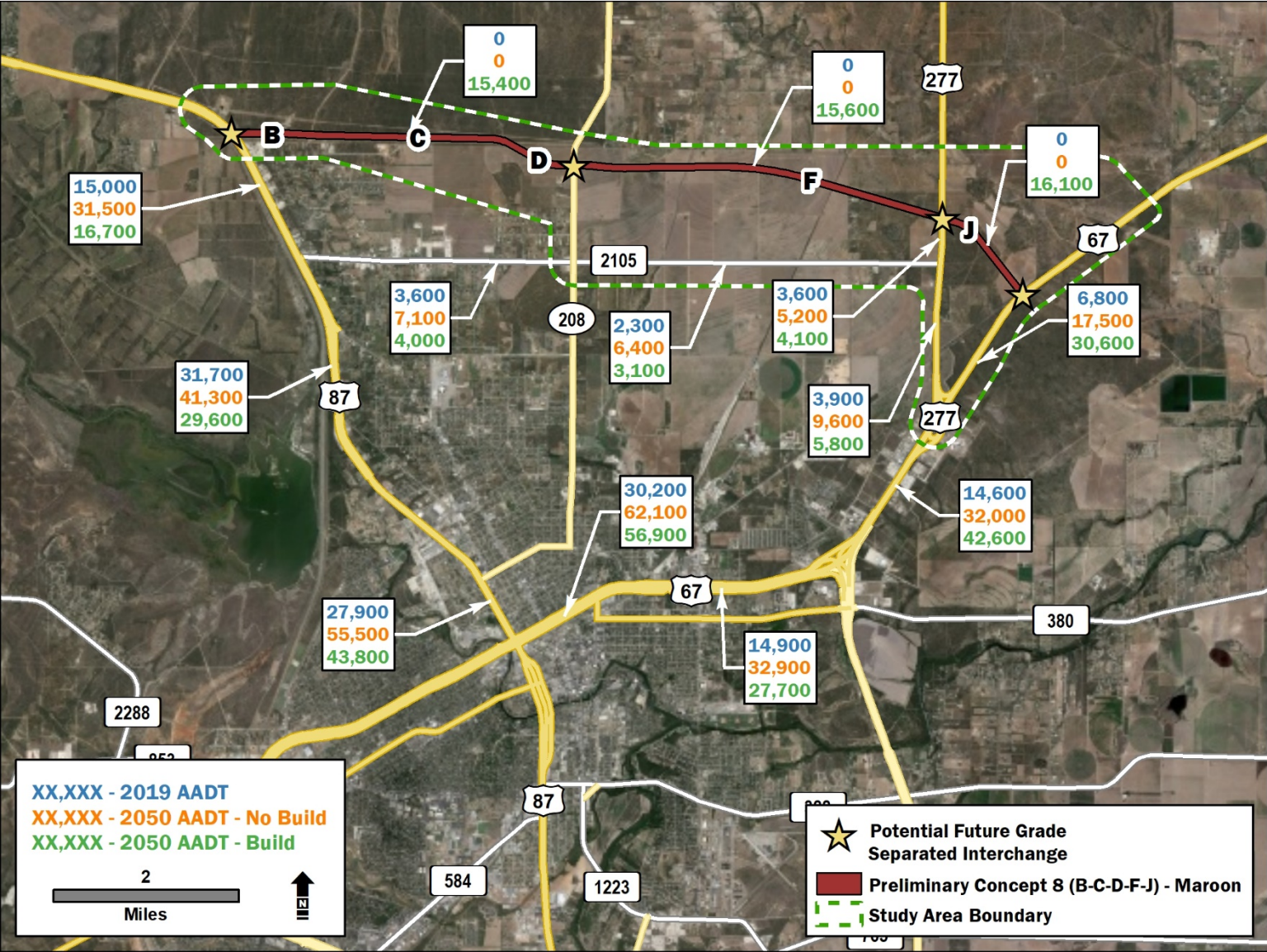
Purpose

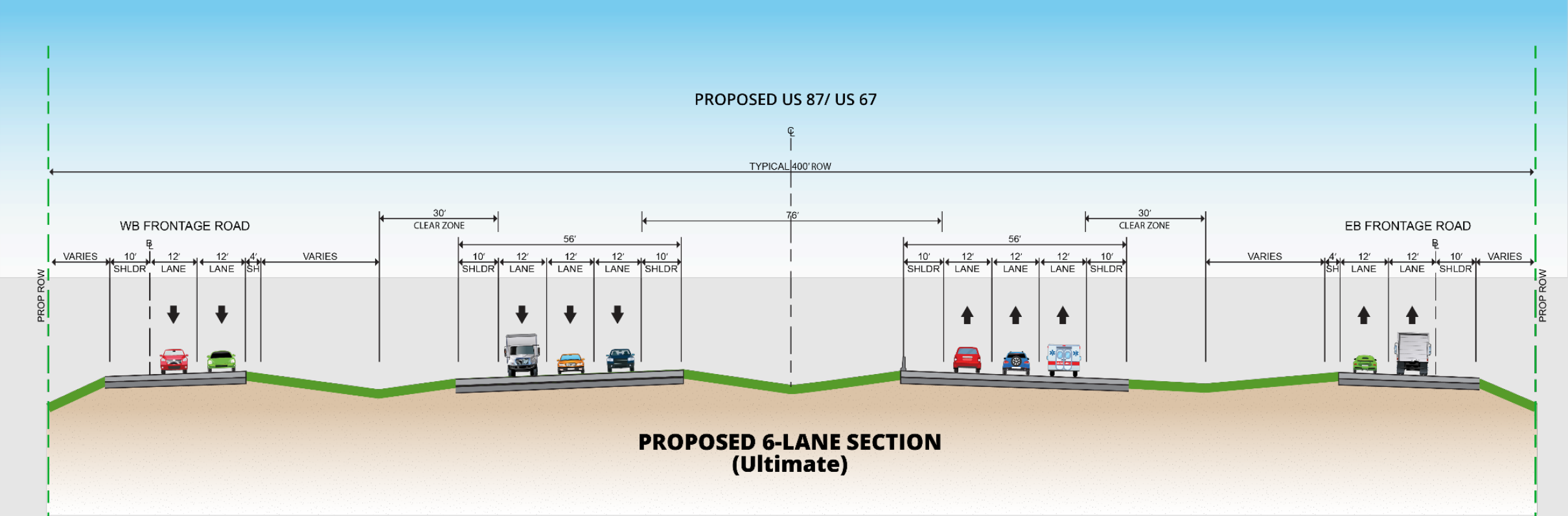
- An alternative route to the existing US 67/US 87 through the City of San Angelo and Tom Green County has been planned and constructed in phases. The purpose of the alternative connection between existing US 67 and US 87 is to reduce congestion, enhance mobility and improve safety through the City of San Angelo and Tom Green County.

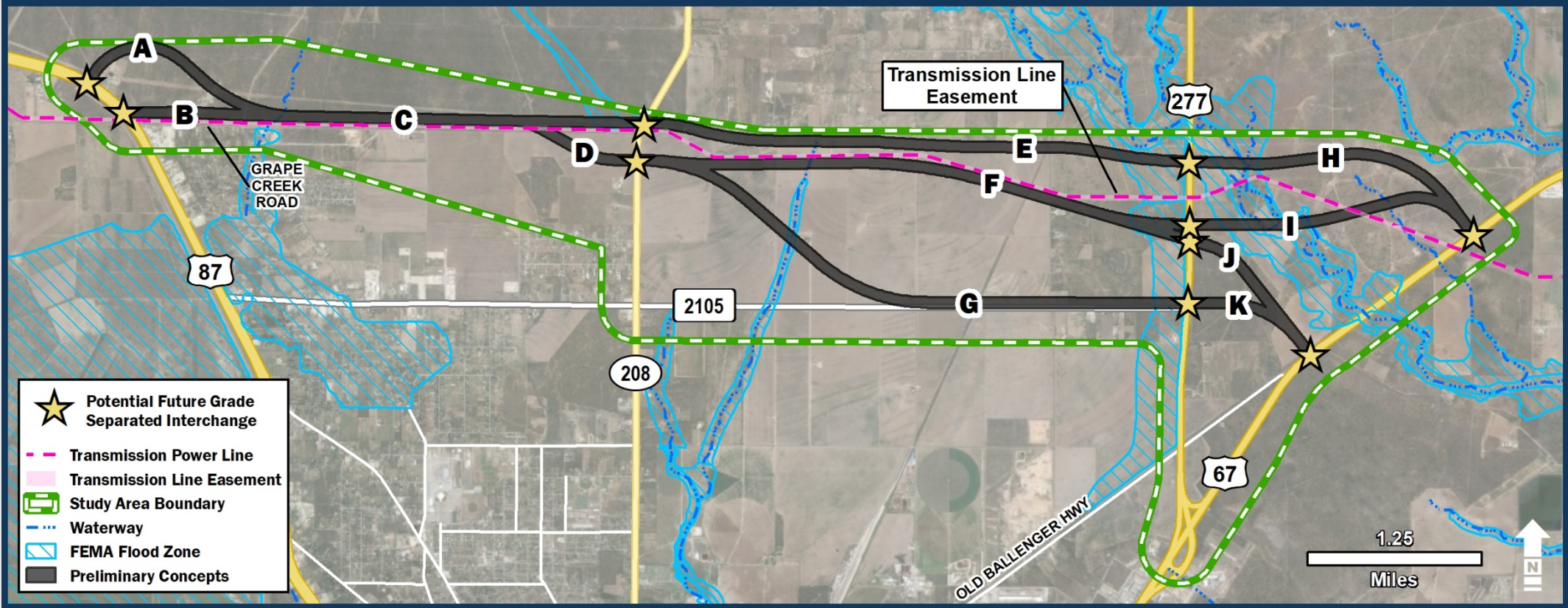
Need

- An alternative route to the existing US 67/US 87 is needed due to congestion, mobility, and safety issues associated with traffic, including local, through, and freight, being routed through downtown San Angelo.

The Ports-to-Plains Advisory Committee recommended a relief route around San Angelo for the future I-27 corridor. The relief route may serve as that future I-27 corridor as determined through additional environmental studies.







PRELIMINARY CONCEPTS	
Preliminary Concept 1 (A-C-E-H)	Preliminary Concept 5 (B-C-E-H)
Preliminary Concept 2 (A-C-D-G-K)	Preliminary Concept 6 (B-C-D-G-K)
Preliminary Concept 3 (A-C-D-F-I)	Preliminary Concept 7 (B-C-D-F-I)
Preliminary Concept 4 (A-C-D-F-J)	Preliminary Concept 8 (B-C-D-F-J)

Phase I Evaluation Matrix



Criteria	Preliminary Concepts								
	No Action	Preliminary Concept 1 (A-C-E-H) Green 10.45 miles	Preliminary Concept 2 (A-C-D-G-K) Orange 9.53 miles	Preliminary Concept 3 (A-C-D-F-I) Purple 10.44 miles	Preliminary Concept 4 (A-C-D-F-J) Pink 9.53 miles	Preliminary Concept 5 (B-C-E-H) Brown 9.95 miles	Preliminary Concept 6 (B-C-D-G-K) Gold 9.03 miles	Preliminary Concept 7 (B-C-D-F-I) Blue 9.94 miles	Preliminary Concept 8 (B-C-D-F-J) Maroon 9.03 miles
Safety									
Provides route with updated design criteria (yes/no)	NO	YES	YES	YES	YES	YES	YES	YES	YES
Improves access of emergency services to emergency facilities (yes/no)	NO	YES	YES	YES	YES	YES	YES	YES	YES
Improves access of motorists to emergency services (yes/no)	NO	YES	YES	YES	YES	YES	YES	YES	YES
Mobility									
Reduces oversize traffic through downtown San Angelo (yes/no)	NO	YES	YES	YES	YES	YES	YES	YES	YES
US Highway compatibility (yes/no)	NO	YES	YES	YES	YES	YES	YES	YES	YES
Modifications to local connectivity and access (yes/no)	NO	YES	YES	YES	YES	YES	YES	YES	YES
Environmental (amounts are for within 1,000 foot corridor)*									
Streams (linear feet)	n/a	1,600	800	2,400	800	1,600	800	2,400	800
Dry Oil and gas wells (counts)	n/a	1	2	1	1	2	3	2	2
Pipeline crossings (feet)	n/a	1,259	1,360	1,992	1,226	1,300	1,401	2,033	1,267
Residences (count)	n/a	6	4	0	0	6	4	0	0
Businesses (count)	n/a	1	1	1	1	1	1	1	1
Environmental Justice - Low Income and/or Minority populations (1-mile)	n/a	YES	YES	YES	YES	YES	YES	YES	YES
Parks and recreation areas (acres)	n/a	0	0	0	0	0	0	0	0
100-year floodplain (acres)	n/a	59.20	10.07	48.74	19.16	59.20	10.07	48.74	19.16

*The width of each alternative is 400 feet which includes 3 mainlanes and 2 frontage road lanes in each direction

Phase II Evaluation Matrix: Safety and Mobility



Criteria	Preliminary Concepts								
	No Action	Preliminary Concept 1 (A-C-E-H) - Green 10.45 miles	Preliminary Concept 2 (A-C-D-G-K) - Orange 9.53 miles	Preliminary Concept 3 (A-C-D-F-I) - Purple 10.44 miles	Preliminary Concept 4 (A-C-D-F-J) - Pink 9.53 miles	Preliminary Concept 5 (B-C-E-H) - Brown 9.95 miles	Preliminary Concept 6 (B-C-D-G-K) - Gold 9.03 miles	Preliminary Concept 7 (B-C-D-F-I) - Blue 9.94 miles	Preliminary Concept 8 (B-C-D-F-J) - Maroon 9.03 miles
Safety									
Provides route with updated design criteria (yes/no)	NO	YES	YES	YES	YES	YES	YES	YES	YES
Improves access of emergency services to emergency facilities (yes/no)	NO	YES	YES	YES	YES	YES	YES	YES	YES
Improves access of motorists to emergency services (yes/no)	NO	YES	YES	YES	YES	YES	YES	YES	YES
Meets geometric design criteria	n/a	YES	YES	YES	YES	YES	YES	YES	YES
No. of skewed Intersections	n/a	0	0	0	1	1	1	0	2
Estimated Reduction in Crashes per Year	n/a	3	4	3	4	4	4	4	4
Mobility									
Reduces oversize traffic through downtown San Angelo (yes/no)	NO	YES	YES	YES	YES	YES	YES	YES	YES
Travel time savings vs US 87NW to US 67NE via FM 2105 route (minutes)	NO	5.8	5.3	5.9	5.3	5.8	5.3	5.9	5.3
Travel time savings vs US 87NW to US 67NE via US 67 & US 87 route (minutes)	NO	8.8	8.3	8.9	8.3	8.8	8.3	8.9	8.3
US Highway compatibility (yes/no)	NO	YES	YES	YES	YES	YES	YES	YES	YES
Travel distance reduction US 87NW to US 67NE via FM 2105 route (miles)	NO	1.95	1.37	1.96	1.37	1.95	1.37	1.96	1.37
Travel distance reduction US 87NW to US 67NE via US 87 & US 67 route (miles)	NO	5.05	4.47	5.06	4.47	5.05	4.47	5.06	4.47
Traffic diversion (Forecast 2050 AADT range, no P2P: west-east ends)	NO	5,200 to 5,900	5,200 to 5,900	5,200 to 5,900	5,200 to 5,900	5,200 to 5,900	5,200 to 5,900	5,200 to 5,900	5,200 to 5,900
Traffic diversion (Forecast 2050 AADT range, with P2P: west-east ends)	NO	15,200 to 15,900	15,200 to 15,900	15,200 to 15,900	15,200 to 15,900	15,200 to 15,900	15,200 to 15,900	15,200 to 15,900	15,200 to 15,900

Phase II Evaluation Matrix: Cost and Environmental



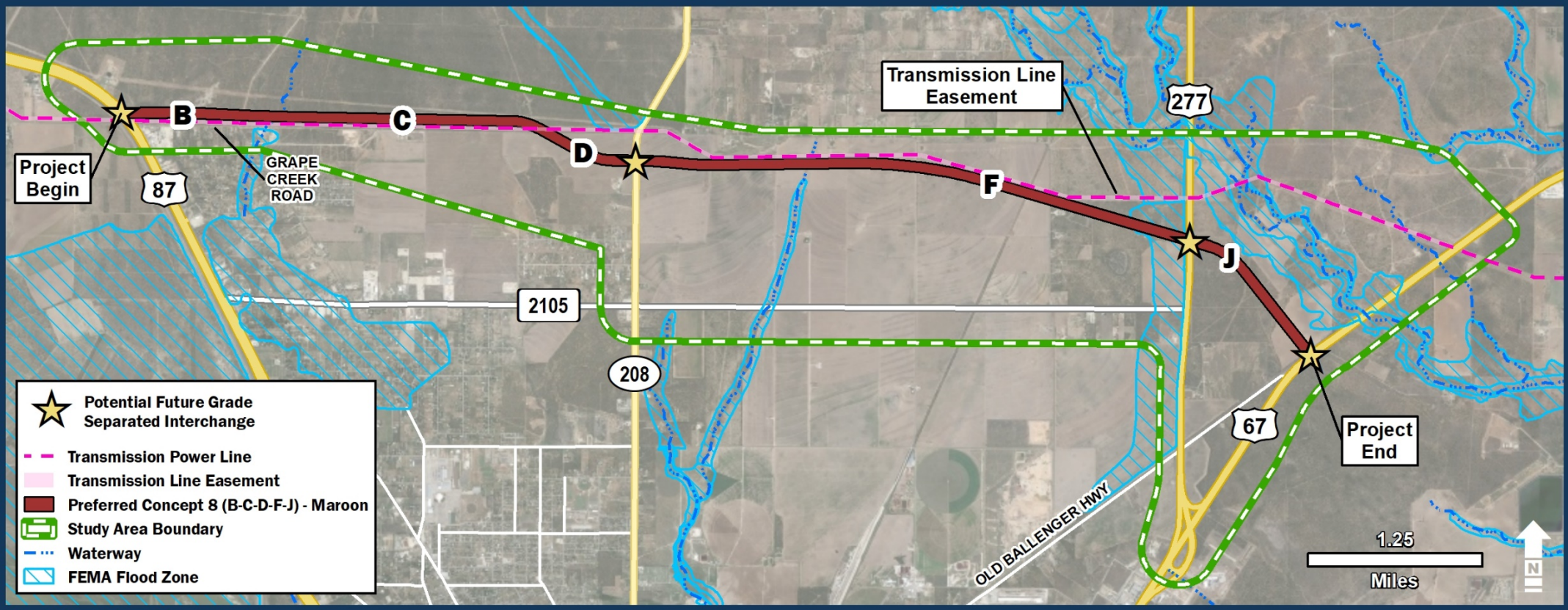
Criteria	Preliminary Concepts								
	No Action	Preliminary Concept 1 (A-C-E-H) - Green 10.45 miles	Preliminary Concept 2 (A-C-D-G-K) - Orange 9.53 miles	Preliminary Concept 3 (A-C-D-F-I) - Purple 10.44 miles	Preliminary Concept 4 (A-C-D-F-J) - Pink 9.53 miles	Preliminary Concept 5 (B-C-E-H) - Brown 9.95 miles	Preliminary Concept 6 (B-C-D-G-K) - Gold 9.03 miles	Preliminary Concept 7 (B-C-D-F-I) - Blue 9.94 miles	Preliminary Concept 8 (B-C-D-F-J) - Maroon 9.03 miles
Cost*									
Parcels Impacted (count)	0	32	24	22	20	32	24	22	20
Right of way cost (dollars)	\$0	\$13,700,000	\$12,200,000	\$12,700,000	\$11,800,000	\$12,650,000	\$11,200,000	\$11,700,000	\$10,800,000
Construction cost (dollars)	\$0	\$764,500,000	\$489,200,000	\$686,300,000	\$467,500,000	\$747,800,000	\$472,500,000	\$669,600,000	\$450,800,000
Environmental (amounts are for within 1,000-foot corridor)**									
Streams (linear feet)	n/a	1,600	800	2,400	800	1,600	800	2,400	800
Dry Oil and gas wells (counts)	n/a	1	2	1	1	2	3	2	2
Pipeline crossings (feet)	n/a	1,259	1,360	1,992	1,226	1,300	1,401	2,033	1,267
Residences (count)	n/a	6	4	0	0	6	4	0	0
Businesses (count)	n/a	1	1	1	1	1	1	1	1
Environmental Justice - Low Income and/or Minority populations (1-mile)	n/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Parks and recreation areas (acres)	n/a	0	0	0	0	0	0	0	0
100-year floodplain (acres)	n/a	59.20	10.07	48.74	19.16	59.20	10.07	48.74	19.16
Stakeholder Involvement***									
Stakeholder Response		1	2	1	0	3	1	1	2

*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.

**The width of each alternative is 400 feet which includes 3 mainlanes and 2 frontage road lanes in each direction.

***Stakeholder input was given at the June 18th meeting

Preferred Concept – Concept 8 (B-C-D-F-J, Maroon)





Please provide your comments in the following ways:


- ✓ Provide Input on the Preferred Concept on the interactive map
- ✓ Fill out a Comment Form and submit online, or print and mail to:
Texas Department of Transportation
c/o Randee Shields, P.E.
4502 Knickerbocker Road
San Angelo, Texas 76904
- ✓ Call 325-947-9202 to submit a comment
- ✓ Email Randee.Shields@txdot.gov to submit a comment

Comment Form and Project Information can be found here:
<https://sanangeloreliefroute.transportationplanroom.com/>



US 67/US 87 Relief Route Study

MENU



US 67/US 87 Relief Route Study

Virtual Public Meeting

Sign-In

▶

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Jan 21, 2021 Online Meeting

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Study Background

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Exhibits & Materials

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Preferred Concept

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◀ Submit a Comment

◀ Maps



Following the public comment period, which ends on February 5, 2021, TxDOT will:

- Evaluate comments received during the Public Meeting #3 comment period (January 20, 2021 – February 5, 2021)
- Complete Technical Reports - Purpose and Need, Concept Evaluation Analysis, and Traffic Reports.
- Prepare Feasibility Study Report
- Present Recommended Concept to San Angelo Metropolitan Planning Organization – late Spring