



The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried-out by TxDOT pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated December 16, 2014, and executed by FHWA and TxDOT.





La revisión ambiental, consultas y otras acciones requeridas por las leyes ambientales federales aplicables para este proyecto están siendo o han sido, llevado a cabo por TxDOT - en virtud de 23 USC 327 y un Memorando de Entendimiento fechado el 16 de diciembre del 2014, y ejecutado por la FHWA y el TxDOT.



FM 1110 (Clint Cutoff Road) Widening & Realignment

I-10 to SH 20 (Alameda Avenue)



Purpose and Need

The purpose of the proposed project is to improve system linkage, capacity and mobility by providing a direct connection between I-10 and SH 20 (Alameda Avenue). The proposed transportation improvements to FM 1110 would help facilitate the safe and efficient movement of people and goods in the Lower Valley.

FM 1110 (Clint Cutoff Road) Widening & Realignment

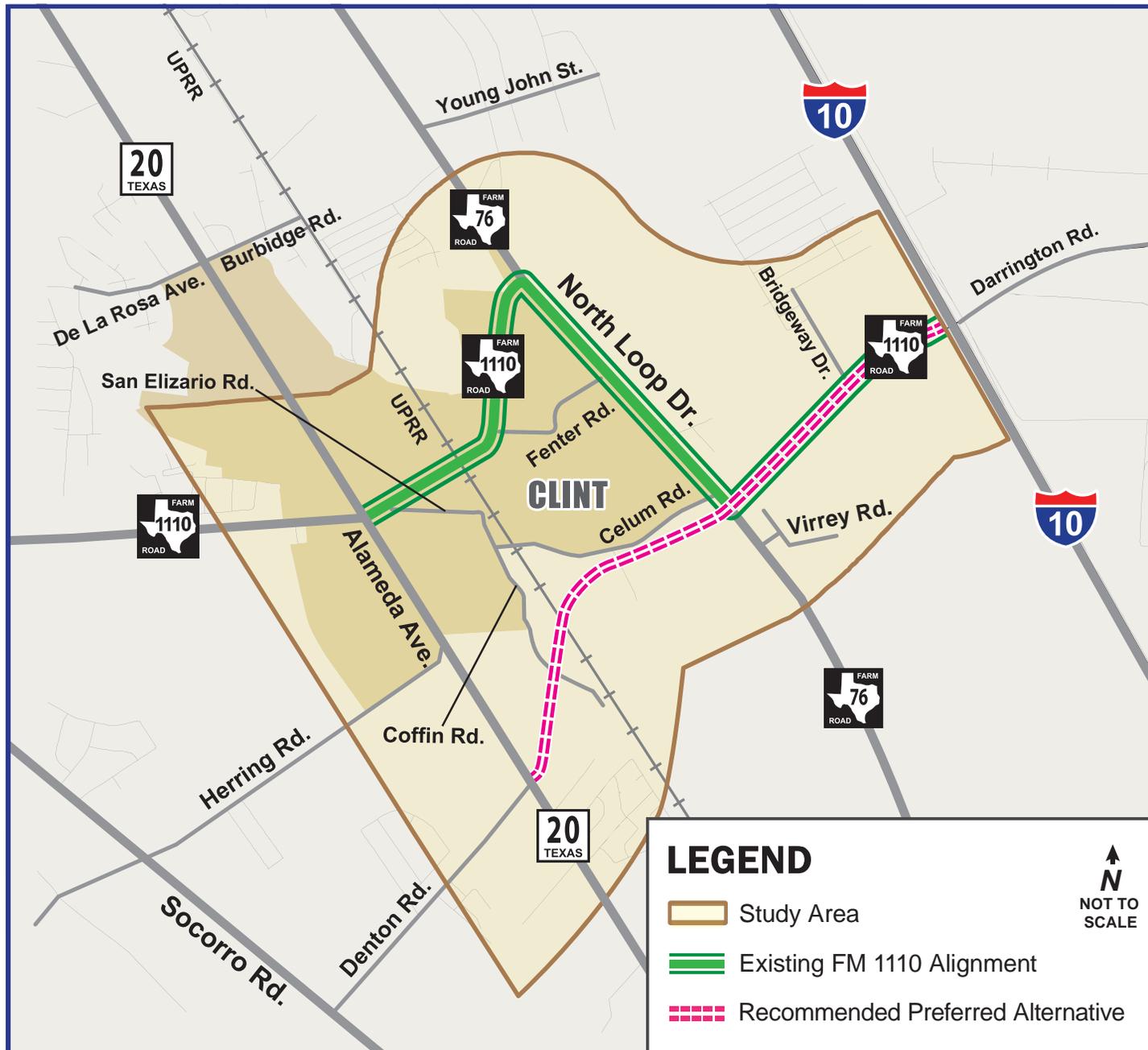
I-10 to SH 20 (Alameda Avenue)

El Paso County, Texas, CSJ: 1281-02-007, etc.



TEXAS DEPARTMENT OF TRANSPORTATION

Project Location Map



FM 1110 (Clint Cutoff Road) Widening & Realignment

I-10 to SH 20 (Alameda Avenue)

El Paso County, Texas, CSJ: 1281-02-007, etc.



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General Project Information

Limits: FM 1110 (Clint Cutoff Road) from I-10 to SH 20 (Alameda Avenue)

Project length: Approximately 2.76 miles

County: El Paso

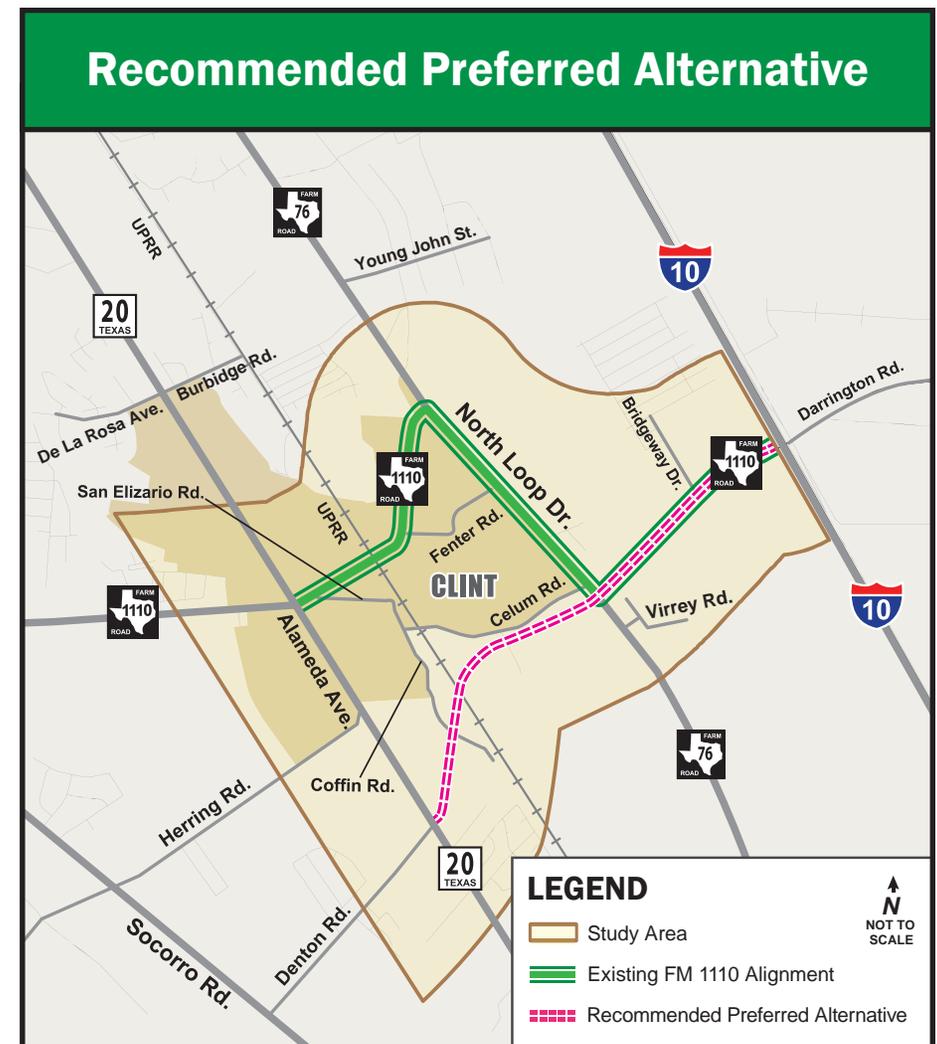
Anticipated Construction Cost: \$35 million

Improvements include:

- The proposed project includes the widening and realignment of FM 1110 to provide a direct connection between I-10 and SH 20.
- Four travel lanes (two lanes in each direction), a raised median to allow for turning lanes at intersections, sidewalks and bicycle lanes.
- Additionally, the proposed project would provide improvements to the intersections at FM 76 and SH 20, an overpass at the Union Pacific Railroad tracks, a bridge over the 100-year floodplain near FM 76, and drainage improvements.

Phases: The proposed project may be constructed in phases:

- **Phase I:** Consists of widening FM 1110 between I-10 and FM 76
- **Phase II:** Consists of realigning FM 1110 between FM 76 and SH 20 at a new location



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Potential Environmental Impacts



Right of Way/Relocations

- Approximately 39 acres of additional ROW from 24 parcels would be required
- Approximately 0.14 acre of a permanent easement would be required from one parcel
- One potential residential relocation



Cultural Resources/Section 4(f)

The Proposed project would cross 3 EPCWID No. 1 features

- Crossings would be designed and constructed to avoid any adverse effects to these features
- A Section 4(f) de minimis impact determination is anticipated for crossings of the EPCWID No. 1 features



Traffic Noise

Project would result in traffic noise impacts

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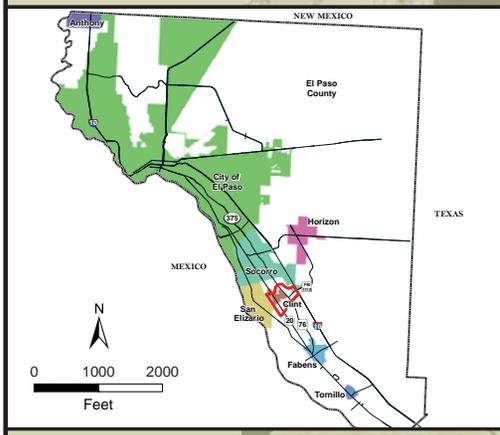
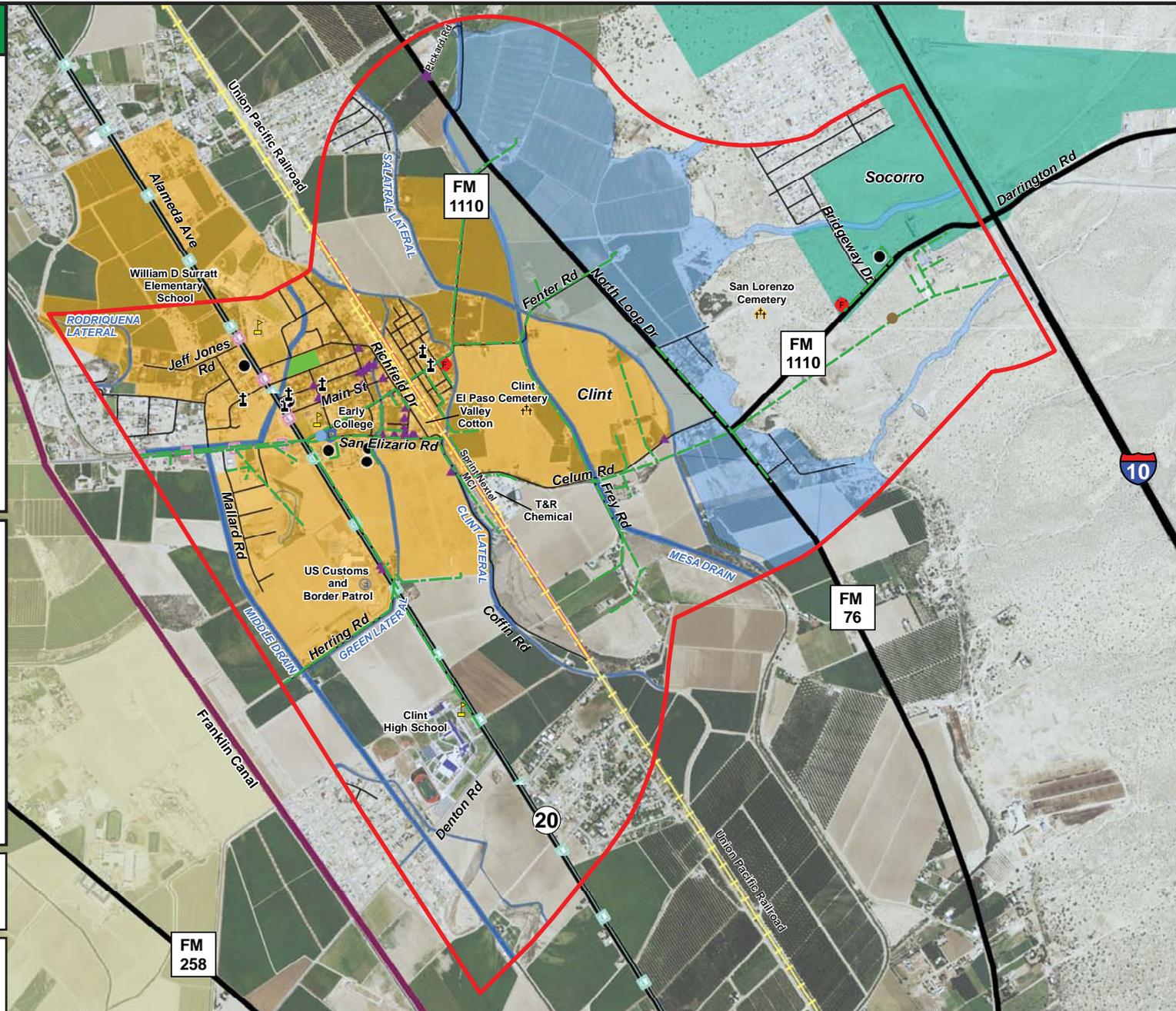


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Constraints Map

LEGEND

FM 1110 Study Area	El Paso Electric Co. Utility Line
School	MCI Utility Line
Place of Worship	Sprint Nextel Utility Line
Cemetery	El Paso County Rural Transit Bus Route 40
Border Patrol	El Paso County Rural Transit Bus Route 84
Fire Dept.	Major Arterial
Police Dept.	Local Road
Park	Union Pacific Railroad
Historic-Age Structures	Municipal Building
Pond	Town of Clint
Flood Zone	City of San Elizario
Drainage Feature	City of Socorro
Clint Water Tower	
Radio Tower	



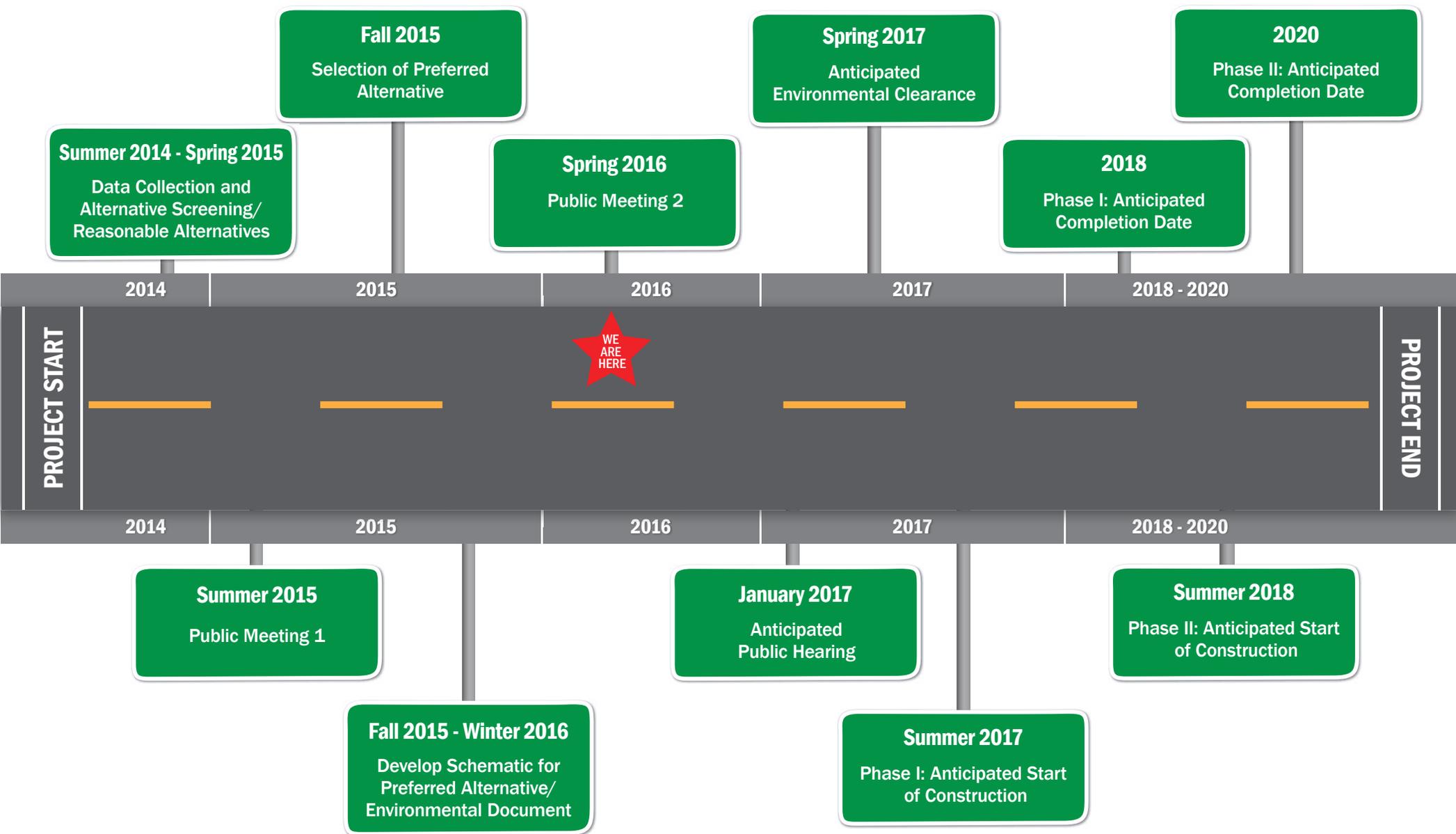
DISCLAIMER: This map was generated by HNTB Corporation using GIS (Geographic Information Systems) Software. No claims are made to the accuracy or completeness of information shown herein nor to its suitability for a particular use. The scale and location of all mapped data are approximate.

Source: Paso del Norte Mapa GIS Data (2013)- railroad, roads, waterways, and municipalities/CDPs. The aerial imagery is NAIP2012 imagery from the Texas National Resource Information Systems (TNRIS) website.

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Project Timeline



FM 1110 (Clint Cutoff Road) Widening & Realignment

I-10 to SH 20 (Alameda Avenue)

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Evaluation Matrix

Total Category Score	Widening Alignment Alternatives				
	No Build	Alternative A	Alternative B	Alternative C	Alternative D
Engineering Score	--	++	++	+	+
Cost Score	0	--	--	-	-
Environmental Score	0	-	--	-	-
Public Involvement Score	0	+	+	+	++
Overall Score	--	0	-	0	+

Measure Key				
Substantial Negative Effect	Some Negative Effect	No Effect Neutral	Some Positive Effect	Substantial Positive Effect
--	-	0	+	++

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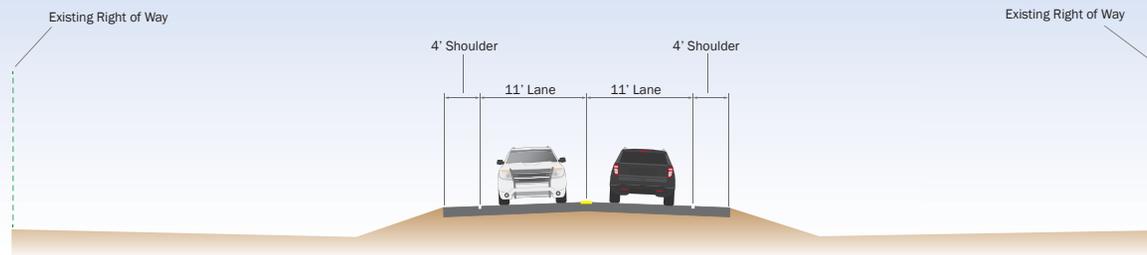
El Paso County, Texas, CSJ: 1281-02-007, etc.



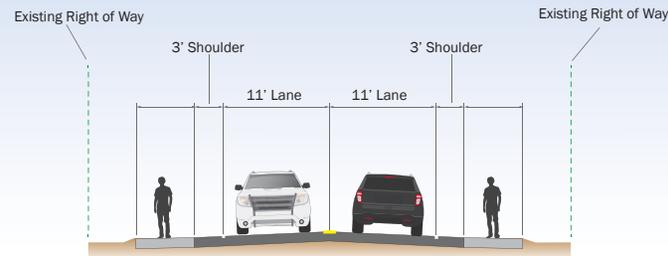
Typical Sections

EXISTING FM 1110 (2-Lane Urban Collector)

From I-10 to FM 76

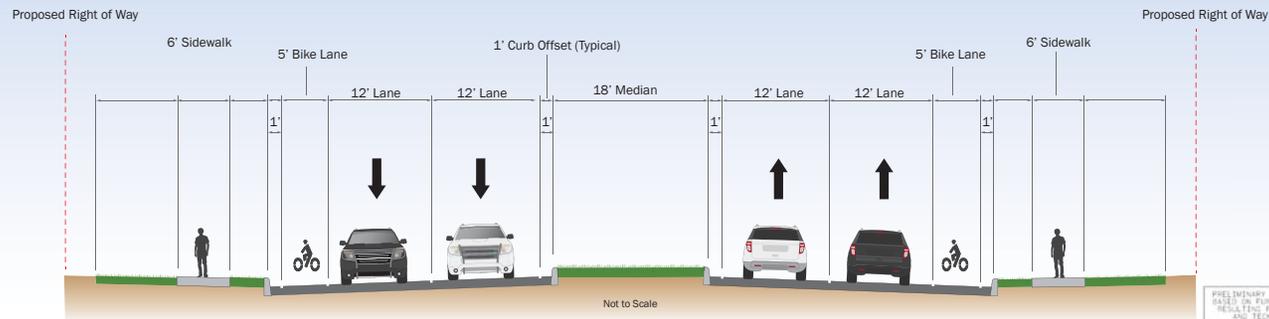


From FM 76 to SH 20



PROPOSED FM 1110 (4-Lane Minor Arterial w/Raised Median)

Proposed FM 1110



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FM 1110 Traffic Analysis (2015 vs 2038)

FM 1110 Corridor Operations Analysis (2015 vs 2038)

Level of Service (LOS)



Signalized (LOS)

Stop-Controlled (LOS)

Link Volume (DHV)

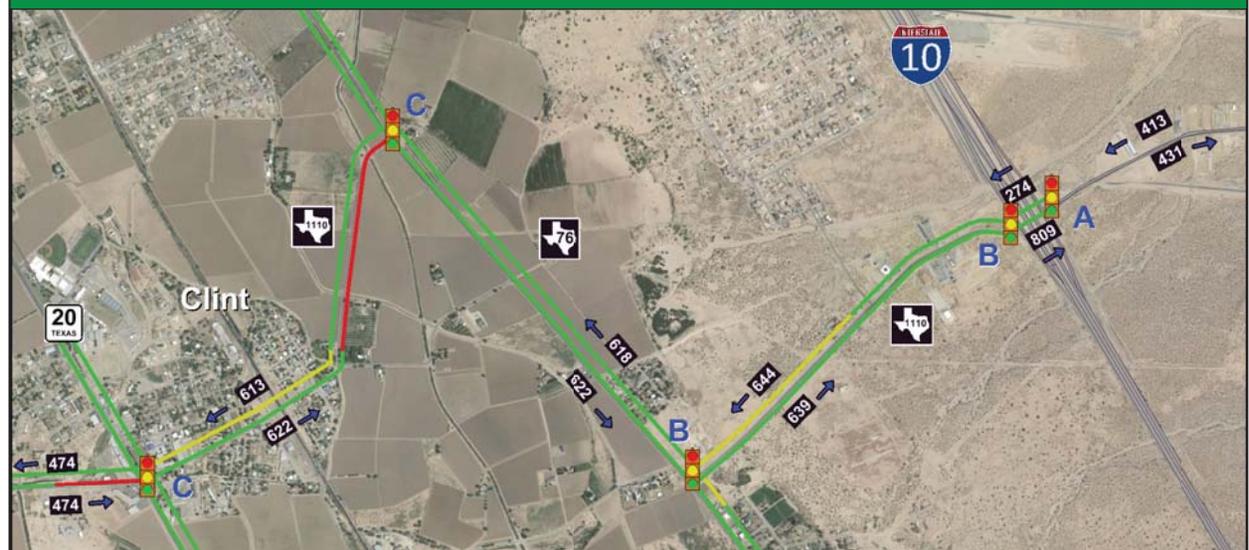
2000 ft.



Existing Traffic Conditions (2015)



No - Build Traffic Conditions (2038)



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FM 1110 Traffic Analysis (Future Build Conditions 2038)

Future Traffic Conditions (2038)

FM 1110 Corridor Operations Analysis (Future Build 2038)

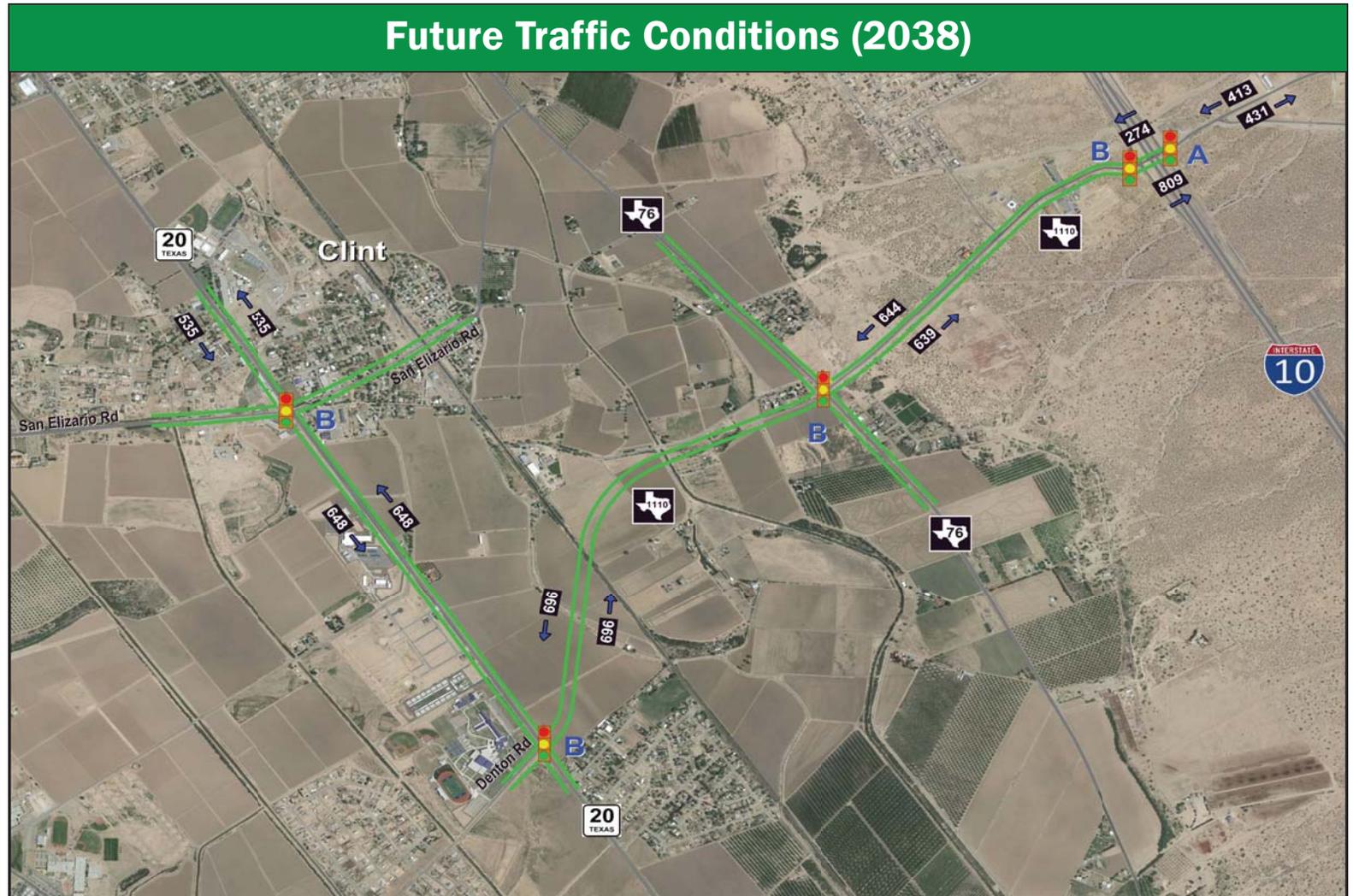
Level of Service (LOS)

- LOS A / B
- LOS C / D
- LOS E / F

Signalized (LOS)

Link Volume (DHV)

2000 ft.



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FM 1110 Traffic Analysis (Operations Analysis)

Traffic Level of Service (Urban Street)

Level of service (LOS) is a measure used to characterize the effectiveness of transportation infrastructure elements, where:

- **LOS A** = Free-flowing traffic operation
- **LOS B** = Reasonably free-flowing traffic operation
- **LOS C** = Stable traffic flow operation
- **LOS D** = Approaching unstable traffic flow operation
- **LOS E** = Unstable traffic flow and significant delay
- **LOS F** = Extremely low speed traffic flow; significant delay and extensive queuing

Traffic Level of Service (LOS) Delay (Intersection)

Level of Service (Criteria)	Unsignalized Delay (sec/veh)	Signalized Delay (sec/veh)
A	≤ 10	≤ 10
B	> 10-15	> 10-20
C	> 15-25	> 20-35
D	> 25-35	> 35-55
E	> 35-50	> 55-80
F	≥ 50	≥ 80

Intersection Level of Service (LOS)

Study Intersection	Type of Control	2015 Existing		2038 Future No-Build*		2038 Future Build	
		Delay (sec/veh)	LOS	Delay (sec/veh)	LOS	Delay (sec/veh)	LOS
I-10 northbound frontage and FM 1110 (Clint Cutoff Rd)	All-way Stop	28	D	7	A	8	A
I-10 southbound frontage and FM 1110 (Clint Cutoff Rd)	All-way Stop	110	F	18	B	15	B
FM 1110 (Clint Cutoff Rd) and FM 76 (North Loop Rd)	Signal	10	A	19	B	11	B
FM 76 (North Loop Rd) and FM 1110	Signal	14	B	27	C	N/A	N/A
FM 1110 and SH 20 (Alameda Ave)	Signal	17	B	25	C	13	B
FM 1110 (new alignment) / Denton Rd and SH 20 (Alameda Ave)	Signal	N/A	N/A	N/A	N/A	19	B

* With the improvements at FM 1110 and I-10 interchange

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Provide Comments

**Submit a comment after
the Public Meeting**

E-mail: ELP_FM1110Project@txdot.gov

Phone: (915) 790-4200

Visit: www.txdot.gov | **Keyword:** FM 1110

Mail: Attn: Gus Sanchez – Project Manager
TxDOT – El Paso District
Re: FM 1110
13301 Gateway Boulevard West
El Paso, Texas 79928-5410

*Comments must be received or postmarked on
or before **Friday, May 13, 2016** to be included
in the Public Meeting Summary.*

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