Laredo Urban Transportation Study

Metropolitan Planning Organization Policy Committee

Notice of Public Meeting

City of Laredo City Hall City Council Chambers 1110 Houston Street Laredo, Texas April 18, 2016 12:00 noon

MEETING AGENDA

- I. CHAIRPERSON TO CALL MEETING TO ORDER
- II. CHAIRPERSON TO CALL ROLL
- III. COMMITTEE AND DIRECTOR'S REPORTS
- IV. ITEMS REQUIRING POLICY COMMITTEE ACTION
 - A. Approval of the minutes for the meeting held on March 21, 2016.
 - B. Receive public testimony and approve Resolution No. MPO 2016-04, adopting the proposed amendment(s) of the 2015-2018 Transportation Improvement Program (TIP):
 - 1. *Revision* of project CSJ 2150-04-067 intended to provide the design and construction of one additional travel lane (northbound) on FM 1472, from Killam Industrial Boulevard to 0.3 miles north of Mueller Boulevard, in order to:
 - a. Change the scope of work to add language providing for the design and partial reconstruction of the existing outside lane.
 - b. Increase project funding from 4.482 million to 5.782 million dollars. The additional project cost is proposed for funding thru Category 7 funds.
 - 2. Addition of project CSJ 0922-33-170, further identified as the Zacate Creek Multi-Use Hike and Bike Trail, located along Zacate Creek, intended to provide for the design and construction of approximately 10,250 linear feet of trail, with an estimated total project cost of \$ 1,250,000.

- C. Receive public testimony and approve Resolution No. MPO 2016-05, adopting the proposed revision(s) of the 2015-2040 Laredo Metropolitan Transportation Plan (MTP), which are as follows:
 - Amending Table 12-10, entitled Roadway and Bicycle/Pedestrian Project Summary and Table 12-11, entitled Roadway Projects, Figure 13-1, entitled Natural Resources and Federally Funded Projects; Figure 13-2, entitled Cultural Resources and Federally Funded Projects; Figure 13-3, entitled Low Income Areas and Federally Funded Projects; Table 13-1, entitled Federally Funded Projects Environmental Assessment Results; and Table 13-3, entitled Federally Funded Projects and Environmental Justice Populations by:
 - a. *Revision* of project CSJ 2150-04-067 intended to provide the design and construction of one additional travel lane (northbound) on FM 1472, from Killam Industrial Boulevard to 0.3 miles north of Mueller Boulevard, in order to:
 - i. Change the scope of work to add language providing for the design and partial reconstruction of the existing outside lane.
 - ii. Increase project funding from 4.482 million to 5.782 million dollars. The additional project cost is proposed for funding thru Category 7 Funds.
 - b. Addition of project CSJ 0922-33-170, further identified as the Zacate Creek Multi-Use Hike and Bike Trail, located along Zacate Creek, intended to provide for the design and construction of approximately 10,250 linear feet of trail, with an estimated total project cost of \$ 1,250,000.
- D. Discussion with possible action on the 2015-2040 project lists.
- E. Discussion with possible action on developing a mobility priority list and financing plan.
- F. Discussion with possible action on Hachar Road.
- G. Report by City Manager, Jesus Olivares.
- H. Discussion with possible action on Mines Road.
- V. REPORT(S) AND PRESENTATIONS (No action required)
 - A. Status report by TxDOT on the Traffic Signal Synchronization Project.
 - B. Status report on the Regional Mobility Authority (RMA).
- VI. ADJOURNMENT

THIS NOTICE WAS POSTED AT THE MUNICIPAL GOVERNMENT OFFICES, 1110 HOUSTON STREET, LAREDO, TEXAS, AT A PLACE CONVENIENT AND READILY

MPO Meeting Agenda for April 18, 2016 Page 2

ACCESSIBLE TO THE PUBLIC AT ALL TIMES. SAID NOTICE WAS POSTED BY APRIL 15, BY 12:00 P.M.

Persons who plan to attend this meeting and who may need auxiliary aid or services, such as: interpreters for persons who are deaf or hearing impaired, readers of large print or Braille, or a translator for the Spanish language are requested to contact Ms. Vanessa Guerra, City Planning, 1120 San Bernardo Ave. at (956) 794-1613, <u>vguerra@ci.laredo.tx.us</u>, at least five working days prior to the meeting so that appropriate arrangements can be made. Materials in Spanish may also be provided upon request.

Información en Español: Personas que planean asistir a esta reunión y que pueden necesitar ayuda o servicios, auxiliares como: intérpretes para personas sordas o con discapacidad auditiva, lectores de letra grande o en Braille, o un traductor para el idioma español deben comunicarse con la Sra Vanessa Guerra, en el Departamento de Planificación de la Ciudad, 1120 San Bernardo Ave. al (956) 794-1613, <u>vguerra@ci.laredo.tx.us</u>, al menos cinco días hábiles antes de la reunión para que los arreglos apropiados se pueden hacer. Materiales in español se proveerán a petición.

CITY OF LAREDO REPRESENTATIVES:

Honorable Pete Saenz, Mayor and LUTS Chairperson Honorable Charlie San Miguel, City Councilmember, District VI Honorable George Altgelt, City Councilmember, District VII

LAREDO MASS TRANSIT BOARD REPRESENTATIVE:

Honorable Roberto Balli, City Councilmember, District VIII

COUNTY OF WEBB REPRESENTATIVES:

Honorable Tano E. Tijerina, Webb County Judge Honorable John Galo, Webb County Commissioner, Pct. 3 Honorable Jaime Canales, Webb County Commissioner, Pct. 4

STATE REPRESENTATIVES:

Mr. Pete Alvarez, P.E., District Engineer Ms. Melisa Montemayor, District Administrator

** EX-OFFICIO **

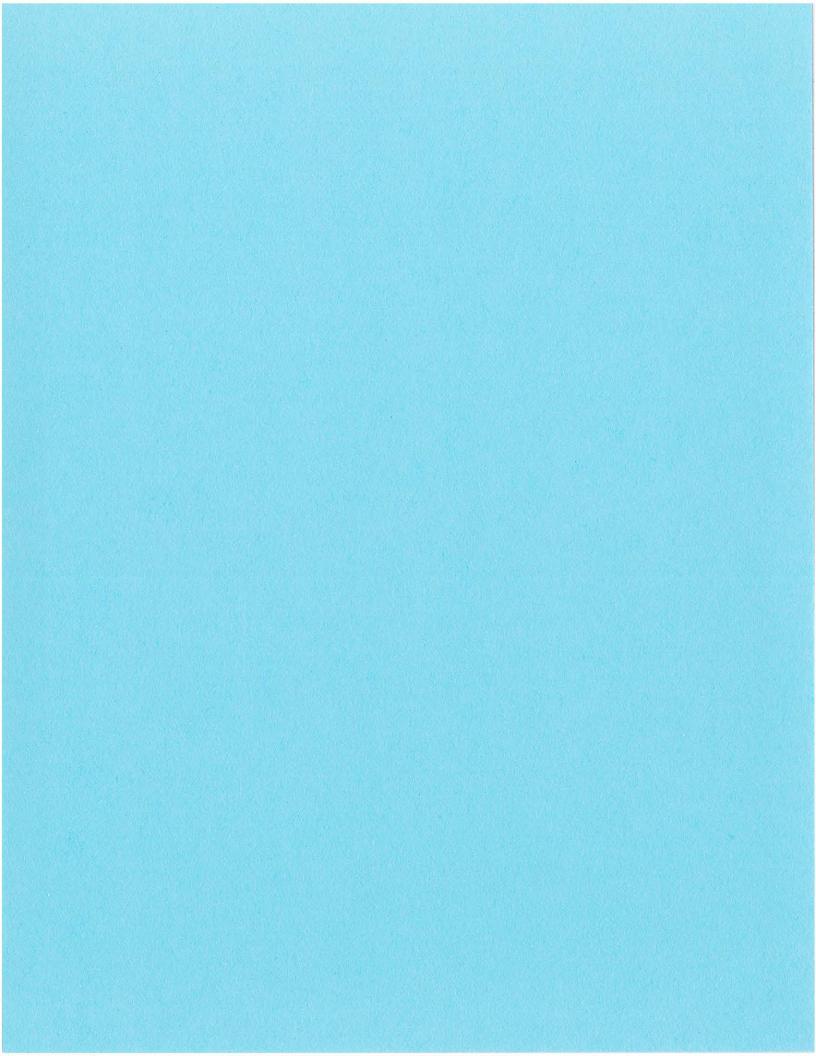
Honorable Judith Zaffirini, State Senator, District 21 Honorable Richard Raymond, State Representative, District 42 Honorable Tracy O. King, State Representative, District 80

Mrs CFOR

Mathan R. Bratton MPO Director

Doanh "Zone" T. Nguyen Interim-City Secretary

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Laredo Urban Transportation Study

Metropolitan Planning Organization Policy Committee City of Laredo Council Chambers 1110 Houston St. -Laredo, Texas



1755

MINUTES OF THE MARCH 21, 2016, MEETING

I. CHAIRPERSON TO CALL MEETING TO ORDER

Mayor Pete Saenz called the meeting to order at 12:02 p.m.

II. CHAIRPERSON TO CALL ROLL

Vanessa Guerra, MPO Coordinator, called roll to verify that a quorum did exist.

Regular members present:

Honorable Pete Saenz, Mayor and LUTS Chairperson Honorable Tano E. Tijerina, Webb County Judge Honorable Roque Vela, Jr., City Councilmember, District V Honorable Charlie San Miguel, City Councilmember, District VI (joined the meeting at 12:04 p.m.) Pete Alvarez, TxDOT Melisa Montemayor, TxDOT

Regular members not present:

Honorable Roberto Balli, City Councilmember, District VIII Honorable John Galo, Webb County Commissioner, Pct. 3 Honorable Jaime Canales, Webb County Commissioner, Pct. 4

Ex-Officio Members Not Present:

Honorable Richard Raymond, State Representative, District 42 Honorable Judith Zaffirini, State Senator, District 21 Honorable Tracy O. King, State Representative, District 80

Staff (Of Participating LUTS Agencies) Present:

- City: Nathan R. Bratton, City Planning/LUTS Staff Vanessa Guerra, City Planning/LUTS Staff Angie Quijano, City Planning/LUTS Staff
- State: Ana Duncan, TxDOT Albert Ramirez, TxDOT

Sara Garza, TxDOT

Others: Anthony Garza, Dannenbaum Engineering Richard Ridings, Howard, Needles, Tammen, & Bergendoff (HNTB, Inc.) Antonio Rodriguez, HNTB, Inc. Brad Guilmino, HNTB, Inc. Carlos Lopez, HNTB, Inc. Ruben Soto, Regional Mobility Authority (RMA) Mike Graham, TxDOT Ivan Santoyo, Environmental Services Department John Porter, Environmental Services Department Will Holik, Texas Transportation Institute, (TTI) Enrique Valdez, Leyendecker, Naiser & Viera (LNV, Inc.)

III. COMMITTEE AND DIRECTOR'S REPORTS

Discussion and possible action on possible Category 2 formula funding changes.

Mr. Bratton stated that he attended a meeting in Austin a month ago and that a number of the large MPO's, also known as Transportation Management Area's (TMA), have been considering the possibility of changing the Category 2 formula. The funds are currently allocated such that MPO's get 87 percent and the small urban MPO's get 13 percent of total funds allocated to the State. Furthermore, each area's allocation is based on vehicles miles traveled (on and off system), population, lane miles, congestion, and fatal/incapacitating crashes. Mr. Bratton further stated that as different possible formula scenarios are evaluated, Staff will bring that information to the Policy Committee as soon as it becomes available. He stated a future meeting to continue the discussion would be scheduled at a later time.

IV. APPOINTMENTS TO MPO POLICY COMMITTEE

Mayor's appointment of Hon. George Altgelt to replace Hon. Roque Vela, Jr. effective April 7, 2016.

No action was taken on the item. The Mayor stated his intention was to appoint Councilman George Altgelt to the Policy Committee in place of Councilman Roque Vela.

Councilman Vela remarked that Council confirmation may be required of the new appointment, but preferred to discuss the matter further during the City Council meeting scheduled for later that day.

V. ITEMS REQUIRING POLICY COMMITTEE ACTION

A. Approval of the minutes for the meetings held February 16, 2016.

Judge Tijerina made a motion to **approve** the minutes of February 16, 2016.

Second: Cm. San Miguel For: 6 Against: 0 Abstained: 0 Motion carried unanimously.

B. Receive public testimony and approve Resolution No. MPO 2016-01, adopting the proposed Limited English Proficiency Plan.

Judge Tijerina made a motion to open a public hearing.

Second:	Cm. Vela
For:	6
Against:	0
Abstained:	0

Motion carried unanimously

Mr. Bratton stated the MPO's proposed Limited English Proficiency Plan was intended to address the responsibilities of the Laredo Metropolitan Planning Organization as a recipient of federal financial assistance as they relate to the needs of individuals with limited English proficiency skills. The plan was prepared in accordance to Title VI of the Civil Rights Act of 1964. He further stated the twenty-day public review and comment period had elapsed and Staff recommended approval of the LEP Plan.

Judge Tijerina made a motion to <u>close</u> the public hearing and <u>approve</u> Resolution No. MPO 2016-01, adopting the Limited English Proficiency Plan.

Second:	Cm. Vela			
For:	6			
Against:	0			
Abstained:	0			

Motion carried unanimously

- C. Receive public testimony and approve Resolution No. MPO 2016-02, adopting the proposed amendment(s) of the 2015-2018 Transportation Improvement Program (TIP):
 - 1. Addition of project CSJ 2150-04-067 intended to provide the design and construction of one additional travel lane (northbound) on FM 1472, from Killam Industrial Boulevard to 0.3 miles north of Mueller Boulevard, with an estimated total project cost of 4.482 million dollars. Projected letting date is August of 2016.

2. Addition of project CSJ 0922-33-166 intended to provide the development of the schematic, environmental document and preliminary engineering for a 5 lane rural roadway, from 0.1 miles east of Beltway Parkway to IH 35 West Frontage Road. Estimated cost for said phases of the project is \$300,000.

Judge Tijerina made a motion to open a public hearing.

Second:	Cm. Vela
For:	6
Against:	0
Abstained:	0

Motion carried unanimously

Mr. Bratton gave a brief presentation on the proposed amendments of the 2015-2018 TIP.

Judge Tijerina made a motion to <u>close</u> the public hearing and <u>approve</u> Resolution No. MPO 2016-02, adopting the proposed amendments of the 2015-2018 TIP.

Second:	Cm. Alvarez		
For:	6		
Against:	0		
Abstained:	0		

Motion carried unanimously

- D. Receive public testimony and approve Resolution No. MPO 2016-03, adopting the proposed revision(s) of the 2015-2040 Laredo Metropolitan Transportation Plan (MTP):
 - 1. Amending Table 12-10, entitled Roadway and Bicycle/Pedestrian Project Summary and Table 12-11, entitled Roadway projects, and Figure 12-1, entitled Federally funded Roadway, Bicycle and Pedestrian Projects, by:
 - a. *Adding* project CSJ 2150-04-067 intended to provide the design and construction of one additional travel lane (northbound) on FM 1472, from Killam Industrial Boulevard to 0.3 miles north of Mueller Boulevard, with an estimated total project cost of 4.482 million dollars. Projected letting date is August of 2016.
 - b. *Adding* of project CSJ 0922-33-166 intended to provide the development of the schematic, environmental document and preliminary engineering for a 5 lane rural roadway, from 0.1 miles east of Beltway Parkway to IH 35 West Frontage Road. Estimated cost for said phases of the project is \$300,000.
 - 2. Amending Figure 13-1, entitled Natural Resources and Federally Funded Projects; Figure 13-2, entitled Cultural Resources and Federally Funded

Projects; Figure 13-3, entitled Low Income Areas and Federally Funded Projects; Table 13-1, entitled Federally Funded Projects Environmental Assessment Results; and Table 13-3, entitled Federally Funded Projects and Environmental Justice Populations in order to reflect all currently approved 2015-2018 TIP projects.

Judge Tijerina made a motion to **open** a public hearing.

Second:	Cm. Alvarez		
For:	6		
Against:	0		
Abstained:	0		

Motion carried unanimously

Mr. Bratton gave a brief presentation on the proposed amendments of the 2015-2040 MTP.

Judge Tijerina made a motion to <u>close</u> the public hearing and <u>approve</u> Resolution No. MPO 2016-03, adopting the proposed amendments of the 2015-2040 MTP.

Second:	Cm. Vela
For:	6
Against:	0
Abstained:	0

Motion carried unanimously

- E. Receive public testimony and initiate a ten-day public review and comment period for the following proposed amendment(s) of the 2015-2018 Transportation Improvement Program (TIP):
 - 1. *Revision* of project CSJ 2150-04-067 intended to provide the design and construction of one additional travel lane (northbound) on FM 1472, from Killam Industrial Boulevard to 0.3 miles north of Mueller Boulevard, in order to:
 - a. Change the scope of work to add language providing for the design and partial reconstruction of the existing outside lane.
 - b. Increase project funding from 4.482 million to 5.782 million dollars. The additional project cost is proposed for funding thru Category 7 funds.

Judge Tijerina made a motion to **open** a public hearing.

Second:Cm. San MiguelFor:6Against:0

Abstained: 0

Motion carried unanimously

Mr. Bratton gave a brief presentation on the proposed amendments of the 2015-2018 TIP.

Judge Tijerina made a motion to <u>close</u> public hearing and <u>initiate</u> a ten-day public review and comment period for the proposed amendments of the 2015-2018 TIP.

Second:	Cm. Vela
For:	6
Against:	0
Abstained:	0

Motion carried unanimously

- F. Receive public testimony and initiate a 10 day public review and comment period for the proposed revision(s) of the 2015-2040 Laredo Metropolitan Transportation Plan (MTP):
 - 1. Amending Table 12-10, entitled Roadway and Bicycle/Pedestrian Project Summary and Table 12-11, entitled Roadway Projects by:
 - a. *Revision* of project CSJ 2150-04-067 intended to provide the design and construction of one additional travel lane (northbound) on FM 1472, from Killam Industrial Boulevard to 0.3 miles north of Mueller Boulevard, in order to:
 - i. Change the scope of work to add language providing for the design and partial reconstruction of the existing outside lane.
 - ii. Increase project funding from 4.482 million to 5.782 million dollars. The additional project cost is proposed for funding thru Category 7 funds.

Judge Tijerina made a motion to open a public hearing.

Second:	Cm. Vela
For:	6
Against:	0
Abstained:	0

Motion carried unanimously

Mr. Bratton gave a brief presentation on the proposed amendments of the 2015-2040 MTP.

Judge Tijerina made a motion to <u>close</u> the public hearing and <u>initiate</u> a ten-day public review and comment period for the proposed amendments of the 2015-2040 MTP.

Second:	Cm. Vela
For:	6
Against:	0
Abstained:	0

Motion carried unanimously

G. Discussion with possible action on Hachar Road.

The County Judge reported that the County is moving forward with the project. He stated the County is working with TxDOT and are in the process of receiving the \$300,000 for the development of the environmental document for the project.

H. Discussion with possible action on Mines Road.

Alberto Ramirez, TxDOT reported that TTI would be presenting on the Mines Road Study-Long Term Strategy, recommendations a bit later in the meeting.

VI. REPORT(S) AND PRESENTATIONS (No action required)

A. Presentation by TxDOT, Laredo District, on the funding (current and future projected) available to TxDOT, Laredo District and the Laredo MPO and the application of said funding to projects in the Laredo District.

Alberto Ramirez, TxDOT, gave a brief presentation on the 2016 Unified Transportation Plan (UTP) Programming. He presented the UTP funding categories and funding amounts in the current UTP. He also presented projected funding figures thru 2035 using extrapolation of said current UTP figures.

Cm. San Miguel left the meeting at 1:13 p.m.

B. Status on Government Accountability Office (GAO) report on railroad issues (U.S. Border Communities Ongoing DOT Efforts Could Help Address Impacts of International Freight Rail).

A copy of the report was included in the Policy Committee's binder for review.

Mr. Bratton remarked that the study presented an analysis of freight movement in Laredo and is intended as a best practices manual. The document listed solutions other communities have explored in solving the problem of freight moving thru their communities.

The Mayor stated that he had been meeting with various rail representatives and anticipated a possible presentation to the Committee in May.

C. Presentation by Texas Transportation Institute (TTI) on the Mines Road Study-Long Term Strategy.

Will Holik, TTI, gave a brief presentation on the Mines Road Study-Long Term Strategy, recommendations were as follows:

New/Expanded Roadways

Sara Road

- Extend north as new developments are built

- Realign southern end to tie into Loop 20/IH 69W frontage road

-Upgrade traffic control

- River Bank Drive
 Extend south of Loop 20/IH 69W
 Extend FM 3464
 Add lanes south of Mescalero Drive
- A F Muller Boulevard
 - Extend Aquero Boulevard
 - -Increase commuter vehicle connectivity to La Bota Ranch and maintain access control

-Remove possibility for alternate truck route

• United Avenue

-Could connect to existing overpass on IH-35

- -Allow for expansion of existing Business Park in the area
- FM 1472
 - -Increase number of through lanes
 - -Convert to expressway by adding overpasses and reducing access
 - -Convert to standard freeway with frontage roads and interchanges
 - -Improvements require additional right-of-way
 - -Limits of expansion may vary over time
- IH-35

-Expand to 3 lanes north of Uniroyal to planned Hachar interchange

New/Expanded Interchanges

- Killam Industrial Boulevard
 - -Realign east end to connect with IH 35 overpass Verde, Carriers, and Uniroyal Drives
 - -Align Verde with Carriers
 - -Reconfigure interchanges to reduce congestion from weaving
 - -Grade separation at Uniroyal and Union Pacific railyard

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- Verde, Carriers, and Uniroyal Drives -Shift focus from isolated interchanges to clustered interchange
- Verde, Carriers, and Uniroyal Drives –Focus on mobility and operations of entire area as growth occurs

Traffic Management Strategies

- Intelligent Transportation System Technologies

 Network-wide congestion and incident monitoring and dissemination
 Railroad crossing blockage notification
- Connected Vehicle Technologies

 Monitor vehicle-to-vehicle and vehicle-to vehicle
 Infrastructure technologies to improve incident and congestion response

At the conclusion of Mr. Holick's presentation, Mayor Saenz asked for a status of the Traffic Signal Synchronization Project.

Robert Murillo, City of Laredo Traffic Safety Department, stated the City is in the process of finalizing the Advance Funding Agreement (AFA) with TxDOT.

Albert Ramirez, TxDOT, stated adjustments were made to the locations to meet the availability of funding and TxDOT is in the process of reviewing the AFA. A status report will be made at the next Policy Committee meeting.

D. Regional Mobility Authority (RMA)-Presentation on transportation/highway funding plan.

Carlos Lopez and Richard Ridings, HNTB, and Ruben Soto, RMA, gave a brief presentation on the benefits of a design/build project model for the proposed Loop 20 project. (See attached presentation).

Mr. Soto stated the RMA passed a resolution authorizing HNTB, Inc. to apply for a Fast Lane Grant for the Loop 20 overpass project on International and US 59. He also stated that TxDOT had hired HNTB, Inc. to prepare an application for the Loop 20/IH-35 overpass. Discussion was had on the benefits of design/build project and possible funding/administration financing tools.

Addendum Agenda

I. ITEMS REQUIRING POLICY COMMITTEE ACTION

A. Discussion with possible action to award or reject the Zacate Creek Multi-use Hike and Bike trail for funding through the Transportation Alternatives Program (TAP). The requested amount is \$1,000,000.00. The project is

intended to construct a multi-use pedestrian and bicycle trail along upper Zacate Creek.

Mr. Bratton stated the TAP program offers opportunities to expand transportation choices for non-motorized travel. The TAP program focuses on non-traditional transportation projects. TAP projects must relate to surface transportation and be eligible under one or more of the qualifying categories.

The MPO issued a Call for Projects on February 11, 2016. Project proposals were due on March 14, 2016. Only one submittal, the Zacate Creek Mulit-Use Hike and Bike Trail, was received. The proposal requests \$1,000,000 in TAP funds.

Cm. Vela made a motion to <u>award</u> funding through the TAP program in the amount of \$1,000,000 for the Zacate Creek Multi-Use Hike and Bike Trail.

VII. ADJOURNMENT

Judge Tijerina made a motion to **adjourn** the meeting at 1:56 p.m.

Second:	Cm. Montemayor
For:	5
Against:	0
Abstained:	0

Motion carried unanimously

Reviewed by: Prepared by: Ingie Ouijano MPO Staff

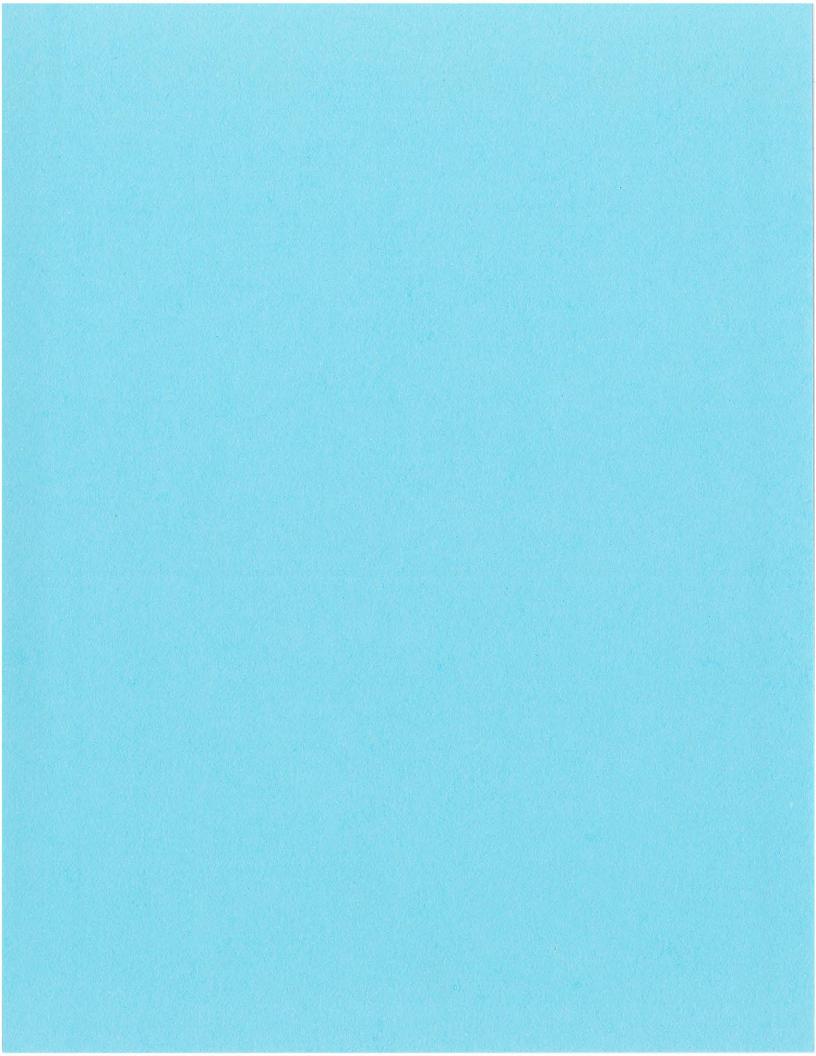
Vanessa Guerra, MPO Coordinator

Reviewed by:

Nathan R. Bratton, MPO Director

Melisa Montemayor, District Administrator

Pete Saenz, Mayor and LUTS Chairperson



LAREDO URBAN TRANSPORTATION STUDY ACTION ITEM

DATE:	SUBJECT: RESOLUTION					
	Receive public testimony and approve Resolution No. 2016-04, adopting the proposed					
4-18-16	amendment(s) of the 2015-2018 Transportation Improvement Program (TIP):					
	1. Revision of project CSJ 2150-04-067 intended to provide the design and construction of					
	one additional travel lane (northbound) on FM 1472, from Killam Industrial Boulevard					
	to 0.3 miles north of Mueller Boulevard, in order to:					
	a. Change the scope of work to add language providing for the design and partial					
	reconstruction of the existing outside lane.					
	b. Increase project funding from 4.482 million to 5.782 million dollars. The additional project cost is proposed for funding thru Category 7 funds.					
2. Addition of project CSJ 0922-33-170, further identified as the Zacate Creek Multi-U						
Hike and Bike Trail, located along Zacate Creek, intended to provide for the d						
	construction of approximately 10,250 linear feet of trail, with an estimated total project					
	cost of \$ 1,250,000. TIP 15-18/REV 05					
INITIATE	D BY: TxDOT/MPO STAFF SOURCE: Nathan Bratton, MPO Director					
PREVIOU	S ACTION: The MPO Policy Committee approved resolution MPO No. 2014-02 on April 24,					
0014 1						

2014, adopting the 2015-2018 Transportation Improvement Program. On April 20th, 2015, the Policy Committee approved Resolution MPO No. 2015-03 adopting Revision 1. On July 20, 2015, the Policy approved Resolution No. MPO 2015-07 adopting Revision 2. On 10-19-15, the Policy Committee approved Resolution No. MPO 2015-10 adopting proposed Revision 3. On 3-21-16, the Policy Committee approved Resolution No. MPO 2016-02 adopting proposed Revision 4, while also approving the initiation of a 10 public review and comment period for proposed TIP revision #5.

On December 21, 2015, the Policy Committee approved the allocation of 4.482 million dollars in Proposition 1, Category 2 (MPO) funds to the project identified as CSJ 2150-04-067 for the widening of pavement to provide additional travel lanes on FM 1472 (Mines Road) from Killam Industrial Boulevard to 0.3 miles north of Mueller Boulevard with an estimated letting date of August 2016.

BACKGROUND: Moving Ahead for Progress in the 21st Century (MAP21) requires that Metropolitan Planning Organizations (MPOs) in cooperation with the State and affected transit operators develop Transportation Improvement Programs (TIP) for their planning areas. In Laredo, the TIP document identifies project and their associated funding for project to be constructed within the next four years. The local TIP then becomes part of the State Transportation Improvement Program (STIP). The document is required to be fully financially constrained and will include a project, or an identified phase of a project, only if full funding can reasonably be anticipated to be available within the time period that is projected for completion of the project.

	1	Purpose of Revision	Increase funding and chan	ge sc	ope of work		
		CSJ #	2150-04-067				
	÷	Project Description	Construction of additional I the design and partial reco existing outside lane.		the second s		
		Location	FM 1472 (NB)				
		Existing limits	From: Spur 400 to SH 359				
		Existing funding	4,482,000 Prop 1 (Cat 2)	Nev	w Funding	4,482,000 Prop 1 (Cat 2) 1,300,000 Cat 7	
		Letting	August of 2016				
						Comments continued	
C	COMMITTEE RECOMMENDATION: Approval STAFF RECOMMENDATION: Approval.						

LAREDO URBAN TRANSPORTATION STUDY ACTION ITEM

Staff comments continued....

2	Purpose of Revision	Add project
	CSJ #	0922-33-170
	Project Description	Design and construction of Zacate Creek Hike and Bike Trail
	Location	Zacate Creek
	Limits	
	Funding	1,000,000 CAT 9 250,000 local
	Letting	FY 2017

2015-2018 TIP LOCATIONS OF PROJECTS FOR PROPOSED REVISIONS

Original Projects

CS (City Street) 0922-33-076 From: Intersection of Flecha Ln and FM1472 To: .174Mi east of FM1472 Work: The realignment of Flecha Ln/Las Cruces along FM1472. Total Cost: \$3,512,360 FY 2015

CS (City Street) 0922-33-093 From: 25Mi east of Calton/ Santa Maria Intersection To: 25Mi west of Calton/ Santa Maria Intersection Work: Construction of a grade separation at Calton/ Santa Maria Intersection Total Cost: \$25,211,738 FY 2016

SL 20 0086-14-061 From: SPUR 400 To: SH 359 Work: Widen existing bridge Total Cost: \$9,477,646 FY 2015

Revision I

CHANGE LIMITS CSJ: 0086-14-061 (KCS WIDEN BRIDGE) FROM: SH 359 TO: SPUR 400

ADD PROJECT CSJ:0086-14-062 (FRONTAGE ROADS SL 20 AT KCS BRIDGE) FROM: 1.09MI S OF SPUR 400 TO: SPUR 400 TO: SPUR 400 TO: TAL COST: \$18,689,970 I FT 08/15

ADD PROJECT CSJ:0086-14-066 (CONSTRUCTION OF INTERCHANGE (SL20) OVER INTERNATIONAL) FROM: 45 MI E OF INTERNATIONAL TO: 25 W OF MCPHERSON TOTAL: \$26, 665, 669 LET 12/15

Revision II

ADD PROJECT CSJ:0086-14-065 (CONSTRUCTION OF AN INTERCHANGE FACILITY OVER IH35) FROM: 0.33 MILES WEST OF IH35 TO: 0.16 MI WEST OF MCPHERSON TOTAL COST: \$51,754,494

Revision III

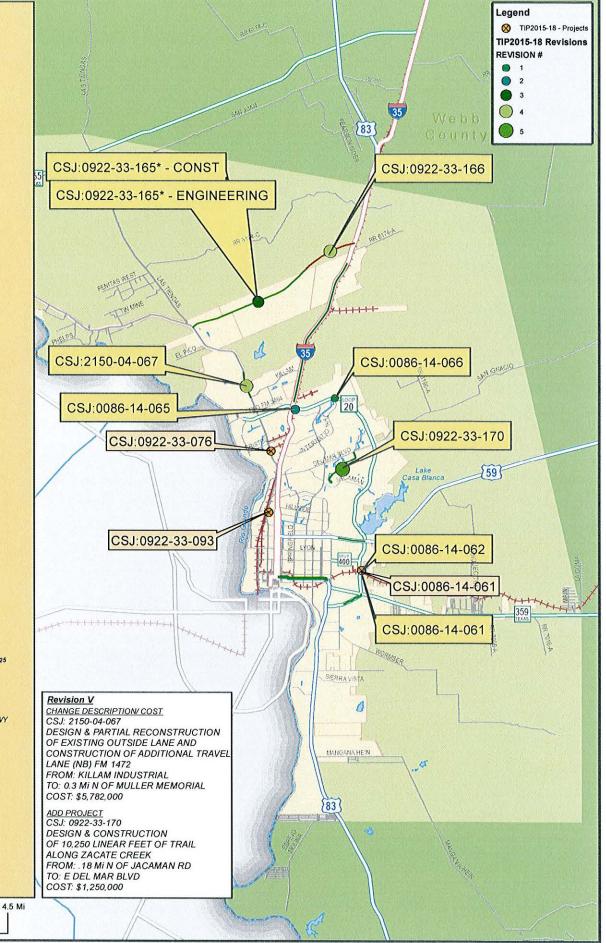
ADD PROJECT CSJ: 0922-33-165* - ENGINEERING (5 LANE RURAL ROADWAY -PRELIMINARY ENGINEERING) FROM: FM 1472 TO: 0.1 MI EAST OF BELTWAY PKWY YOE (2016) COST: \$1,016,063 *project originally designated: CSJ: 0922-33-925

ADD PROJECT CSJ: 0922-33-165 - CONSTRUCTION (5 LANE RURAL ROADWAY - CONSTRUCTION) FROM: FM 1472 TO: 0.1 MILES EAST OF BELTWAY PKWY YOE (2018) COST: \$20,890,841

Revision IV ADD PROJECT CSJ: 2150-04-067 DESIGN & CONSTRUCTION 1 ADDITIONAL LANE (NB) FM 1472 FROM: KILLAM INDUSTRIAL TO: 0.3 MIN OF MULLER MEMORIAL

COST: \$4,482,000

ADD PROJECT CSJ: 0922:33-166 Preliminary Engineering, inclusive of Schematic and Environmental 5 LANE RURAL ROADWAY FROM: .01 MI E OF BELTWAY PKWY TO: IH 35 FRONTAGE ROAD



STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

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LAREDO METROPOLITAN PLANNING ORGANIZATION

FY 2017

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	•		PRO	JECT SPO	NSC	DR		Y	OE COST
LIMITS TO:	WEBB ZACATE CREEK	0922-33- USE ALTERNATIV		C,E ATION TRA	·	OJECI	г.	N	EVISION DA IPO PROJ N UNDING CA	UM:	(Astronomy)		\$	1,242,227
and the second	JECT COST INFO	i				ZED I		вүс	ATEGORY	/SH	ARE			TOTAL
PRELIM ENG: ROW PURCHASE	\$ 54,699	COST OF APPROVED	9-ENHANCEMT	'S: \$	993,781	\$	0	\$	248,445	\$		-	\$	1,242,227*
CONST COST: CONST ENG: CONTING: IND COSTS: BND FINANCING:	\$ 1,116,307 \$ 71,220 \$ 14,400 \$ 0	PHASES:	TOTAL:	\$	993,781	\$	0	\$	248,445	\$		0	\$	1,242,227

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY		PROJECT SPONSOR						YOE COST		
	WEBB LLAM INDUSTRIAL 3 MI N OF MUELLEI	BLVD_NB	-067 FM 1472	C,E		TAR		REVISION DA		05/2016		\$	6,455,076		
PROJECT WIDI DESCR:	ENING OF PAVEME	NT TO PROVIDE	ADDITIONAL TR	AVEL LAN	e 		F	UNDING CAT	r(S):	1,2U,7					
REMARKS P7:						DJECT FORY:									
TOTAL PRO	JECT COST INFO	RMATION			AUTHORIZ		BYC	ATEGORY	SHA	RE					
					AUTHORIZ FEDERAL	ED FUNDING		CATEGORY	SHA	RE	с		TOTAL		
RELIM ENG:	\$ 287,911	COST OF	1-PRVNT	\$	7-04000420-993	2000.000		1222-0428-0	SHA \$	L	-	\$	TOTAL 673,076*		
RELIM ENG: OW PURCHASE	\$ <u>287,911</u> : \$0	COST OF APPROVED	1-PRVNT 2U-URBAN CRE	\$ DR: \$	FEDERAL	STATE	5 \$	LOCAL		L	0	\$ \$	a second second second		
RELIM ENG: OW PURCHASE	\$ <u>287,911</u> :\$0 \$5,875,729	COST OF APPROVED PHASES:		anna St.	FEDERAL 538,461	\$ 134,61	5\$ 5\$	LOCAL 0	\$	L	0 0		673,076*		
PRELIM ENG: ROW PURCHASE CONST COST: CONST ENG:	\$ <u>287,911</u> : \$0	COST OF APPROVED PHASES:	2U-URBAN CRE	anna St.	FEDERAL 538,461 0	STATE \$ 134,61 \$ 4,482,00	5\$ 5\$ 0\$ 0\$	LOCAL 0 0	\$ \$	LO	0 0 0	\$	673,076* 4,482,000		
TOTAL PRO PRELIM ENG: ROW PURCHASE CONST COST: CONST ENG: CONTING: ND COSTS: BND FINANCING	\$ 287,911 \$ 0 \$ 5,875,729 \$ 291,436 \$ 116,927 \$ 0	COST OF APPROVED PHASES:	2U-URBAN CRE 7-METRO MOBI	anna St.	FEDERAL 538,461 0 1,040,000	STATE \$ 134,61 \$ 4,482,00 \$ 260,00	5\$ 5\$ 0\$ 0\$	LOCAL 0 0 0	\$ \$ \$	LO	0 0 0	\$ \$	673,076* 4,482,000 1,300,000		

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Laredo Metropolitan Planning Organization - 22 FY 2015 - 2018 Transportation Improvement Program

		FY 2	2015	FY 2	2016	FY 2	2017	FY 2	018	Total FY 2	015 - 2018
Category	Description	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized
1	Preventive Maintenance and Rehabilitation	\$1,402,280	\$1,402,280	\$1,331,263	\$1,331,263	\$0	\$0	\$0	\$0	\$2,733,543	\$2,733,543
2M or 2U	Urban Area (Non- TMA) Corridor Projects	\$5,352,000	\$5,352,000	\$5,240,000	\$5,240,000	\$0	\$0	\$0	\$0	\$10,592,000	\$10,592,00
з	Non-Traditionally Funded Transportation Project	\$0	\$0	\$1,016,063	\$1,016,063	\$8,808,092	\$8,808,092	\$0	\$0	\$9,824,155	\$9,824,155
4	Statewide Connectivity Corridor Projects	\$10,378,000	\$10,378,000	\$0	\$0	\$0	\$0	\$0	\$0	\$10,378,000	\$10,378.00
5	CMAQ	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5 Flex	Map21 Flex	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Structures	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7	Metro Mobility & Rehab	\$7,500,000	\$7,500,000	\$1,300,000	\$1,300,000	\$0	\$0	\$0	\$0	\$8,800,000	\$8,800,000
8	Safety	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Enhancements	\$0	\$0	\$0	\$0	\$1,242,227	\$1,242,227	\$0	\$0	\$1,242,227	\$1,242,227
9 Flex	TAP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Supplemental Transportation	\$0	\$0	\$39,700,000	\$39,700,000	\$16,253,249	\$16.253.249	\$0	\$0	\$55,953,249	\$55,953,24
11	District Discretionary	\$2,874,747	\$2,874,747	\$23,431,921	\$23,431,921	\$0	\$0	\$0	\$0	\$26,306,668	\$26,306,66
12	Strategic Priority	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12C	Strategic Priority RECON	\$0	\$0	\$0	so	\$0	\$0	\$0	\$0	\$0	\$0
12S	Strategic Priority RECON	\$0	\$0	\$0	so	\$0	\$0	\$0	\$0	\$0	\$0
SBPE	Strategy Budget PE	\$0	\$0	\$0	so	\$0	\$0	\$0	\$0	\$0	\$0
SB 102	Strategy 102	\$0	\$0	\$0	so	\$0	\$0	\$0	\$0	\$0	\$0
	Total	\$27,507,027	\$27,507,027	\$72,019,247	\$72.019.247	\$26,303,568	\$26.303.568	\$0	\$0	\$125,829,842	\$125,829,84

Funding by Category

Funding Participation Source

Source	FY 2015	FY 2016	FY 2017	FY 2018	Total
Federal	\$9,421,622	\$35,578,548	\$15,066,737	\$0	\$60,066,907
State	\$18,085,405	\$35,424,636	\$0	so	\$53,510,041
Local Match	\$0	\$0	\$2,428,739	\$0	\$2,428,739
CAT 3 - Local Contributions	\$0	\$1.016.063	\$8,808,092	\$0	\$9,824,155
CAT 3 - Prop 12	\$0	\$0	\$0	\$0	\$0
CAT 3 - Prop 14	\$0	\$0	\$0	\$0	\$0
Cat 3- Prop 14 SB	\$0	\$0	\$0	\$0	\$0
CAT 3 - Texas Mobility Fund	\$0	\$0	\$0	\$0	\$0
CAT 3 - Pass Thru Toll Revenue	\$0	\$0	\$0	\$0	\$0
CAT 3 - Regional Toll Revenue	\$0	\$0	\$0	\$0	\$0
CAT 3 - Match to Regional Toll Revenue	\$0	\$0	\$0	\$0	\$0
CAT 3 - Unique Federal Program - Tiger II	\$0	\$0	\$0	\$0	\$0
CAT 3 - TDC	\$0	\$0	\$0	\$0	\$0
Other - Section 5306	\$0	\$0	\$0	\$0	\$0
Other - Strategy PE Budget	\$0	\$0	\$0	\$0	\$0
Other - Stragegy 102 Budget	\$0	\$0	\$0	\$0	\$0
Total	\$27,507,027	\$72,019,247	\$26,303,568	\$0	\$125,829,842

RESOLUTION NO. MPO 2016-04

BY THE LAREDO URBAN TRANSPORTATION STUDY METROPOLITAN PLANNING ORGANIZATION POLICY COMMITTEE

ADOPTING THE 2015-2018 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

WHEREAS, the Laredo Urban Transportation Study (LUTS), the designated Metropolitan Planning Organization (MPO) for the Laredo Urban Area, has reviewed the proposed revision(s) of the 2015-2018 Transportation Improvement Program (TIP); and,

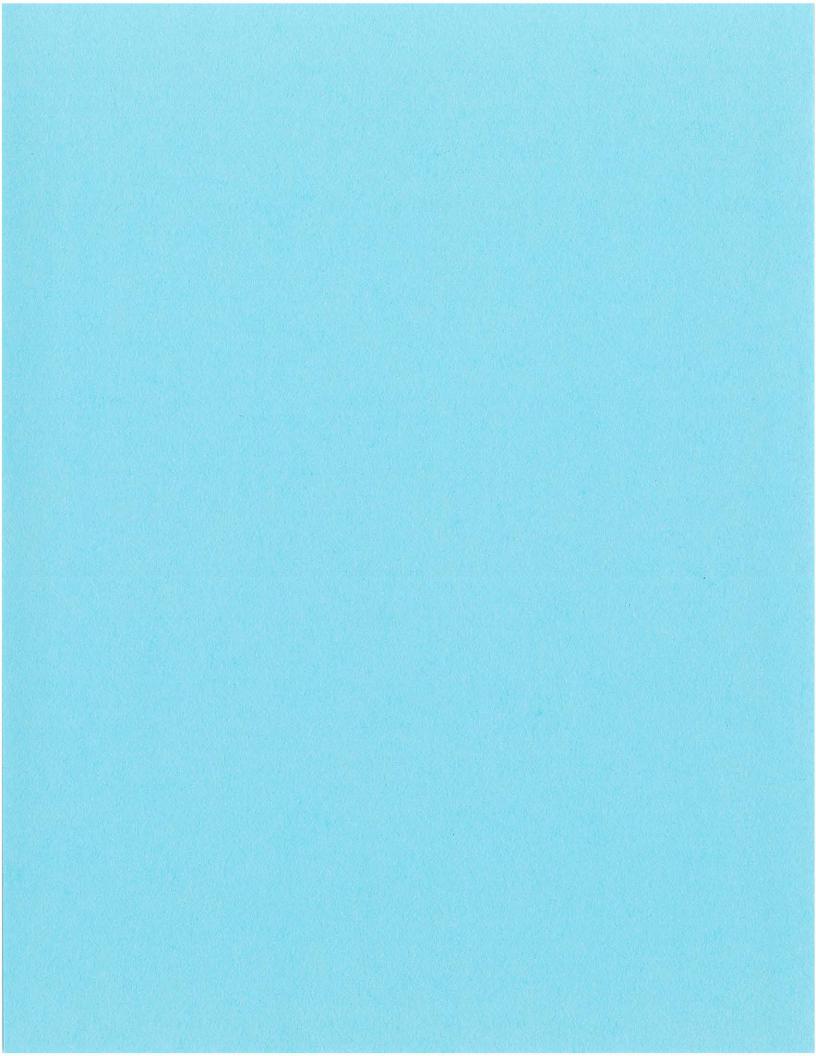
WHEREAS, the Laredo Urban Transportation Study finds that the proposed revision(s) 2015-2018 of the Transportation Improvement Program (TIP) meets the high priority improvements necessary for the LUTS area;

NOW THEREFORE BE IT RESOLVED, that the Laredo Urban Transportation Study, as the designated Metropolitan Planning Organization for the Laredo Urban Area, adopted the proposed revisions of the 2015-2018 Transportation Improvement Program (TIP), which are attached hereto and made a part hereof for all purpose:

We certify that the above resolution was adopted on April 18, 2016, at a public meeting of the Policy Committee of the Laredo Urban Transportation Study.

Honorable Pete Saenz Mayor of Laredo and Chairperson of the MPO Policy Committee

Nathan Bratton MPO Director Melisa Montemayor Laredo District Administrator



LAREDO URBAN TRANSPORTATION STUDY ACTION ITEM

· · · · · · · · · · · · · · · · · · ·									
DATE:	SUBJECT: RESOLUTION								
04-18-16	revision(s) of the 2015-2040 Laredo N	e Resolution No. MPO 2016-05, adopting the proposed Metropolitan Transportation Plan (MTP), which are as							
	follows:	Pastwey and Disusla/Dedestrien Project Summery and Table 12							
	-	Roadway and Bicycle/Pedestrian Project Summary and Table 12- igure 13-1, entitled Natural Resources and Federally Funded							
		Cultural Resources and Federally Funded Projects; Figure							
		eas and Federally Funded Projects; Table 13-1, entitled							
		vironmental Assessment Results; and Table 13-3, entitled							
		Environmental Justice Populations by:							
		J 2150-04-067 intended to provide the design and ditional travel lane (northbound) on FM 1472, from Killam							
construction of one additional travel lane (northbound) on FM 1472, from Industrial Boulevard to 0.3 miles north of Mueller Boulevard, in order to									
		pe of work to add language providing for the design and							
		uction of the existing outside lane.							
	1 5	t funding from 4.482 million to 5.782 million dollars. The							
	1 5	ect cost is proposed for funding thru Category 7 funds. J 0922-33-170, further identified as the Zacate Creek Multi-							
	1	il, located along Zacate Creek, intended to provide for the							
	a strain a second s	n of approximately 10,250 linear feet of trail, with an							
	estimated total project								
		MTP15-40/REV 04							
	BY:TxDOT/MPO	STAFF SOURCE: Nathan Bratton, MPO Director							
(MTP). The Po approved Resolu	licy Committee approved revision #1 of the M7	cy Committee adopted the 2015-2040 Metropolitan Transportation Plan IP on April 20, 2015. On October 19 th , 2015 the Policy Committee On March 21, 2016, the Policy Committee approved revision #3 and also period for proposed revision #4.							
funds to the pro Road) from Kill	ject identified as CSJ 2150-04-067 for the wide am Industrial Boulevard to 0.3 miles north of M	ocation of 4.482 million dollars in Proposition 1, Category 2 (MPO) oning of pavement to provide additional travel lanes on FM 1472 (Mines Aueller Boulevard with an estimated letting date of August 2016.							
plan developed needs and deve	and adopted for the metropolitan planning elops coordinated strategies to provide the	ation Plan is an official, comprehensive, intermodal transportation g area. The MTP identifies the existing and future transportation necessary transportation facilities essential for the continued							
		ated transportation strategies include roadway development and							
12.7 States and States		tions, bikeways and pedestrian facilities. The development of the the 21st Century (TEA-21), and the Safe, Accountable, Flexible,							
and Efficient T	Transportation Equity Act: A Legacy for Us	sers (SAFETEA-LU) of 2005, and Moving Ahead for Progress in							
	y (Map 21) to assure the continuation of fe wenty-year planning horizon.	deral transportation funds. The plan must address, at a minimum,							
	wenty-year planning norizon.								
A STATE AND A STATE OF A DATE OF A D	a 251 - Al and a fill a state of a state field of a state of a state state." We shall a state of a state field	ll revisions to the Transportation Improvement Program (TIP) Plan (MTP). That is a continued requirement under MAP21.							
		Staff comments continued							
COMMITT: Approval.	EE RECOMMENDATION:	STAFF RECOMMENDATION: Approval.							

LAREDO URBAN TRANSPORTATION STUDY ACTION ITEM

1	Purpose of Revision	Increase funding and chan	ge scope of work	
	CSJ #	2150-04-067		
	Project Description	Construction of additional reconstruction of existing of		ne design and partial
	Location	FM 1472 (NB)		
	Limits	From Spur 400 to SH 359		
	Linits			4 402 000 5 4 (0 + 2)
	Existing Funding	4,482,000 Prop 1 (Cat 2)	New Funding	4,482,000 Prop 1 (Cat 2) 1,300,000 CAT 7
	Letting	Aug-16		
2	Purpose of Revision CSJ # Project Description Location Limits Funding Letting	Add project 0922-33-170 Design and construction of Zacate Creek 1,000,000 CAT 9 250,000 local FY 2017	f Zacate Creek Hike a	nd Bike Trail

RESOLUTION NO. MPO 2016-05

BY THE LAREDO URBAN TRANSPORTATION STUDY METROPOLITAN PLANNING ORGANIZATION POLICY COMMITTEE

ADOPTING THE 2015-2040 METROPOLITAN TRANSPORTATION PLAN (MTP)

WHEREAS, the Laredo Urban Transportation Study (LUTS), the designated Metropolitan Planning Organization (MPO) for the Laredo Urban Area, has reviewed the proposed revision(s) of the 2015-2040 Metropolitan Transportation Plan (MTP); and,

WHEREAS, the Laredo Urban Transportation Study finds that the proposed revision(s) of the 2015-2040 Metropolitan Transportation Plan (MTP) meets the high priority improvements necessary for the LUTS area;

NOW THEREFORE BE IT RESOLVED, that the Laredo Urban Transportation Study, as the designated Metropolitan Planning Organization for the Laredo Urban Area, adopted the proposed revisions of the 2015-2040 Metropolitan Transportation Plan (MTP), which are attached hereto and made a part hereof for all purpose:

We certify that the above resolution was adopted on April 18, 2016, at a public meeting of the Policy Committee of the Laredo Urban Transportation Study.

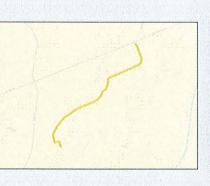
Honorable Pete Saenz Mayor of Laredo and Chairperson of the MPO Policy Committee

Nathan Bratton MPO Director Melisa Montemayor Laredo District Administrator

0922-33-170 Zacate Creek Multi-Use Hike & Bike Trail

Description: Design and construction of approximately 10,250 linear feet of trail.

Letting Year: 2017 Total Project Cost (2016 Dollars): \$1,250,000 YOE Cost: \$1,242,227 Programmed Amount: Category 9 : 1,000,000 Local: \$250,000 Funding: Federally funded Environmental Impacts and Environmental Justice: The project is close to 100-year flood plains, but it is not near low income areas or other cultural resources.





2150-04-067 FM 1472 (Mines Road): Design and construct additional travel lane (Northbound) and the design and partial reconstruction of existing outside lane.

Description: The project will provide for the design and construction of one additional travel lane (northbound), <u>and the</u> <u>design and partial reconstruction of existing outside lane</u> on FM 1472 (Mines Road), from Killam Industrial Boulevard to 0.3 miles north of Mueller Boulevard.

Letting Year: 2016 Total Project Cost (2016 Dollars): \$4,482,000 Total Project Cost (2016 Dollars): \$5,782,000 YOE Cost: \$5,782,000 Programmed Amount: Prop 1 : Category 2: \$4,482,000 Category 7: \$1,300,000 Other Amount: None Funding: State and Federally funded Environmental Impacts and Environmental Justice: The project is not near any low income, 100 year flood plain, or any other cultural resource.



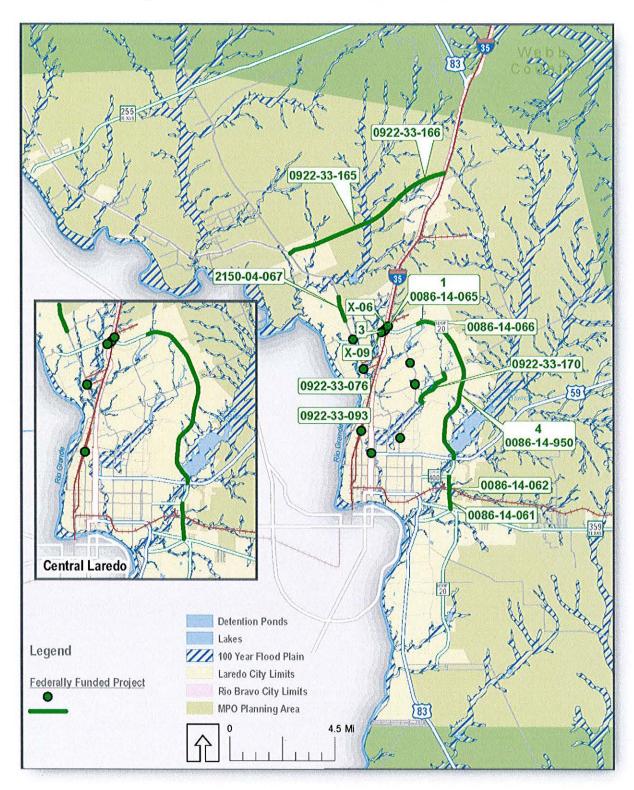


Figure 13-1: Natural Resources and Federally Funded Projects

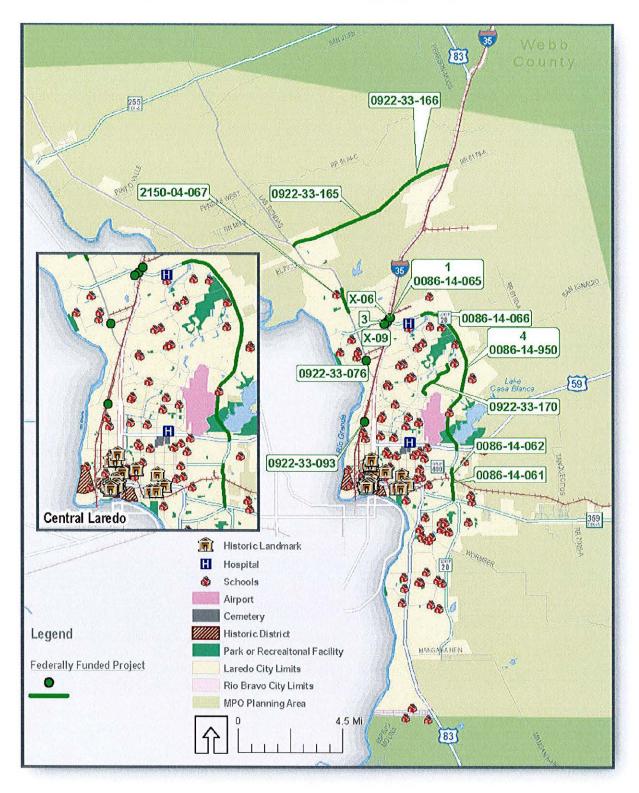


Figure 13-2: Cultural Resources and Federally Funded Projects

systems, electricity, paved roads, and safe and sanitary housing. Residents of colonias are mostly low-income individuals seeking access to affordable living accommodations.

In order to determine which Census tracts are considered low income in the Laredo region, the U.S. Census data that shows the number of households in poverty and total households in Census tracts in 2012 were used. A Census tract is considered to be a low income area if its percentage of households in poverty is higher than regional average.

Table 13-3 identifies which projects are located in Environmental Justice areas, while Figure13-3 and Figure 13-4 present the locations of Environmental Justice populations and thepriority projects within this MTP.

IJ	Roadway	Limits	Buffer Distance (Ft)	Low Income Census Tract	Colonia
0086-14-061	Loop 20	Clark Blvd to SH 359	400	V	
1, 0086-14-065	Loop 20	At IH 35	500		
0086-14-066	Loop 20	At International Blvd	500		
3	Loop 20	At IH 35	500		
4, 0086-14-950	Loop 20	International Blvd to US 59	400		
X-06	IH 35	At Loop 20	500		
X-09	IH 35	At Loop 20	500		
0922-33-076	City Street	At the intersection of FM 1472 and Flecha Ln/Las Cruces Dr	500	Ø	
0922-33-093	City Street	At the intersection of Calton Rd and Santa Maria Ave	500		
0922-33-093	City Street	At the intersection of Calton Rd and Santa Maria Ave	500	V	
0086-14-062	Loop 20	1.06 mi south of Spur 400 to Spur 400	400	\checkmark	
2150-04-067	FM 1472	Killam Industrial Blvd to .3 Mi North of Muller Memorial Blvd	400		
0922-33-165	Hachar Parkway	FM 1472 to .1 Mi East of Beltway Parkway	400		
0922-33-166	Hachar Parkway	.1 Mi East of Beltway Parkway to IH35 Frontage Rd	400		
0922-33-170	Zacate Creek Hike & Bike	.18 Mi N of Jacaman Rd to E Del Mar Blvd	400		

Table 13-3: Federally Funded Projects and Environmental Justice Population

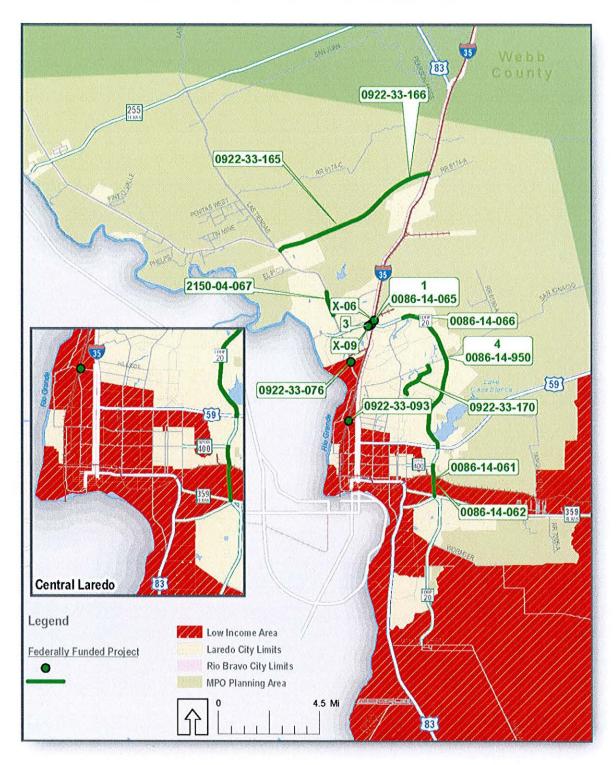


Figure 13-3: Low Income Areas and Federally Funded Projects

ID	Roadway	Buffer Distance (Ft)	100-YR Flood Plain	Water Bodies	Airport	Cemetery	Historic Site	Medical Facility	Park and Rec. Facility	School
0086- 14-061	Loop 20	400								
1, 0086- 14-065	Loop 20	500	Ø							
0086- 14-066	Loop 20	500	\square							
3	Loop 20	500								
4, 0086- 14-950	Loop 20	400	\square	\square						$\mathbf{\nabla}$
X-06	IH 35 at Loop 20	500								
X-09	IH 35 at Loop 20	500	\square							
0922- 33-076	City Street	500								
0922- 33-093	City Street	500								
0086- 14-062	Loop 20	400								
2150- 04-067	FM 1472	400								
0922- 33-165	Hachar Parkway	400								
0922- 33-166	Hachar Parkway	400								
0922- 33-170	Zacate Creek Hike & Bike	400								

Table 13-1: Federally Funded Projects Environmental Assessment Results

Environmental Mitigation Activities

It is stated in the laws governing the federal transportation planning process that "longrange transportation plans should include a discussion of types of potential environmental mitigation activities and potential areas to carry out these activities, including activities that may have the greatest potential to restore and maintain the environmental functions affected by the plan". In addition, MAP-21 requires that potential environmental mitigation activities be developed in consultation with federal, state, and tribal wildlife, land management, and regulatory (resource) agencies. The Laredo MPO is committed to minimizing and mitigating the negative effects of transportation projects on the natural and built environments. In doing so, the MPO recognizes that not every project will require the same type or level of mitigation. Some projects, such as new roadways and new interchanges, involve major construction with considerable earth disturbance. Others, like intersection improvements, street lighting, and resurfacing projects, involve minor construction and minimal, if any, earth disturbance. The mitigation efforts used for a project should depend upon how severe the impact on environmentally sensitive areas is expected to be. To the extent possible, transportation projects should minimize off-site disturbance in sensitive areas and develop strategies to preserve air and water quality, limit tree removal, minimize grading and other earth disturbance, provide erosion and sediment control, and limit noise and vibration. Where feasible, alternative designs or alignments are developed that would lessen the project's impact on environmentally sensitive areas. 40 CFR 1508.20 suggests that typical steps for mitigation include the following:

- Avoiding the impact altogether by not taking a certain action or parts of an action.
- Minimizing impacts by limiting the degree or magnitude of the action and its implementation.
- Rectifying the impact by repairing, rehabilitating, or restoring the affected environment.
- Reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action.
- Compensating for the impact by replacing or providing substitute resources or environments.

Effective mitigation starts at the beginning of the environmental process, not at the end. Mitigation must be included as an integral part of the alternatives development and analysis process. An ordered approach to mitigation, known as "sequencing," involves understanding the affected environment and assessing transportation effects throughout project development. A variety of possible mitigation activities and measures that can be considered when dealing with



environmental impacts, most of which are considered by the MPO during the project development process. The environmental mitigation strategies and activities are intended to be regional in scope, and may not necessarily address potential project-level impacts. As the location and magnitude of the proposed projects are determined, appropriate project level mitigation measures can be developed. **Table 13-2** lists the mitigation measures by resource.

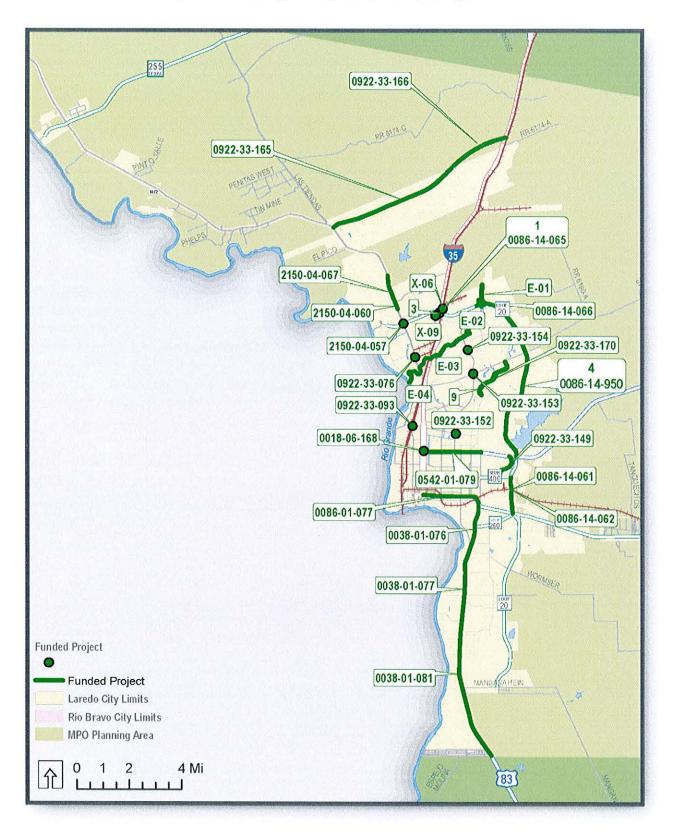
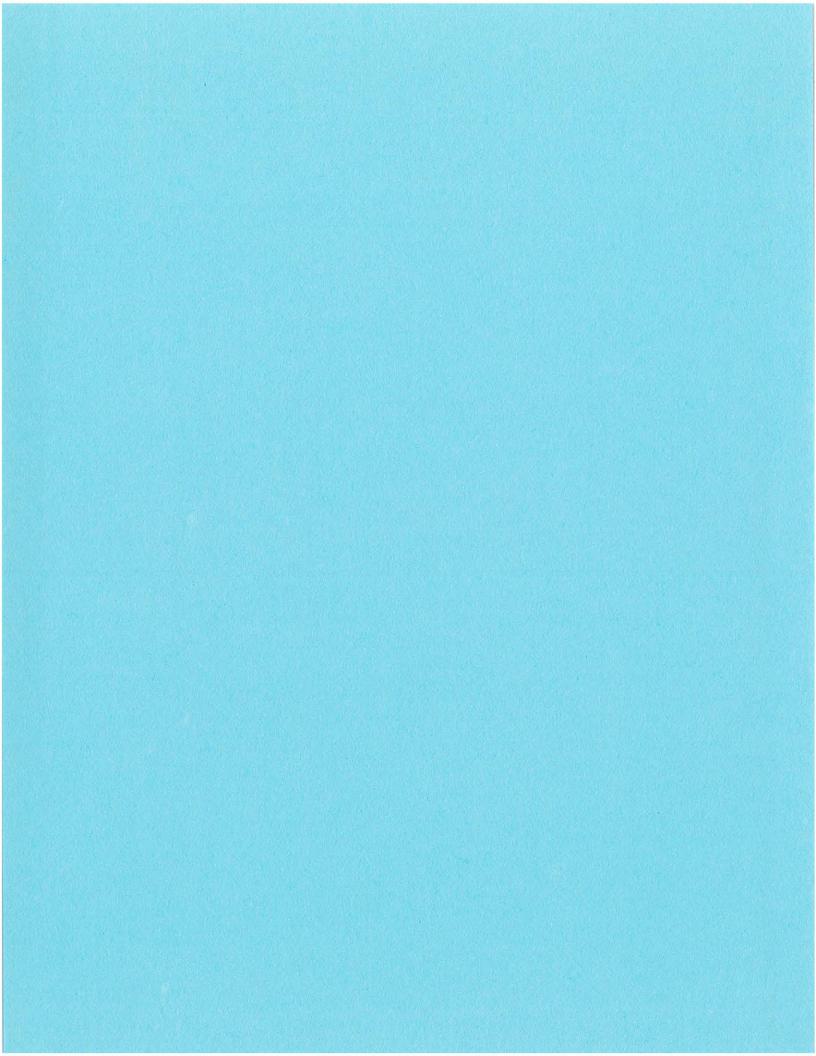


Figure 12-1: Roadway and Bicycle and Pedestrian Projects

Table 12-10: Roadway and Bicycle/Pedestrian Projects Summary

Bit Bit <th>Circl Other Aug Auge of the Auge</th> <th>18010 12-</th> <th>To: nodoway a</th> <th>ind Bicycle/Pedestrian Pr</th> <th>ojects summary</th> <th></th> <th>Signal 20</th> <th>Project</th> <th>Cost</th> <th>Projected</th> <th>Revenue</th>	Circl Other Aug Auge of the Auge	18010 12-	To: nodoway a	ind Bicycle/Pedestrian Pr	ojects summary		Signal 20	Project	Cost	Projected	Revenue
City Columbia Readersy Lensity Description City Columbia Columbia<	Get Collegit Reader Lance Decayaging Construction Constructio	1000						Total Project			Other
1.1 0.068 4-001 0.078 4-001 0	1.1 0.081-10.01. Log. 20 31.35 for Spar 400 to Spar 400 Weller restring bridge 2015 1/// 5//// 1/// 5//// 1/// 5//// 1/// 5//// 1/// 5//// 1/// 5//// 1//// 5///// 1//// 5///// 1//// 5///// 1///// 5///// 1///// 5///// 1///// 5///// 1///// 5///// 1///// 5///// 1///// 5///// 1///// 5///// 1///// 1///// 1///// 1///// 1///// 1///// 1///// 1///// 1///// 1///// 1///// 1///// 1///// 1///// 1///// 1///// 1///// 1///// 1////// 1///////// 1////////// 1////////////// 1////////////////////////////////////	Cot	CSJ No./ID	Roadway	Limits	Description		(in 2014	Expenditure		and Local
1, 2, 4 60054 4002 10056 of Speed 005 (pix 00) Proceeding of Speed 000	1, 2, 4 0016-16402 log 2, 500 UD5 - 5199-400 b (30 + 400 New Nonfineway formage road 2015 Stype 2 8 0016-1660 UB3 1 LOD5 - 5199-400 b (30 + 400 New Nonfineway formage road 2015 Stype 2 8 0016-1660 UB3 1 Pale Base road 19 - 5199-302 Stype 2 <	7, 11	0086-14-061	Loop 20	SH 359 to Spur 400	Widen existing bridge	2015	and the second	\$10,655,472	\$8,524,378	
II Control of Solution M LD 9 interaction mpmore traffic input information PDS SSL 40	8 0018-01-00 115 At US 59 MUS 59 115 53,14,24 59,23,26 8 0038-01-07 US 31 Calible Line big 3bit Bitter Improve traffic space interconnect space 3bit 30 53,14,24 53,12,44 53,12,44 53,12,44 53,12,44 53,12,44 53,12,44 53,12,44 53,12,44 53,12,44 53,12,44 53,12,44 53,12,44 53,12,44 53,12,44 53,12,44 53,12,44 53,12,44 53,12,44 53,12,45 53,12,25										\$16,106,717
8 0008 41077 USB 3 Calls 10 into 7 Jul 3 JUL 30 Jul	8 Olds 0 007 US 38 Clarb 0 001 00 000 Part 35 10 0130 Part 35 10 0100 Part 35 10 01000 Part 35 10 01000 P	8	0018-06-168	IH 35	At US 59 intersection		2015	\$96,146	\$99,992		\$18,290
8 0162-0177 US 31 UI 35 to 3455 mpoore traffic signals-interconnect signals mome traffic signals 2015 5140,020 5141,020 5155,022 5141,020 5155,022 5141,020 5155,022 522,020 8 2150-04057 IN 127 Altons 70 Impoore traffic signals 2005 590,700 591,320 572,020 552,020,000 552,020 552	8 0554-0070 US38 H135 B A1359 Improve traffs again - interconnect signals Improve traffs again - interconne	8	0038-01-076	US 83	Palo Blanco to SH 359	Improve traffic signals - interconnect signals	2015	\$124,873	\$129,868	\$109,625	\$20,243
8 6.24 0.079 0.59 H135 to Advance minowe traffic signals - interconnect signals and real intervals and real intervals intervals and real intervals intervals and real intervals	8 92-20 0.79 14 35 Advances Improve traffs ages interconnect signals and mail and	8	0038-01-077	US 83	Cielito Lindo to Palo Blanco	Improve traffic signals – interconnect signals	2015	\$171,131	\$177,976	\$131,375	\$46,601
1 2150-04.07 M1472 At Logs 20 Single 4 (m) Singl	Improve traffic signals, and natal Improve traffic signals, and natal 8 210-04.00 PM 1472 Rile not data till bed to Petagrino Install acide medianis 2015 548,600 555,560 9 9 Bike Tail Care Den to Diff Mar Netz Contract bike and bike trail 2015 548,600 555,550 10 1002.7307.80 Loga 20 Signal sect of Mar Netz Sciences 10, 500,500 53,337,200 <td>8</td> <td>0086-01-077</td> <td>US 83</td> <td>IH 35 to SH 359</td> <td>Improve traffic signals - interconnect signals</td> <td>2015</td> <td>\$174,922</td> <td>\$181,919</td> <td>\$153,625</td> <td>\$28,294</td>	8	0086-01-077	US 83	IH 35 to SH 359	Improve traffic signals - interconnect signals	2015	\$174,922	\$181,919	\$153,625	\$28,294
8 212-04-0600 FM 1472 Alternational and an analysis of the Perfamine insult reason median 2015 516,060 515,065 512,02,52 522,02 9 9 Bile Teal Control to M we find software interval Software inte	8 250-06 -000 FM 1472 Contractive Research (in the	8	0542-01-079	US 59	IH 35 to Arkansas		2015	\$140,963	\$146,602	\$123,750	\$22,852
Alexander like and Bin Tail Alexander like Bin Tail Bin	Alexander Hike and Bike Trail Alexander Hike and Data Bike Trail Construct Nie and Like trail Dist State Dist	8	2150-04-057	FM 1472	At Loop 20	overhead guide signs	2015	\$90,700	\$94,328	\$77,074	\$17,254
9 8 Ref and Decision word of Materian Decision Word Decision Word Decision Decision Word Decision Decision Word Decision De	9 9 No. The formation of the fo	8	2150-04-060		Killam Industrial Blvd to Pellegrino	Install raised median	2015	\$149,669	\$155,656	\$128,438	\$27,218
10 Dop 3: Log 3: Dop 3: Log	10 0005 - 14-0 in the interaction of the interact	9	9			Construct hike and bike trail	2015	\$986,078	\$1,025,521	\$1,025,521	\$0
11 092.00.00 VA Districtione Upgrade long and and MBGF 2015 53,050,000 53,181,397 52,500,000 58,181,397 12 003-01.01 USB 01.01	11 0922-00 000 VA Digrade biolog milling anilland MBGF 2015 \$53,98.21 \$5,18.1,39.7 12 0038-01.081 US 8 Mains RG (NR) Resurface of existing highway 2015 \$53,88.2 \$56,87.07 1.2M, Mains RG (NR) 0.45 m. east of internation Bind to U.2 m. east of internation of interchange 2016 \$588,826 \$559,213.78 9 F.01 and Bin Tal, Fixa III Construction of interchange 2016 \$588,826 \$559,213.78 10 0022-33.092 Cattors Rd (Transmith Merice Vigh School to US) Schematic, environmental, ROW survey/mapping & F2 2016 \$5,882.24 \$1,481,392 11 0922-03.055 Hohm Fair Parkway Schematic, environmental, ROW survey/mapping & F2 2016 \$1,001,603 \$1,001,603 11.ccl 0922-33.056 Hohm Fair Parkway D1 m. E. of Bittway Parkway (NI Hohm Cattor Schematic environmental, ROW survey/mapping & F2 2016 \$1,001,603 \$1,001,603 11.ccl 0922-33.156 Hohm Fair Parkway D1 m. E. of Bittway Parkway Schematic environmental, ROW survey/mapping & F2 2016 \$1,001,606.80 \$3,00,000	10	0086-14-051	At the intersection of		Schematic, environmental, ROW-survey/mapping & PSE	2015	\$4,256,385	\$4,426,640	\$4,000,845	\$425,795
Calibratic Linds Biol (RB) Restrict of existing highway 2015 523,823 526,77 55,93,62 5 1.2.M. Ob5 14.06 IS Loop D D Ads m. east of Internation Biol to D Construction of Interchange 2015 S48,834 522,377,543 S58,834 522,372,33 S55,000 S58,834 522,372,33 S55,000 S58,834 522,372,33 S55,000 S58,834 522,372,33 S55,000 S58,834 522,372,33 S55,000,00 S544,225 S50,000,00 S50,000,00 S544,225 S50,000,00 S50,000,00 S544,225 S50,000,00 S50,000,00 </td <td>List Calibration Bird (NB) Return for 0 existing highway 2015 523,823 523,823 1.2, M, 1.1 0056 14-06 Lop 2 0 Mandad Creek Hile 0.45 m. east of Internation Bird 20 Construction of Interchange 2016 523,823 523,873 10 0922-3305 Lob 10 and Bile Trai, Fhare III Under Life Social Life Socia</td> <td>10</td> <td>0922-33-076</td> <td>Ln/Las Cruces Dr</td> <td></td> <td>Re-align intersection</td> <td>2015</td> <td>\$3,377,269</td> <td>\$3,512,360</td> <td>\$1,440,411</td> <td>\$2,071,949</td>	List Calibration Bird (NB) Return for 0 existing highway 2015 523,823 523,823 1.2, M, 1.1 0056 14-06 Lop 2 0 Mandad Creek Hile 0.45 m. east of Internation Bird 20 Construction of Interchange 2016 523,823 523,873 10 0922-3305 Lob 10 and Bile Trai, Fhare III Under Life Social Life Socia	10	0922-33-076	Ln/Las Cruces Dr		Re-align intersection	2015	\$3,377,269	\$3,512,360	\$1,440,411	\$2,071,949
12 0.03-01.03 U.S.3 Moles la (b.S.3 Moles la (b.S.3 S26.3,97 5,25.3,87 5,25.2,87 5,25.3,87 5,25.2,87 5,25.3,87 5,25.2,87 5,25.3,87 5,25.2,87 5,25.3,87 5,25.2,87 5,25.2,87 5,25.2,87 5,25.2,87 5,25.2,87 5,25.2,87 5,25.2,87 5,25.2,87 5,25.2,87 5,25.2,87 5,25.2,87 5,25.2,87	12 0038 01-081 US 83 Melna Rd (Ne) Resurface of existing highway 2015 \$253,823 \$253,926 1,2M, 1 0065 14-066 Loop 20 0.5 m. exist of Internation Bird/30 mand blace Tail, Phase III Onds m. exist of Marphenon Construction of interchange 2016 \$21,777,743 0 0052 33-093 Calton Rd Santa Mara Ace Construction of interchange 2016 \$33,80,224 \$41,005 10 0052 33-093 Calton Rd Santa Mara Ace Construct overpass 2016 \$33,80,224 \$41,005,002 10 0052 33-053 Loop 20 Systemation Middel Calton Construct overpass 2016 \$33,80,224 \$41,005,002 10 0022 33-056 Hackar Parkway 35 Santa Mara Acee Santa Mara Mara Mara Acee Sa	11	0922-00-060	VA	Districtwide	Upgrade bridge rail and MBGF	2015	\$3,059,036	\$3,181,397	\$2,500,000	\$681,397
11 0065-14.06 Log 20 0.75. most of Megherion Construction of interchange 2016 N/A 522,777.54 558,54 522,273.55 9 E-01 and Bik Tal, Pisar III Under High School to Log 20 Construct werges 2016 538,840, 22 537,1778 537,1778 537,1778 537,1778 537,1778 537,1778 537,0780 535,00,000 535,00,000 535,00,000 535,00,000 535,00,000 535,00,000 535,00,000 535,00,000 535,00,000 535,00,000 535,00,000 555,00,000 535,00,000 555,00,000 555,00,000 555,00,000 555,00,000 557	1.1 0685-14.06 0.002 20 2.5 m. west of Mcgheron Construction of interchange 2.016 M/A 522,777,53 9 E-01 and Bike Tail, Phase III United High School to loop 2 Construct Wearpass 2.016 53,880,224 54,196,680 10 0052-14-058 Loop 20 S0,100 20 Construct Mage Construct Wearpass 2.016 53,880,224 54,196,680 11 022-0055 VA S0,100 20 Construct Mage Construct Wearpass 2.016 53,880,224 54,196,680 10 022-33165 Hachar Parkway D.1m. E. of Beltway Parkway to H Schematic, environmental, and Deliminary enginering for Mage 2.016 53,080,024 53,00,000 53	12	0038-01-081	US 83		Resurface of existing highway	2015	\$253,823	\$263,976	\$6,593,622	\$0
11 0065-14.06 Log 20 0.75. most of Megherion Construction of interchange 2016 N/A 522,777.54 558,54 522,273.55 9 E-01 and Bik Tal, Pisar III Under High School to Log 20 Construct werges 2016 538,840, 22 537,1778 537,1778 537,1778 537,1778 537,1778 537,1778 537,0780 535,00,000 535,00,000 535,00,000 535,00,000 535,00,000 535,00,000 535,00,000 535,00,000 535,00,000 535,00,000 535,00,000 555,00,000 535,00,000 555,00,000 555,00,000 555,00,000 555,00,000 557	1.1 0685-14.06 0.002 20 2.5 m. west of Mcgheron Construction of interchange 2.016 M/A 522,777,53 9 E-01 and Bike Tail, Phase III United High School to loop 2 Construct Wearpass 2.016 53,880,224 54,196,680 10 0052-14-058 Loop 20 S0,100 20 Construct Mage Construct Wearpass 2.016 53,880,224 54,196,680 11 022-0055 VA S0,100 20 Construct Mage Construct Wearpass 2.016 53,880,224 54,196,680 10 022-33165 Hachar Parkway D.1m. E. of Beltway Parkway to H Schematic, environmental, and Deliminary enginering for Mage 2.016 53,080,024 53,00,000 53	1.21.7			0.45						
9 E-01 and Mike Tad, Phase III United Tigh School toop 20 Construct towards 2016 SSB6.364 SSB6.365	9 6.0 and Bike Trail, Phase III United High School to Loop 2 Construct we prash 2 2016 \$538,80,24 \$595,213 10 0082-14-05 Loop 20 Stant Aria Ave East of International Bivd to US Construct we prash 2016 \$53,80,224 \$4,166,50 11 0022-0055 VA 50/Loop 20 Interchange Districtwide Schematic, environmental, ROW-survey/mapping & PSE 2016 \$3,88,0224 \$4,166,50 10 0022-03515 Hathar Parkway Districtwide Schematic, environmental, ROW-survey/mapping & PSE \$10 \$3,00,000 \$300,000 10 0022-03516 Hathar Parkway 35 a fam rund readway. 2016 \$3,00,000 \$300,000 10 0023-03516 Hathar Parkway 35 a fam rund readway. 2016 \$3,00,000 \$300,000 10 0023-3515 McHathar Parkway Northor Males Biold to 0.3 mise setting and papping head tage 2016 \$3,00,200 \$300,000 10 0223-3515 McHathar Biold to 0.3 mise construct me additing an orthoound tave lina, and papping head tage 2017 \$33,50,505		0086-14-066	and a second sec		Construction of interchange	2016	N/A	\$22,777,543	\$583,634	\$22,193,909
10 0922-33-09 Cattor field Same Mark Ave Exst of field Construct overpass 2016 523,807,247 512,926,214 512,926,926 53,980,224 512,926,920 55,926,200	10 0223.393 Calon Rd Santa Mara Ave East of International Bivd US 2016 \$23,309,669 \$25,211,738 10 0065-14-058 too 20 59/Loop 20 InterChange Schematic, environmental, R0W-survey/maying & FS2 2016 \$3,882,24 \$4,106,553 10 0065-14-058 Icon 20 59/Loop 20 InterChange Upgrade Integral and MBGF 2016 \$3,882,24 \$4,106,553 10 0022-03.056 VA Parkavay 70 Parkavay 2016 \$3,000.00 \$300,000 10(CB) 0222.33.156 Islan Industrial Bivd to 0.3 miles Construct overpass and approach.1407 2016 \$5,422,000 \$5,422,000 10(CB) 0222.33.150 Hohers R64 north of Mueller Bivd. Exerct overpass and approach.randways 2016 \$5,422,000 \$5,722,000 10(CB) 0222.33.151 McPherson Rd At Calton Rd Install raised median 2017 \$5,722,000 \$5,782,000 11 0922.33.151 McPherson Rd At Calton Rd Install raised median 2017 \$535,735 \$5,782,000 \$5,782,000	0	E 01		United High School to Loop 20	Construct hike and hike trail	2016	600C 04C	6050 212	6050 212	¢0
Instruction	International Bold to US East of International Bold to US 10 0082-14058 Log 200-55 VA Districtwide M1 272 to 0.1 m. c. fold Bulky Parkway Schemistic, environmental ADMOF 2016 S3,88,224 S4,186,S50 10 0822-331-55 Heacher Parkway Schemistic, environmental And Preliminary regisering on the C. Bellway Parkway 206 S3,080,204 S1,016,063										\$12,285,614
11 0922-00-05 VA Districtivede FM 1472 to 1n. L. of EMU synchronental (or SJD miles of Shane rural roadway. 2016 SJD.05.063 SJD.15.06.03 SJD.15.06.03 SJD.05.063 S	11 0922-09:05 VA Districtivate FM 1472 to 0.1 m. c 10 fettiva Parkway 0.1 m. c 10 fettiva Parkwa				East of International Blvd to US						
PH 1472 to 0.1.m. E. of Bellswing Schematic, environmental for 5.07 miles of Slame rules 2016 \$1,016,063 \$1,016,063 \$1,016,063 \$0 \$1,016,063 10 0(20) 922-33-165 Hachar Parkway 35 Schematic, environmental, and preliminary engineering for a 5 lame rule relationary engineering for to 01.m. E. of Bellsway Farkway 10 HI Schematic, environmental, and preliminary engineering for a 5 lame rule relationary engineering for to 01.m. E. of Bellsway 10 HI Schematic, environmental, and preliminary engineering for a 5 lame rule relationary engineering for to 01.m. E. of Bellsway 10 HI Schematic, environmental, and preliminary engineering for to 01.m. E. of Bellsway 10 HI Schematic, environmental, and preliminary engineering for to 01.m. E. of Bellsway 10 HI Schematic, environmental, and preliminary engineering for to 01.m. E. of Bellsway 10 HI Schematic, environmental, and preliminary engineering for to 01.m. E. of Bellsway 10 HI Schematic, environmental, and preliminary engineering for to 01.m. E. of Bellsway 10 HI Schematic, environmental, and preliminary engineering for to 01.m. E. Schematic, engintendischematic, engineering for to 01.m. E. Schematic, e	FM H2T2 to 0.1 m. E. of Beltway Schematic, environmental for 5.07 miles of 5 lane rual Schematic, environmental, and preliminary engineering for a 5 lane rual rodway. Other Schematic, environmental, and preliminary engineering for a 5 lane rual rodway. Other Schematic, environmental, and preliminary engineering for a 5 lane rual rodway. Other Schematic, environmental, and preliminary engineering for a 5 lane rual rodway. Other Schematic, environmental environmental, and preliminary engineering for a 5 lane rual rodway. Other Schematic, environmental environmental, and preliminary engineering for a 5 lane rual rodway. Other Schematic, environmental environmetal environmental environment				and the second						\$696,850
Ol. m. E. oft Beltuxy Parkvay 10 (HI Schematic, environment), and preliminary engineering for a 5 line rule roadway. 2016 \$300,000 \$500,000	O.1 m. E. of Beltway Farsh Schway 19 Schway 35 a S Imer val roadway. 2016 Sauch 2000 Sauch	11	0922-00-056	VA			2016	\$3,089,177	\$3,341,254	\$2,500,000	\$841,254
10 (CB) 092:33:166 Hachar Parkway 35 a 5 lane run' rodway. 2016 \$300.000 \$300.000 \$300.000 \$510.000.000 \$510.000.00 \$510.000.00 \$510.000.00 \$510.000.00 \$510.000.00 \$510.000.00 \$510.000.00 \$500.000 \$500.000 \$500.000 \$510.000.00 \$510.000.00 \$510.000.00 \$510.000.00 \$510.000.00 \$510.000.00 \$510.000.00	10 (CB) 0922-33-16F Machar Parkway 35 a 5 her unal roadway. 2016 \$300,000 Prop J. Construct on additional northbound travellance and the selising outside 2016 \$4,432,000 \$4,482,000 Prop J. Construct on additional northbound travellance and the selising outside 2016 \$5,782,000 \$5,782,000 Prop J. Construct on additional northbound travellance and the selising outside 2016 \$5,782,000 \$5,782,000 10 (CB) 10 000-14 0F5 In 1472 (Innes Rd) north of Mueller Bidd lane. 2017 \$53,782,000 \$5,77,77,72 \$3 \$5,78	Local	0922-33-165	Hachar Parkway	The second second second second second	A CONTRACT OF A	2016	\$1,016,063	\$1,016,063	\$0	\$1,016,562
Circle J. 2150-01407 Killar Industrial BW do 0.3 miles Construction and distant anorthbound travel lane, and the stating outside. 2016 \$4,482,000 \$4,482,000 \$4,482,000 \$4,482,000 \$4,482,000 \$4,482,000 \$4,482,000 \$4,482,000 \$4,482,000 \$4,482,000 \$4,482,000 \$4,482,000 \$4,482,000 \$4,482,000 \$4,482,000 \$4,482,000 \$4,482,000 \$4,482,000 \$5,782,000<	Chi Construct one additional nonthhound travel lane 2016 54,482,000 54,482,000 Construct one additional nonthhound travel lane, and the construct one additional nonthhound travel lane, and the sign and partial reconstruction of the axisting outside V V and 7 2150,04.067 FM 1472 (Mines Rd) north of Mueller BMd. Iane, and 7 2016 55,782,000 55,782,000 2,7,12 10086-14.065 Loop 20 At H 35 Construct one additional and add right true lane 2017 552,509,223 553,686,455 8 0922-33-152 McPherson Rd At Calton Rd Install raised median 2017 5337,005 5377,1172 8 0922-33-154 McPherson Rd to North Central manadas Creek Hile McPherson Rd to North Central construction of a pedestrian trail at Chacon Creek in Laredo 2017 5335,305 5377,172 11 0922-33-149 Chacon Creek Eastwoods Park to US 59 (Phase 3) 2017 1,250,000 51,416,278 2,7 3 Loop 20 At H 35 Construct on adots returned no hike trail 2017 5,24,66,421 5,04,61,627 2,7 3 Loop 20	the second se	0922-33-166	Hachar Parkway	35		2016	\$300,000	\$300,000	\$300,000	\$60,000
Cat 20 Killam Industrial Biold to 0.3 miles design and partial reconstruction of the existing outside v	ICal. 2) Killam Industrial Bibd to 0.3 miles design and partial reconstruction of the existing outside 9 2016 \$5,782,000 \$5,782,000 27,712 1/0086-14.065 Loop 20 At H 35 Construct overpass and approach roadways 2017 \$52,509,223 \$53,6568,455 8 0922-33.152 MCPherson Rd At Calton Rd Install risked median 2017 \$537,212 \$546,538 8 0922-33.152 MCPherson Rd At International Bivd Install risked median 2017 \$537,212 \$546,538 8 0922-33.152 MCPherson Rd At International Bivd Install risked median 2017 \$335,305 \$377,172 9 E-02 and Bike Trail, Phase IV Park Construction of a pedestrian trail at Chacon Creek in Laredo 2017 \$1,786,746 \$2,009,846 7 3 Loop 20 At IH 35 Construction of hike and bike trail 2017 \$1,786,746 \$2,009,846 7,7 3 Loop 20 At IH 35 Construct trains form H 35 southbound to Loop 20 \$31,70,7748 9 E-03	(Cat 2)	2150-04-067	FM 1472 (Mines Rd.)			2016	\$4,482,000	\$4,482,000	\$4,482,000	\$0
and Z 2150 Oct-607 FMI 412 (Mines R6) one that Meller Bild lane. 2016 55,782,000 55,782,700 55,782,700 55,782,700 55,782,700 55,782,700 55,782,700 55,782,700 55,782,700 55,782,700 55,782,700 55,782,700 55,782,700 55,782,700 55,782,700 55,782,700 55,782,700 55,782,700 50,771,772 50,	and 7 2150-04067 FM 1472 (Mines Rd) onth of Mueller Bivd. Jane. 2016 \$5,78,000 \$5,78,000 2,7,12 JOBE 144065 Loop DO At H 35 Construct oversas and approach readways 2017 \$53,250,223 \$55,82,000 \$53,77,172 \$50,82,000 \$51,707,748 \$50,82,000 \$51,707,748				Killam Industrial Rhid to 0.2 miles						
2, 7, 12 1/2008-14-065 1/2009 AL IH 35 Construct overpass and approach radways 2017 \$52,509,225 \$35,568,455 \$22,62,357 \$13,9154 8 0922-33-153 MPherson Rd AL Calton Rd Install naised median and add right turn lane 2017 \$533,201 \$564,558 \$506,445 \$13,9154 8 0922-33-153 MPherson Rd AL Del Mar Blvd Install raised median 2017 \$533,205 \$507,416 \$306,098 \$584,73 9 E-02 and Bike Trail, Phase IV Park Construct on 4 a pedestrian trail al Chacon Creek in Laredo 2017 \$1,786,746 \$2,009,846 \$1,410,000 \$599,84 9 E-02 Namadas Creek Hike McPherson Rd to North Central 2017 \$1,786,746 \$2,009,846 \$1,410,000 \$599,84 9 E-02 Namadas Creek Hike and Design and construction of hike and bike trail. 2017 \$1,786,746 \$2,009,846 \$1,410,000 \$292,000 9 E-03 and Bike Trail, Phase IV Park Construct hike and bike trail 2018 \$44,200,000 \$51,61,52 \$766,152 \$26,66,517 \$23,499,354 \$0	2, 7, 12 1/0086-14-065 Loop 20 At H 35 Construct overpass and approch roadways 2017 \$32,509,223 \$36,568,455 8 0922-33-152 McPherson Rd At Calton Rd Install raised median 2017 \$523,602,23 \$260,251 8 0922-33-153 McPherson Rd At Del Mar Blvd Install raised median 2017 \$523,602 \$263,558,455 8 0922-33-153 McPherson Rd At International Blvd Install raised median 2017 \$537,717 \$645,358 9 E-02 and Bike Trail, Phase IV Park Construct hike and bike trail 2017 \$1,766,746 \$2,009,846 10 0922-33-120 Bike Trail Zacated Creek Hike and Design and construction of hike and bike trail 2017 \$1,766,746 \$2,009,846 2,7 3 Loop 20 At H 35 Southbound to Loop 20 eastbound, and from Loop 20 westbound to H 35 southbound to Loop 20 2,7 3 Loop 20 At H 35 Construct hike and bike trail 2018 \$654,910 \$766,152 7,1		2150-04-067	EM 1472 (Mines Rd.)			2016	\$5 782 000	\$5 782 000	\$1 300 000	\$0
8 0922.33.152 MCPherson Rd At Calton Rd Install raised median 2017 5231.362 5260.251 5208.259 5556.455 5536.265 5537.172 5377.172	80922-33-152McPherson Rd MCPherson Rd At Del Mar BlvdInstall raised median2017\$231,362\$260,25180922-33-153McPherson Rd Mt Del Mar BlvdAt Del Mar BlvdInstall raised median and ad right turn lane Install raised median2017\$537,721\$645,3589E-02Manadas Creek Hike and Bike Trail, Phase IVParkConstruct hike and bike trail Construct ion of a pedestrian trail at Chacon Creek in Laredo Construction of a pedestrian trail at Chacon Creek in Laredo 2017\$1,786,746\$2,009,8469E-02Bike TrailCacate CreekEastwoods Park to US 59(Phare 3)2017\$1,786,746\$2,0000*20,102922-33-149Chacon CreekEastwoods Park to US 59(Phare 3)2017\$1,786,746\$2,0000*\$1,416,2789E-03Bike TrailZacate Creek Hike and Bike TrailConstruct ion of padestrian trail at Chacon Creek in Laredo Construct namps from H 35 southbound to Loop 20 eastbound, and from Loop 20 westbound to H 352018\$44,200,000\$51,707,7482,73Loop 20At H 35southboundConstruct hike and bike trail2018\$654,910\$766,152100922-33-925Hachar ParkwayParkwayConstruct hike and bike trail2018\$20,809,841\$23,499,3542,73Loop 20At H 35Construct hike and bike trail2018\$44,200,000\$51,770,7482,74Bod Grand ParkwayParkwayConstruct hike and bike trail2018\$54,910\$766,152 </td <td></td> <td>and the second of the second se</td> <td>and the second second</td> <td></td> <td>Provide State Stat</td> <td></td> <td></td> <td></td> <td></td> <td>and a second second</td>		and the second of the second se	and the second		Provide State Stat					and a second
8 0922-33-153 McPherson Rd At Del Ma Blud Install raised median 2017 \$573,721 \$645,358 \$505,465 \$139,91 8 0922-33-154 McPherson Rd At International Blud Install raised median 2017 \$537,721 \$645,358 \$505,465 \$537,972	8 0922-33-153 McPherson Rd At Del Mare Bidd Install raised median and add right turn lane 2017 \$537,721 \$545,358 8 0922-33-154 McPherson Rd At International Bidd Install raised median 2017 \$337,406 \$5390,830 9 E-02 Amadas Creek Hile and Bike Trail, Phase IV Park Construction of a pedestrian trail at Chacon Creek in Laredo 2017 \$1,786,746 \$2009,846 9 0222-33-102 Bike Trail Zacte Creek Hile and Dike Trail Construction of a pedestrian trail at Chacon Creek in Laredo 2017 \$1,786,746 \$2,009,846 9 0222-33-102 Bike Trail Zacte Creek Hile and Construction of Dike and Dike trail. 2017 \$1,786,746 \$2,009,846 9 FG3 Manadas Creek Hile and Bike Trail, Phase V H 135 Construct Insp from H 35 Southbound to Loop 20 \$218 \$44,200,000 \$51,707,748 9 FG3 Manadas Creek Hile and Bike Trail, Phase V H 135 to McPherson Rd FM 1472 to 0.1 m. E. of Beltway Construct Inike and bike trail 2018 \$26,89,041 \$23,499,354 10 922-03-951 VA Manadas Creek Hile FM 1472 to 0.1 m. E. of Beltway Construct Inise										
80922-33-154McPherson RdAt International BirdInstall raised median2017\$347,466\$390,800\$306,098\$84,739E-02and Bike Trail, Phase IVParkConstructine of a pedestrian trail at Chacon Creek in Laredo2017\$335,305\$377,172\$377,172\$577,172	Manadas Creek Hike and Bike Trail, Phase IV McPherson Rd to North Central Park Construct hike and bike trail Construction of a pedestrian trail at Chacon Creek in Laredo (Phase 3) 2017 \$335,305 \$377,172 1 0922-33-149 Chacon Creek Eastwoods Park to US 59 (Phase 3) 2017 \$1,786,746 \$2,009,846 2 Zacated Creek Hike and Zacated Creek Hike and Zacated Creek Hike and Manadas Creek Hike Zacate Creek Design and construction of hike and bike trail. 2017 \$1,280,000 \$1,416,278 2,7 3 Loop 20 At IH 35 Southbound 2018 \$44,200,000 \$51,707,748 9 E-03 and Bike Trail, Phase V H 35 to McPherson Rd FM 1472 to 0.1 m. E. of Beltway Construct hike and bike trail 2018 \$20,880,841 \$23,499,354 Local 0922-03-925 Hachar Parkway Parkway Construct hike and bike trail 2019 \$746,471 \$908,196 10 0922-00-951 VA Bike Trail, Phase V Parkway Construct hike and bike trail 2019 \$3,689,171 \$3,908,175 \$3,788,457 11 0922-00-951 VA Dis										\$139,913
9 E-02 and Bike Trail, Phase IV Park Construct hike and bike trail 2017 \$335,305 \$377,172 \$377,	9 E-02 and Bike Trail, Phase IV Park Construct hike and bike trail Construction of a pedestrian trail at Chacon Creek in Laredo (Phase) 2017 \$33,505 \$377,72 11 0922-33:10 Chacon Creek Eastwoods Park to US 59 Park Park Park Park Park Park Park Park	8	0922-33-154	McPherson Rd	At International Blvd	Install raised median	2017	\$347,446	\$390,830		\$84,732
11 0922-33-149 Chacon Creek Eastwoods Park to US 599 Construction of a pedestrian trail at Chacon Creek in Laredo 11 0922-33-149 Chacon Creek Eastwoods Park to US 599 Construction of a pedestrian trail at Chacon Creek in Laredo 2017 \$1,786,746 \$2,009,845 \$1,410,000 \$559,984 9 Bike Trail Zacate Creek Design and construction of Nike and bike trail 2017 \$1,250,000 \$51,707,748 \$9,276,602 \$42,431,14 9 E-03 and Bike Trail Sto McPherson Rd FM 1472 to 0.1 m. E. of Beltway Parkway Construct hike and bike trail 2018 \$544,200,000 \$51,707,748 \$9,276,602 \$42,431,14 9 E-03 and Bike Trail, Phase V H 35 to McPherson Rd FM 1472 to 0.1 m. E. of Beltway Parkway Construct hike and bike trail 2018 \$20,890,811 \$23,499,354 \$0 \$23,499,354 \$0 \$23,499,354 \$0 \$23,499,354 \$0 \$23,499,354 \$0 \$23,499,354 \$0 \$23,499,354 \$0 \$23,499,354 \$0 \$23,499,354 \$0 \$23,499,354 \$0 \$23,499,354 \$0 \$23,499,354 </td <td>110922-33:149Chacon CreekEastwoods Park to US 59Construction of a pedestrian trail at Chacon Creek in Laredo (Phae 3)201751,766,746\$2,009,84690922-33:170Bike TrailZacate Creek Hike and Construct ramps from IH 35 southbound to Loop 20 eastbound, and from IGo 20 westbound to IH 35 southbound2018\$44,200,000\$51,707,7482,73Loop 20At IH 35SouthboundConstruct ramps from IH 35 southbound to IGO 20 eastbound, and from IGO 20 westbound to IH 35 southbound2018\$44,200,000\$51,707,7482,73Loop 20At IH 35SouthboundConstruct hike and bike trail2018\$44,200,000\$51,707,7489E-03and Bike Trail, Phase VIH 35 to McPherson Rd FM 1472 to 0.1 m. E. of Beltway Data 20 (20,899,841\$23,499,354Construct on 5.07 miles of 5 lane rural roadway2018\$20,890,841\$23,499,3549E-04and Bike Trail, Phase VIIte attement plant DistrictwideConstruct hike and bike trail Upgrade bridge rail and MBGF2019\$746,471\$908,196100922-00-951VADistrictwideUpgrade bridge rail and MBGF2019\$3,089,178\$3,089,1787,104/0086-14-058Loop 20International Bivd to US 59Airport2020\$30,89,177\$3,089,178110922-00-953VADistrictwideUpgrade bridge rail and MBGF2021\$3,089,178\$4,065,147110922-00-950VADistrictwideUpgrade bridge rail and MBGF2021\$3,089,1</td> <td></td> <td></td> <td>Manadas Creek Hike</td> <td>McPherson Rd to North Central</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	110922-33:149Chacon CreekEastwoods Park to US 59Construction of a pedestrian trail at Chacon Creek in Laredo (Phae 3)201751,766,746\$2,009,84690922-33:170Bike TrailZacate Creek Hike and Construct ramps from IH 35 southbound to Loop 20 eastbound, and from IGo 20 westbound to IH 35 southbound2018\$44,200,000\$51,707,7482,73Loop 20At IH 35SouthboundConstruct ramps from IH 35 southbound to IGO 20 eastbound, and from IGO 20 westbound to IH 35 southbound2018\$44,200,000\$51,707,7482,73Loop 20At IH 35SouthboundConstruct hike and bike trail2018\$44,200,000\$51,707,7489E-03and Bike Trail, Phase VIH 35 to McPherson Rd FM 1472 to 0.1 m. E. of Beltway Data 20 (20,899,841\$23,499,354Construct on 5.07 miles of 5 lane rural roadway2018\$20,890,841\$23,499,3549E-04and Bike Trail, Phase VIIte attement plant DistrictwideConstruct hike and bike trail Upgrade bridge rail and MBGF2019\$746,471\$908,196100922-00-951VADistrictwideUpgrade bridge rail and MBGF2019\$3,089,178\$3,089,1787,104/0086-14-058Loop 20International Bivd to US 59Airport2020\$30,89,177\$3,089,178110922-00-953VADistrictwideUpgrade bridge rail and MBGF2021\$3,089,178\$4,065,147110922-00-950VADistrictwideUpgrade bridge rail and MBGF2021\$3,089,1			Manadas Creek Hike	McPherson Rd to North Central						
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11 0922-00-970 VA Districtwide Upgrade bridge rail and MBGF 2023 \$3,089,178 \$4,396,863 \$2,500,000 \$1,896,86 0.1 m. E. of Beltway Parkway to IH 0.1 m. E. of Beltway Parkway to IH 2023 \$3,089,178 \$4,396,863 \$2,500,000 \$1,896,86 Local 0922-33-950 Hachar Parkway 35 Construction of 3.55 miles of 5 lane rural roadway 2025 \$24,544,444 \$28,193,851 \$0 \$28,193,855 Construct ramp from Loop 20 Westbound to IH 35 Construct ramp from Loop 20 Westbound to IH 35 \$0 \$28,193,851 \$0 \$28,193,855	11 0922-00-970 VA Districtwide Upgrade bridge rail and MBGF 2023 \$3,089,178 \$4,396,863 0.1 m. E. of Beltway Parkway to IH 0.1 m. E. of Beltway Parkway to IH 0.1 m. E. of Beltway Parkway to IH 2025 \$24,544,444 \$28,193,851 Construction of 3.55 miles of 5 lane rural roadway 2025 \$24,544,444 \$28,193,851 7 X-06 IH 35 At Loop 20 Northbound 2037 \$35,520,000 \$87,546,696 Construct ramp from Loop 20 Eastbound to IH 35 Construct ramp from Loop 20 Eastbound to IH 35 2037 \$35,520,000 \$87,546,696	11	0922-00-955	VA		Upgrade bridge rail and MBGF	2021	\$3,089,178		\$2,500,000	\$1,565,147
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Local 0922-33-950 Hachar Parkway 35 Construction of 3.55 miles of 5 lane rural roadway 2025 \$24,544,444 \$28,193,851 \$0 \$28,193,855 Construct ramp from Loop 20 Westbound to IH 35 Construct ramp from Loop 20 Westbound t	Local 0922-33-950 Hachar Parkway 35 Construction of 3.55 miles of 5 lane rural roadway 2025 \$24,544,444 \$28,193,851 Construct ramp from Loop 20 Westbound to IH 35 Construct ramp from Loop 20 Westbound to IH 35 2037 \$35,520,000 \$87,546,696 Construct ramp from Loop 20 Eastbound to IH 35 Construct ramp from Loop 20 Eastbound to IH 35 \$2037 \$35,520,000 \$87,546,696	11	0922-00-970	VA		Upgrade bridge rail and MBGF	2023	\$3,089,178		\$2,500,000	\$1,896,863
	7 X-06 IH 35 At Loop 20 Northbound 2037 \$35,520,000 \$87,546,696 Construct ramp from Loop 20 Eastbound to IH 35 Construct ra	Local	0922-33-950	Hachar Parkway		Construction of 3.55 miles of 5 lane rural roadway	2025	\$24,544,444	\$28,193,851	\$0	\$28,193,851
	Construct ramp from Loop 20 Eastbound to IH 35	7	X-06	IH 35	At Loop 20		2037	\$35,520.000	\$87,546.696	\$7,454,863	\$80,091,833
Construct ramp from Loop 20 Eastbound to IH 35						Construct ramp from Loop 20 Eastbound to IH 35					
							2039			\$234,372,908	\$87,235,643 \$721,684,483

* 2016 dollars



Discussion with possible action on the 2015-2040 projects lists

Table 12-10: Roadway and Bicycle/Pedestrian Projects Summary

	BRUZE &	ind Bicycle/Pedestrian Pr				Project Cost		Projected Revenue	
Cot	CSJ No./ID	Roadway	Limits	Description	Letting Year	Total Project Cost (in 2014	Year of Expenditure	Federal Revenue	Other Revenue(RMA and Local
		A SAN SATIS				dollars)	Cost		Sources)
	0086-14-061		SH 359 to Spur 400	Widen existing bridge	2015	N/A	\$10,655,472	\$8,524,378	\$2,131,094
	0086-14-062		1.09 S. of Spur 400 to Spur 400	New Nonfreeway frontage road	2015	N/A	\$17,613,584	\$1,506,867	\$16,106,717
	0018-06-168		At US 59 intersection	Improve traffic signal on frontage road	2015	\$96,146	\$99,992	\$81,702	\$18,290
8	0038-01-076		Palo Blanco to SH 359	Improve traffic signals - interconnect signals	2015	\$124,873	\$129,868	\$109,625	\$20,243
8	0038-01-077	US 83	Cielito Lindo to Palo Blanco	Improve traffic signals – interconnect signals	2015	\$171,131	\$177,976	\$131,375	\$46,601
	0086-01-077	US 83	IH 35 to SH 359	Improve traffic signals - interconnect signals	2015	\$174,922	\$181,919	\$153,625	\$28,294
8	0542-01-079	US 59	IH 35 to Arkansas	Improve traffic signals - interconnect signals Improve traffic signal, interconnect signals, and install	2015	\$140,963	\$146,602	\$123,750	\$22,852
8	2150-04-057	FM 1472	At Loop 20	overhead guide signs	2015	\$90,700	\$94,328	\$77,074	\$17,254
8	2150-04-060	FM 1472 Alexander Hike and	Killam Industrial Blvd to Pellegrino	Install raised median	2015	\$149,669	\$155,656	\$128,438	\$27,218
9	9	Bike Trail	Zacate Dam to Del Mar Blvd 0.50 mi west of Milo interchange	Construct hike and bike trail	2015	\$986,078	\$1,025,521	\$1,025,521	\$0
10	0086-14-051	Loop 20 At the intersection of FM 1472 and Flecha	to 3000 feet east of Havana	Schematic, environmental, ROW-survey/mapping & PSE	2015	\$4,256,385	\$4,426,640	\$4,000,845	\$425,795
10	0922-33-076	Ln/Las Cruces Dr		Re-align intersection	2015	\$3,377,269	\$3,512,360	\$1,440,411	\$2,071,949
	0922-00-060		Districtwide Cielito-Lindo Blvd (NB) to Espejo	Upgrade bridge rail and MBGF	2015	\$3,059,036	\$3,181,397	\$2,500,000	\$681,397
12	0038-01-081	US 83	Molina Rd (NB)	Resurface of existing highway	2015	\$253,823	\$263,976	\$6,593,622	\$0
1,2M,			0.45 m. east of Internation Blvd.to						
	0086-14-066	Loop 20 Manadas Creek Hike	0.25 m. west of Mcpherson	Construction of interchange	2016	N/A	\$22,777,543	\$583,634	\$22,193,909
9	E-01		United High School to Loop 20	Construct hike and bike trail	2016	\$886,846	\$959,213	\$959,213	\$0
	0922-33-093		Santa Maria Ave	Construct overpass	2016	\$23,309,669	\$25,211,738	\$12,926,124	\$12,285,614
40			East of International Blvd to US		2010	62 000 224	64 10C 0C0	60 F00 000	troc are
10	0086-14-058		59/Loop 20 interchange	Schematic, environmental, ROW-survey/mapping & PSE	2016	\$3,880,224	\$4,196,850	\$3,500,000	\$696,850
11	0922-00-056	VA	Districtwide	Upgrade bridge rail and MBGF	2016	\$3,089,177	\$3,341,254	\$2,500,000	\$841,254
Local	0922-33-165	Hachar Parkway	FM 1472 to 0.1 m. E. of Beltway Parkway	Schematic, environmental for 5.07 miles of 5 lane rural roadway	2016	\$1,016,063	\$1,016,063	\$0	\$1,016,562
10 (CBI)	0922-33-166	Hachar Parkway	0.1 m. E. of Beltway Parkway to IH 35	Schematic, environmental, and preliminary engineering for a 5 lane rural roadway.	2016	\$300,000	\$300,000	\$300,000	\$60,000
Prop 1			Killam Industrial Blvd to 0.3 miles						
(Cat 2)	2150-04-067	FM 1472 (Mines Rd.)	north of Mueller Blvd.	Construct one additional northbound travel lane	2016	\$4,482,000	\$4,482,000	\$4,482,000	\$0
2, 7, 12	1/0086-14-065	5 Loop 20	At IH 35	Construct overpass and approach roadways	2017	\$32,509,223	\$36,568,455	\$22,652,967	\$13,915,488
8	0922-33-152	McPherson Rd	At Calton Rd	Install raised median	2017	\$231,362	\$260,251	\$203,829	\$56,422
8	0922-33-153	McPherson Rd	At Del Mar Blvd	Install raised median and add right turn lane	2017	\$573,721	\$645,358	\$505,445	\$139,913
8	0922-33-154	McPherson Rd	At International Blvd	Install raised median	2017	\$347,446	\$390,830	\$306,098	\$84,732
		Manadas Creek Hike	McPherson Rd to North Central						
9	E-02	and Bike Trail, Phase IV	Park	Construct hike and bike trail Construction of a pedestrian trail at Chacon Creek in Laredo	2017	\$335,305	\$377,172	\$377,172	\$0
11	0922-33-149	Chacon Creek	Eastwoods Park to US 59	(Phase 3) Construct ramps from IH 35 southbound to Loop 20	2017	\$1,786,746	\$2,009,846	\$1,410,000	\$599,846
2,7	3	Loop 20	At IH 35	eastbound, and from Loop 20 westbound to IH 35 southbound	2018	\$44,200,000	\$51,707,748	\$9,276,602	\$42,431,146
2, 1	3		A(11)55	southound	2010	\$44,200,000	\$51,707,740	\$5,270,002	<i>342,431,140</i>
9	E-03	Manadas Creek Hike and Bike Trail, Phase V		Construct hike and bike trail	2018	\$654,910	\$766,152	\$766,152	\$0
Local	0922-33-925	Hachar Parkway	FM 1472 to 0.1 m. E. of Beltway Parkway	Construction of 5.07 miles of 5 lane rural roadway	2018	\$20,890,841	\$23,499,354	\$0	\$23,499,354
		Manadas Creek Hike	Rio Grande River NW of water						
9	E-04	and Bike Trail, Phase VI	treatment plant	Construct hike and bike trail	2019	\$746,471	\$908,196	\$908,196	\$0
11	0922-00-951	VA	Districtwide	Upgrade bridge rail and MBGF Upgrade to interstate standards, including overpasses at Shiloh Dr, Del Mar Blvd, University Blvd, Jacaman Rd, and	2019	\$3,089,178	\$3,758,457	\$2,500,000	\$1,258,457
7, 10	4/0086-14-950	Loop 20	International Blvd to US 59	Airport	2020	\$391,400,000	\$495,245,864	\$116,608,517	\$378,637,347
.,	0922-00-953		Districtwide	Upgrade bridge rail and MBGF	2020	\$3,089,177	\$3,908,795	\$2,500,000	\$1,408,795
11	0922-00-955		Districtwide	Upgrade bridge rail and MBGF	2021	\$3,089,178	\$4,065,147	\$2,500,000	\$1,565,147
11 11			Districtwide	Upgrade bridge rail and MBGF	2022	\$3,089,178	\$4,227,753	\$2,500,000	\$1,727,753
11					2023	\$3,089,178	\$4,396,863	\$2,500,000	\$1,896,863
	0922-00-960 0922-00-970		Districtwide 0.1 m. F. of Beltway Parkway to IH	Upgrade bridge rail and MBGF	2025		4 1/22 0/000	\$2,500,000	\$1,850,803
11 11	0922-00-960 0922-00-970		Districtwide 0.1 m. E. of Beltway Parkway to IH 35	Construction of 3.55 miles of 5 lane rural roadway	2025	\$24,544,444	\$28,193,851	\$0	\$28,193,851
11 11 11	0922-00-960 0922-00-970	VA	0.1 m. E. of Beltway Parkway to IH			1997 B 200 B B			

Figure 12-1: Federally Funded Roadway and Bicycle and Pedestrian Projects

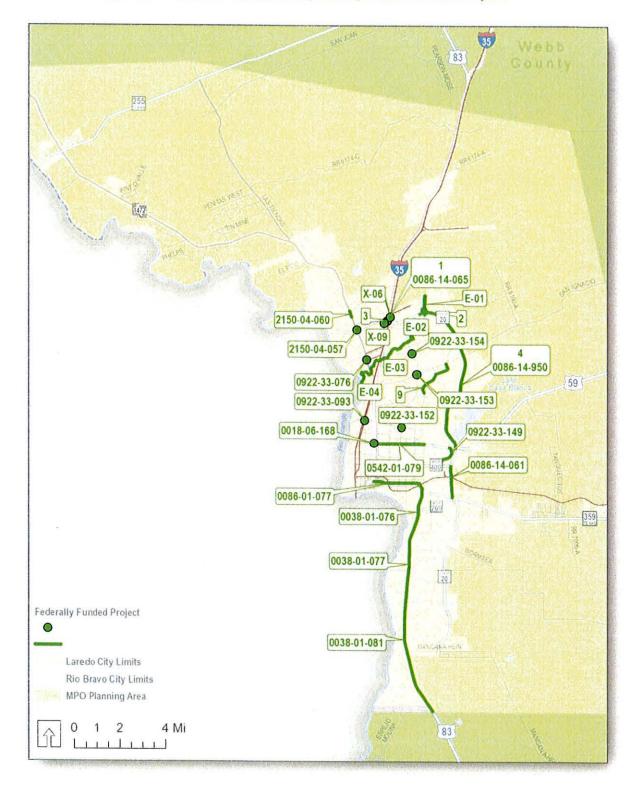


Table 12-11: Category 2 Roadway Projects

Loop 20 at IH 35: Construct overpass and approach roadways

Description: The project will provide main lanes and a grade separation for through traffic on Loop 20 to pass IH 35 without encountering controlled delays at the intersection. The operational efficiency of the through traffic on Loop 20 will be improved. Loop 20 is one of the designated truck routes in the Laredo MPO region, and the improved operational efficiency will benefit freight transportation. The project is same as Project 1 in Category 7 and Project 0086-14-065 in Category 12.

Letting Year: 2017 Total Project Cost (2014 Dollars): \$32,509,223 YOE Cost: \$36,568,455 Programmed Amount: Category 2: \$6,830,000 Category 7: \$6,822,967 Category 12: \$9,000,000 Other Amount: \$13,915,488 Funding: Federally funded Environmental Impacts and Environmental Justice: The project is close to 100-year flood plains, but it is not non-low income

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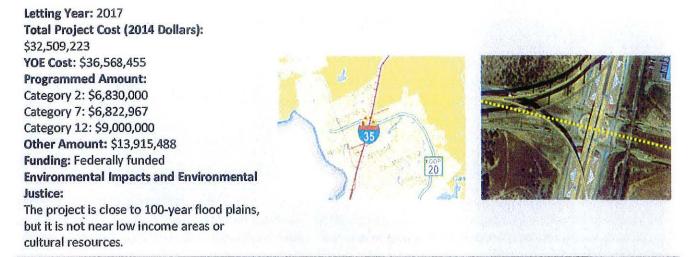
plains, but it is not near low income areas or cultural resources.





Loop 20 at IH 35: Construct overpass and approach roadways

Description: The project will provide main lanes and a grade separation for through traffic on Loop 20 to pass IH 35 without encountering controlled delays at the intersection. The operational efficiency of the through traffic on Loop 20 will be improved. Loop 20 is one of the designated truck routes in the Laredo MPO region, and the improved operational efficiency will benefit freight transportation. The project is same as Project 1 in Category 7 and Project 0086-14-065 in Category 12.



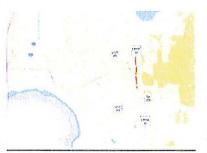
0086-14-062

Construct New Non-freeway Frontage Road

Description: The project will construct a new non-freeway frontage road from 1.09 miles south of Spur 400 to Spur 400. The segment according the latest Travel Demand Model currently operates at LOS F (volume over capacity), and the project would add capacity to mitigate congestion. Loop 20 provides connection between South Laredo with predominantly residential areas to the industrial areas in North Laredo. Also, Loop 20 is one of the designated truck routes in the Laredo MPO region, and the improved operational efficiency will benefit freight transportation.

Letting Year: 2015

Total Project Cost (2014 Dollars): \$18,689,516 YOE Cost: \$17,613,584 Programmed Amount: Category 1: \$1,883,584 Category 2M: \$5,352,000 Category 4: \$10,378,000 Other Amount: \$1,075,932 Funding: Federally funded Environmental Impacts and Environmental Justice: The project is close to 100-year flood plains, but it is not near low income areas or cultural resources.





0086-14-061 Loop 20 from Clark Blvd (Spur 400) to SH 359 <u>SH 359 to Spur 400</u>: Widen overpass from 4 lanes to 6 lanes

Description: The project will widen the overpass on Loop 20 from Clark Boulevard to SH 359 from the existing four lanes to six lanes. The segment according the latest Travel Demand Model currently operates at LOS F (volume over capacity), and the project would add capacity to mitigate congestion. Loop 20 provides connection between South Laredo with predominantly residential areas to the industrial areas in North Laredo. Also, Loop 20 is one of the designated truck routes in the Laredo MPO region, and the improved operational efficiency will benefit freight transportation. **Year:** 2015

Total Project Cost (2014 2015 Dollars): \$9,113,121-11,287,144YOE Cost: \$9,477,646-10,655,472Programmed Amount: \$8,905,357Cat 7 : \$7,500,000Cat 11: 3,155,472 Other Amount: \$572,289-631,672Funding: Federally funded Environmental Impacts and Environmental Justice: The project is close to 100-year flood

plains, but it is not near low income areas or cultural resources.





20086-14-066 Loop 20 at International Blvd: Construct overpass and approach roadways interchange facility over International Blvd.

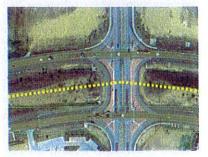
Description: The project will provide main lanes and a grade separation for through traffic on Loop 20 to pass International Boulevard without encountering an intersection; therefore the operational efficiency of the through traffic on Loop 20 will be improved. Loop 20 is one of the designated truck routes in the Laredo MPO region, and the improved operational efficiency will benefit freight transportation.

Letting Year: 2016

Total Project Cost (2014 2015 Dollars): \$15,127,165-26,665,669 YOE Cost: \$16,361,542-22,777,543 Programmed Amount: \$3,174,857 Cat 1: \$729,543* Cat 2M: \$758,000 Cat 11: \$21,290,000 Other Amount: \$13,186,685-3,888,126 Funding: Federally funded Environmental Impacts and Environmental Justice:

The project is close to 100-year flood plains, but it is not near low income areas or cultural resources.





Loop 20 at IH 35: Construct overpass and approach roadways

Description: The project will provide main lanes and a grade separation for through traffic on Loop 20 to pass IH 35 without encountering controlled delays at the intersection. The operational efficiency of the through traffic on Loop 20 will be improved. Loop 20 is one of the designated truck routes in the Laredo MPO region, and the improved operational efficiency will benefit freight transportation. The project is same as Project 1 in Category 2 and Project 0086-14-065 in Category 12.

Letting Year: 2017 Total Project Cost (2014 Dollars): \$32,509,223 YOE Cost: \$36,568,455 Programmed Amount: Category 2: \$6,830,000 Category 7: \$6,822,967 Category 12: \$9,000,000 Other Amount: \$13,915,488 Funding: Federally funded Environmental Impacts and Environmental Justice: The project is close to 100-year flood plains, but it is not near low income areas or cultural resources.

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3 Loop 20 at IH 35: Construct ramps from IH 35 southbound to Loop 20 eastbound, and from Loop 20 westbound to IH 35 southbound

Description: This project will provide direct connectors for traffic from IH 35 southbound to Loop 20 eastbound and Loop 20 westbound to IH 35 southbound. Traffic of these movements does not have to encounter control delays at the intersection; therefore the operational efficiency will be improved. Both IH 35 and Loop 20 are important truck routes in the Laredo MPO region, and the improved operational efficiency will benefit freight transportation.

Letting Year: 2018 Total Project Cost (2014 Dollars): \$44,200,000 YOE Cost: \$51,707,748 Programmed Amount: \$9,276,602 Other Amount: \$42,431,146 Funding: Federally funded Environmental Impacts and Environmental Justice: The project is close to 100-year flood plains, but it is not near low income areas or cultural resources.





4 Loop 20 from International Blvd to US 59: **Upgrade to interstate standards, including overpasses at** Shiloh Dr, Del Mar Blvd, University Blvd, Jacaman Rd, and Airport

Description: In 2006, the TxDOT – Laredo District, together with Webb County, the City of Laredo, and the Laredo MPO, started early planning and conceptual engineering studies to upgrade Loop 20. Around 2011, petitioners began comprehensive studies to develop plans to upgrade Loop 20 to interstate standards. The first phase of the upgrade plan included three interchanges, including at IH 35 interchange (a.k.a. the Milo Interchange), at McPherson Road and at International Boulevard. The segment of Loop 20 is proposed to be co-designated as US 59 as well as Interstate 69 in the future.

The project will upgrade the existing roadway to meet Interstate standards, such as controlled access and sufficient median width. Several overpasses are proposed at the intersections of Shiloh Drive, Del Mar Boulevard, University Boulevard, Jacaman Road, and Airport. Loop 20 is one of the major truck routes in the Laredo MPO region. The project will provide more mobility to mitigate the high volume of traffic, especially commercial traffic.

The project is same as Project 0086-14-950 in Category 10.

Letting Year: 2020 Total Project Cost (2014 Dollars): \$391,400,000 YOE Cost: \$495,245,864 Funding: Federally funded **Programmed Amount:** Category 7: \$73,240,848 Category 10: \$43,367,669 Other Amount: \$378,637,347 **Environmental Impacts and Environmental Justice:** The project passes through 100-year flood plains, and it is close to Lake Casa Blanca, and detention ponds. It is also near Laredo International Airport, parks/recreational facilities, and schools, but it is not near low income areas.





X-06 IH 35 at Loop 20: Construct ramp from Loop 20 Westbound to IH 35 Northbound

Description: This project will provide direct connectors for traffic from Loop 20 westbound to IH 35 northbound. Traffic of the movement does not have to encounter control delays at the intersection; therefore the operational efficiency will be improved. Both IH 35 and Loop 20 are important truck routes in the Laredo MPO region, and the improved operational efficiency will benefit freight transportation.

Letting Year: 2037 Total Project Cost (2014 Dollars): \$35,520,000 YOE Cost: \$87,546,696 Funding: Federally funded Programmed Amount: \$7,454,863 Other Amount: \$80,091,833 Funding: Federally funded Environmental Impacts and Environmental Justice: The project is close to 100-year flood plains, but it is not noar low.

flood plains, but it is not near low income areas or cultural resources.





X-09 IH 35 at Loop 20: Construct ramp from Loop 20 Eastbound to IH 35 Southbound

Description: This project will provide direct connectors for traffic from Loop 20 eastbound to IH 35 southbound. Traffic of the movement does not have to encounter control delays at the intersection; therefore the operational efficiency will be improved. Both IH 35 and Loop 20 are important truck routes in the Laredo MPO region, and the improved operational efficiency will benefit freight transportation.

Letting Year: 2039 Total Cost (2014 Dollars): \$35,520,000 YOE Cost: \$94,690,506 Funding: Federally funded Programmed Amount: \$7,454,863 Other Amount: \$87,235,643 Funding: Federally funded Environmental Impacts and Environmental Justice: The project is close to 100-year flood plains, but it is not near low income areas or cultural resources.





Table 12-13: Category 8 Roadway Projects

0018-06-168 IH 35 at US 59 intersection: Improve traffic signal on frontage road

Description: The project will improve the signal timing at the intersection of IH 35 frontage road and US 59 to make traffic flow more efficiently through this intersection. Often referred to as the NAFTA Superhighway, IH 35 travels northward from Laredo through several states to Minnesota, and it is one of the major freight routes in the U.S. and also one of the designated truck routes in Laredo.

Letting Year: 2015	1 00 V 00 V 20	
Total Project Cost (2014 Dollars):	A Standard	
\$96,146	M Hussele (
YOE Cost: \$99,992		
Programmed Amount: \$81,702	SPUR ADD	
Other Amount: \$18,290	End	
CSJ Number: 0018-06-168	SPUR	26 26 4 55 2-14
Funding: Federally funded	1 (200)	

0038-01-076 US 83 from Palo Blanco to SH 359: Improve traffic signals - interconnect signals

Description: The project will improve the signal timings at intersections on US 83 between Palo Blanco Street and SH 359 to make traffic flow more efficiently through these intersections. US 83 south of SH 359 is an important north-south corridor connecting to South Laredo. US 83 is also one of the designated truck routes in Laredo; therefore, improving the operational efficiency of the segment would also benefit freight transportation.



0038-01-077 US 83 from Cielito Lindo to Palo Blanco: Improve traffic signals - interconnect signals

Description: The project will improve the signal timings at intersections on US 83 between Cielito Lindo Boulevard and Palo Blanco Street to make traffic flow more efficiently through these intersections. US 83 south of SH 359 is an important north-south corridor connecting to South Laredo. US 83 is also one of the designated truck routes in Laredo; therefore, improving the operational efficiency of the segment would also benefit freight transportation.

Letting Year: 2015 Total Project Cost (2014 Dollars): \$171,131 YOE Cost: \$177,976 Programmed Amount: \$131,375 Other Amount: \$46,601 CSJ Number: 0038-01-077 Funding: Federally funded



0086-01-077 US 83 from IH 35 to SH 359: Improve traffic signals - interconnect signals

Description: The project will improve the signal timings at intersections on US 83 between IH 35 and SH 359 to make traffic flow more efficiently through these intersections. The segment of US 83 is Guadalupe Street on the westbound side and Chihuahua on the eastbound side. US 83 is also one of the designated truck routes in Laredo; therefore, improving the operational efficiency of the segment would also benefit freight transportation.

Letting Year: 2015 Total Project Cost (2014 Dollars): \$174,922 YOE Cost: \$181,919 Programmed Amount: \$153,625 Other Amount: \$28,294 CSJ Number: 0086-01-077 Funding: Federally funded



0542-01-079 US 59 from IH 35 to Arkansas: Improve traffic signals - interconnect signals

Description: The project will improve the signal timings at intersections on US 59 between IH 35 and Arkansas Avenue to make traffic flow more efficiently through these intersections. The segment of US 59 (Saunders Street) is an important east-west corridor in the city. Based on the latest Laredo Travel Demand Model, some portions of the segment operate at LOS F (volume higher than capacity). US 59 is also one of the designated truck routes in Laredo; therefore, improving the operational efficiency of the segment would also benefit freight transportation.

Letting Year: 2015 Total Project Cost (2014 Dollars): \$140,963 YOE Cost: \$146,602 Programmed Amount: \$123,750 Other Amount: \$22,852 CSJ Number: 0542-01-079 Funding: Federally funded



2150-04-057 FM 1472 at Loop 20: Improve traffic signal, interconnect signals, and install overhead guide signs

Description: The project will improve the signal timings at the intersection of FM 1472 and Loop 20 to make traffic flow more efficiently through the intersection. FM 1472 and Loop 20 are both designated truck routes in Laredo; therefore, improving the operational efficiency of the intersection would also benefit freight transportation.

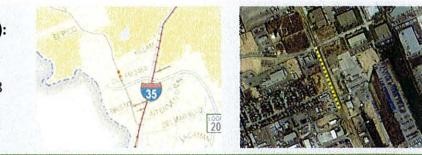
Letting Year: 2015 Total Project Cost (2014 Dollars): \$90,700 YOE Cost: \$94,328 Programmed Amount: \$77,074 Other Amount: \$17,254 CSJ Number: 2150-04-057 Funding: Federally funded



2150-04-060 FM 1472 from Killam Industrial Blvd to Pellegrino: Install raised median

Description: The project will install raised median to the segment on FM 1472 from Killam Industrial Boulevard to Pellegrino Court. Raised medians would minimize conflict points caused by turning vehicles into the driveways and improve operational safety. FM 1472 is also one of the designated truck routes in Laredo; therefore, improving the operational safety of the segment would also benefit freight transportation.

Letting Year: 2015 Total Project Cost (2014 Dollars): \$149,669 Total Cost: \$155,656 Programmed Amount: \$128,438 Other Amount: \$27,218 CSJ Number: 2150-04-060 Funding: Federally funded



0922-33-152 McPherson at Calton Rd: Install raised median

Description: The project will install raised median to the intersection of McPherson Road at Calton Road. Currently the intersection is one of the Top 20 high crash intersections based on TxDOT's crash data from 2010 to 2012. It would improve operational safety of the intersection by making the trajectories of left turn vehicles more predictable and minimizing conflict points caused by turning vehicles into driveways.

Letting Year: 2017 Total Project Cost (2014 Dollars): \$231,362 YOE Cost: \$260,251 Programmed Amount: \$203,829 Other Amount: \$56,422 CSJ Number: 0922-33-152 Funding: Federally funded





0922-33-153 McPherson Rd at Del Mar Blvd: Install raised median and add right turn lane

Description: The project will install raised median to the intersection of McPherson Road at Del Mar Boulevard. Currently the intersection is the one with the highest crash number based on TxDOT's crash data from 2010 to 2012. It would improve operational safety of the intersection by making the trajectories of left turn vehicles more predictable and minimizing confilt points caused by turning vehicles into driveways.

Letting Year: 2017 Total Project Cost (2014 Dollars): \$573,721 YOE Cost: \$645,358 Programmed Amount: \$505,445 Other Amount: \$139,913 CSJ Number: 0922-33-153 Funding: Federally funded



0922-33-154 McPherson at International Blvd: Install raised median

Description: The project will install raised median to the intersection of McPherson Road at International Boulevard. It would improve operational safety of the intersection by making the trajectories of left turn vehicles more predictable and minimizing conflict points caused by turning vehicles into driveways.

Letting Year: 2017 Total Project Cost (2014 Dollars): \$347,446 YOE Cost: \$390,830 Programmed Amount: \$306,098 Other Amount: \$84,732 CSJ Number: 0922-33-154 Funding: Federally funded

Table 12-14: Category 9 Roadway Projects

9 Alexander Hike and Bike Trail: Construct hike and bike trail from Zacate Dam to Del Mar Blvd

Description: The project will construct a hike and bike trail along a segment of Zacate Creek in the proposed Alexander subdivision. The project is included in the Alexander subdivision master plan which has residential and commercial areas development. Once completed, the trail would allow pedestrians and cyclists to travel along Zacate Creek from Bartlett Avenue near the intersection of Bartlett Avenue and Jacaman Road to Del Mar Boulevard.

Letting Year: 2015 Total Project Cost (2014 Dollars): \$986,078 YOE Cost: \$1,025,521 Programmed Amount: \$1,025,521 Other Amount: \$0 Funding: Federally Funded



E-01 Manadas Creek Hike and Bike Trail, Phase III: Construct hike and bike trail from United High School to Loop 20

Description: The Manadas Hike and Bike Trail will provide pedestrian and bicyclist pathways along Manadas Creek. It promotes non-motorized travel and provides green space preservation, habitat conservation, and recreational space in north Laredo. When fully built, the entire 15 miles of the trail will connect Rio Grande River northwest of the water treatment plant along Zacate Creek to United High School. Currently, the completed segments are located at North Central Park and San Isidro Park. The Phase III project is from United High School to Loop 20.

Letting Year: 2016 Total Project Cost (2014 Dollars): \$886,846 YOE Cost: \$959,213 Programmed Amount: \$959,213 Other Amount: \$0 Funding: Federally funded



E-02 Manadas Creek Hike and Bike Trail, Phase IV: Construct hike and bike trail from McPherson Rd to North Central Park

Description: The Manadas Hike and Bike Trail will provide pedestrian and bicyclist pathways along Manadas Creek. It promotes non-motorized travel and provides green space preservation, habitat conservation, and recreational space in north Laredo. When fully built, the entire 15 miles of the trail will connect Rio Grande River northwest of the water treatment plant along Zacate Creek to United High School. Currently, the completed segments are located at North Central Park and San Isidro Park. The Phase IV project is from McPherson Rd to North Central Park.



E-03 Manadas Creek Hike and Bike Trail, Phase V: Construct hike and bike trail from IH 35 to McPherson Rd

Description: The Manadas Hike and Bike Trail will provide pedestrian and bicyclist pathways along Manadas Creek. It promotes non-motorized travel and provides green space preservation, habitat conservation, and recreational space in north Laredo. When fully built, the entire 15 miles of the trail will connect Rio Grande River northwest of the water treatment plant along Zacate Creek to United High School. Currently, the completed segments are located at North Central Park and San Isidro Park. The Phase V project is from IH 35 to McPherson Rd.

Letting Year: 2018 Total Project Cost (2014 Dollars): \$654,910 YOE Cost: \$766,152 Programmed Amount: \$766,152 Other Amount: \$0 Funding: Federally funded

E-04 Manadas Creek Hike and Bike Trail, Phase VI: **Construct hike and bike trail from Rio Grande River NW of water treatment plant to IH 35**

Description: The Manadas Hike and Bike Trail will provide pedestrian and bicyclist pathways along Manadas Creek. It promotes non-motorized travel and provides green space preservation, habitat conservation, and recreational space in north Laredo. When fully built, the entire 15 miles of the trail will connect Rio Grande River northwest of the water treatment plant along Zacate Creek to United High School. Currently, the completed segments are located at North Central Park and San Isidro Park. The Phase VI project is from Rio Grande River northwest of the water treatment plant to IH 35.

Letting Year: 2019 Total Cost: \$746,471 YOE Cost: \$908,196 Programmed Amount: \$908,196 Other Amount: \$0 Funding: Federally funded

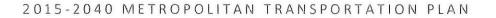


Table 12-15: Category 10 Roadway Projects

0086-14-051Loop 20 from 0.50 mi west of Milo interchange to 3000 feet east of Havana:
Schematic, environmental, ROW-survey/mapping & PSE

Description: This is a preliminary schematic, environmental, ROW-survey/mapping & Plans Specifications & Estimates (PS&E) project of the roadway segment.



0922-33-076 At the intersection of FM 1472 and Flecha Ln/Las Cruces Dr: Re-align intersection

Description: The project will realign the intersection of FM 1472 at two roadways Flecha Lane and Las Cruces Drive. Currently the distance between these two roadways is about 400 feet. The realignment will make traffic flow between Flecha Lane and Las Cruces Drive through FM 1472 more efficiently.

Letting Year: 2015 Total Project Cost (2014 Dollars): \$3,377,269 YOE Cost: \$3,512,360 Programmed Amount: \$1,440,411 Other Amount: \$2,071,949 CSJ Number: 0922-33-076 Funding: Federally funded Environmental Impacts and Environmental Justice: The project is close to 100-year flood plains, but it is not near low income areas or cultural resources.





0922-33-093 Calton Road at Santa Maria Avenue: Construct overpass

Description: The project will construct an overpass on Calton Road over Santa Maria Avenue. The operational efficiency of the through traffic on Calton Road will be improved for the overpass allows through traffic on Calton Road to pass Santa Maria Avenue without encountering control delays at the intersection.

Letting Year: 2016 Total Project Cost (2014 Dollars): \$23,309,669 YOE Cost: \$25,211,738 Programmed Amount: \$12,926,124 Other Amount: \$12,285,614 CSJ Number: 0922-33-093 Funding: Federally funded Environmental Impacts and Environmental Justice: The project is not near 100-year flood plains, low income areas or

cultural resources.





0086-14-058 Loop 20 from east of International Blvd to US 59/Loop 20 interchange: Schematic, environmental, ROW-survey/mapping & PSE

Description: This is a preliminary schematic, environmental, ROW-survey/mapping & Plans Specifications & Estimates (PS&E) project of the roadway segment. It has the same limits as Project 1 in Category 7 and Project 0086-14-950 in Category 10.



0086-14-950 Loop 20 from east of International Blvd to US 59/Loop 20 interchange: Upgrade existing highway to freeway standards

Description: The project will upgrade the existing roadway to meet limited-access freeway standards. The project will include several interchanges along the corridor. The segment of Loop 20 is proposed to be co-designated as US 59 as well as Interstate 69 in the future. Loop 20 is one of the major truck routes in the Laredo MPO region. The project will provide more mobility to mitigate the high volume of traffic, especially commercial traffic. The project is same as Project 4 in Category 7.

Letting Year: 2020 Total Cost (2014 Dollars): \$391,400,000 YOE Cost: \$495,245,864 **Programmed Amount:** Category 7: \$73,240,848 Category 10: \$43,367,669 Other Amount: \$378,637,347 CSJ Number: 0086-14-950 Funding: Federally funded **Environmental Impacts and Environmental Justice:** The project passes through 100year flood plains, and it is close to Lake Casa Blanca, and detention ponds. It is also near Laredo International Airport, parks/recreational facilities, and schools.





	Table 12-16: Category 11 Roadway Projects								
Letting Year	CSJ No./ID	Limits	Description	Total Project Cost (2014 Dollars)	YOE Cost	Programmed Amount	Other Amount		
2015	0922- 00-060	Districtwide	Upgrade bridge rail and MBGF	\$3,059,036	\$3,181,397	\$2,500,000	\$681,397		
2016	0922- 00-056	Districtwide	Upgrade bridge rail and MBGF	\$3,089,177	\$3,341,254	\$2,500,000	\$841,254		
2019	0922- 00-951	Districtwide	Upgrade bridge rail and MBGF	\$3,089,178	\$3,758,457	\$2,500,000	\$1,258,457		
2020	0922- 00-953	Districtwide	Upgrade bridge rail and MBGF	\$3,089,177	\$3,908,795	\$2,500,000	\$1,408,795		
2021	0922- 00-955	Districtwide	Upgrade bridge rail and MBGF	\$3,089,178	\$4,065,147	\$2,500,000	\$1,565,147		
2022	0922- 00-960	Districtwide	Upgrade bridge rail and MBGF	\$3,089,178	\$4,227,753	\$2,500,000	\$1,727,753		
2023	0922- 00-970	Districtwide	Upgrade bridge rail and MBGF	\$3,089,178	\$4,396,863	\$2,500,000	\$1,896,863		

0922-33-149 Chacon Creek from Eastwoods Park to US 59: Construction of a pedestrian trail at Chacon Creek in Laredo (Phase 3)

Description: The project will construct the Phase 3 of the Chacon Creek Hike and Bike Trail from Eastwoods Park to US 59. The existing completed segment of Chacon Creek Hike and Bike Trail runs from Rio Grande River to SH 359, and the segment from Haynes Recreational Center to SH 359 (Phase 2) is currently under construction.

Letting Year: 2017 Total Project Cost (2014 Dollars): \$1,786,746 YOE Cost: \$2,009,846 Programmed Amount: \$1,410,000 Other Amount: \$599,846 CSJ Number: 0922-33-149 Funding: Federally funded

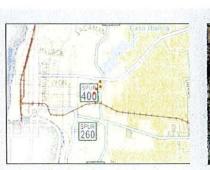
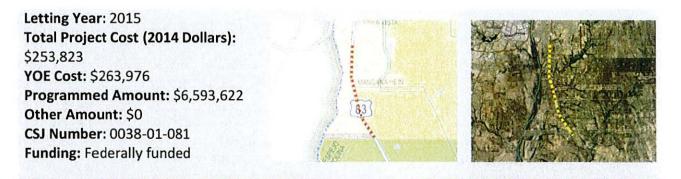




Table 12-17: Category 12 Roadway Projects

0038-01-081 US 83 from Cielito-Lindo Blvd (NB) to Espejo Molina Rd (NB): Resurface of existing highway

Description: The project will resurface the existing roadway on US 83 from Cielito Lindo Blvd (NB) to Espejo Molina Road (NB).



0086-14-065 Loop 20 from 0.330 miles west of IH 35 to 0.160 miles west of McPherson: Construction of an interchange facility over IH 35

Description: The project will provide main lanes and a grade separation for through traffic on Loop 20 to pass IH 35 without encountering controlled delays at the intersection. The operational efficiency of the through traffic on Loop 20 will be improved. Loop 20 is one of the designated truck routes in the Laredo MPO region, and the improved operational efficiency will benefit freight transportation. The project is same as Project 1 in Category 2 and Category 7.

Letting Year: 2017 Total Project Cost (2014 Dollars): \$32,509,223 YOE Cost: \$36,568,455 Programmed Amount: Category 2: \$6,830,000 Category 7: \$6,822,967 Category 12: \$9,000,000 Other Amount: \$13,915,488 CSJ Number: 0086-14-065 Funding: Federally funded Environmental Justice: The project is close to 100-year flood plains, but it is not near low income areas or cultural resources.





Roadway Projects - LOCALLY PUNDED

CSJ 0922-33-925 (Hachar Parkway) FM 1472 to 0.1Mi East of Beltway Pkwy: 5 lane rural roadway Engineering

Description: The project will provide the preliminary engineering (schematic and environmental) for a 5 lane rural roadway, from FM 1472 to 0.1 miles east of Beltway Parkway, 5.07 miles in length. The roadway is intended to be extended toward the east until it intersect with IH 35 and will thus ultimately provide an alternate east west connection between Mines Road and IH 35.

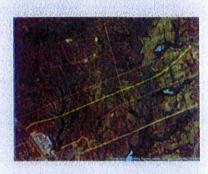
Year: 2016 Total Project Cost (2015 Dollars): \$--1,016,063 YOE Cost: \$-1,056,705-Programmed Amount: Local Funds \$-1,016,063-Other Amount: \$-0 Funding: -Local-Environmental Impacts and Environmental Justice- The project passes through 100-year flood plains, but it is not near low income areas or cultural resources



CSI 0922-33-925 (Hachar Parkway) FM 1472 to 0.1Mi East of Beltway Pkwy: 5 lane rural roadway Construction

Description: The project will provide for the construction of a 5 lane rural roadway, from FM 1472 to 0.1 miles east of Beltway Parkway, 5.07 miles in length. The roadway is intended to be extended toward the east until it intersect with IH 35 and will thus ultimately provide an alternate east west connection between Mines Road and IH 35.

Letting Year: 2018 Total Project Cost:\$20,890,841 YOE Cost:\$--23,499,354 Programmed Amount:\$-20,890,840 Other Amount:\$--2,608,513 Funding:--SIB Loan/local funds Environmental Impacts and Environmental Justice- The project passes through 100-year flood plains, but it is not near low income areas or cultural resources



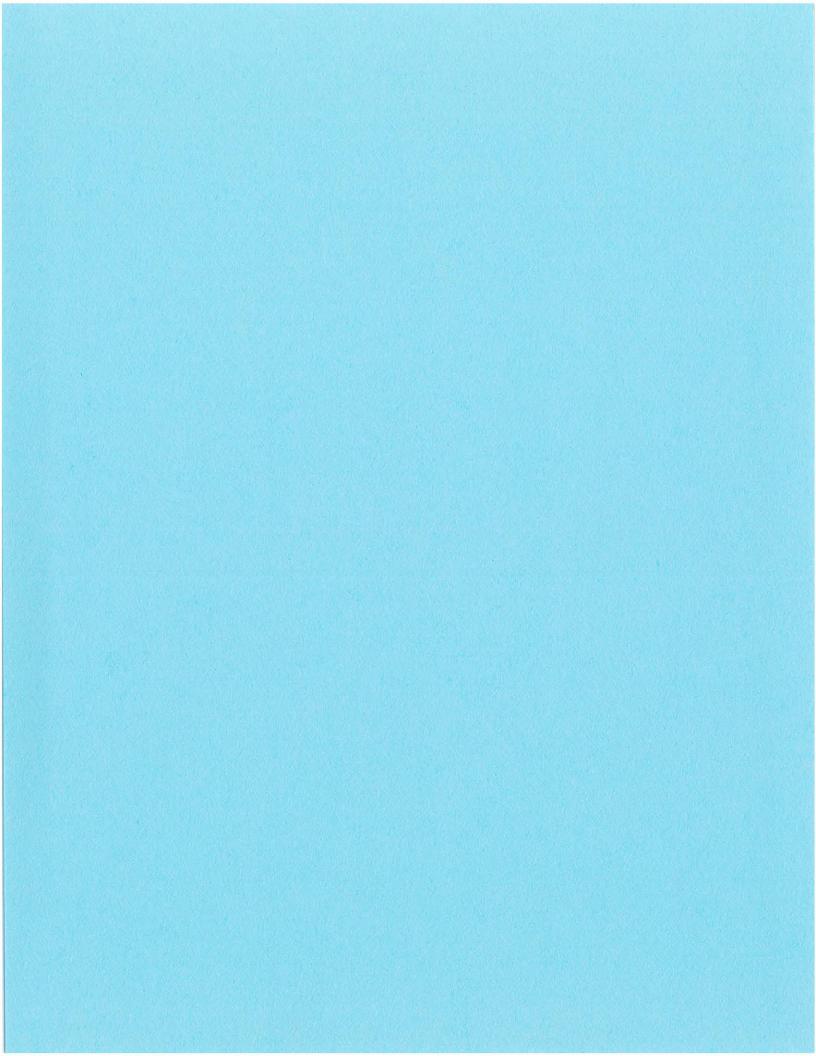
CSJ 0922-33- (Hachar Parkway) From 0.1 Mi E of Beltway Pkwy to IH 35: 5 lane rural roadway Engineering and 9508 Construction

Description: The project will provide for the engineering and construction of a 3.55 mile, 5 lane rural roadway, from 0.1 miles east of Beltway Parkway to IH-35. The road is intended as the extension of Hachar Parkway and will provide an alternate east west connection between FM 1472 and IH 35.

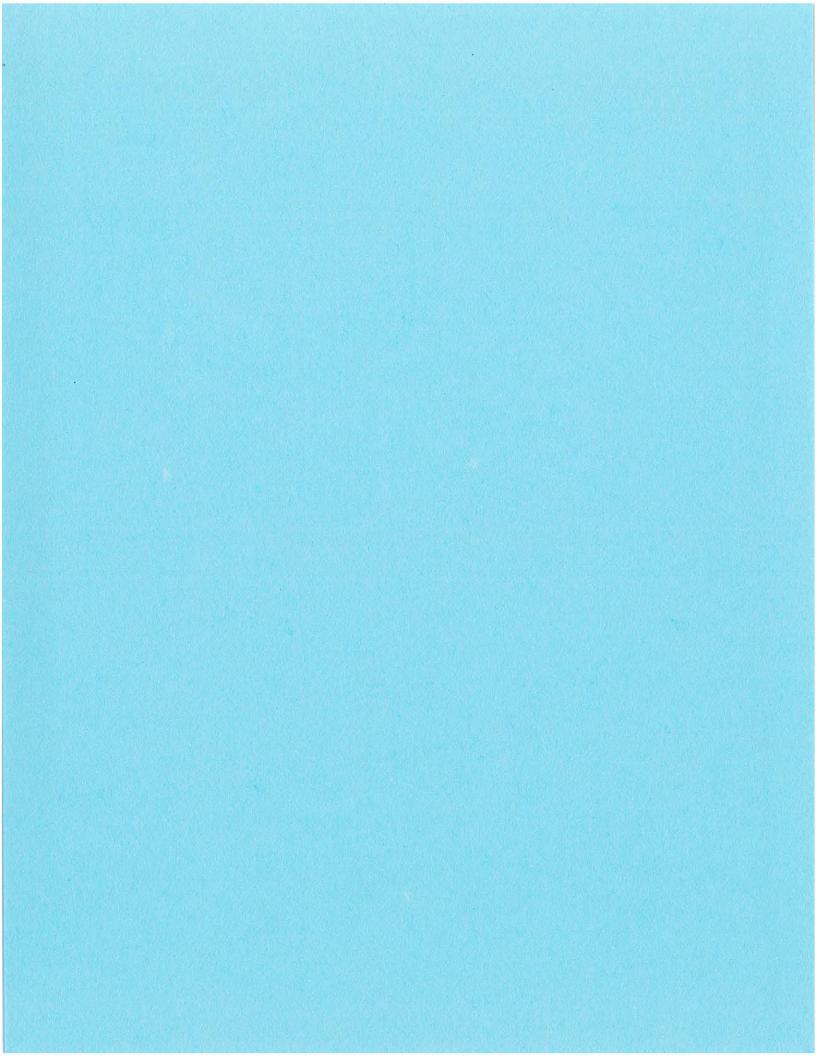
Letting: FY 2025

Total Cost: \$24,544,444 YOE Cost: \$-28,193,851 Programmed Amount: \$- 28,193,851 Other Amount: \$--0 Funding:--Local funds Environmental Impacts and Environmental Justice-The project passes through 100-year flood plains .

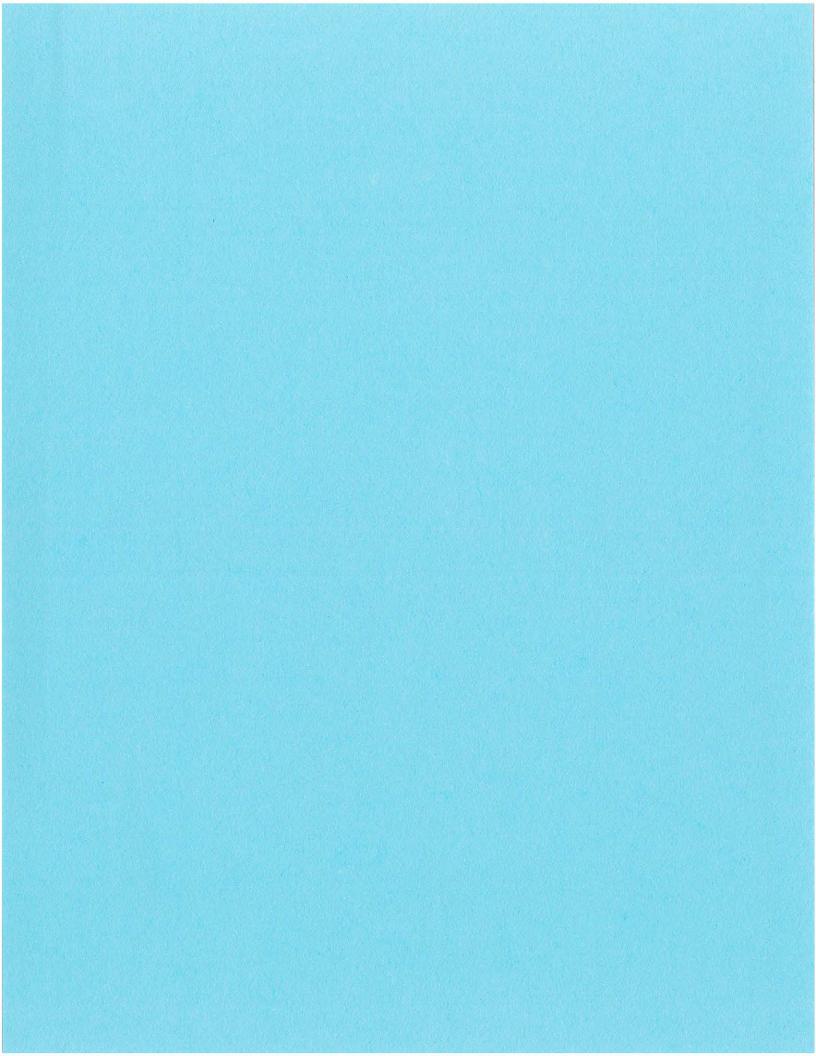




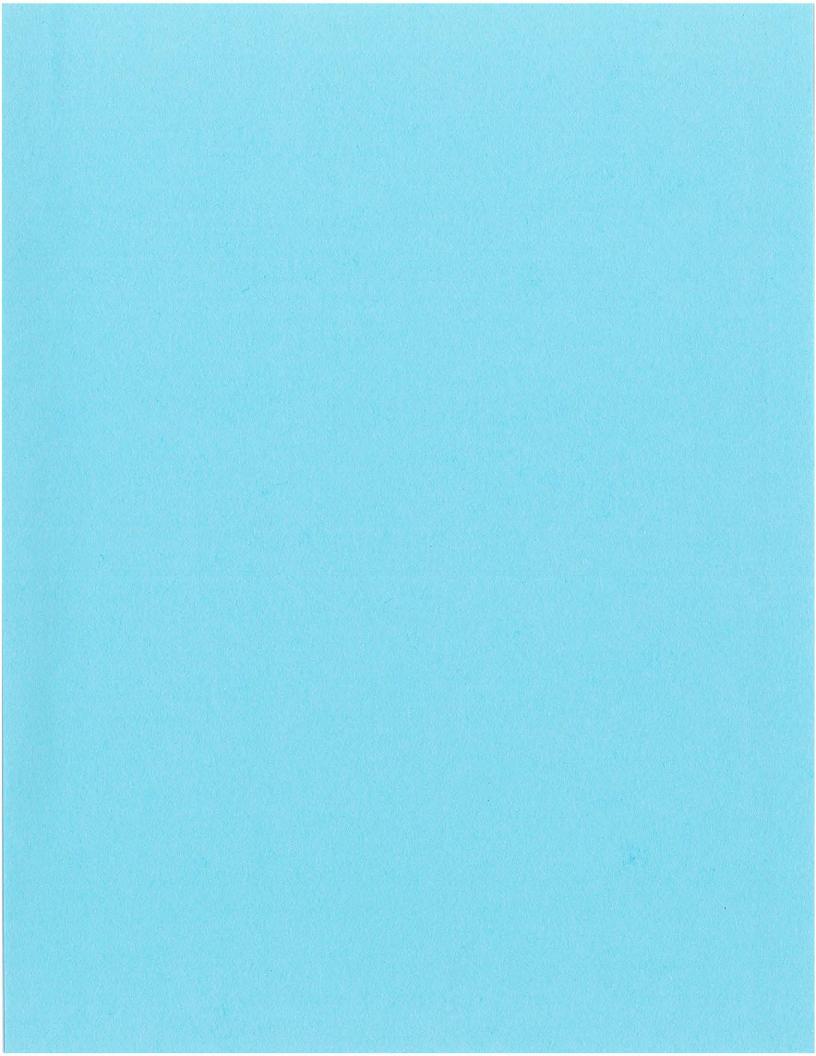
Discussion with possible action on developing a mobility priority list and financing plan



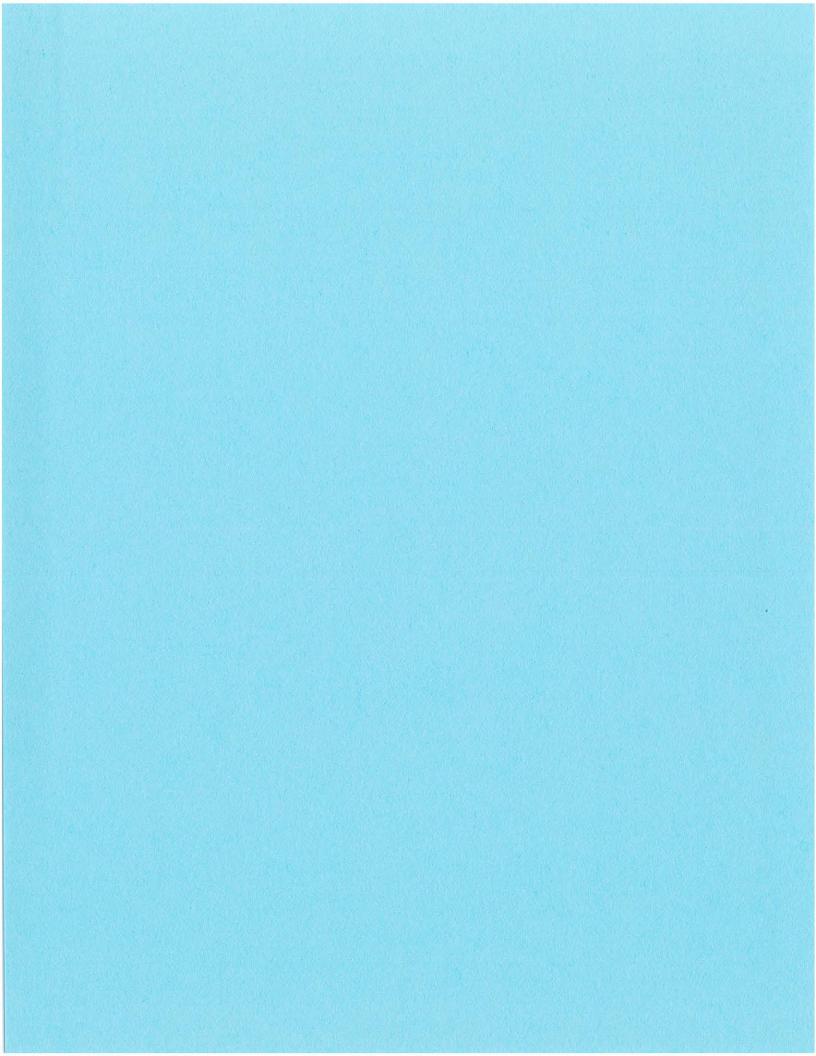
Discussion with possible action on Hachar Road



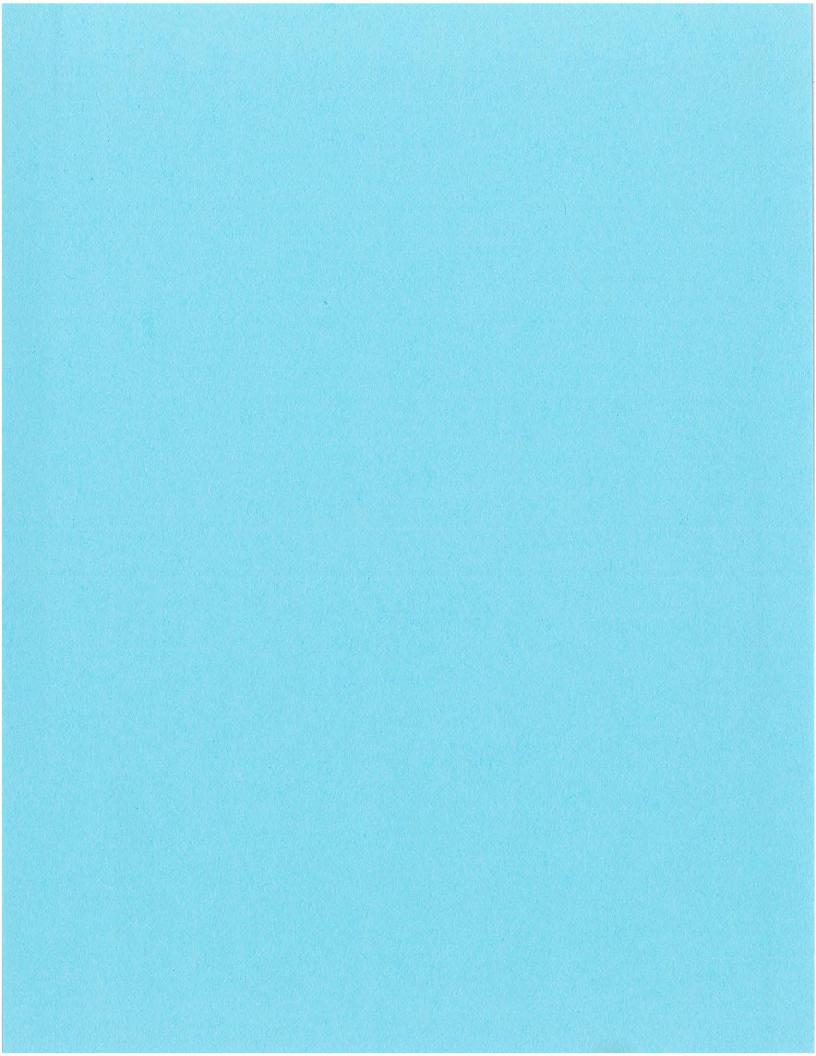
Report by City Manager, Jesus Olivares



Discussion with possible action on Mines Road



Status report by TxDOT on the Traffic Synchronization Project



Status report on the Regional Mobility Authority (RMA)