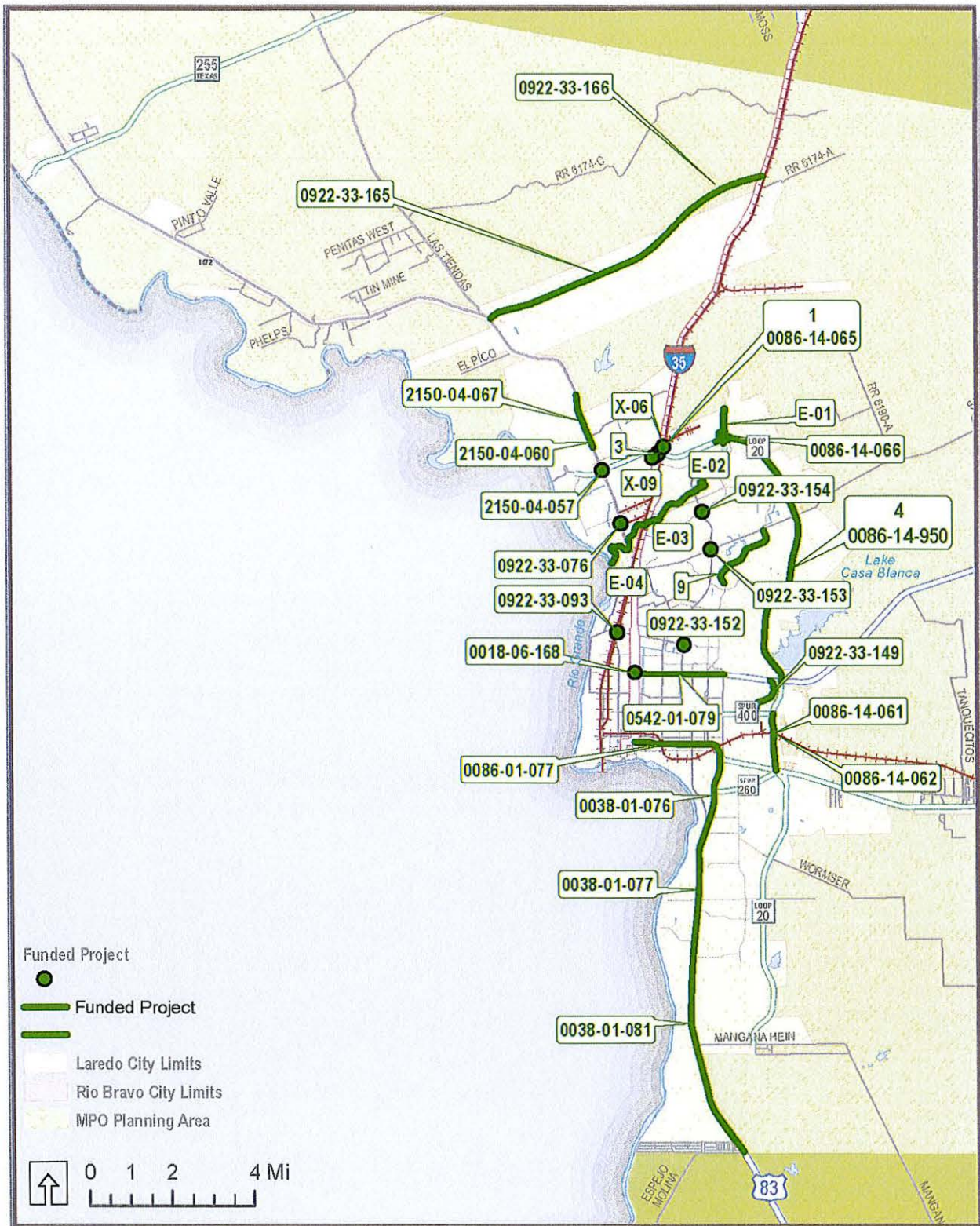


**LAREDO URBAN TRANSPORTATION STUDY  
ACTION ITEM**

|  |  |
|--|--|
| <b>DATE:</b><br><br>3-21-16  | <b>SUBJECT: A RESOLUTION</b><br>Receive public testimony and approved Resolution No. MPO 2016 -03 adopting the proposed revision(s) of the 2015-2040 Laredo Metropolitan Transportation Plan (MTP): <ol style="list-style-type: none"> <li>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 fund Roadway, Bicycle and Pedestrian Projects, by:             <ol style="list-style-type: none"> <li>a. <b>Adding</b> 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.</li> <li>b. <b>Adding</b> 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.</li> </ol> </li> <li>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.</li> </ol> |
| MTP15-40/REV 03  |  |
| <b>INITIATED BY:</b><br>Staff  | <b>STAFF SOURCE:</b><br>Nathan Bratton, MPO Director   |
| <b>PREVIOUS ACTION:</b><br><p>On December 15, 2014, the Policy Committee adopted the 2015-2040 Metropolitan Transportation Plan (MTP). The Policy Committee approved revision #1 of the MTP on April 20, 2015. On October 19<sup>th</sup>, 2015 the Policy Committee approved Resolution No. MPO 2015-11 adopting Revision 2. On February 16, 2016, the Policy Committee approved the initiation of a 10 day public review and comment period for proposed revision 03.</p> <p>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.</p>   |  |
| <b>BACKGROUND:</b> The Laredo Metropolitan Transportation Plan is an official, comprehensive, intermodal transportation plan developed and adopted for the metropolitan planning area. The MTP identifies the existing and future transportation needs and develops coordinated strategies to provide the necessary transportation facilities essential for the continued mobility and economic vitality of Laredo. These coordinated transportation strategies include roadway development and operations, truck and rail freight movement, transit operations, bikeways and pedestrian facilities. The development of the MTP is required under the Transportation Equity Act for the 21st Century (TEA-21), and the Safe, Accountable, Flexible, and Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) of 2005, and Moving Ahead for Progress in the 21 <sup>st</sup> Century (Map 21) to assure the continuation of federal transportation funds. The plan must address, at a minimum, a continuous twenty-year planning horizon. |  |
| <p>As of December 11, 2007, SAFETEA-LU required that all revisions to the Transportation Improvement Program (TIP) shall also be reflected in the Metropolitan Transportation Plan (MTP). That is a continued requirement under MAP21.</p>   |  |
| <b>COMMITTEE RECOMMENDATION:</b><br>Approval.  | <b>STAFF RECOMMENDATION:</b><br>Approval.  |



Figure 12-1: Roadway and Bicycle and Pedestrian Projects



**Description:** Development of Schematic, environmental document, and preliminary engineering for 5 five lane rural roadway from 0.1 miles east of Beltway Parkway to IH 35 West Frontage Road.

**Letting Year:** 2016

**Total Project Cost (2016 Dollars):** \$300,000

**YOE Cost:** \$300,000

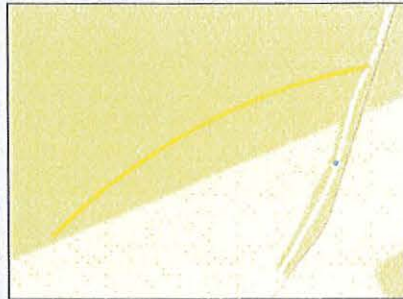
**Programmed Amount:**

Category 10: \$300,000

**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 cultural resources.





**2150-04-067 FM 1472 (Mines Road): Design and construct additional travel lane (Northbound)**

**Description:** The project will provide for the design and construction of one additional travel lane (northbound) 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

**YOE Cost:** \$4,482,000

**Programmed Amount:**

Prop 1 : Category 2: \$4,482,000

**Other Amount:** None

**Funding:** Federally funded

**Environmental Impacts and Environmental Justice:**



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

| Cat             | CSJ No./ID    | Roadway  | Limits  | Description  | Letting Year | Project Cost                         |                          | Projected Revenue |                                       |
|-----------------|---------------|--|---|--|--------------|--------------------------------------|--------------------------|-------------------|---------------------------------------|
|                 |               |  |   |  |              | Total Project Cost (in 2014 dollars) | Year of Expenditure Cost | Federal Revenue   | Other Revenue (RMA and Local Sources) |
| 7, 11           | 0086-14-061   | Loop 20  | SH 359 to Spur 400  | Widen existing bridge  | 2015         | N/A                                  | \$10,655,472             | \$8,524,378       | \$2,131,094                           |
| 1, 2, 4         | 0086-14-062   | Loop 20  | 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                          |
| 8               | 0018-06-168   | IH 35  | At US 59 intersection   | Improve traffic signal on frontage road  | 2015         | \$96,146                             | \$99,992                 | \$81,702          | \$18,290                              |
| 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               | 0038-01-077   | US 83  | Cielito Lindo to Palo Blanco                                  | Improve traffic signals - interconnect signals   | 2015         | \$171,131                            | \$177,976                | \$131,375         | \$46,601                              |
| 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               | 0542-01-079   | US 59  | IH 35 to Arkansas   | Improve traffic signals - interconnect signals   | 2015         | \$140,963                            | \$146,602                | \$123,750         | \$22,852                              |
| 8               | 2150-04-057   | FM 1472  | At Loop 20  | Improve traffic signal, interconnect signals, and install overhead guide signs   | 2015         | \$90,700                             | \$94,328                 | \$77,074          | \$17,254                              |
| 8               | 2150-04-060   | FM 1472  | Killam Industrial Blvd to Pellegrino                          | Install raised median  | 2015         | \$149,669                            | \$155,656                | \$128,438         | \$27,218                              |
| 9               | 9             | Alexander Hike and Bike Trail                              | Zacate Dam to Del Mar Blvd                                    | Construct hike and bike trail  | 2015         | \$986,078                            | \$1,025,521              | \$1,025,521       | \$0                                   |
| 10              | 0086-14-051   | Loop 20  | 0.50 mi west of Milo interchange 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   | At the intersection of FM 1472 and Flecha Ln/Las Cruces Dr |   | Re-align intersection  | 2015         | \$3,377,269                          | \$3,512,360              | \$1,440,411       | \$2,071,949                           |
| 11              | 0922-00-060   | VA   | Districtwide  | Upgrade bridge rail and MBGF   | 2015         | \$3,059,036                          | \$3,181,397              | \$2,500,000       | \$681,397                             |
| 12              | 0038-01-081   | US 83  | Cielito-Lindo Blvd (NB) to Espejo Molina Rd (NB)              | Resurface of existing highway  | 2015         | \$253,823                            | \$263,976                | \$6,593,622       | \$0                                   |
| 1,2M, 11        | 0086-14-066   | Loop 20  | 0.45 m. east of Internation Blvd.to 0.25 m. west of Mcpherson | Construction of interchange  | 2016         | N/A                                  | \$22,777,543             | \$583,634         | \$22,193,909                          |
| 9               | E-01          | Manadas Creek Hike and Bike Trail, Phase III               | United High School to Loop 20                                 | Construct hike and bike trail  | 2016         | \$886,846                            | \$959,213                | \$959,213         | \$0                                   |
| 10              | 0922-33-093   | Calton Rd  | Santa Maria Ave   | Construct overpass   | 2016         | \$23,309,669                         | \$25,211,738             | \$12,926,124      | \$12,285,614                          |
| 10              | 0086-14-058   | Loop 20  | East of International Blvd to US 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) Prop 1 | 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                              |
| (Cat 2)         | 2150-04-067   | FM 1472 (Mines Rd.)  | Killam Industrial Blvd to 0.3 miles 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 | 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                              |
| 9               | E-02          | Manadas Creek Hike and Bike Trail, Phase IV                | McPherson Rd to North Central Park                            | Construct hike and bike trail  | 2017         | \$335,305                            | \$377,172                | \$377,172         | \$0                                   |
| 11              | 0922-33-149   | Chacon Creek   | Eastwoods Park to US 59                                       | Construction of a pedestrian trail at Chacon Creek in Laredo (Phase 3)   | 2017         | \$1,786,746                          | \$2,009,846              | \$1,410,000       | \$599,846                             |
| 2, 7            | 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                 | 2018         | \$44,200,000                         | \$51,707,748             | \$9,276,602       | \$42,431,146                          |
| 9               | E-03          | Manadas Creek Hike and Bike Trail, Phase V                 | IH 35 to McPherson Rd   | 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                          |
| 9               | E-04          | Manadas Creek Hike and Bike Trail, Phase VI                | Rio Grande River NW of water 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   | 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                                   | Upgrade to interstate standards, including overpasses at Shiloh Dr, Del Mar Blvd, University Blvd, Jacaman Rd, and Airport | 2020         | \$391,400,000                        | \$495,245,864            | \$116,608,517     | \$378,637,347                         |
| 11              | 0922-00-953   | VA   | Districtwide  | Upgrade bridge rail and MBGF   | 2020         | \$3,089,177                          | \$3,908,795              | \$2,500,000       | \$1,408,795                           |
| 11              | 0922-00-955   | VA   | Districtwide  | Upgrade bridge rail and MBGF   | 2021         | \$3,089,178                          | \$4,065,147              | \$2,500,000       | \$1,565,147                           |
| 11              | 0922-00-960   | VA   | Districtwide  | Upgrade bridge rail and MBGF   | 2022         | \$3,089,178                          | \$4,227,753              | \$2,500,000       | \$1,727,753                           |
| 11              | 0922-00-970   | VA   | Districtwide  | Upgrade bridge rail and MBGF   | 2023         | \$3,089,178                          | \$4,396,863              | \$2,500,000       | \$1,896,863                           |
| Local           | 0922-33-950   | Hachar Parkway   | 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                          |
| 7               | X-06          | IH 35  | At Loop 20  | Construct ramp from Loop 20 Westbound to IH 35 Northbound  | 2037         | \$35,520,000                         | \$87,546,696             | \$7,454,863       | \$80,091,833                          |
| 7               | X-09          | IH 35  | At Loop 20  | Construct ramp from Loop 20 Eastbound to IH 35 Southbound  | 2039         | \$35,520,000                         | \$94,690,506             | \$7,454,863       | \$87,235,643                          |
| Total           |               |  |   |  |              | \$83,506,726                         | \$947,117,246            | \$232,072,908     | \$721,434,483                         |



Figure 13-1: Natural Resources and Federally Funded Projects

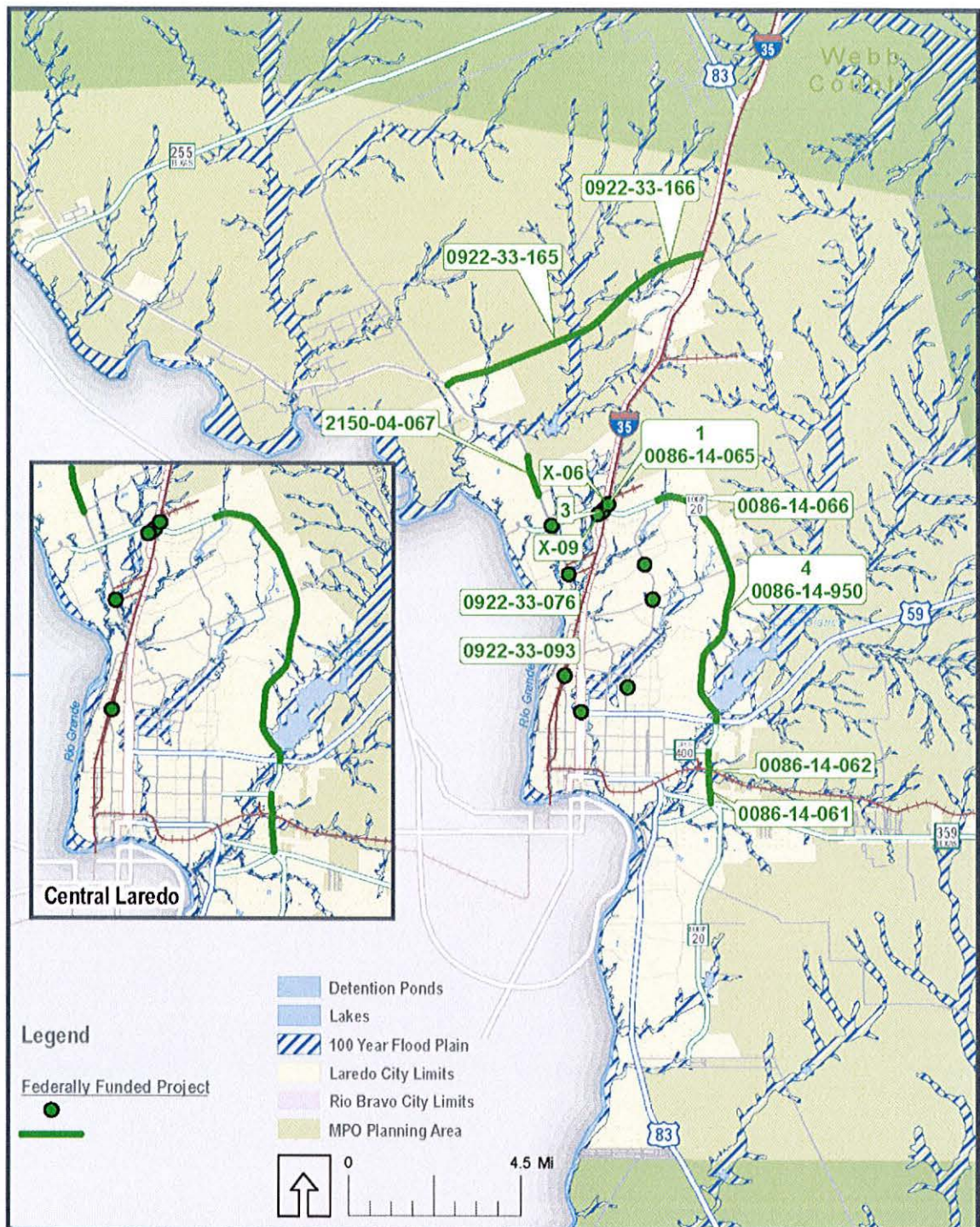




Figure 13-2: Cultural Resources and Federally Funded Projects

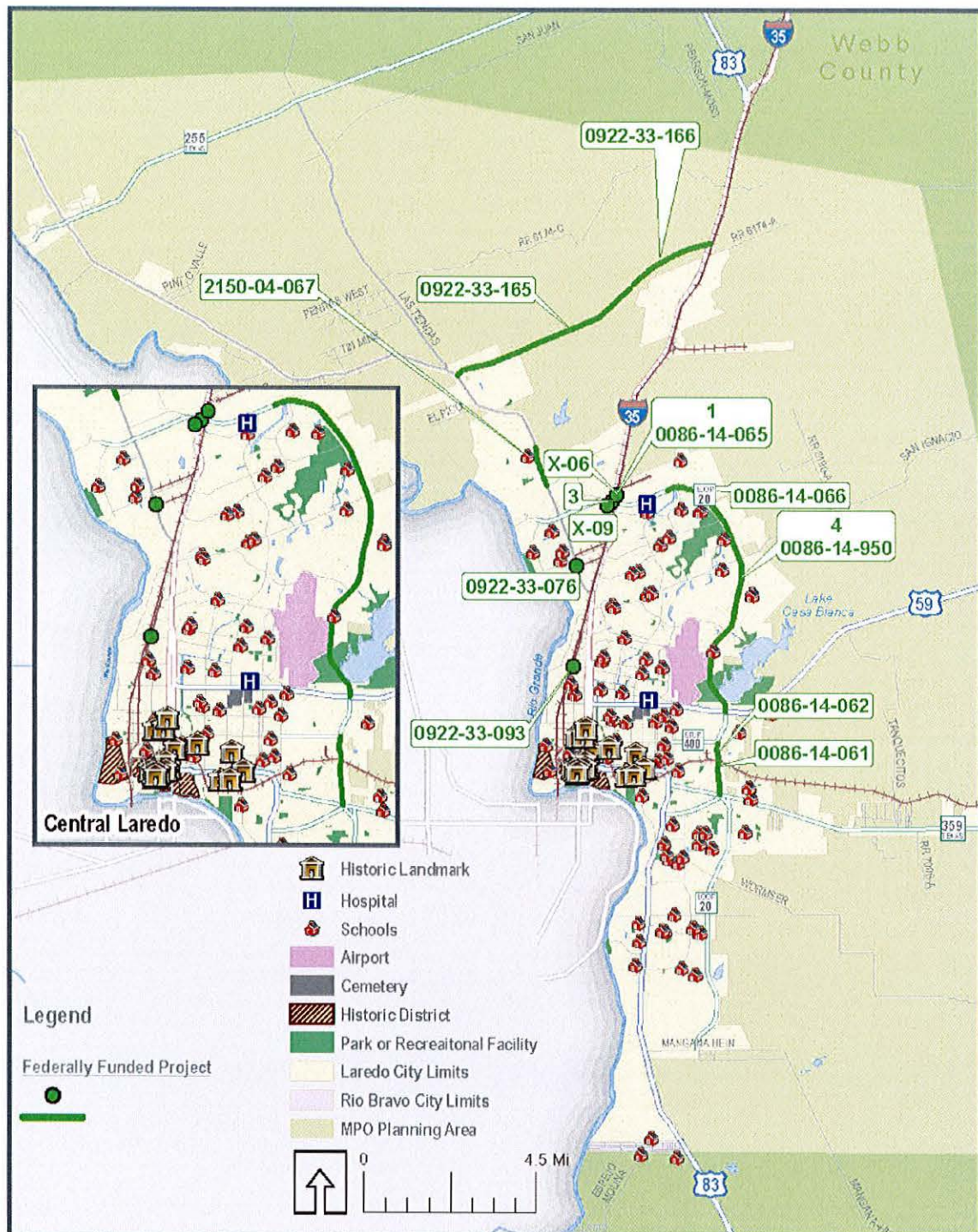




Table 13-1: Federally Funded Projects Environmental Assessment Results

| 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                  | ☑                  |              |         |          |               |                  |                        |        |
| 0086-14-066    | Loop 20          | 500                  | ☑                  | ☑            |         |          |               |                  |                        |        |
| 3              | Loop 20          | 500                  | ☑                  |              |         |          |               |                  |                        |        |
| 4, 0086-14-950 | Loop 20          | 400                  | ☑                  | ☑            | ☑       |          |               |                  | ☑                      | ☑      |
| X-06           | IH 35 at Loop 20 | 500                  | ☑                  |              |         |          |               |                  |                        |        |
| X-09           | IH 35 at Loop 20 | 500                  | ☑                  |              |         |          |               |                  |                        |        |
| 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                  | ☑                  |              |         |          |               |                  |                        |        |

### Environmental Mitigation Activities

It is stated in the laws governing the federal transportation planning process that “long-range 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



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 **Figure 13-3** and **Figure 13-4** present the locations of Environmental Justice populations and the priority projects within this MTP.

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

| <i>ID</i>      | <i>Roadway</i> | <i>Limits</i>   | <i>Buffer Distance (Ft)</i> | <i>Low Income Census Tract</i>      | <i>Colonia</i> |
|----------------|----------------|---|-----------------------------|-------------------------------------|----------------|
| 0086-14-061    | Loop 20        | Clark Blvd to SH 359  | 400                         | <input checked="" type="checkbox"/> |                |
| 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                         | <input checked="" type="checkbox"/> |                |
| 0922-33-093    | City Street    | At the intersection of Calton Rd and Santa Maria Ave          | 500                         | <input checked="" type="checkbox"/> |                |
| 0922-33-093    | City Street    | At the intersection of Calton Rd and Santa Maria Ave          | 500                         | <input checked="" type="checkbox"/> |                |
| 0086-14-062    | Loop 20        | 1.06 mi south of Spur 400 to Spur 400                         | 400                         | <input checked="" type="checkbox"/> |                |
| 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                         |                                     |                |



2015-2040 METROPOLITAN TRANSPORTATION PLAN





**RESOLUTION NO. MPO 2016-03**

**BY THE LAREDO URBAN TRANSPORTATION STUDY  
METROPOLITAN PLANNING ORGANIZATION POLICY COMMITTEE**

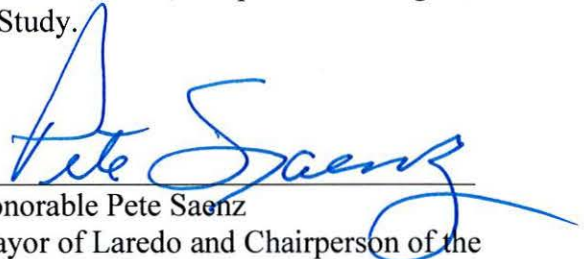
**ADOPTING THE 2015-2040 METROPOLITAN TRANSPORTATION PLAN (MTP)**

**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 March 21, 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