

EL PASO METROPOLITAN PLANNING ORGANIZATION
METROPOLITAN TRANSPORTATION PLAN

**EXECUTIVE
SUMMARY**



Appendix C
Transportation Conformity Report
for Amended Destino 2045 MTP

The El Paso Metropolitan Planning Organization's (MPO) Transportation Policy Board (TPB) adopted the Destino 2045 Metropolitan Transportation Plan (MTP) on May 18, 2018. In consultation with the U.S. Environmental Protection Agency (EPA), the Texas Commission on Environmental Quality (TCEQ), and the Texas Department of Transportation (TxDOT), the Destino 2045 MTP and the Destino 2019-2022 TIP were found to meet all the requirements for a joint FHWA/FTA conformity determination, under the Clean Air Act Amendments of 1990, on November 6, 2018.

On June 4, 2018, EPA designated Sunland Park, New Mexico as non-attainment in accordance with the 2015 8-hour ozone standard. As such, a conformity determination for the Sunland Park, NM non-attainment area was required by August 3, 2019. The El Paso MPO's TPB adopted a transportation conformity report for the Sunland Park, NM non-attainment area on January 25, 2019 and a joint FHWA/FTA conformity determination was approved on July 22, 2019.

A Metropolitan Transportation Plan (MTP) is a long range transportation plan for urbanized areas. The MTP development process is designed to coordinate local vision and needs with national performance measures and planning criteria. The Destino 2045 MTP provides for the long-term travel needs of the community in a balanced and financially responsible manner. Goals and Objectives provide the framework to guide decision-making about selecting and prioritizing projects to address the region's travel needs.

In the fall of 2019, the El Paso MPO identified a need to amend the Destino documents, which would require a new conformity determination. Loop 375 (Purple Heart) widening from US 62/180 Montana Ave. to Spur 601 would be delayed and not let on time, therefore, it would not be completed in the network year identified in the most recent conformity determination. This along with the development of the El Paso MPO's Regional Mobility Strategy (RMS) 2020 (originally known as the El Paso Mobility Plan v.2019), which identified several projects that would need to go through the conformity process for an amendment to the Destino 2045 MTP.

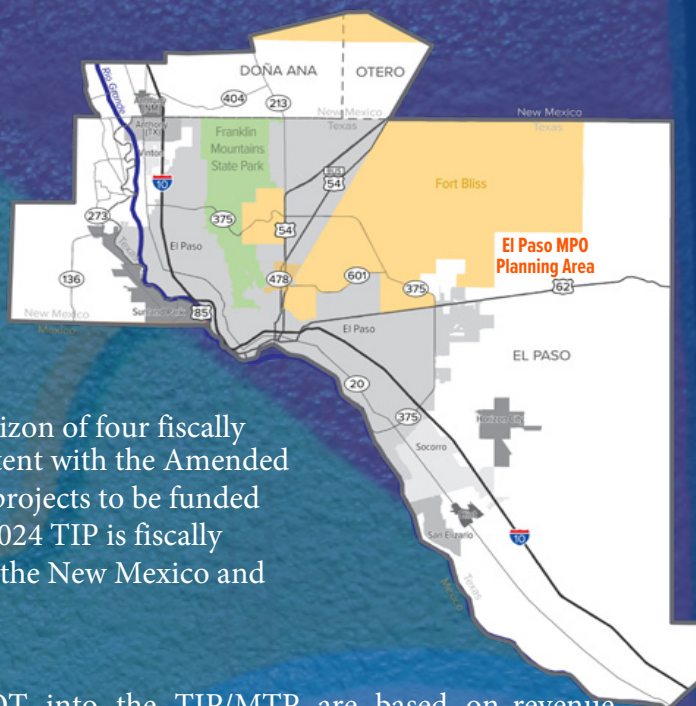
The El Paso MPO used Decision Lens software to support and enhance decision making and assist in project evaluation and prioritization. The RMS 2020 and the updated El Paso MPO's Congestion Management Process (CMP) were key inputs to developing multimodal priorities for inclusion in the Amended Destino 2045 MTP. Consensus from stakeholders to optimize funding was a key feature of this process.

There were no new highway projects developed for the Amended Destino 2045 MTP and the basic financial assumptions remain the same as the original Destino 2045 MTP, but several projects moved between network years. TxDOT moved 6 projects to outer years based on regional priorities. This freed up \$176M of funding for local government projects to be accelerated.

The timing for the new 2021-2024 STIP/TIP development in Texas coincides with the development of the Amended Destino 2045 MTP. Some projects requiring a conformity determination are included in the Destino 2021-2024 TIP, and will be approved contingent on a new conformity determination.

Fiscal constraint is a major component for these amendments. The Amended Destino 2045 MTP has approximately \$6B of multimodal projects and programs included in fiscal years (FY) 2019-2045. The El Paso MPO study areas stretches across the state line between Texas and New Mexico, including El Paso County in Texas, Southern Dona Ana County, and a portion of Otero County in New Mexico.

Facilitating the movement of people and goods throughout the region over this period of time presents numerous challenges from a financial standpoint. Projects and programs in the Texas portion of the El Paso MPO study area are approximately \$5B. Transit projects come to approximately \$983M. New Mexico highway projects total approximately \$60M.



A new Destino 2021-2024 TIP will cover a program horizon of four fiscally constrained years. The Destino 2021-2024 TIP is consistent with the Amended Destino 2045 MTP, and contains regionally significant projects to be funded with federal and non-federal funds. The Destino 2021-2024 TIP is fiscally constrained for transit projects and highway projects in the New Mexico and Texas portion of the El Paso MPO study area.

Federal funding categories that flow through TxDOT into the TIP/MTP are based on revenue forecasts in TxDOT's Unified Transportation Program (UTP). The UTP reflects the projects and programs that may be delivered in Texas over a 10-year period. See the section on Financial Planning Assumptions for the Amended Destino 2045 MTP below for more information. Also, the El Paso Mobility Plan v. 2019 led to a reprioritization of projects and funding in the Amended Destino 2045 MTP. See the section on the El Paso Mobility Plan v.2019 below for more information.

Close coordination is ongoing with NMDOT on available funds to be used in New Mexico. For example, the current New Mexico fiscally constrained STIP is the FY 2020-2023. The EPMPO coordinates with NMDOT to include New Mexico projects in the TIP/STIP that do not lineup with the fiscal years of the Texas STIP, 2021-2024. The next New Mexico STIP cycle will develop the FY 2022-2025 fiscally constrained STIP, which will be approved in FY 2022. If there is a need to include FY 2025 to accommodate New Mexico projects, the EPMPO will add FY 2025 to the Destino 2021-2024 TIP. Please refer to the New Mexico Financial Summary tables in the Destino 2021-2024 TIP for more detailed financial information on New Mexico projects.

Transit projects are funded with FTA funds and local funds. Most of the transit funding is for Sun Metro projects, the mass transit provider in the region, but transit projects in the county of El Paso and Dona Ana county in New Mexico are also included.

Sections below are included on the following pages:

- **Project Lists for the Amended Destino 2045 MTP**
- **Financial Summary Tables for the Amended Destino 2045 MTP**
 - Texas projects funded with FHWA, state and local funds
 - Sun Metro projects funded with FTA and local funds
 - New Mexico projects funded with FHWA, state and local funds
- **Financial Planning Assumptions for the Amended Destino 2045 MTP**
- **El Paso Mobility Plan v.2019, approved by the TPB on December 13, 2019 (later named the Regional Mobility Strategy (RMS) 2020)**
- **Performance Based Planning and Programming (PBPP) Assumptions**
- **Technical Memorandum: (same as Appendix J of the Transportation Conformity Report)**

**Destino 2045 MTP Project List
TX Highway and Roadway (FHWA and Local funds)**

CSJ	Project ID	Project Name	Project Description	From	To	Network	Current Const. Cost / 2019-2045 Cost	Est. Const. Cost	Est. PE Cost	Est. ROW Cost	Total Project Cost/YOE	Sponsor	YOE (FY)
2551-01-011	A134X	FM 1905 RECONSTRUCTION	RECONSTRUCTION OF ROADWAY (SH20 to IH10)	SH 20 (S MAIN ST)	I-10	2030	\$3,500,000	\$3,500,000	\$500,000	\$0	\$4,000,000	TXDOT	2021
0924-06-539	C035X	Paso Del Norte (PDN) POE Roundabout	Design and construct a roundabout to accommodate 1 lane and parameters as described in the FHWA NCHRP Report 672, to include but not limited to concrete and asphalt roadway intersection, signage, markings and striping.	El Paso St. at 6th Ave.		2020	\$1,297,000	\$1,297,000	\$192,645	\$0	\$1,489,645	COEP	2019
0924-06-548	E302X-1	Chamizal Neighborhood Pedestrian Enhancements Phase I	Construction of sidewalks, ADA pedestrian ramps and crosswalks. The purpose of the project is to provide connectivity to fix bus stop routes and rapid transit stops within neighborhood.	S. Luna St. from Alameda Ave.; Pera Ave. from S. Luna St.; S. Grama St. from Alameda Ave.; E. San Antonio St. from S. Raynor St.; Findlay Ave from S. Piedras St.; S. Cebada St. from Findlay Ave.; S. Piedras St. from Findlay Ave.; E. Paisano Dr. from S. Piedras St.	S. Luna St. to Pera Ave.; Pera Ave. to S. Copia St.; S. Grama St. to Pera St.; E. San Antonio St. to S. Copia St.; Findlay Ave to S. Cebada St.; S. Cebada St. to E. San Antonio St.; S. Piedras St. to Cypress Ave.; E. Paisano Dr to S. San Marcial St.	2020	\$736,678	\$736,678	\$277,022	\$0	\$1,013,700	COEP	2019
0924-06-542	M087A	Bicycle Connectivity Infrastructure Improvements Phase I	Construct bike facilities citywide to include: buffered bike lanes, conventional bike lanes, bike blvds, shared lane markings, and protected bike lanes.	Alabama from Atlas; Viscount from Montwood; Resler from Belvidere; High Ridge from Resler; Robinson from Oregon; Fort from Alabama; Los Angeles from Yandell	Alabama to Arizona; Viscount to Interstate Highway 10; Resler to Enid; High Ridge to Franklin Hills; Robinson to Virginia; Fort to Dyer; Los Angeles to Oregon	2020	\$1,259,914	\$1,259,914	\$240,345	\$0	\$1,500,260	COEP	2019
0924-06-562	R307D	Central Business District Phase 4 (CBD 4)	St.ImprovementsOfCitysDtnStsIncludes:CampbellKansas6thFatherRahm&Oregon.Kansas&CampbellConvertsTo2wayFrom8thToPaisano.Kansa sIncludesLnRedufrom3to2FromFatherRahmTo8th.CampbellIncludesLnR eduFrom3to2FromPaisanoTo8th.BikeFacilitiesWillBeProvidedOnAllSts to iclude road diets	Central Business District; Various		2030	\$10,213,600	\$10,213,600	\$1,802,400	\$0	\$12,016,000	COEP	2021
0924-06-544	T069X	Montana RTS Pedestrian Enhancements	Design and construction of pedestrian enhancements along the Montana RTS route to include installation of sidewalks and landscaping.	S POINTS TRANSFER CENTER on Montana and Piedras	Far East Transfer Center at Edgemere and RC POE	2020	\$2,813,772	\$2,813,772	\$427,693	\$0	\$3,241,465	COEP	2020
0924-06-549	E302X-2	Chamizal Neighborhood Pedestrian Enhancements Phase II	Construction of sidewalks, ADA pedestrian ramps and crosswalks. The purpose of the project is to provide connectivity to fix route and rapid transit.	N. Eucalyptus St. from Magoffin Ave.; Palm St. from Texas Ave.; Myrtle Ave. from Willow St.; Poplar St. from Myrtle Ave.; Pera Ave. from S. Raynor St.; S. Raynor St. from Pera Ave.; Rivera Ave. from S. San Marcial St.; S. Estrella St. from Pera Ave.	N. Eucalyptus St. to Olive Ave.; Palm St. to S. Piedras St.; Myrtle Ave. to Poplar St.; Poplar St. to Basset Ave.; Pera Ave. to S. San Marcial St.; S. Raynor St. to Rivera Ave.; Rivera Ave. to S. Estrella St.; S. Estrella St. to Rivera Ave.	2020	\$716,107	\$716,107	\$256,723	\$0	\$972,830	COEP	2020
0924-06-543	M087B	Bicycle Connectivity Infrastructure Improvements Phase II	Construct bicycle facilities citywide to include: buffered bike lanes, conventional bike lanes, bicycle boulevards, shared lane markings, and protected bicycle lanes.	Lomaland from Trawood; Pellicano from George Dieter; Trawood from Springwood; Tierra Este from RC Poe; Pendale from Yermoland	Lomaland to Pellicano; Pellicano to Lomaland; Trawood to Yarbrough; Tierra Este to Pebble Hills; Pendale to North Loop	2020	\$1,566,820	\$1,566,820	\$233,592	\$0	\$1,800,412	COEP	2020
0924-06-577	M090X	Bicycle Infrastructure Citywide	Construct bicycle facilities citywide to include: buffered bike lanes, conventional bike lanes, bicycle boulevards, shared lane markings, and protected bicycle lanes. The project will include, associated signage, wayfinding, striping, and intersection treatments	High Ridge from Resler; Ojo de Agua from Westwind; Will Ruth from Dyer; Stahala from Diana; Montwood from Yarbrough; Lomaland from Montwood; Pellicano from George Dieter; Peter Cooper from Pellicano; George Dieter from Vista del Sol; Pebble Hills from George Dieter	High Ridge to Franklin Hills; Ojo de Agua to Via Descanso; Will Ruth to McCombs; Stahala to Hondo Pass; Montwood to Lee Trevino; Lomaland to Trawood; Pellicano to Loop 375; Peter Cooper to Ben Proctor; George Dieter to Montwood; Pebble Hills to Lisa Scherr	2030	\$4,795,780	\$4,795,780	\$814,643	\$0	\$5,610,423	COEP	2021
0924-06-570	M089A	Downtown Bicycle Improvements Phase I	Construct bike facilities downtown to include: buffered bike lanes, conventional bike lanes, bike boulevards, shared lane markings, & protected bike lanes. The project will include road diets, associated signage, wayfinding, striping, & intersection treatments.	Campbell from Missouri; El Paso from Sheldon; Main from Oregon; Mills from Sheldon; Missouri from Santa Fe; Myrtle from Stanton; San Antonio from Anthony; Sheldon from Santa Fe; Virginia to Mills; Magoffin from San Antonio	Campbell to Paisano; El Paso to Overland; Main to Campbell; Mills to Virginia; Missouri to Campbell; Myrtle to Campbell; San Antonio to Virginia; Sheldon to El Paso; Virginia to San Antonio; Magoffin to Virginia	2030	\$2,143,722	\$2,143,722	\$428,357	\$0	\$2,572,079	COEP	2022
0924-06-571	E303X	Stanton Two-Way Cycle Track Roadway Improvements	Project includes installation of two-way cycle track facilities. Project will include road diet.	San Antonio Avenue	Rio Grande Avenue	2030	\$597,282	\$597,282	\$29,267	\$0	\$626,549	COEP	2029
0924-06-566	S301D	Traffic Management Center Upgrade Phase 1	The project includes the upgrade of the City of El Paso TMC&Traffic Signal controller equipment city wide. P1 is the design phase. P2 includes both design&construction.P3-5 are the implementation&construction of the design.	City of El Paso city limits.	City of El Paso city limits.	2030	\$0	\$0	\$3,660,329	\$0	\$3,660,329	COEP	2022
0924-06-605	A429X-CAP	Rojas Dr Widening	Reconstruction and widening from 4 to 6 lanes	LP 375	Bill Burnett	2030	\$9,378,645	\$9,378,645	\$410,000	\$0	\$9,788,645	COEP	2021
	P443X-CAP	Montwood Drive Widening	Addition of one lane in each direction to increase capacity from 4 to 6 lanes and a bike facility within existing right of way. Project includes road rehabilitation and ADA compliant pedestrian ramps.	Firehouse Drive	Sun Fire Boulevard	2030	\$1,952,730	\$3,126,384	\$153,193	\$0	\$3,279,576	COEP	2029
0924-06-566	S301E	Traffic Management Center Upgrade Phase 2	The project includes the upgrade of the City of El Paso TMC&Traffic Signal controller equipment city wide. P1 is the design phase. P2 includes both design&construction.P3-5 are the implementation&construction of the design.	City of El Paso city limits.	City of El Paso city limits.	2030	\$5,040,588	\$5,669,976	\$0	\$0	\$5,669,976	COEP	2023
0924-06-567	S301F	Traffic Management Center Upgrade Phase 3	The project includes the upgrade of the City of El Paso TMC&Traffic Signal controller equipment city wide. P1 is the design phase. P2 includes both design&construction.P3-5 are the implementation&construction of the design.	City of El Paso city limits.	City of El Paso city limits.	2030	\$3,799,589	\$5,000,000	\$0	\$0	\$5,000,000	COEP	2024
0924-06-568	S301G	Traffic Management Center Upgrade Phase 4	The project includes the upgrade of the City of El Paso Traffic Management Center and Traffic Signal controller equipment city wide. The first phase is the design phase. Phases 2 - 5 are the implementation and construction of the design.	City of El Paso city limits.	City of El Paso city limits.	2030	\$3,653,451	\$5,000,000	\$0	\$0	\$5,000,000	COEP	2025

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0924-06-569	S301H	Traffic Management Center Upgrade Phase 5	The project includes the upgrade of the City of El Paso Traffic Management Center and Traffic Signal controller equipment city wide. The first phase is the design phase. Phases 2 - 5 are the implementation and construction of the design.	City of El Paso city limits.	City of El Paso city limits.	2030	\$4,422,081	\$6,294,000	\$0	\$0	\$6,294,000	COEP	2026
	E501X-1	Playa Drain Hike and Bike Trail (Liberty-Whittier)	Pedestrian and bicycle facilities with signage, sidewalks, landscaping , furnishings and illumination.	Liberty St.	Whittier Dr.	2030	\$873,942	\$1,105,815	\$54,185	\$0	\$1,160,000	COEP	2026
0924-06-609	E112X	Border Highway West Hike and Bike Trail	Project includes installation of an 11-foot asphalt pavement hike and bike trail with irrigated landscaping	Racetrack (2) interchange	Executive Center (2) interchange	2030	\$1,523,673	\$1,782,482	\$87,342	\$0	\$1,869,824	COEP	2024
	E501X-2	Playa Drain Hike and Bike Trail (Yarborough to Midway)	Pedestrian and bicycle facilities with signage, sidewalks, landscaping , furnishings and illumination.	Yarborough Dr	Midway Dr	2030	\$3,171,451	\$4,694,522	\$230,032	\$0	\$4,924,554	COEP	2027
	E304X	Downtown Bicycle Improvements Phase II	Construct bicycle facilities downtown to include: buffered bike lanes, conventional bike lanes, bicycle boulevards, shared lane markings, and protected lanes. The project will include associated signage, wayfinding, striping, and intersection treatments.	Myrtle from Campbell; Oregon from Missouri; Stanton from San Antonio; Franklin from Los Angeles	Myrtle to Virginia; Oregon to Paisano; Stanton to Paisano; Franklin to Durango	2030	\$1,350,641	\$1,999,279	\$97,965	\$0	\$2,097,244	COEP	2027
	E110X	Westwind Bicycle Improvements	Striping, pedestrian, signal and signage improvements to incorporate bicycle facilities.	Redd Rd	Thunderbird Dr.	2030	\$1,737,664	\$2,572,167	\$126,036	\$0	\$2,698,203	COEP	2027
0924-06-611	B201X-CAP	Sean Haggerty Dr Extension	Construct 4 lane bridge with ped and bike facilities from Nathan Bay to Dyer St.	Nathan Bay Dr	Dyer St	2030	\$22,500,000	\$22,500,000	\$1,170,000	\$0	\$23,670,000	COEP	2023
	E111X	Sunland Park Hike and Bike Trail	Construction of an asphalt pedestrian and bicycle facility with associated signage, landscaping and irrigation, furnishings, and illumination.	Chermont Dr.	Mesa St.	2030	\$2,179,782	\$3,355,675	\$164,428	\$0	\$3,520,103	COEP	2028
0924-06-484	C032X	Border Traveler and Cargo ITS	Regional Cross-Border Travel Information to Local Travelers, Commercial Vehicles, Fleet Managers, Manufacturers, Maquiladoras, and Others.	Zaragoza POE	Zaragoza POE	2030	\$1,301,839	\$2,004,121	\$98,202	\$0	\$2,102,323	COEP	2028
	M025B	Video Surveillance and Count Stations Phase II	The project includes installation or integration of new count stations, dynamic message signs, hardware and software, conduit, fiber optic cable and the communication systems into the City of El Paso's Traffic Management Center (TMC) and TXDOT's Trans-Vista. The proposed locations include: Resler & Helen of Troy, Doniphan & Sunland Park, Diana & Railroad, Airport & Airway, Resler & High Ridge, Mesa & Executive Center, Montana & Copia, Airway & Boeing, Resler & Redd Rd., Paisano & Santa Fe, Montana & Reynolds, Edgemere & Airway Redd Rd. & Thorn, Hondo Pass & Dyer, Montana & Trowbridge, Airway & Viscount, Redd Rd. & Doniphan, Hondo Pass & Railroad, Alameda & Piedras, Hawkins & Edgemere, Hawkins & Viscount, Hawkins & Market, Hawkins & Phoenix, Lee Trevino & Yermoland, Lee Trevino & Castner, George Dieter & Trawood, George Dieter & Rojas, Redd & Derrickson, Redd Rd (60 Ft west of Southwestern) Yarborough (30 Ft. SW of North Loop) Resler & Plaza Taurina, Viscount (100 Ft. east of Golden Key), Viscount & Grover.	Multiple roadway intersections within the community as described in the project description.	Multiple roadway intersections within the community as described in the project description.	2030	\$2,536,569	\$3,904,931	\$191,342	\$0	\$4,096,273	COEP	2028
	A126X-CAP	Mesa Park Dr	Build 4-Lane Divided	I-10	Mesa	2030	\$3,927,215	\$6,287,598	\$308,092	\$0	\$6,595,690	COEP	2029
	P219X-CAP	Railroad Dr. Widening and Reconstruction	Addition of one lane in each direction from approximately 900 ft NE of Purple Heart Highway to approximately 1,000 ft SW of Shrub Oak to increase capacity from two to four lanes. Project includes road rehabilitation and reconstruction of existing road from Purple Heart Highway to Shrub Oak Drive.	Purple Heart Highway	Shrub Oak Drive	2030	\$8,950,955	\$12,740,000	\$1,500,000	\$0	\$14,240,000	COEP	2026
	P531X	Hawkins Boulevard Rehabilitation	Project consists of reconstruction of existing road and intersection improvements to include replacement of existing traffic signals, new signage, lighting, ADA ramps, irrigation and landscape.	Interstate HW 10	North Loop	2040	\$29,961,386	\$51,883,426	\$2,542,288	\$0	\$54,425,714	COEP	2031
	P533X	Hawkins Blvd Overpass	Street improvements to include roadway elements and a 4 lane overpass.	North Loop	Alameda	2045	\$19,985,448	\$51,228,781	\$2,510,210	\$3,586,015	\$57,325,006	COEP	2041
0924-06-534	P410X-15A	Pellicano Dr Widening/Build	Widening/Build from 2 to 6-Lanes Divided, with 5' bike lane and 5' multi-purpose path and landscaping	Joe Battle (Loop 375)	Berryville St	2020	\$23,000,000	\$24,876,800	\$2,700,000	\$0	\$27,576,800	County EP	2020
0924-06-564	P004X-PE	John Hayes (Darrington/Berryville) PE Phase	Build 6- Lane divided with bike lanes	Pellicano	Montwood	2020	\$0	\$0	\$2,555,280	\$0	\$2,555,280	County EP	2019
0924-06-560	E502X	Tornillo - SUP	CONSTRUCTION OF SHARED USE PEDESTRIAN AND BICYCLE FACILITY A LONG OT SMITH ROAD	On O.T. Smith RD/SH 20 (Alameda Ave)	IH-10	2020	\$2,394,547	\$2,394,547	\$96,476	\$0	\$2,491,023	County EP	2019
0924-06-564	P004X-CAP-1	John Hayes (Darrington/Berryville)(Construction Phase I)	Build 2- Lane divided with bike lanes	Pellicano	Montwood	2030	\$12,000,000	\$12,000,000	\$0	\$0	\$12,000,000	County EP	2022
	A135X-PE	Tom Mays/Northwestern Ext.(PE Phase)	Build 2- Lane divided with bike lanes	Westway Blvd	Transmountain (Loop 375)	2030	\$0	\$0	\$2,240,000	\$0	\$2,240,000	County EP	2028
0924-06-565	P004X-CAP-2	John Hayes (Darrington/Berryville)(Construction Phase II)	Widen/restripe from 2 to 6 lane divided with bike lanes	Pellicano	Montwood	2030	\$13,152,424	\$18,000,000	\$0	\$0	\$18,000,000	County EP	2025
	A434X-CAP	Bob Hope Ext.	Build 6- Lane divided with bike lanes	Loop 375	Mission Ridge Blvd (Arterial 1)	2030	\$8,975,804	\$14,945,374	\$732,323	\$1,046,176	\$16,723,874	County EP	2030
	P002X-CAP-1	Tierra Este (Arterial 1)-Phase 1	Build 6- Lane divided with bike lanes	Pellicano	Cozy Cove	2030	\$14,168,171	\$20,972,354	\$1,027,645	\$0	\$22,000,000	County EP	2027

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	P002X-CAP-2	Tierra Este (Arterial 1)-Phase 2	Build 6- Lane divided with bike lanes	Pellicano	Cozy Cove	2030	\$4,953,906	\$7,626,311	\$373,689	\$0	\$8,000,000	County EP	2028
	A407X-25A	Darrington Widening	Widen from 2-lane to 4-lane divided	LTV Rd	IH-10	2045	\$29,006,250	\$74,351,841	\$3,643,240	\$0	\$77,995,081	County EP	2041
	A135X-CAP	Tom Mays/Northwestern Ext.(Construction)	Build 2- Lane divided with bike lanes	Westway Blvd	Transmountain (Loop 375)	2030	\$10,360,000	\$16,586,694	\$0	\$0	\$16,586,694	County EP & COEP	2029
	A431X	South Darrington Road Repaving	Removal and Replacement of Asphalt	Oxbow Drive	Alberston Avenue	2030	\$2,851,697	\$4,390,057	\$1,048,056	\$0	\$5,438,113	Horizon	2028
0924-06-587	A432X	N. Darrington Reconstruction	Reconstruction of an existing 4-lane roadway	Eastlake Boulevard	Oxbow Drive	2030	\$12,500,000	\$12,500,000	\$2,000,000	\$0	\$14,500,000	Horizon	2022
0924-06-563	A433X-CAP	Arterial 1 (1682 Blvd.)	Build 4 lane divided	Future Border Highway East (BHE)	IH-10	2030	\$13,227,643	\$21,177,883	\$0	\$0	\$21,177,883	Socorro/County EP	2029
2552-02-028	F057X-CAP	Loop 375 (Purple Heart) Widening and Construction of Frontage Roads	Widen 4 to 6 lanes on mainlanes and construct 2 lane frontage roads in each direction	Spur 601	US 62/180 (Montana Ave)	2030	\$54,664,525	\$54,664,525	\$2,421,570	\$7,626,000	\$64,712,095	TXDOT	2021
0167-01-113	I034X-MOD	I-10 Connect	US 54 / IH 10 / IH 110 / Loop 375 Interchange Improvements (for example improvements to existing ramps and adding auxiliary lanes)	Loop 375 (Cesar Chavez Border Highway)	Yandell Drive	2020	\$90,416,143	\$90,416,143	\$4,588,721	\$1,500,000	\$96,504,864	TXDOT	2019
0374-02-107	P333X	Intersection Operational Improvements at Montana Ave./Airport Rd./Mescalero Dr.	Intersection Operational Improvements at Montana Ave./Airport Rd./Mescalero Dr.	Geronimo Drive	Sioux Drive	2020	\$487,319	\$487,319	\$15,595	\$0	\$502,914	TXDOT	2019
0374-02-097	F407A-CAP	US 62/180 (Montana Ave.) Expressway & Frontage Roads, Phase I	BuildWB3LN Frontage Road(FR)Global ReachDr(GR)toTierra EsteRd(TE). AncillaryWorkGR to TE to ConvertExisting3LN EB ML to 3LN EB FR.Construct6LN Exwy EB/WB MLsW/AuxiliaryLNs&GradeSeparationsAtIntersectionsLeeTrevinoDr to TE. Incidental work to Zaragoza Dr.	On US 62/180 (Montana Ave.) Expressway & Frontage Roads, Phase I at Global Reach Dr.	FM 659 (Zaragoza)	2020	\$121,733,894	\$121,733,894	\$6,366,239	\$38,600,000	\$166,700,133	TXDOT	2019
3451-01-040	A435X	Horizon at Darrington Intersection Imp.	Intersection & Operational Imprv	Horizon at Darrington Intersection		2030	\$6,000,000	\$6,000,000	\$0	\$0	\$6,000,000	TXDOT	2022
1046-03-005	P448X-CAP	LP 375 At Spur 601 Direct Connectors NB/WB and EB/SB	Construct 2- lane Northbound to Westbound and 2-lane Eastbound to Southbound Direct connectors	Spur 601 Liberty Expy At Loop 375 (Purple Heart)		2030	\$23,931,284	\$35,424,146	\$0	\$0	\$35,424,146	TXDOT	2030
0002-12-026	P334X	Intersection Operational Improvements at Montana Ave./Paisano Dr.	Intersection Operational Improvements at Montana Ave./Paisano Dr.	At Montana Ave		2030	\$576,605	\$820,689	\$18,451	\$0	\$839,140	TXDOT	2029
2552-03-049	F056X-CAP	Loop 375 (Americas/Joe Battle) Widening	Widen from 4 To 6 lanes divided from Bob Hope to Zaragoza Rd.	Bob Hope Dr.	Zaragoza Rd.	2030	\$30,032,412	\$30,032,412	\$0	\$0	\$30,032,412	TXDOT	2020
2121-01-094	I405X-CAP	IH 10 WIDENING	WIDEN FROM 4 TO 6 LANES DIVIDED	0.22 MILES WEST OF FM 1905 (ANTONIO STREET).	SH 20 (MESA ST)	2030	\$170,058,472	\$170,058,472	\$3,591,774	\$0	\$173,650,246	TXDOT	2021
2121-02-160	I406X-CAP	IH 10 WIDENING	WIDEN FROM 6 TO 8 LANES DIVIDED	SH 20 (MESA ST)	IH 10/US 85/SUNLAND PARK INTERCHANGE	2030	\$23,980,000	\$36,916,108	\$3,148,554	\$0	\$40,064,662	TXDOT	2030
0167-01-122	F001B-15A	US54 (PATRIOT FWY) MAINLANES (KENWORTHY TO FM2529) AND RAMP RECONFIGURATION	BUILD 4 LANE DIVIDED HWY AND GRADE SEPARATIONS AND RAMP RECONFIGURATION	KENWORTHY ST	FM 2529 (MCCOMBS ST)	2030	\$39,169,068	\$39,169,068	\$2,585,695	\$0	\$41,754,763	TXDOT	2023
1046-03-004	P402X-05A	SS 601 WIDENING	WIDEN FROM 4 TO 6 LANES	AIRPORT ROAD	SL 375 (PURPLE HEART HIGHWAY)	2040	\$13,055,388	\$22,607,708	\$1,441,570	\$0	\$24,049,278	TXDOT	2031
1046-01-020	P428X-CAP-2	FM 659 (Zaragoza Rd/George Dieter Dr.), Segment 2	Widen from 4 to 6 Lanes including roadway and operational improvements on existing 6 lane segment	IH 10	SL 375 (JOE BATTLE BLVD)	2040	\$29,446,815	\$50,992,356	\$1,887,146	\$0	\$52,879,502	TXDOT	2031
2121-03-146	I006X-15A	IH 10 Interchange at Pendale (Lee Trevino to FM659)	CONSTRUCT INTERCHANGE	Lee Trevino	East of FM 659 (Zaragoza Rd)	2030	\$24,060,000	\$24,060,000	\$2,000,000	\$0	\$26,060,000	TXDOT	2024
1046-01-022	P530X-MOD	FM 659 (ZARAGOZA RD) WIDENING, SEGMENT 3	WIDEN FROM 4 LANE TO 6 LANE INCLUDING OPERATIONAL IMPROVEMENTS	IH 10	FM 76 (NORTH LOOP DR)	2040	\$4,986,961	\$8,635,803	\$277,225	\$0	\$8,913,028	TXDOT	2031
0374-02-102	F407D-CAP	US 62 (MONTANA) EXPWY PH4	WIDEN 4-LANE UNDIVIDED TO 6-LANE DIVIDED AND CONSTRUCT OVERPASS	FM 659 (ZARAGOZA ROAD)	DESERT MEADOWS	2040	\$15,388,336	\$26,647,619	\$3,276,650	\$0	\$29,924,269	TXDOT	2031
2552-02-029	F053B-CAP	SL 375 WIDENING	WIDEN FROM 4 TO 6 LANES DIVIDED	SS 601	BU 54 (DYER ST)	2030	\$26,779,808	\$41,226,284	\$2,385,143	\$0	\$43,611,427	TXDOT	2030
0924-06-532	F405X-CAP	GLOBAL REACH DR RECONSTRUCTION AND ADDITION OF FRONTAGE ROADS	Reconstruction of existing mainlanes (6 lanes, 3 in each direction), construct 4 lane frontage roads (2 in each direction), and single lane direct connectors at SS 601 NB to WB and EB to SB.	(ON GLOBAL REACH DR) US 62/180 MONTANA AVE	SS 601	2040	\$38,171,537	\$66,100,752	\$7,112,345	\$0	\$73,213,097	TXDOT	2031
0374-02-100	F407B-CAP	US 62/180 (Montana Ave.) Expressway & Frontage Roads, Phase II	Construct 6 lane (expressway) MLs EB/WB with auxiliary lanes and grade separations at intersections from Tierra Este Rd to FM 659 (Zaragoza Rd). Build 2 lane WB/EB FRs in each direction from Tierra Este Rd to FM 659 Zaragoza Rd. Reconstruct 6 lane WB/EB ML from Global Reach Dr. to Lee Trevino Dr. to include auxiliary lanes and grade separation at intersection. Reconstruct existing EB FR from Global Reach Dr. to Tierra Este Rd in concrete (no added capacity). Work includes drainage, advanced signing, striping, transitional and incidental work (operation improvements) up to FM 659 (Zaragoza Rd). Project scope may be further phased depending on funding availability.	Global Reach Dr.	Zaragoza Rd. (FM 659)	2030	\$111,391,623	\$146,583,777	\$7,350,000	\$0	\$153,933,777	TXDOT	2026
0924-06-591	F059X-CAP-1	BORDER HWY EAST (BHE), PH 1	BUILD 4 LANES DIVIDED HWY INCLUDING 2-lane Direct connectors at SL 375 (WB-WB and EB-EB direction coming in/out of BHE) and connection to Pan American at Winn Road	SL 375 (AMERICAS AVE)	NUEVO HUECO TANKS EXTENSION	2040	\$139,659,900	\$241,845,760	\$0	\$0	\$241,845,760	TXDOT	2031
1046-01-021	P428X-MOD	FM 659 (Zaragoza Road) Widening	Widen 4 Lane To 6 Lanes Divided, to include transitional work from LP 375 to Sunfire	Loop 375	US 62/180 (Montana)	2040	\$14,254,786	\$23,735,267	\$1,163,028	\$1,661,469	\$26,559,764	TXDOT	2031
0924-06-136	P201B-CAP	Borderland Expressway	BUILD 4 LANES AND OVERPASSES	ON SL 375 EAST OF RAILROAD DRIVE OVERPASS	FM 3255 MARTIN L KING JR BLVD. AT THE TX/NM STATE LINE	2030	\$273,317,294	\$437,589,794	\$21,441,900	\$0	\$459,031,694	TXDOT	2029
2121-02-903	I061X-CAP	IH 10 FRONTAGE ROADS	BUILD FRONTAGE ROAD EXTENSION (2 lane in each direction)	SUNLAND PARK DR	MESA PARK ST	2030	\$11,519,702	\$19,181,151	\$939,876	\$0	\$20,121,028	TXDOT	2030

**Destino 2045 MTP Project List
TX Highway and Roadway (FHWA and Local funds)**

CSJ	Project ID	Project Name	Project Description	From	To	Network	Current Const. Cost / 2019-2045 Cost	Est. Const. Cost	Est. PE Cost	Est. ROW Cost	Total Project Cost/YOE	Sponsor	YOE (FY)
0924-06-590	A136X-CAP	MESA PARK EXTENSION	BUILD 4 LANE UNDIVIDED ROAD EXTENSION	IH-10	SH 20 (DONIPHAN DR.)	2040	\$7,384,425	\$12,787,435	\$626,584	\$0	\$13,414,019	TXDOT	2031
2121-04-114	I062X-CAP	IH 10 WIDENING (Eastlake to FM 1281)	WIDEN FROM 4 TO 6 LANES	EASTLAKE BLVD	FM 1281 (HORIZON BLVD)	2030	\$17,000,000	\$17,000,000	\$1,033,543	\$0	\$18,033,543	TXDOT	2021
0924-06-599	B300X	MONTANA AVE. OVERPASS AT RAILROAD	CONSTRUCT OVERPASS AT RAILROAD ON MONTANA AVE.	COTTON RD	PALM ST	2030	\$18,450,265	\$30,721,048	\$1,505,331	\$0	\$32,226,380	TXDOT	2030
0924-06-998	B301X	MISSOURI RAILROAD OVERPASS	CONSTRUCT MISSOURI RAILROAD OVERPASS	(On Missouri) N. Lee St	N. Walnut St	2030	\$25,830,372	\$43,009,468	\$2,107,464	\$0	\$45,116,932	TXDOT	2030
0374-02-116	F407C	US 62/180 (Montana Ave.) Direct Connectors at Global Reach Dr. and LP 375 and Improvements Phase III	Construction of single lane Direct Connector ramps at US 62/180 and Global Reach Dr. (SB-EB and WB-NB) and at US 62/180 and Loop 375 (EB-SB, NB-WB, SB-EB, WB-NB) for operational improvements at the intersections. Work to include advanced signing, striping and incidental work to FM 659 (Zaragoza Rd.)	Global Reach Dr.	Zaragoza Rd. (FM 659)	2040	\$89,879,000	\$138,364,591	\$4,165,000	\$1,000,000	\$143,529,591	TXDOT	2031
0924-06-592	F059X-CAP-2	BORDER HWY EAST (BHE), PH 2	BUILD 4 LANES DIVIDED HWY	OLD HUECO TANKS EXTENSION	FUTURE FM 1110 CLINT EXTENSION	2040	\$65,825,040	\$113,987,672	\$0	\$0	\$113,987,672	TXDOT	2031
1281-01-019	P533X-CAP	FM 1110 CLINT RD BUILD	BUILD 4 LANE DIVIDED	SL 375 BORDER HIGHWAY EAST	SH 20 (ALAMEDA AVE)	2040	\$31,109,422	\$53,871,454	\$2,639,701	\$0	\$56,511,155	TXDOT	2031
0924-06-607	A527X-CAP-1	Nuevo Hueco Tanks Extension-Phase I (Street name updated from "Old" Hueco Tanks to "Nuevo" Hueco Tanks)	Build 4 lane roadway and shared-use path	FM 76 North Loop Dr	SH 20 - Alameda Avenue	2030	\$20,000,000	\$20,000,000	\$0	\$1,500,000	\$21,500,000	Socorro	2024
0924-06-607	A527X-CAP-2	Nuevo Hueco Tanks Extension-Phase II (Street name updated from "Old" Hueco Tanks to "Nuevo" Hueco Tanks)	Build 4 lane roadway	SH 20 - Alameda Avenue	Border Highway East (BHE)	2040	\$7,000,000	\$10,776,178	\$0	\$0	\$10,776,178	TXDOT	2031
2121-02-166	I063X-CAP	I-10 WIDENING AT DOWNTOWN	ADD 1 LANE EACH DIRECTION INCLUDING OPERATIONAL IMPROVEMENTS AND NEW FRONTAGE ROADS (2 LANES EACH DIRECTION, EB AND WB FROM EXECUTIVE BLVD. TO ASARCO HAUL BRIDGE AND EB FROM CAMPBELL ST. TO DALLAS ST.)	EXECUTIVE CENTER	DALLAS ST	2040	\$350,000,000	\$606,086,757	\$29,698,251	\$0	\$635,785,008	TXDOT	2031
2552-04-051	F060X	SL 375 EB US 62 PAISANO RAMP IMPROVEMENTS	OPERATIONAL RAMP IMPROVEMENTS (Ramp will provide a connection on the existing EB SL 375 to EB US 62 via US 54 exit)	SL 375 EB (CESAR CHAVEZ BORDER HWY)	US 62 (PAISANO DR)	2040	\$12,503,505	\$21,652,025	\$1,060,949	\$0	\$22,712,974	TXDOT	2031
0665-01-012	P206B-15A	FM 3255 (MARTIN LUTHER KING JR BLVD.) WIDENING	WIDEN FROM 2 LANES TO 4 LANES DIVIDED INCLUDING REHAB ON EXISTING 4 LANE SEGMENT.	TX/NM STATELINE	LOMA REAL AVE	2040	\$15,988,964	\$27,687,712	\$1,356,698	\$0	\$29,044,410	TXDOT	2031
0002-02-058	A528X-CAP	SH 20 ALAMEDA WIDENING	WIDEN FROM 4 TO 6 LANES DIVIDED	SL 375 (AMERICAS AVE)	FM 1110 CLINT RD	2040	\$47,069,119	\$81,508,485	\$3,993,916	\$0	\$85,502,401	TXDOT	2031
3451-01-037	P431X-MOD	FM 1281 (HORIZON BLVD) WIDENING	Widen from 4 to 6 lanes divided	IH 10	ANTWERP	2040	\$18,483,193	\$33,287,187	\$1,631,072	\$0	\$34,918,259	TXDOT	2032
1046-03-004	P464X-CAP	STATE SPUR 601 FRONTAGE ROAD AND OPERATIONAL IMPROVEMENTS	BUILD 2-LANE EB FRONTAGE ROAD FROM GLOBAL REACH TO SL 375, AND OPERATIONAL IMPROVEMENTS FROM AIRPORT RD. TO SL 375 TO INCLUDE A SINGLE LANE RAMP FROM AIRPORT RD TO SPUR 601 EB AND 2-1 LANE RAMPS FROM SPUR 601 TO CONSTITUTION RD.	AIRPORT ROAD	SL 375 (PURPLE HEART)	2040	\$7,144,195	\$13,380,943	\$655,666	\$0	\$14,036,609	TXDOT	2033
1046-03-906	P465X-CAP-1	SS 601 AT SL 375 DIRECT CONNECTOR	SS 601 AT SL 375 EB TO NB DIRECT CONNECTOR	SS 601	SL 375 (PURPLE HEART MEMORIAL HIGHWAY)	2040	\$9,971,387	\$19,423,270	\$951,740	\$0	\$20,375,010	TXDOT	2034
2552-03-069	F058X-CAP	Loop 375 Purple Heart Widening of Frontage Roads	Widen Frontage Roads from 2 lanes to 3 lanes in each direction	Spur 601	US 62/180 (Montana Ave)	2040	\$8,000,000	\$14,407,548	\$800,000	\$0	\$15,207,548	TXDOT	2035
0167-01-129	P218X-CAP	US 54 (PATRIOT FWY) MAINLANES	BUILD 4 LANE DIVIDED (2-LANES EACH DIRECTION) HWY AND GRADE SEPARATIONS.	FM 2529 (MCCOMBS ST)	STATE LINE RD	2045	\$103,449,817	\$265,173,347	\$12,993,494	\$0	\$278,166,841	TXDOT	2041
0924-06-589	A522D-CAP	FM 3380 AGUILERA INTL HWY WIDENING, PHASE 3	WIDEN FROM 2 LANE UNDIVIDED TO 4 LANE DIVIDED	SH 20 (ALAMEDA AVE)	IH-10	2045	\$14,588,422	\$42,063,798	\$2,061,126	\$0	\$44,124,924	TXDOT	2044
0924-06-064	E108X-3	University Avenue Pedestrian and Bike Enhancement - Phase III	Pedestrian and bike enhancements with reconstructed and widened sidewalks, bike lanes, landscape parkways and street lanes.	(On University) 1,035' W of Kansas	1,485' W of Kansas St	2020	\$1,225,272	\$1,225,272	\$99,496	\$0	\$1,324,768	UTEP	2020
	A307X-B	UTEP Transportation Improvements: Glory Road Segment 1 of 3 Projects	Reconstruction and alignment of Glory Road, a functional classified Major Collector, from Oregon Street to Sun Bowl Drive, both being minor arterials. The project addresses pedestrian safety and provides improved access to Sun Metro's Transit Facility.	Oregon Street	Sun Bowl Drive	2030	\$2,497,241	\$3,696,527	\$181,130	\$0	\$3,877,657	UTEP	2030
0924-06-606	A137X	VALLEY CHILE RD RECONSTRUCTION	RECONSTRUCTION OF ROADWAY TO INCLUDE SIDEWALKS, DRAINAGE, LIGHTING AND ILLUMINATION, LANDSCAPING, AND IRRIGATION	SH 20 (DONIPHAN DR)	IH -10	2030	\$7,000,000	\$7,000,000	\$0	\$500,000	\$7,500,000	Vinton	2024
0924-06-606	A137X-PE	VALLEY CHILE RD RECONSTRUCTION - PE Phase	RECONSTRUCTION OF ROADWAY TO INCLUDE SIDEWALKS, DRAINAGE, LIGHTING AND ILLUMINATION, LANDSCAPING, AND IRRIGATION	SH 20 (DONIPHAN DR)	IH -10	2020	\$0	\$0	\$1,000,000	\$0	\$1,000,000	Vinton/County EP	2020
2552-04-047	F061X-CAP	Loop 375 (Americas/Joe Battle) Widening	Widen from 4 to 6 lanes divided	Zaragoza Rd.	0.33 MI SW of Zaragoza Rd.	2030	\$4,467,589	\$4,467,589	\$0	\$0	\$4,467,589	TXDOT	2020
0924-06-607	A527X-PE	Nuevo Hueco Tanks Extension-PE Phase (Street name updated from "Old" Hueco Tanks to "Nuevo" Hueco Tanks)	Build 4 lane roadway	FM 76 North Loop Dr	SH 20 - Alameda Avenue	2020	\$0	\$0	\$3,500,000	\$0	\$3,500,000	Socorro	2020
0924-06-563	A433-CAP-PE	Arterial 1 (1682 BLVD)	Build 4-lane divided	Future Border Highway East	IH-10	2020	\$0	\$0	\$4,832,941	\$0	\$4,832,941	Socorro	2019
0167-01-127	F202X	Install RVSDs & CCTVs on US 54	Installation of Radar Vehicle Sensing Devices(RVSDs) and Closed Circuit Televisions (CCTVs) on US 54, McCombs-Stateline	FM 2529 (MCCOMBS ST)	New Mexico State Line	2020	\$673,846	\$673,846	\$56,154	\$0	\$730,000	TXDOT	2020
2552-03-066	F408X-MOD	Loop 375 (Americas Avenue) Frontage Roads and Ramps Reconfiguration	The Extension of Frontage Rds Across UPRR & Reconfiguration of Ramps Along This Segment of LP 375 Improves Connectivity & Mobility & Reduces Congestion @ The Zaragoza International Port of Entry, LP 375 Mainlanes & The I-10 Corridor. - Exempt Project (Safety)	Interstate 10	Zaragoza International Port of Entry (POE)	2030	\$36,470,000	\$36,470,000	\$6,000,000	\$0	\$42,470,000	TXDOT	2020

**Destino 2045 MTP Project List
TX Highway and Roadway (FHWA and Local funds)**

CSJ	Project ID	Project Name	Project Description	From	To	Network	Current Const. Cost / 2019-2045 Cost	Est. Const. Cost	Est. PE Cost	Est. ROW Cost	Total Project Cost/YOE	Sponsor	YOE (FY)
2552-02-035	F409X-MOD	SL 375 Interchange (at SGT Major)	OPERATIONAL IMPROVEMENTS FOR THE INTERSECTIONS OF SERGEANT MAJOR BLVD AT LOOP 375 NORTHBOUND AND SOUTHBOUND RAMPS	1.0 MI N of SGT Major	1.0 MI S of SGT Major								
0924-06-604	E503X	Passmore Road Shared-Use Path	A 12-foot shared-use path along Passmore Road for bicyclists and pedestrians.	Franklin Canal at Passmore Road	Upper Clint Lateral at Passmore Road								
3592-01-009	P136X	SH 178 OPERATIONAL IMPROVEMENTS	Interchange improvements to include grade separation(s), rebuild I-10 overpass, U-turns, 4 Direct Connectors (DC) (3, 2-lane DC and only EB to WB DC will be 1-Lane)	NM/TX STATELINE	IH 10								
0924-06-615	T001-1	Regional Transit Start-up assistance for FY21	Establish Transit Service to provide a more efficient, single, seamless, transit system in El Paso County, Horizon City, Vinton, Anthony, San Elizario, Clint, and Socorro.	County wide	County wide								
0924-06-612	T001-2	Regional Transit Start-up assistance for FY22	Establish Transit Service to provide a more efficient, single, seamless, transit system in El Paso County, Horizon City, Vinton, Anthony, San Elizario, Clint, and Socorro.	County wide	County wide								
0924-06-613	T001-3	Regional Transit Start-up assistance for FY23	Establish Transit Service to provide a more efficient, single, seamless, transit system in El Paso County, Horizon City, Vinton, Anthony, San Elizario, Clint, and Socorro.	County wide	County wide								
0924-06-616	E504X	Tornillo South Sidewalks/SUP	Design and Construction of new sidewalks 5 ft wide, new 12 ft wide Shared Use Path (SUP), driveways, striping, crosswalks and 28 ADA Ramps along different streets at Tornillo, TX.	Cobb Ave, Florinda Dr., Linda Dr., Florella Dr., 2nd St. and 3rd. St.	Various County streets/roadways								
0924-06-617	E505X	Tornillo North Sidewalks/SUP	Design and Construction of new sidewalks 5 ft wide, driveways, striping, crosswalks and 24 ADA Ramps. along different streets at Tornillo, TX.	Drake St, Los Coyotes Dr. and Oil Mills Rd.	Various County Streets/roadways								
0924-06-618	E506X	Ysleta Middle School SRTS	Installation of school zone flashers along Independence Drive, ADA ramps at multiple locations, and school zone signs will be upgraded to meet MUTCD standards at Ysleta Middle School. Bicycle lanes at Elvin Way between Alameda and Victor Lane, and hike & bike trail among Playa Lateral between Elvin and Jesuit Dr.	Elvin Way from Alameda; Independence Dr from Elvin; Playa Lateral from Elvin Way	Elvin Way to Victor; Independence Dr to Jesuit Dr; Playa Lateral to Jesuit Dr.								
0924-06-602	E404X	Playa Drain Shared Used Path (Whittier to Elvin) 2021	The project consists of a shared used path with shade trees, vegetation, and other amenities	Whittier Dr.	Elvin Way								

Fhwa Funding Transfers To Fta 5307 Funding (Projects Listed Below Are Informational Only, Funding Allocations Are Accounted In Fhwa Highway And Roadway Project List And Financials)

0924-06-550	T064X	Alameda RTS Operating Assistance YR1 - 2019	1st Year of Alameda BRT-RTS operations.	Downtown Terminal - Santa Fe and Fourth	Mission Valley Terminal - Alameda and Zaragoza	2020	\$1,000,000	\$1,000,000	\$0	\$0	\$1,000,000	Sun Metro-Transit	2019
0924-06-537	T065X	Dyer RTS Operating Assistance YR1 - 2019	1st Year of Dyer BRT-RTS operations.	Downtown Terminal - Santa Fe and Fourth	Northgate Terminal - Dyer at Wren	2020	\$1,000,000	\$1,000,000	\$0	\$0	\$1,000,000	Sun Metro-Transit	2019
0924-06-588	T065X-A	Dyer RTS Operating Assistance YR1 - 2019 YE Balance Funding	1st Year of Dyer BRT-RTS operations.	Downtown Terminal - Santa Fe and Fourth	Northgate Terminal - Dyer at Wren	2020	\$1,928,352	\$1,928,352	\$0	\$0	\$1,928,352	Sun Metro-Transit	2019
0924-06-552	T108X-2	El Paso Streetcar System 2nd Year Operating Assistance	Operating Assistance for second year of new transit service intended to reduce congestion and CO emissions.	Father Rahm	Glory Road	2020	\$1,000,000	\$1,000,000	\$0	\$0	\$1,000,000	Sun Metro-Transit	2019
0924-06-538	BP006	Procurement of 3 Buses	Sun Metro seeks to procure three buses in anticipation of increased frequency and ridership demand for services around the Montecillo Development and the MCA-TTU-UMC areas.	Santa Fe Downtown terminal (2 buses) MCA-TTU-UMC areas (1 bus)	Sunland Par-Shadow Mountain (2 buses) Flower Streets (1 bus)	2020	\$1,800,000	\$1,800,000	\$0	\$0	\$1,800,000	Sun Metro-Transit	2019
0924-06-553	T108X-3	El Paso Streetcar System 3rd Year Operating Assistance	Operating Assistance for 3rd year of new transit service intended to reduce congestion and CO emissions.	Father Rahm	Glory Road	2020	\$1,000,000	\$1,000,000	\$0	\$0	\$1,000,000	Sun Metro-Transit	2020
0924-06-541	T093X	Montana RTS 3rd year service operating assistance	3rd year of Montana BRT-RTS operations.	Five Points Terminal - 2830 Montana	Far East Terminal - R.C. Poe - Edgemere	2030	\$4,423,490	\$4,423,490	\$0	\$0	\$4,423,490	Sun Metro-Transit	2024
0924-06-551	T091X-2	Alameda RTS Operating Assistance YR 2 - 2020	2nd Year of Alameda BRT-RTS operations.	Downtown Terminal - Santa Fe and 4th	Mission Valley Terminal - Alameda and Zaragoza	2020	\$1,000,000	\$1,000,000	\$0	\$0	\$1,000,000	Sun Metro-Transit	2020
0924-06-540	T065X-2	Dyer RTS Operating Assistance Year 2 - 2020	2nd Year of Dyer BRT-RTS operations.	Downtown Terminal - Santa Fe and 4th	Northgate Terminal - Dyer at Wren	2020	\$1,000,000	\$1,000,000	\$0	\$0	\$1,000,000	Sun Metro-Transit	2020
0924-06-574	T092X	Montana RTS 1st year Operating Assistance	1st year of Montana RTS operations	Downtown terminal - Santa Fe	Far East Terminal - RC Poe & Edgemere	2030	\$1,917,592	\$1,917,592	\$0	\$0	\$1,917,592	Sun Metro-Transit	2022
0924-06-573	T095X	Dyer RTS 3rd year Operating Assistance	3rd year of Dyer RTS operations	Downtown terminal - Santa Fe	Northeast Terminal - Dyer @ Diana	2030	\$1,314,714	\$1,538,029	\$0	\$0	\$1,538,029	Sun Metro-Transit	2021
0924-06-572	T096X	Alameda RTS 3rd year Operating Assistance	3rd year of Alameda RTS operations	Downtown terminal - Santa Fe	Mission Valley Terminal - Alameda @ Zaragoza	2030	\$1,956,255	\$2,288,542	\$0	\$0	\$2,288,542	Sun Metro-Transit	2021
	T081X-1	Far East Connector (Phase I)	Zaragoza, Alameda, Montana Connection (Bus and Roadway Improvements); build park and ride lot @ Zaragoza @ Pellicano or Vista Del Sol for connectivity to R.C. Poe terminal and Loop 375 plus provide express service to terminals and Zaragoza POE.	Montana	Zaragoza POE	2030	\$4,184,601	\$5,091,207	\$0	\$356,384	\$5,447,591	Sun Metro-Transit	2025
	T081X-2	Far East Connector (Phase II)	Improvements); build park and ride lot @ Zaragoza @ Pellicano or Vista Del Sol for connectivity to R.C. Poe terminal and Loop 375 plus provide	Montana	Zaragoza POE	2030	\$1,944,174	\$2,460,000	\$0	\$0	\$2,460,000	Sun Metro-Transit	2026
0924-06-610	T106	Park and Ride Far West	Create a Park and Ride site in Far West El Paso in the area of I-10 and Transmountain	Loop 375 Westside	Desert Boulevard	2030	\$3,011,562	\$3,011,562	\$0	\$268,614	\$3,280,176	Sun Metro-Transit	2024
0924-06-575	T097X	Montana RTS 2nd year Operating Assistance	2nd year of Montana RTS operations	Downtown terminal - Santa Fe	Far East Terminal - RC Poe & Edgemere	2030	\$1,300,000	\$1,300,000	\$0	\$0	\$1,300,000	Sun Metro-Transit	2023

Plan-Wide Projects Or "All" Years Projects (Yoe Equals The Approximate Cost Per Year Of Each Project)

	B001X	Bridge Replacement/ Rehabilitation	Replace Or Rehabilitate Bridges	El Paso County- On And Off State System		ALL	\$51,300,000	\$1,832,143	\$89,775	\$0	\$1,921,918	TXDOT	STRUCTS-ALL
	R008X	Preventive Maintenance & Rehabilitation Txdot (On State)	For Major Reconstruction But Also Includes Signs, Striping, Pavement Markings, And Signals	Texas State Highway System		ALL	\$670,630,000	\$23,951,071	\$1,173,603	\$0	\$25,124,674	TXDOT	PM&R-ALL
	M028B	Safety Projects	Safety Lighting, Signals, Intersections, Etc.	Eputs Area		ALL	\$18,092,538	\$646,162	\$31,662	\$0	\$677,824	TXDOT	SAFE-ALL

**Destino 2045 MTP Project List
TX Transit (FTA and Local funds)**

CSJ	Project ID	Project Name	Project Description	From	To	Network	Current Const. Cost / 2017-2045 Cost	Est. Construction Cost / YOE Cost (Includes Inflation)	Est. PE Cost (Includes Inflation)	Est. ROW Cost (Includes Inflation)	Total Project Cost/YOE (Includes Inflation)	Sponsor	YOE (FY)
	T011-14	FTA 5310 EPMPPO Program Administration FFY 2018 Funds	FTA 5310 Enhanced Mobility for Seniors and Individuals with Disabilities Program for EPMPPO Program Administration FFY 2018 Funds for use in FY 2019.	N/A			\$65,591	\$65,591	\$0	\$0	\$65,591	EPMPPO	2019
	T013B-2	Design & Construction for Juarez & El Paso International Pedestrian crossing.	Planning and PE specifications and construction of an International crossing service to provide most efficient and productive methodology to move pedestrians through downtown bridges and connect to transit service.	Stanton POE	Santa Fe POE		\$104,159,043	\$142,548,843	\$6,984,893	\$9,978,419	\$159,512,155	SUN METRO-TRANSIT	2026
	T304	Design and Construction for Transit Center for Intercity and International Transit	Design and Construction for a site for all local private and public transit services.	Downtown Area	Downtown Area		\$27,527,113	\$37,672,755	\$1,845,965	\$2,637,093	\$42,155,812	SUN METRO-TRANSIT	2026
	T305-CAP-2	Design and Construction for Streetcar Phase II - Service to MCA	Design and Construction planning, specifications & construction for extending streetcar route to MCA, Texas Tech, Foster School area.	Downtown Terminal - Santa Fe	Alameda at Colfax		\$111,884,394	\$147,232,230	\$7,214,379	\$0	\$154,446,609	SUN METRO-TRANSIT	2025
	T011-17	FTA Section 5310 El Paso Urbanized Area Grant - Project Amistad dba Amistad	Funding for the purchase of four ADA-compliant vehicles and operational funding for 5310 program	El Paso County	El Paso County		\$590,321	\$590,321	\$0	\$0	\$590,321	Project Amistad	2019
	T011-18	FTA Section 5310 El Paso Urbanized Area Grant - Project Amistad dba Amistad	Funding for the purchase of four ADA-compliant vehicles and operational funding for 5310 program	El Paso County	El Paso County		\$609,951	\$609,951	\$0	\$0	\$609,951	Project Amistad	2020
	T011-19	FTA 5310 EPMPPO Program Administration FFY 2019 Funds	FTA 5310 Enhanced Mobility for Seniors and Individuals with Disabilities Program for EPMPPO Program Administration FFY 2019 Funds for use in FY 2020.	N/A			\$67,772	\$67,772	\$0	\$0	\$67,772	EPMPPO	2020
0374-02-089	T017D	Montana Corridor Rapid Transit System (RTS)	14 60' Articulated buses and construction; i.e. shelters, communication systems, guideway elements and sitework for BRT/RTS Montana corridor transit system connecting Far East El Paso to Downtown via the Cielo Vista and Five Points terminals. The Montana Avenue Corridor is a mix of residential, institutional, commercial, and light industrial areas. The project corridor includes three major segments: Downtown El Paso via Montana Avenue to the Five Points Transfer Center; Five Points Transfer Center to the El Paso International Airport, including the Eastside (Cielo Vista) terminal and finally the new Far East Transfer Center.	Five Points Terminal - Montana Street	Proposed Far East Terminal - R.C. Poe and Edgemere		\$44,791,000	\$44,791,000	\$3,880,000	\$530,000	\$49,201,000	Sun Metro	2020

Plan-Wide Projects Or "All" Years Projects

	T3H (FORMER T021X)	ADA Paratransit Service (5307)	Provide ADA Para Transit Service	N/A		ALL	\$51,409,537	\$1,836,055	\$0	\$0	\$1,836,055	SUN METRO-TRANSIT	ALL-5307
	T2A	JARC (5307)	Job Access Reverse Commute			ALL	\$2,800,000	\$200,000	\$0	\$0	\$200,000	SUN METRO-TRANSIT	Odd yrs.-5307
	T3C	Capital Maintenance (5307)	Capital Maintenance			ALL	\$416,708,832	\$14,882,458	\$0	\$0	\$14,882,458	SUN METRO-TRANSIT	ALL-5307
	T3F	Support Vehicles/Bus Rehab (5339)	Support Vehicles/Bus Rehab			ALL	\$16,629,624	\$593,915	\$0	\$0	\$593,915	SUN METRO-TRANSIT	ALL-5339
	T3D	Curb Cuts / Ada Improvements (5339)	Curb Cuts / Ada Improvements			ALL	\$13,250,000	\$946,429	\$0	\$0	\$946,429	SUN METRO-TRANSIT	Even Yrs.-5339
	T011	Seniors and People with Disabilities (5310)	Transportation for the elderly and disabled provided by a local nonprofit organization	County Of El Paso		ALL	\$17,550,000	\$4,387,500	\$0	\$0	\$4,387,500	TXDOT-TRANSIT	ALL-5310
	T3I	FTA 5339 Formula Funding for Buses and Bus Facilities	For the purchase of buses and facility enhancements including equipment such as ADP hardware/software and security related needs. Also, ticket vending machines and sales related software. Capitalized maintenance incl. rebuilds and bus shelters and amenities.	Citywide		ALL	\$50,759,249	\$1,812,830	\$0	\$0	\$1,812,830	SUN METRO-TRANSIT	ALL-5339
	T3B	Other Capital Program Items (5339)	Computers Hardware & Software			ALL	\$5,271,134	\$188,255	\$0	\$0	\$188,255	SUN METRO-TRANSIT	ALL-5339
	T3A	Planning (5307)	Short Range Planning			ALL	\$31,633,537	\$1,129,769	\$0	\$0	\$1,129,769	SUN METRO-TRANSIT	ALL-5307
	T3E	Security Equipment (5307)	Security Equipment			ALL	\$6,311,615	\$225,415	\$0	\$0	\$225,415	SUN METRO-TRANSIT	ALL-5307
	T3G (FORMER T007)	Transit Enhancements (5339)	Enhancements For Buses/ Transit Facilities	El Paso (Sun Metro)		ALL	\$14,000,000	\$1,000,000	\$0	\$0	\$1,000,000	SUN METRO-TRANSIT	Odd Yrs.-5339

FHWA Funding Transfers To FTA 5307 Funding (Projects Listed Below Are Informational Only, Funding Allocations Are Accounted In Fhwa Highway And Roadway Project List And Financials)

0924-06-550	T064X	Alameda RTS Operating Assistance YR1 - 2019	1st Year of Alameda BRT-RTS operations.	Downtown Terminal - Santa Fe and Fourth	Mission Valley Terminal - Alameda and Zaragoza		\$1,000,000	\$1,000,000	\$0	\$0	\$1,000,000	Sun Metro-Transit	2019
0924-06-537	T065X	Dyer RTS Operating Assistance YR1 - 2019	1st Year of Dyer BRT-RTS operations.	Downtown Terminal - Santa Fe and Fourth	Northgate Terminal - Dyer at Wren		\$1,000,000	\$1,000,000	\$0	\$0	\$1,000,000	Sun Metro-Transit	2019
0924-06-588	T065X-A	Dyer RTS Operating Assistance YR1 - 2019 YE Balance Funding	1st Year of Dyer BRT-RTS operations.	Downtown Terminal - Santa Fe and Fourth	Northgate Terminal - Dyer at Wren		\$1,928,352	\$1,928,352	\$0	\$0	\$1,928,352	Sun Metro-Transit	2019
0924-06-552	T108X-2	El Paso Streetcar System 2nd Year Operating Assistance	Operating Assistance for second year of new transit service intended to reduce congestion and CO emissions.	Father Rahm	Glory Road		\$1,000,000	\$1,000,000	\$0	\$0	\$1,000,000	Sun Metro-Transit	2019

**Destino 2045 MTP Project List
TX Transit (FTA and Local funds)**

CSJ	Project ID	Project Name	Project Description	From	To	Network	Current Const. Cost / 2017-2045 Cost	Est. Construction Cost / YOE Cost (Includes Inflation)	Est. PE Cost (Includes Inflation)	Est. ROW Cost (Includes Inflation)	Total Project Cost/YOE (Includes Inflation)	Sponsor	YOE (FY)
0924-06-538	BP006	Procurement of 3 Buses	Sun Metro seeks to procure three buses in anticipation of increased frequency and ridership demand for services around the Montecillo Development and the MCA-TTU-UMC areas.	Santa Fe Downtown terminal (2 buses) MCA-TTU-UMC areas (1 bus)	Sunland Par-Shadow Mountain (2 buses) Flower Streets (1 bus)	2020	\$1,800,000	\$1,800,000	\$0	\$0	\$1,800,000	Sun Metro-Transit	2019
0924-06-553	T108X-3	El Paso Streetcar System 3rd Year Operating Assistance	Operating Assistance for 3rd year of new transit service intended to reduce congestion and CO emissions.	Father Rahm	Glory Road	2020	\$1,000,000	\$1,000,000	\$0	\$0	\$1,000,000	Sun Metro-Transit	2020
0924-06-541	T093X	Montana RTS 3rd year service operating assistance	3rd year of Montana BRT-RTS operations.	Five Points Terminal - 2830 Montana	Far East Terminal - R.C. Poe - Edgemere	2030	\$2,000,000	\$2,000,000	\$0	\$0	\$2,000,000	Sun Metro-Transit	2024
0924-06-551	T091X-2	Alameda RTS Operating Assistance YR 2 - 2020	2nd Year of Alameda BRT-RTS operations.	Downtown Terminal - Santa Fe and 4th	Mission Valley Terminal - Alameda and Zaragoza	2020	\$1,000,000	\$1,000,000	\$0	\$0	\$1,000,000	Sun Metro-Transit	2020
0924-06-540	T065X-2	Dyer RTS Operating Assistance Year 2 - 2020	2nd Year of Dyer BRT-RTS operations.	Downtown Terminal - Santa Fe and 4th	Northgate Terminal - Dyer at Wren	2020	\$1,000,000	\$1,000,000	\$0	\$0	\$1,000,000	Sun Metro-Transit	2020
0924-06-574	T092X	Montana RTS 1st year Operating Assistance	1st year of Montana RTS operations	Downtown terminal - Santa Fe	Far East Terminal - RC Poe & Edgemere	2030	\$2,216,653	\$2,216,653	\$0	\$0	\$2,216,653	Sun Metro-Transit	2022
0924-06-573	T095X	Dyer RTS 3rd year Operating Assistance	3rd year of Dyer RTS operations	Downtown terminal - Santa Fe	Northeast Terminal - Dyer @ Diana	2030	\$1,314,714	\$1,538,029	\$0	\$0	\$1,538,029	Sun Metro-Transit	2021
0924-06-572	T096X	Alameda RTS 3rd year Operating Assistance	3rd year of Alameda RTS operations	Downtown terminal - Santa Fe	Mission Valley Terminal - Alameda @ Zaragoza	2030	\$1,956,255	\$2,288,542	\$0	\$0	\$2,288,542	Sun Metro-Transit	2021
0	T081X-1	Far East Connector (Phase I)	Zaragoza, Alameda, Montana Connection (Bus and Roadway Improvements); build park and ride lot @ Zaragoza @ Pellicano or Vista Del Sol for connectivity to R.C. Poe terminal and Loop 375 plus provide express service to terminals and Zaragoza POE.	Montana	Zaragoza POE	2030	\$4,184,601	\$5,091,207	\$0	\$356,384	\$5,447,591	Sun Metro-Transit	2025
0	T081X-2	Far East Connector (Phase II)	Zaragoza, Alameda, Montana Connection (Bus and Roadway Improvements); build park and ride lot @ Zaragoza @ Pellicano or Vista Del Sol for connectivity to R.C. Poe terminal and Loop 375 plus provide express service to terminals and Zaragoza POE.	Montana	Zaragoza POE	2030	\$1,944,174	\$2,460,000	\$0	\$0	\$2,460,000	Sun Metro-Transit	2026
0924-06-610	T106	Park and Ride Far West	Create a Park and Ride site in Far West El Paso in the area of I-10 and Transmountain	Loop 375 Westside	Desert Boulevard	2030	\$3,011,562	\$3,011,562	\$0	\$268,614	\$3,280,176	Sun Metro-Transit	2024
0924-06-575	T097X	Montana RTS 2nd year Operating Assistance	2nd year of Montana RTS operations	Downtown terminal - Santa Fe	Far East Terminal - RC Poe & Edgemere	2030	\$1,300,000	\$1,300,000	\$0	\$0	\$1,300,000	Sun Metro-Transit	2023

**Destino 2045 MTP Project List
New Mexico Highway and Roadway Projects (NM funds)**

CN	Project ID	Project Name	Project Description	From	To	Network	Current Const. Cost / 2019-2045 Cost	Est. Construction Cost / YOE Cost (Includes Inflation)	Est. PE Cost (Includes Inflation)	Est. ROW Cost (Includes Inflation)	Total Project Cost/YOE (Includes Inflation)	Sponsor	YOE (FY)
E100221	M638X-B	4th Street Roadway Improvements	Sidewalk, paved asphalt bike lanes, and ADA wheelchair ramps and drivepads	Approximately 140 Linear feet (0.03 mi) south of Livesay Street	NM 404 (Ohara Road)	2020	\$2,256,165	\$2,256,165	\$0	\$0	\$2,256,165	Anthony, NM	2019
E100290	E602B	Lisa Drive Connectivity Project (LDCP)	Combined multi-purpose path and stormwater management facility	Lisa Drive at McCombs Rd., project located North and parallel to Lisa Dr.	Lisa Drive at Lisa Retention Pond, project located North and parallel to Lisa Dr.	2020	\$65,172	\$65,172	\$0	\$0	\$65,172	Dona Ana County	2019
E100200	M644X	NM 404 Phase C/D and Phase II FY2019 Funding	Phase C/D (environmental and preliminary design) and Phase II (final design) for the NM 404 projects to include: NM 404/I-10 Bridge Replacement, Super 2 project, and 4 lane project	I-10/NM 404 Intersection	NM 404/NM 213 Intersection	2020	\$0	\$0	\$1,480,000	\$0	\$1,480,000	NMDOT	2019
E100202	B607X	NM 404/I-10 Bridge Replacement	Bridge Replacement at NM 404/ I-10 Interchange	At I-10 & NM 404 Interchange		2030	\$18,000,000	\$18,000,000	\$0	\$0	\$18,000,000	NMDOT	2021
E100291	E603A	Lisa Drive Connectivity Project (LDCP) - PE and Construction	Combined multi-purpose path and environmental control feature which provides increased ADA accessibility adjacent to Lisa Drive.	Lisa Drive/Lisa Pond	Lisa Drive/Regala Way	2020	\$49,211	\$49,211	\$50,420	\$0	\$99,631	Dona Ana County	2020
E100291	E603B	Lisa Drive Connectivity Project (LDCP) - Construction Phase I	Combined multi-purpose path and environmental control feature which provides increased ADA accessibility adjacent to Lisa Drive.	Lisa Drive/Lisa Pond Intersection	Lisa Drive/Regala Way	2030	\$49,942	\$49,942	\$0	\$0	\$49,942	Dona Ana County	2021
E100292	E603C	Lisa Drive Connectivity Project (LDCP) - Construction Phase II	Combined multi-purpose path and environmental control feature which provides increased ADA accessibility adjacent to Lisa Drive.	Lisa Drive/Lisa Pond Intersection	Lisa Drive/Regala Way	2030	\$49,942	\$49,942	\$0	\$0	\$49,942	Dona Ana County	2022
E100320	M642X-PE	NM 213 Widening Preliminary Engineering Phase	Alignment Study and Preliminary Engineering Phase for NM 213	Intersection with NM 404 (MP 0)	TX State Line (MP 3)	2020	\$0	\$0	\$1,200,000	\$0	\$1,200,000	NMDOT	2020
E100203	P620X-CAP	NM 404 Widening Project	Widen NM 404 from I-10 to NM 213 from 2 lanes to 4 lanes	NM 404: I-10	NM 404: NM 213 Intersection	2030	\$26,500,000	\$26,500,000	\$0	\$0	\$26,500,000	NMDOT	2022
E100321	P621X-CAP	NM 213 Widening Project	Widen NM 213 from 2 to 4 lanes	Intersection with NM 404 (MP 0)	TX State Line (MP 3)	2030	\$9,000,000	\$9,552,272	\$0	\$0	\$9,552,272	NMDOT	2023
E100330	E607X	Airport Road Sidewalk Project	A sidewalk parallel to Airport road, along the south and west boundary of the roadway, within existing road ROW. This sidewalk project connects existing driveways, ADA ramps and other existing infrastructure improvements along Airport Road. This project will acquire two hybrid-electric buses to support the operation of transit service that currently operates as Sun Metro	Airport Road at Industrial Avenue Intersection, south of roadway	Airport Road at Earhardt Drive, southwest of roadway	2030	\$342,026	\$342,026	\$0	\$0	\$342,026	NMDOT	2020
E100430	T610X	South Central Regional Transit District (SCRTD) Bus Acquisition	Route 83.	Citywide	Citywide	2020	\$1,370,000	\$1,370,000	\$0	\$0	\$1,370,000	SCRTD	2020

EL PASO MPO
Destino 2045 Metropolitan Transportation Plan (MTP)
2019 - 2045 Financial Summary

Monday, September 28, 2020

Revenue by Categories	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031-2040	2041-2045	TOTAL
NEW MEXICO FUNDING CATEGORIES															
STPL (Surface Transportation Program - Large Urban)	\$ 812,000	\$ 1,471,210	\$ 1,004,654	\$ 1,004,654	\$ 1,004,654	\$ 1,004,654	\$ 1,004,654	\$ 1,004,654	\$ 1,004,654	\$ 1,004,654	\$ 1,004,654	\$ 1,004,654	\$ 10,046,540	\$ 5,023,270	\$ 27,399,560
STPF (Surface Transportation Program - Flex)	\$ -	\$ -	\$ 905,990	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,905,990
TAPL (Transportation Alternatives Program - Large Urban)	\$ 54,018	\$ 99,631	\$ 42,619	\$ 42,619	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 238,887
CBIP (Coordinated Border Infrastructure Program)	\$ -	\$ -	\$ 127,908	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 127,908
CMAQ (CMAQ -Mandatory)	\$ 1,444,165	\$ -	\$ 3,094,280	\$ 1,780,418	\$ 1,780,418	\$ 1,780,418	\$ 1,780,418	\$ 1,780,418	\$ 1,780,418	\$ 1,780,418	\$ 1,780,418	\$ 1,780,418	\$ 17,804,180	\$ 8,902,090	\$ 47,268,477
NHPP - National Highway Performance Program	\$ -	\$ -	\$ 3,531,412	\$ 10,481,139	\$ 6,283,584	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,296,135
NHPP-F - National Highway Performance Program Freight	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,800,000	\$ -	\$ -	\$ -	\$ 12,800,000
NM State Funds	\$ -	\$ -	\$ 6,085,921	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,085,921
SBSI (Border)(Borderland Expressway)	\$ 1,480,000	\$ -	\$ 3,009,019	\$ 2,700,000	\$ 2,716,416	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,905,435
Dona Ana County	\$ 11,154	\$ -	\$ 7,323	\$ 7,323	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,800
Other	\$ -	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000
Other State Fund	\$ -	\$ -	\$ -	\$ 11,914,079	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,914,079
Total NM Roadway Revenues	\$ 3,801,337	\$ 3,011,657	\$ 18,049,942	\$ 31,171,048	\$ 12,025,888	\$ 2,785,072	\$ 2,785,072	\$ 2,785,072	\$ 2,785,072	\$ 2,785,072	\$ 15,585,072	\$ 2,785,072	\$ 27,850,720	\$ 13,925,360	\$ 142,131,456
Total CONSTRUCTION Cost	\$ 3,801,337	\$ 3,011,657	\$ 18,049,942	\$ 29,390,630	\$ 9,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 63,253,566
2019-2029 Construction Cost INCLUDES PE Cost															
PE Cost	\$ 1,480,000	\$ 1,250,420	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,730,420
2019-2029 Construction Cost INCLUDES ROW Cost															
Total Project Costs	\$ 3,801,337	\$ 3,011,657	\$ 18,049,942	\$ 29,390,630	\$ 9,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 63,253,566
Total NM Balance with Carry Over	\$ -	\$ -	\$ -	\$ 1,780,418	\$ 4,806,306	\$ 7,591,378	\$ 10,376,450	\$ 13,161,522	\$ 15,946,594	\$ 18,731,666	\$ 34,316,738	\$ 37,101,810	\$ 64,952,530	\$ -	\$ 78,877,890

TOTAL Horizon 2045 MTP FINANCIALS															
TOTAL MTP REVENUE	\$ 283,919,976	\$ 183,312,045	\$ 378,583,730	\$ 136,460,229	\$ 328,288,018	\$ 125,135,783	\$ 433,471,732	\$ 459,610,200	\$ 111,132,473	\$ 367,633,016	\$ 624,289,060	\$ 464,155,130	\$ 1,753,073,870	\$ 848,723,804	\$ 6,498,755,523
TOTAL 2019-2029 TIP NON-Carry Over Revenue	\$ 3,406,112	\$ 7,736,490	\$ 5,844,000	\$ 4,213,220	\$ 2,440,956	\$ 14,320,000	\$ 48,580,001	\$ 34,090,000	\$ 25,050,000	\$ 76,158,188	\$ 79,274,804	\$ -	\$ -	\$ -	\$ 301,113,771
Total MTP Revenue INCLUDES 2019-2029 TIP Non-Carry over Category Revenues															
TOTAL MTP Construction Cost	\$ 219,768,599	\$ 155,641,477	\$ 353,729,364	\$ 123,476,847	\$ 319,065,479	\$ 103,674,755	\$ 224,535,895	\$ 392,384,573	\$ 81,815,723	\$ 67,505,302	\$ 528,152,595	\$ 274,062,281	\$ 2,142,917,169	\$ 694,794,886	\$ 5,681,524,947
TOTAL MTP PE Cost	\$ 20,645,264	\$ 19,404,078	\$ 12,350,823	\$ 6,989,744	\$ 3,755,695	\$ 2,087,342	\$ 7,214,379	\$ 17,735,043	\$ 1,481,678	\$ 4,115,717	\$ 23,245,942	\$ 12,294,861	\$ 142,262,806	\$ 44,032,927	\$ 317,616,300
TOTAL MTP ROW Cost	\$ 40,100,000	\$ 530,000	\$ 7,626,000	\$ -	\$ -	\$ 2,268,614	\$ 356,384	\$ 12,615,512	\$ -	\$ -	\$ -	\$ 1,046,176	\$ 2,661,469	\$ 3,586,015	\$ 70,790,170
TOTAL PROJECT COST (HWY, TRANSIT, NM)	\$ 280,513,864	\$ 175,575,555	\$ 372,739,730	\$ 130,466,591	\$ 322,821,174	\$ 108,030,711	\$ 232,106,659	\$ 422,735,128	\$ 83,297,401	\$ 71,621,019	\$ 551,398,537	\$ 287,403,319	\$ 2,287,841,444	\$ 742,413,828	\$ 6,069,931,417
TOTAL MTP Balance (includes carry over)	\$ 3,406,112	\$ 7,736,490	\$ 5,844,000	\$ 5,993,638	\$ 7,247,262	\$ 21,911,378	\$ 208,956,451	\$ 197,251,522	\$ 190,996,594	\$ 461,958,591	\$ 458,690,925	\$ 556,167,933	\$ 21,400,359	\$ 127,710,334	\$ 428,824,105



Financial Planning Assumptions for the Amended Destino 2045 MTP

The Amended Destino 2045 MTP is a 27-year plan with approximately \$6B of multimodal projects and programs included in fiscal years (FY) 2019-2045. The EPMPO study area stretches across the state line between Texas and New Mexico, including El Paso County in Texas, Southern Dona Ana County, and a portion of Otero County in New Mexico. Facilitating the movement of people and goods throughout the region over this period of time presents numerous challenges from a financial standpoint. Projects and programs in the Texas portion of the EPMPO study area are approximately \$5B. Transit projects come to approximately \$983M. New Mexico projects total approximately \$60M.

There is a mix of FHWA, FTA, state (Texas and New Mexico) and local revenues used to cover associated project costs in the Amended Destino 2045 MTP. It should be noted that all federal funds herein have been calculated to include the required local match, usually 20%. The Amended Destino 2045 MTP includes total project cost, comprised of construction, Right-of-Way (ROW), and preliminary engineering costs. The first ten years of the Amended Destino 2045 MTP, FY 2019-2028, are fiscally constrained by funding category, followed by fiscal constraint in FY 2029 and 2030. Banding together multiple years was applied for financial constraint in the outer years of the plan from 2031-2040 and 2041-2045. The EPMPO coordinated with Texas Department of Transportation (TxDOT) and New Mexico Department of Transportation (NMDOT) to determine acceptable inflation rates for projects within their respective states. This resulted in compounded inflation rates of 4% in Texas, and 1.5% in New Mexico.

The EPMPO used TxDOT's 10-year funding program, the Unified Transportation Program (UTP) to develop the funding assumptions. The original Destino 2045 MTP used the funding assumptions from TxDOT's 2018 UTP, which allocated \$602,000,000 to the El Paso District. Since that time the Destino 2045 UTP incorporated the 2019 UTP financial assumptions, which allocated \$625,598,766 to the El Paso District, and now the Amended Destino 2045 MTP is using financial assumptions from the 2020 UTP, which allocated \$848,820,000 to the El Paso District and that includes \$193,500,000 of Category 12 for the Artcraft Rd. project from the New Mexico state line to I- 10 in Texas.

The EPMPO administers three FHWA funding categories, Congestion Mitigation and Air Quality (CMAQ), Surface Transportation Program in urbanized areas for metropolitan mobility projects and the Transportation Alternative Set-Aside (TASA), which incorporates safe routes to schools and the recreation trails program. As with the original Destino 2045 MTP, after incorporating the 10-years of UTP, the EPMPO developed the following assumptions for the Amended Destino 2045 MTP. CMAQ and STP-MM programs grow at 1.01% through the horizon year of 2045. Texas CMAQ revenue of \$281M in the Amended Destino 2045 MTP is down 19% from the original Destino 2045 MTP, and total STP-MM revenue of \$623M in the Amended Destino 2045 MTP is up 1.5% from the original Destino 2045 MTP. The reduction of CMAQ funding can be attributed to the fact that San Antonio is now a nonattainment MPO in Texas and is eligible to receive CMAQ funding, which has impacted the funding distribution to the other Texas nonattainment MPOs. New Mexico CMAQ and STP-Large Urban revenue expectations were coordinated with NMDOT, and at the direction of NMDOT there was no growth rate applied to these programs in the Amended Destino 2045 MTP. The total New Mexico CMAQ revenue is \$47M in the Amended Destino 2045 MTP is up 24% from the original

Destino 2045 MTP and total STP-Large Urban revenue is \$27M in the Amended Destino 2045 MTP is up 23% from the original Destino 2045 MTP. The total Texas TASA program is pretty consistent between the original Destino 2045 MTP and the Amended Destino 2045 MTP, with a slight increase from \$38M to \$39M. NMDOT provides available TAP funds as they become available for planning and programming purposes. Federal funding administered by the EPMPO in the Amended Destino 2045 is in line with historical trends.

TxDOT's 2020 UTP was used to account for financial constraint of Texas highway projects and programs within the Amended Destino 2045 MTP from 2020-2029 (2019 funding assumptions came from the 2019 UTP) through traditional federal revenues from Categories 1-12. These funding categories continue throughout the Amended Destino 2045 MTP. Category 1 is for Preventative Maintenance and Rehabilitation, Category 6 is for Structure Replacement and Rehabilitation, and Category 8 is for Safety Projects. Local contributions (which is beyond required local match to federal funds) is captured under Category 3 for projects in the Texas portion of the EPMPO study area.

From FY 2021-2024, which is in line the Destino 2021-2024 TIP, approximately \$15M of CMAQ funding is being transferred from FHWA to FTA funding for Sun Metro transit projects. Sun Metro will continue to receive traditional FTA 5307 formula funds for programs such as capital maintenance, planning and ADA Para Transit for approximately \$509M, and for Transit Enhancement type projects covered by FTA 5339 funds for nearly \$100M, which includes approximately \$51M for buses and bus facilities. The FTA 5307 and 5339 funds are growing at a modest rate of just over 1% in the Amended Destino 2045 MTP. Three Sun Metro projects are programmed with the expectation of receiving FTA 5309 Very Small Starts funding. Historically, Sun Metro has received Very Small Starts funding when leveraged by local funding. Design and Construction for Streetcar Phase II - Service to from downtown to the Medical Center of the Americas (MCA), FY 2025, Design & Construction for Juarez & El Paso International Pedestrian Crossing, FY 2026, and Design and Construction for Transit Center for intercity and international transit, FY 2026, are all programmed at 50% Certificates of Obligation and 50% FTA 5309 Very Small Starts funding. The total project cost for the three projects is approximately \$332M.

The EPMPO is the designated recipient for the FTA 5310 program to meet the transportation needs of elderly persons and persons with disabilities where public mass transportation services are otherwise unavailable, insufficient or unequipped to handle their needs. Based on historical trends the EPMPO has estimated \$650,000 each year, 2019-2045, for a total of \$17, 550,000 in the Amended Destino 2045 MTP.

Aside from the traditional funding categories, TxDOT proposed additional revenues assumptions for the original Destino 2045 MTP and are carried over to the Amended Destino 2045 MTP to achieve financial constraint, which includes but is not limited to the outer years of the plan, 2030-2045: \$217M Clear Lanes Initiative (funds to address Texas' most congested choke points). \$438M bonding revenue for Borderland Expressway (AKA Northeast Parkway) in 2029. \$180M of El Paso-District allocation of Rider 11B Border Funding between 2025-2031. \$669M of Category 2 (Transportation Management Area Corridors) from 2028-2045. \$ 50M in Toll Revenue, in 2031, generated from the first 10 years of operation of the Border West Expressway. \$900M combined between two Texas funding sources - Proposition 1 (which allocates money from the rainy day fund to state highway fund for construction, maintenance and rehabilitation) and Proposition 7 funds (which supplies funding to the

State Highway Fund from sales and use tax and state motor vehicle tax to build, maintain and restore non-tolled public roads) was distributed throughout the plan between 2025 and 2045.

NMDOT proposed federal and state revenues at approximately \$80M through a combination of STP-Large Urban, STP-Flex, National Highway Performance Program (NHPP), National Highway Performance-Freight (NHPP-F) and Border State Infrastructure (SBSI) funds for the Bridge Replacement at NM 404/IH-10, in 2021, Construction of NM 404 Super 2 from IH-10 to NM 213, in 2023, Widening of NM 404 from IH-10 to NM 213 and Widening of NM 213 from NM 404 to Texas state line, in 2029.

Local government agencies within the EPMPO study area, including, but not limited to the City of El Paso, Sun Metro, and the County of El Paso have projects programmed in the Amended Destino 2045 MTP. Approximately \$575M of local multimodal projects are included with funding from federal and local resources.

On December 6, 2017 the Transportation Project Advisory Committee (TPAC) recommended the Original Destino 2045 MTP Project List and Financial Summary to the Transportation Policy Board (TPB) for approval on December 15, 2017. Public involvement for the Original Destino 2045 MTP, Destino 2019-2022 TIP and Transportation Conformity Report was scheduled March 9, 2018 – April 9, 2018. The TPB approved the original Destino documents on May 18, 2018. On March 4, 2020 the Transportation Project Advisory Committee (TPAC) recommended the Amended Destino 2045 MTP Project List and Financial Summary to the Transportation Policy Board (TPB) for approval on March 27, 2020. Public involvement for the Amended Destino 2045 MTP, Destino 2021-2024 TIP and Transportation Conformity Report was scheduled March 29, 2020 – April 28, 2020. The TPB approved the final Amended Destino documents on May 22, 2020.



El Paso Mobility Plan v.2019

Transportation Policy Board
Meeting December 13, 2019

Main Topics

- Why do we need a Strategic Plan?
- Regional Mobility Strategy (Phase 1)
- Decision Lens
 - Evaluation
 - Prioritization
- El Paso Mobility Plan v.2019
 - Projects
 - Target implementation process



El Paso MPO TPB Briefing

December 13, 2019

Regional Mobility Strategy (RMS)

RMS is

- A response to perceived lack of vision and cooperative leadership
- An assessment of the region's multimodal network
- A collective vision as determined by regional stakeholders

What is the purpose?	Why develop it?	How will it be used?
<ul style="list-style-type: none">✓ Understand the needs for future mobility and land development✓ Support regional mobility initiatives✓ Provide priorities for future transportation development, economics and policies✓ Provide a tool for decision makers	<ul style="list-style-type: none">✓ Consider transportation and urban design challenges✓ Include new partners with a stake in transportation planning and implementation✓ Promote safe, livable and sustainable multimodal infrastructure system	<ul style="list-style-type: none">✓ Deliver key information in developing multimodal mobility improvements✓ Identify opportunities for financing and funding a mobility vision✓ Inform process to develop implementation plans

RMS Approach

Reviewed existing studies

- More than 15 planning studies
- Observed commonalities and differences

Engaged regional stakeholders

- More than 20 listening sessions between Nov 2018 and Aug 2019
- Stakeholders numbered more than 70 individuals in Texas, New Mexico, and Chihuahua
- Listening sessions are ongoing – more to come

Analyzed regional transportation network, including;

- Mass transit
- Freight rail
- Bike and pedestrian
- International crossings

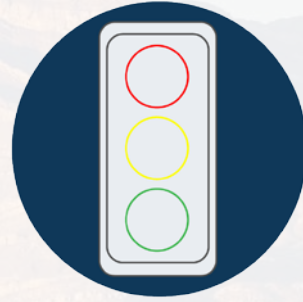
Draft Report



DRAFT FINAL REPORT
NOVEMBER 2019



Listening Sessions: What We Heard



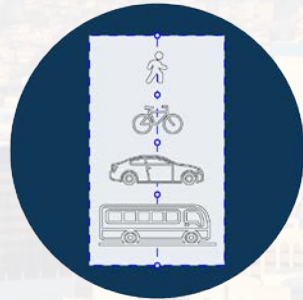
Traffic Flow &
Connectivity



Regional Growth &
Economic Development



Policies



Multimodal



Leadership



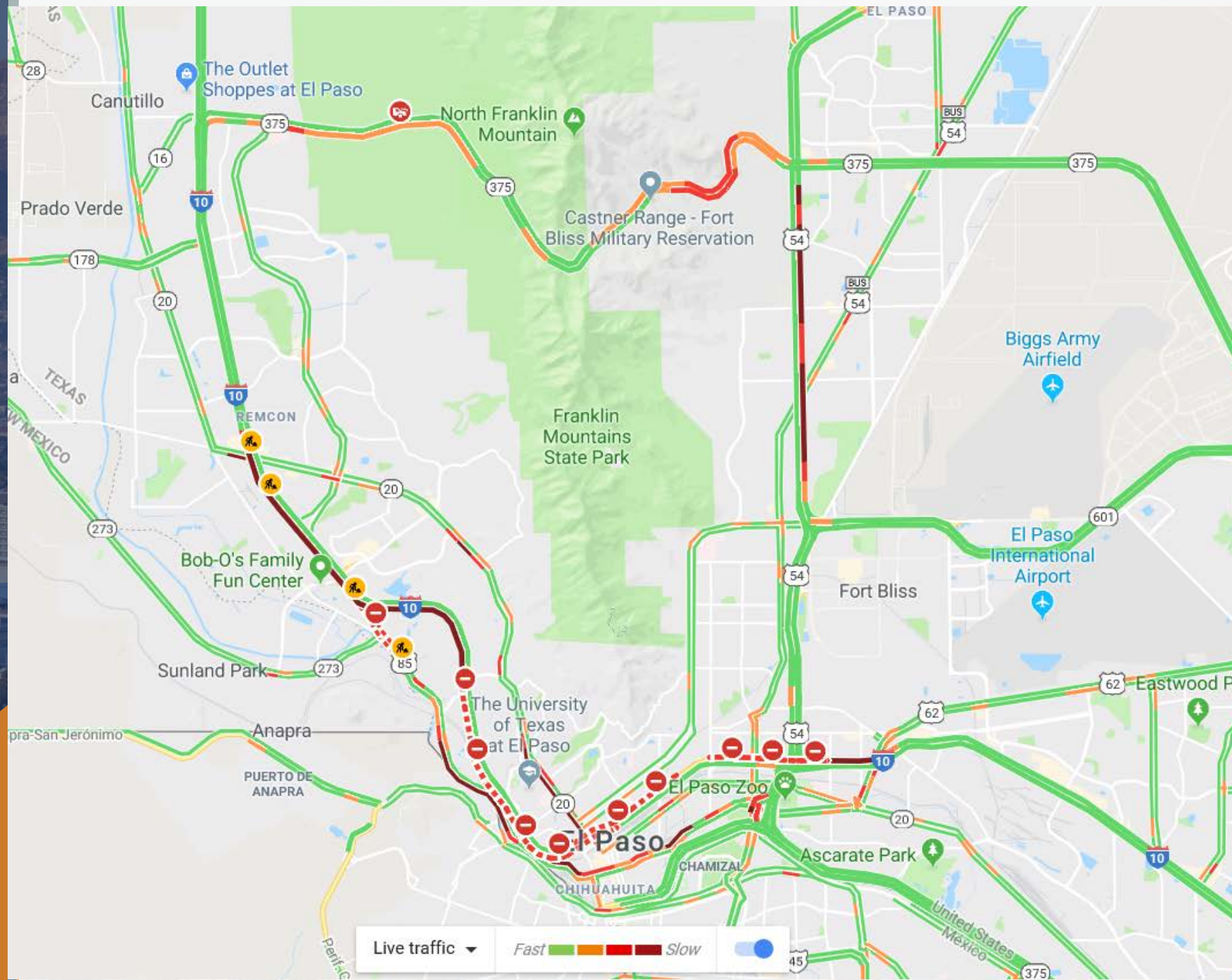
Technology



Funding

Roadway Findings

- *LOS analysis supported that several major corridors within the El Paso region are experiencing high levels of congestion.*
- *RMS recognizes that many short, mid and long-term efforts are underway.*



Transit Findings

Stakeholders stated that a seamless regional transit system is important. It will help:

- *Enhance the overall attractiveness of the transit system; and*
- *Contribute to the overall success of the area*



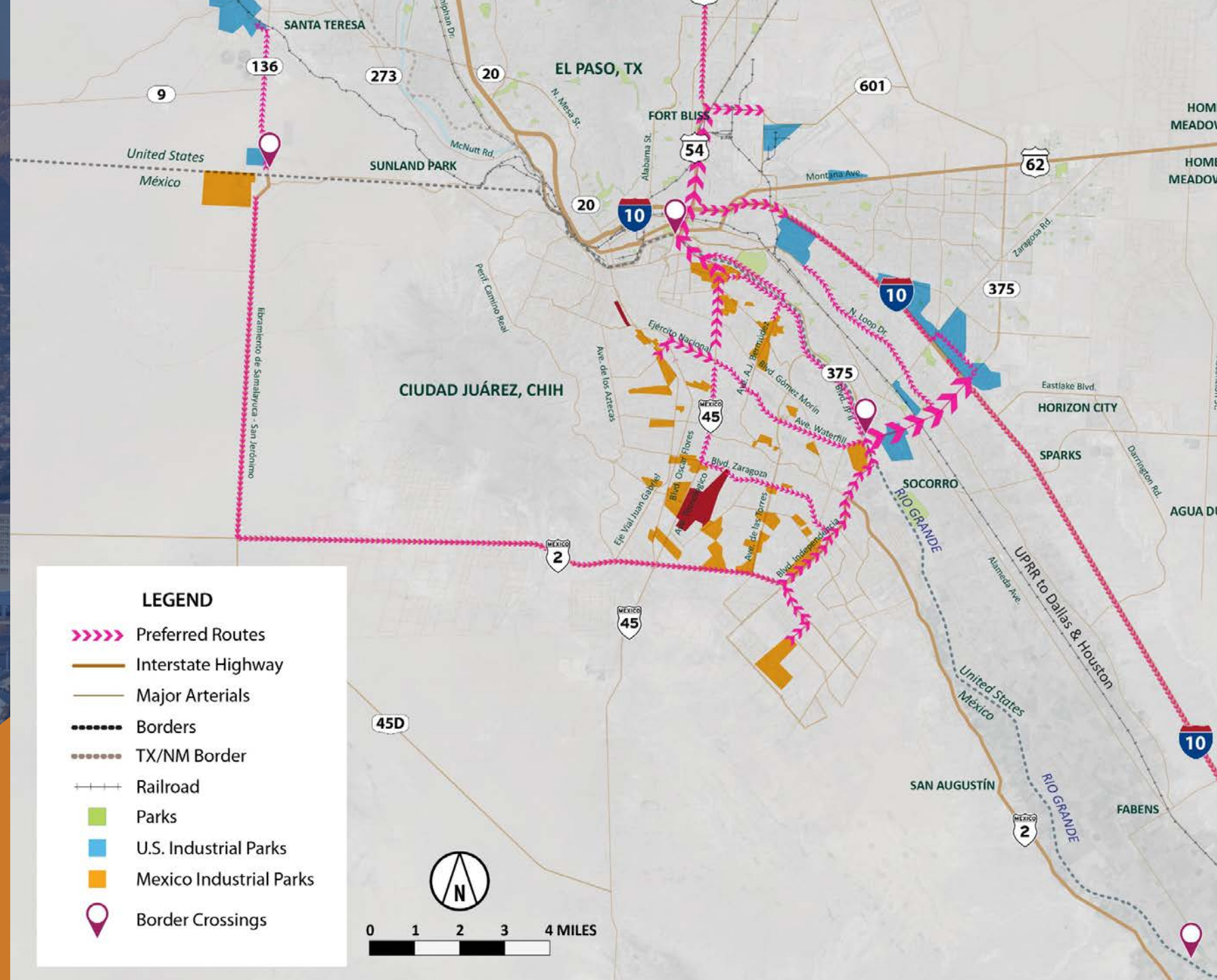
Bicycle & Pedestrian Findings

- *Connectivity*
- *Unified Plan*
- *Funding*
- *Rider Accommodations*



International Crossings Findings

- POEs in the El Paso MPO region are among the top 5 busiest in the U.S.
- BOTA and Ysleta-Zaragoza are the busiest El Paso crossings
- RMS is coordinating with BTMP and working to fully understand cross border movements



Summary

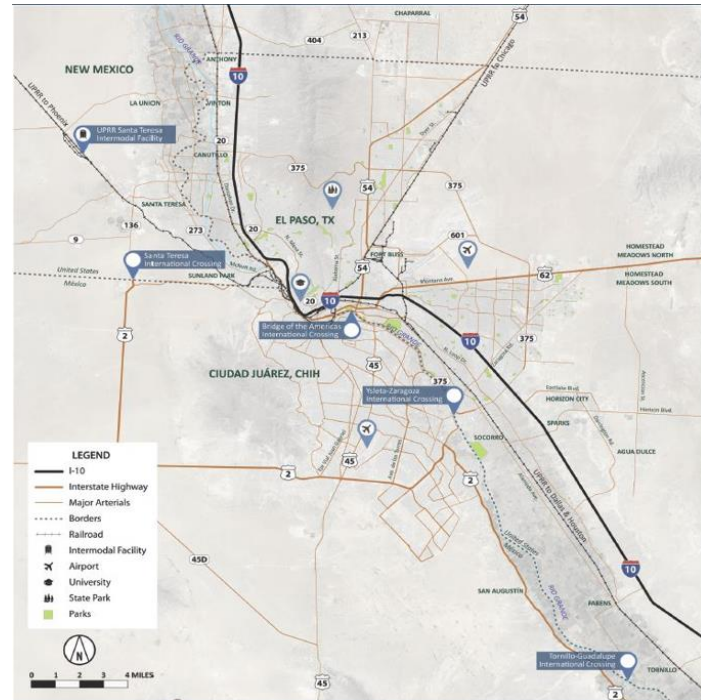
- *RMS listened to you and will continue to reach out to more stakeholders and conduct follow-ups with the initial 20+ stakeholders.*
- *RMS evaluated current conditions across various travel modes.*



RMS is a starting point for a continuous conversation.

Key features

- Multimodal
 - Highway
 - Transit
 - Bike/Pedestrian
 - Freight
- Multi-jurisdictional
 - MPO region
 - Cross-border impact
- Traditional & innovative funding and financing
 - Federal, State, local, P3
- Strongest regional **priorities**
- **Consensus** from all stakeholders
- Implementation target: 5 – 7 years



Main Inputs and Features

- Congestion Management Process (CMP)
 - Transit
 - Traffic Operations
 - Travel Demand Management
 - Added Capacity
- Regional Mobility Strategy (RMS)
 - 4 “Keystone” highway projects
 - Freight rail corridors: at-grade intersections
 - Transit: County’s Rural Regional Transit
- MPO partners priority projects
- Evaluation & prioritization process
- Project readiness and development schedule
- Match and **optimize** funding levels FY20 UTP
 - Moving 6 TxDOT projects to outer years based on regional priorities
 - New funding opportunities in Cats 2, 7, and 10 CBI
 - Accelerate Local Government projects worth **\$176M**



Schedule Milestones

- August 2019
 - MPO staff one-on-one meetings with implementing agencies
 - Initial ID of funding opportunities
 - TxDOT's FY2020 UTP approved
- September 2019
 - Finalize one-on-one meetings
 - Sept 9th: CMP ad-hoc committee, initial strategies
 - Sept 20th: Update to TPB
 - Sept 30th: MPO staff completes preliminary list of candidate projects
- October 2019
 - Oct 2nd: draft list to TPAC, MPO initiates internal evaluation process
 - Oct 18th: draft list to TPB
- November 2019
 - Nov 6th: Status Report to TPAC
 - Finalize Decision Lens evaluation process for highway projects
 - Initiate discussion on regional transit needs
 - Round 2 One-on-Ones with stakeholders
 - Nov 15th TPB meeting:
 - CMP adopted
 - Status Report
 - Initiate discussions with TxDOT-ELP and TPP on Cats 2, 4 and 12 projects
- December 2019
 - Dec 3rd : final list of projects to TPAC
 - Dec 13th: final list of projects to TPB
 - Dec 16th: Formalize discussions with TxDOT-ELP and TPP on Cats 2, 4 and 12 projects
- January 2020
 - Request TPAC and TPB specific MTP and TIP/STIP amendments
 - Resolutions of support and MOUs

List of Candidate Projects

• Local Governments

- City of Socorro
 - New Hueco Tanks Extension (FM76 to SH20)
 - Arterial 1 (Tiwa Blvd)
- Town of Anthony
 - FM1905 reconstruction
- County of El Paso
 - John Hayes (Montwood to Pellicano)
 - Tierra de Este
 - Rural Transit
- Horizon City
 - North Darrington Reconstruction
 - Horizon City to UTEP Express Bus
 - Horizon Blvd @ Darrington
 - Socorro-Horizon City Bus Circulator
 - I-10, LP375 to FM1110
- City of El Paso
 - Sean Haggerty extension (Aaron St. to Dyer St.)
 - Rojas Drive (LP375 to city limits)
 - Railroad Dr. reconstruction
 - Hawkins Dr. extension to LP375
 - Zaragoza Rd. @ UPRR grade separation
 - Mesa St. Pedestrian Improvements (Glory Rd. to Robinson)

• Sun Metro

- Streetcar Uptown Montana Ave. Crossover
- Far East Connector (Montana to Alameda)

• TxDOT

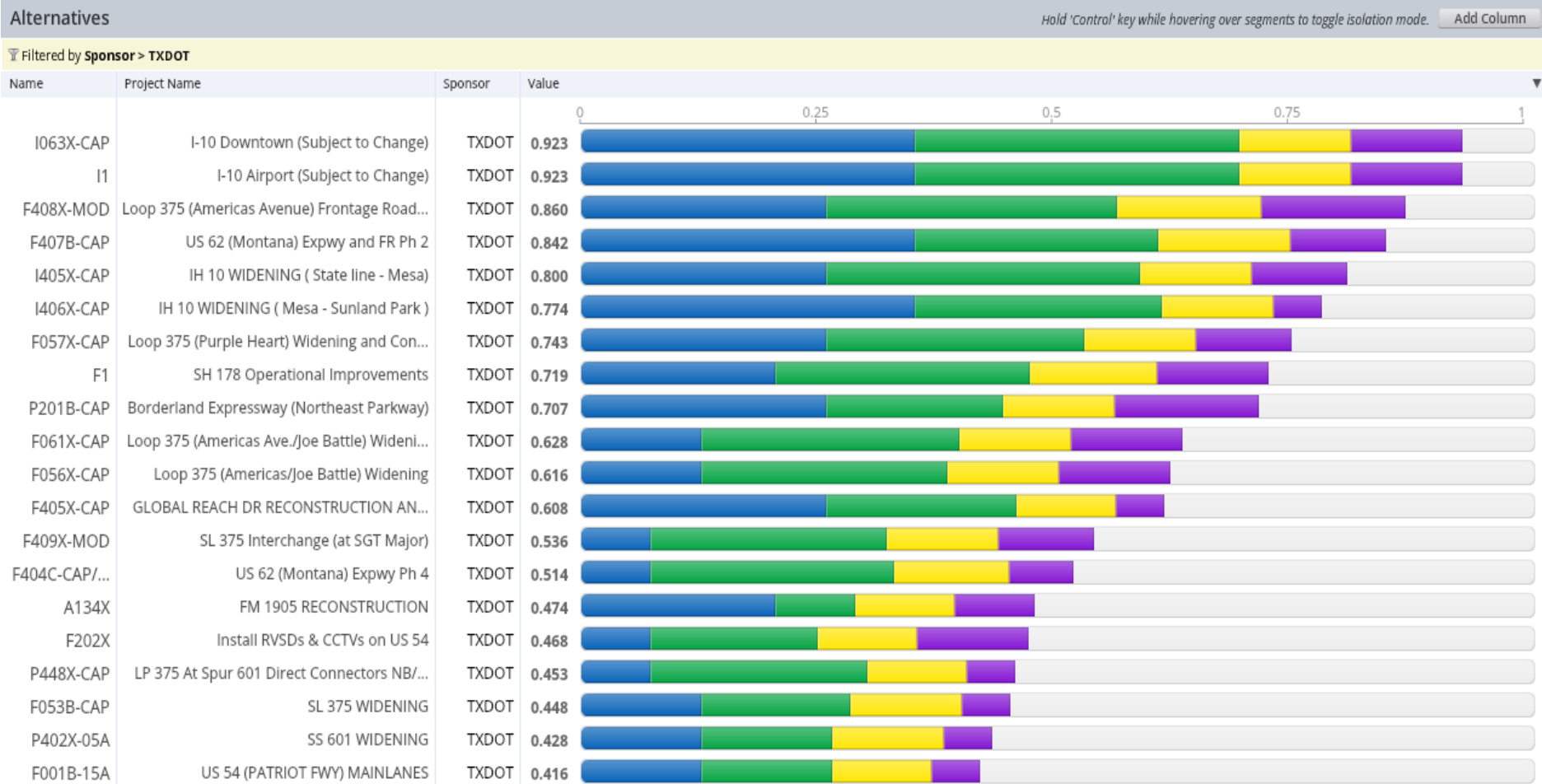
• Keystone Projects

- I-10 Segment 2 (Downtown)
- I-10 Segment 3 (Copia to Airway)
- I-10 @ SH178 (Artcraft)
- Borderland Expressway

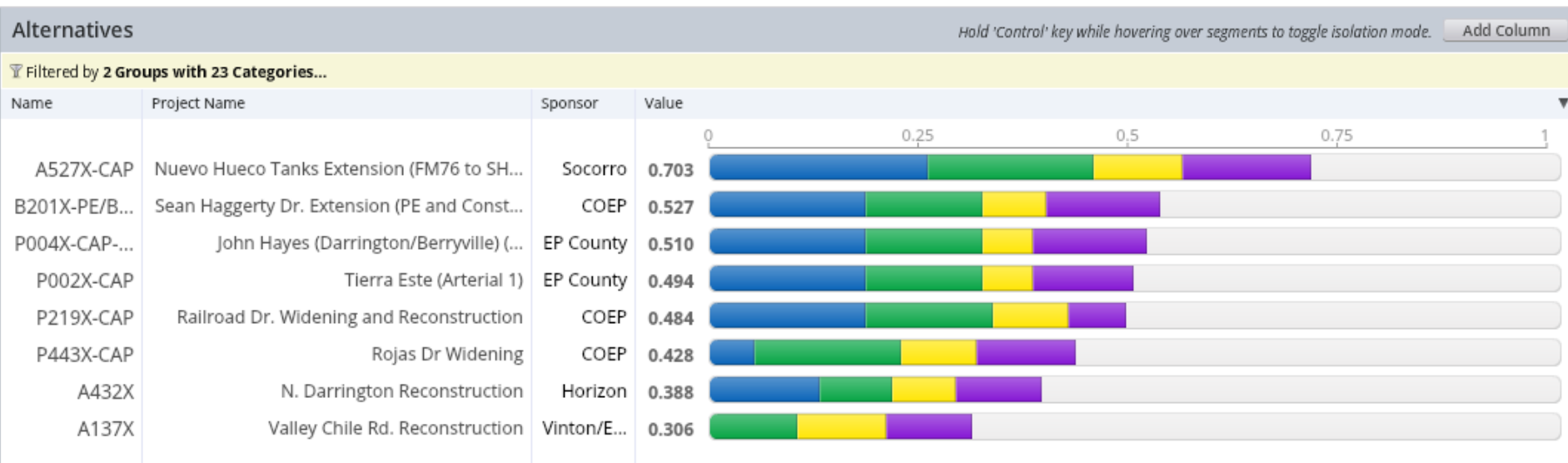
• Projects in the FY2020 UTP

- LP375 (Purple Heart) widening and frontage roads (US62/180 to Spur 601)
- LP375 (Purple Heart) @ Sargeant Major interchange
- LP375 (Americas) main lanes widening
- LP375 (Americas) frontage roads and ramp reversals
- I-10 (Mesa St. to NMSL) widening
- US 62/180 (Montana Ave.) Phase 2
- US 54 mainlanes (Kenworthy to McCombs)
- LP375 (Purple Heart) widening (Spur 601 to Dyer)
- I-10 widening (Eastlake to Horizon Blvd)
- Spur 601 widening

Decision Lens



Decision Lens



Key Features – Handout

El Paso Mobility Plan v.2019 - DRAFT

Revised: 11/30/2019

Preliminary - Subject to Change

Project	Sponsor	FY Letting		Estimated Costs (\$M 2019)				TxDOT Categories							TRZs	Local Contributions							New Mexico	Total Funds	Gap					
		Current	Proposed	Eng	ROW	Const	Total Project Cost	2 Urb Corr	4 Connec	5 CMAQ	7 STP	9 TASA	10 CBI	12 TTC Discr.		Rider 11b	Public Service Board	City of El Paso	County of El Paso	Horizon City	San Elizario	Socorro				Vinton				
HIGHWAY IMPROVEMENTS																														
National-Regional Impact Priorities																														
I-10 Segment 2 Ph1 (Exec Ctr to Copia)	TxDOT	2031	2025	50.00	65.00	950.00	1,065.00																						115.00	950.00
I-10 Segment 3A and 3B (Copia to Airway)	TxDOT	N/A	2027	35.00	30.00	630.00	695.00																						65.00	630.00
I-10 @ SH178 (Artcraft)	TxDOT	N/A	2023	10.00	15.00	193.50	218.50						193.50																218.50	0.00
Borderland Expressway (TX-NEP)	TxDOT	2029	2022	17.20	39.95	283.78	340.93																						17.20	323.73
Borderland Expressway (NM)	NMDOT	2021	2021	0.98	0.00	66.51	67.49																					67.49	67.49	0.00
Regional-Local Impact Priorities, On-system (FY2020 UTP)																														
LP375 (Purple Heart) US622 to SP601 - Loop 1	TxDOT	2019	2020	0.00	0.00	54.66	54.66	37.27	17.39																				54.66	0.00
LP375 (Purple Heart) @ Sgt. Major	TxDOT	N/A	2020	0.50	0.00	5.00	5.50	5.00			0.00																		5.50	0.00
LP375 (Americas) Bob Hope to Zaragoza	TxDOT	2020	2020	0.00	0.00	30.03	30.03	17.76	12.27																				30.03	0.00
LP375 (Americas) Bob Hope to Zaragoza	TxDOT	2020	2020	0.00	0.00	4.47	4.47	4.47																					4.47	0.00
LP375 (Americas) frontage roads & ramp reversals	TxDOT	2020	2020	2.00	1.00	36.47	39.47					12.00																	39.47	0.00
I-10 West (Mesa to NMSL) widening	TxDOT	2021	2021	8.00	0.00	148.37	156.37	148.37			0.00																		156.37	0.00
I-10 (Eastlake to FM1281 Horizon)	TxDOT	2030	2021	2.00	0.00	17.00	19.00	7.00																					19.00	0.00
I-10 @ Pendale overpass	TxDOT	2024	2024	2.00	0.00	24.06	26.06	7.24		0.00	0.00																		26.06	0.00
US62/180 (Montana) Zaragoza to DesertMead	TxDOT	2025	2025	3.00	0.00	21.06	24.06	21.06			0.00																		24.06	0.00
US62/180 (Montana) GlobalReach to Zaragoza Ph2	TxDOT	2026	2026	8.00	0.00	146.58	154.58	118.20	28.39																				154.58	0.00
I-10 West (Sunland Park to Mesa)	TxDOT	2022	2030			23.98	0.00				0.00																		0.00	0.00
LP 375 (Purple Heart) SP601 to Dyer Loop2*	TxDOT	2025	2030			33.89	0.00	0.00			0.00																		0.00	0.00
LP375 @ Spur 601 (Direct Connectors)	TxDOT	2020	2030			23.93	0.00	0.00			0.00																		0.00	0.00
Global Reach Improvements*	TxDOT	2026	2031			54.33	0.00	0.00			0.00																		0.00	0.00
Spur 601 widening (Airport Rd to LP375)*	TxDOT	2024	2031			17.18	0.00				0.00																		0.00	0.00
US54 (Kenworthy to McCombs) mainlanes	TxDOT	2022	2031			39.17	0.00	0.00			0.00																		0.00	0.00
Regional-Local Impact Priorities, Local Governments																														
CBD-4	COEP	2020	2021	0.00	0.00	12.02	12.02					12.02																	12.02	0.00
Rojas widening (LP375 to EP city limit)	COEP	2023	2021	0.41	0.00	9.00	9.41					2.75																	9.41	0.00
FM 1905 Reconstruction	TxDOT/Anthony	2030	2021	0.50	0.00	3.50	4.00						3.50																4.00	0.00
John Hayes (Montwood to Pellicano) Phase 1	County EP	2023	2022	0.00	0.00	12.00	12.00				0.00		12.00																12.00	0.00
N. Darring (Eastlake to Oxbow) reconstruction	TxDOT/Horizon	2030	2022	2.00	0.00	18.50	20.50	6.00					12.50																20.50	0.00
Sean Haggerty Ext (Aaron St to Dyer)	COEP	2028	2023	1.17	0.00	22.50	23.67						22.50																23.67	0.00
Valley Chile Rd reconstruction (I-10 to SH20)	Vinton/County	2030	2023	1.00	0.50	7.00	8.50						8.50																8.50	0.00
Nuevo Hueco Tanks (FM76 to SH20)	Socorro	2031	2024	3.50	1.50	20.00	25.00						22.50																25.00	0.00
John Hayes (Montwood to Pellicano) Phase 2	County EP	2027	2025	0.00	0.00	18.00	18.00						18.00																18.00	0.00
Railroad Drive widening	COEP	2029	2026	1.50	0.00	12.74	14.24						12.74																14.24	0.00
Tierra de Este extension	County EP	2037	2027	2.00	0.00	30.00	32.00						30.00																32.00	0.00
TRANSIT / MULTIMODAL PRIORITIES																														
County of El Paso Transit (3-yr operations)	County EP	N/A	2021	0.00	0.00	12.50	12.50				6.00																		12.50	0.00
Paso del Norte Trail	PDN Health	N/A	2021	3.00	0.00	60.00	63.00																						63.00	0.00
TOTALS				154.77	307.72	3,025.21	3,179.97	372.37	58.05	6.00	165.23	0.00	31.25	210.32	34.47	0.00	0.00	1.50	4.49	0.52	0.26	3.67	0.07	67.49	1,213.24	1,966.74				

TxDOT Projects – Target Implementation

Project	Sponsor	FY Letting		Estimated Costs (\$M 2019)			
		Current	Proposed	Eng	ROW	Const	Total Project Cost
HIGHWAY IMPROVEMENTS							
National-Regional Impact Priorities							
I-10 Segment 2 Ph1 (Exec Ctr to Copia)	TxDOT	2031	2025	50.00	65.00	950.00	1,065.00
I-10 Segment 3A and 3B (Copia to Airway)	TxDOT	N/A	2027	35.00	30.00	630.00	695.00
I-10 @ SH178 (Artcraft)	TxDOT	N/A	2023	10.00	15.00	193.50	218.50
Borderland Expressway (TX-NEP)	TxDOT	2029	2022	17.20	39.95	283.78	340.93
Borderland Expressway (NM)	NMDOT	2021	2021	0.98	0.00	66.51	67.49
Regional-Local Impact Priorities, On-system (FY2020 UTP)							
LP375 (Purple Heart) US622 to SP601 - Loop 1	TxDOT	2019	2020	0.00	0.00	54.66	54.66
LP375 (Purple Heart) @ Sgt. Major	TxDOT	N/A	2020	0.50	0.00	5.00	5.50
LP375 (Americas) Bob Hope to Zaragoza	TxDOT	2020	2020	0.00	0.00	30.03	30.03
LP375 (Americas) Bob Hope to Zaragoza	TxDOT	2020	2020	0.00	0.00	4.47	4.47
LP375 (Americas) frontage roads & ramp reversals	TxDOT	2020	2020	2.00	1.00	36.47	39.47
I-10 West (Mesa to NMSL) widening	TxDOT	2021	2021	8.00	0.00	148.37	156.37
I-10 (Eastlake to FM1281 Horizon)	TxDOT	2030	2021	2.00	0.00	17.00	19.00
I-10 @ Pendale overpass	TxDOT	2024	2024	2.00	0.00	24.06	26.06
US62/180 (Montana) Zaragoza to DesertMead	TxDOT	2025	2025	3.00	0.00	21.06	24.06
US62/180 (Montana) GlobalReach to Zaragoza Ph2	TxDOT	2026	2026	8.00	0.00	146.58	154.58
I-10 West (Sunland Park to Mesa)	TxDOT	2022	2030			23.98	0.00
LP 375 (Purple Heart) SP601 to Dyer Loop2*	TxDOT	2025	2030			33.89	0.00
LP375 @ Spur 601 (Direct Connectors)	TxDOT	2020	2030			23.93	0.00
Global Reach Improvements*	TxDOT	2026	2031			54.33	0.00
Spur 601 widening (Airport Rd to LP375)*	TxDOT	2024	2031			17.18	0.00
US54 (Kenworthy to McCombs) mainlanes	TxDOT	2022	2031			39.17	0.00

LG Projects – Target Implementation

Project	Sponsor	FY Letting		Estimated Costs (\$M 2019)			
		Current	Proposed	Eng	ROW	Const	Total Project Cost
HIGHWAY IMPROVEMENTS							
Regional-Local Impact Priorities, Local Governments							
CBD-4	COEP	2020	2021	0.00	0.00	12.02	12.02
Rojas widening (LP375 to EP city limit)	COEP	2023	2021	0.41	0.00	9.00	9.41
FM 1905 Reconstruction	TxDOT/Anthony	2030	2021	0.50	0.00	3.50	4.00
John Hayes (Montwood to Pellicano) Phase 1	County EP	2023	2022	0.00	0.00	12.00	12.00
N. Darring (Eastlake to Oxbow) reconstruction	TxDOT/Horizon	2030	2022	2.00	0.00	18.50	20.50
Sean Haggerty Ext (Aaron St to Dyer)	COEP	2028	2023	1.17	0.00	22.50	23.67
Valley Chile Rd reconstruction (I-10 to SH20)	Vinton/County	2030	2023	1.00	0.50	7.00	8.50
Nuevo Hueco Tanks (FM76 to SH20)	Socorro	2031	2024	3.50	1.50	20.00	25.00
John Hayes (Montwood to Pellicano) Phase 2	County EP	2027	2025	0.00	0.00	18.00	18.00
Railroad Drive widening	COEP	2029	2026	1.50	0.00	12.74	14.24
Tierra de Este extension	County EP	2037	2027	2.00	0.00	30.00	32.00
TRANSIT / MULTIMODAL PRIORITIES							
County of El Paso Transit (3-yr operations)	County EP	N/A	2021	0.00	0.00	12.50	12.50
Paso del Norte Trail	PDN Health	N/A	2021	3.00	0.00	60.00	63.00

Next Steps – Dynamic Process

- Refine
 - Scope
 - Cost Estimates
 - Development Schedule
- Confirm Partnerships
 - Roles and Responsibilities
 - Execute agreements & MOUs
- Perform MTP and TIP/STIP revisions as needed

El Paso Mobility Plan v.2019

- Questions and discussion
- Staff supports TPAC recommendation to TPB
- Thank you !



PERFORMANCE BASED PLANNING AND PROGRAMMING UPDATES TO THE AMENDED DESTINO 2045 MTP

On the following pages are the Performance Based Planning and Programming (PBPP) assumptions that were adopted by the El Paso MPO in the Original Destino 2045 MTP to include:

- Highway Safety Improvement Program, known as PM1
- Assessing Pavement Condition for the National Highway Performance Program and Bridge Condition for the National Highway Performance Program, known as PM2
- Assessing Performance of the National Highway System, Freight Movement on the Interstate System, and On-road Mobile Source Emissions Targets for the Congestion Mitigation and Air Quality (CMAQ) program, known as PM3
- Transit Asset Management (TAM)

Targets for safety measures are set annually and 2020 safety targets start on the next page. PM 2 and TAM targets in the Amended Destino 2045 MTP are the same as the original Destino 2045. PM 3 targets are the same with the exception of the CMAQ Targets. At the time the Amended Destino 2045 MTP was being developed, the El Paso MPO was in coordination with TxDOT to update the 4-year targets for Particulate Matter-10 (PM10) and Carbon Monoxide (CO). The El Paso MPO was also in coordination with NMDOT to update the 4-year target for PM 10.

On September 18, 2020 the El Paso MPO's Transportation Policy Board (TPB) updated the 4-year PM-10 target to 21.96 kg/day and updated the CO target to 841.62 kg/day for the Texas portion of the El Paso MPO planning area. Also, the TPB updated the 4-year PM-10 target to 3.48 kg/day for the New Mexico portion of the El Paso MPO planning area. These targets will replace the original targets on the following pages.

Also, on September 18, 2020 the TPB adopted Sun Metro's Public Transportation Agency Safety Plan (PTASP), which includes Fixed Routes, Street Car and Paratransit targets. See PTASP presentation to the TPB and PTASP targets at the end of this section.

PERFORMANCE BASED PLANNING AND PROGRAMMING IN THE ORIGINAL DESTINO 2045 MTP

Measuring and tracking the performance of the region’s transportation system is a fundamental component of the Metropolitan Transportation Plan (MTP) and the performance-based planning process. Federal legislation passed in 2012 introduced a new requirement to incorporate a performance-based approach into the transportation planning process. The legislation, the Moving Ahead for Progress in the 21st Century Act, known as MAP-21, requires state Departments of Transportation (DOT), Metropolitan Planning Organizations (MPO), and transit authorities to set coordinated targets, report on a required set of performance measures, and prioritize projects using a coordinated performance-based planning process. These performance requirements were continued and reinforced by the Fixing America’s Surface Transportation (FAST) Act, which was signed into law in 2015. Four Transportation Performance Management final rules have been released by the Federal Highway Administration and the Federal Transit Administration, passed through standard rulemaking procedure, and are now effective. Each final rule lists required measures, data sources, and calculation procedures.

- The final rules include:
- Highway Safety Improvement Program, known as PM1
 - Assessing Pavement Condition for the National Highway Performance Program and Bridge Condition for the National Highway Performance Program, known as PM2
 - Assessing Performance of the National Highway System, Freight Movement on the Interstate System, and Congestion Mitigation and Air Quality Improvement Program (CMAQ), known as PM3
 - Transit Asset Management

Federal performance measure final rules establish deadlines for target setting and reporting for each of the required performance measures. For the measures identified in each final rule, MPOs are required to include adopted targets, baseline performance measures, and progress toward the targets in the Destino 2045 MTP adopted two years after the effective date of the final rule. The four performance measure final rules currently effective were established at different times, and therefore have different target-setting and implementation deadlines, as seen below:

Final Rule	Rule Effective Date	Target Setting Deadlines			Required to be Included in MTPs
		Provider	State DOT	MPO	
Safety (PM1)	4/14/2016	N/A	8/31/2017	2/16/2018	5/27/2018
Pavement and Bridge Condition (PM2)	5/20/2017	N/A	5/20/2018	11/16/2018	5/20/2019
System Performance/Freight/CMAQ (PM3)	5/20/2017	N/A	5/20/2018	11/16/2018	5/20/2019
Transit Asset Management	10/01/2016	1/01/2017	10/01/2017	9/21/2018	10/01/2018

*Safety (PM1) is updated yearly

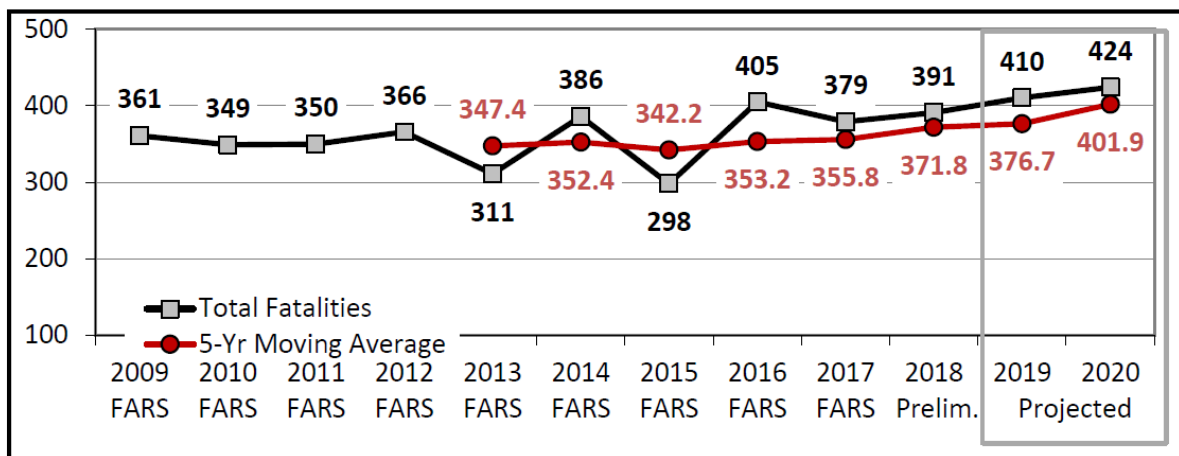
Safety (PM1):

On January 24, 2020 the El Paso MPO adopted the State of Texas Department of Transportation (TXDOT) and New Mexico Department of Transportation (NMDOT) targets for 5 Safety Performance measures based on five-year rolling averages for:

1. Number of Fatalities,
2. Rate of Fatalities per 100 million Vehicle Miles Traveled (VMT),
3. Number of Serious Injuries,
4. Rate of Serious Injuries per 100 million VMT, and
5. Number of Non- Motorized Fatalities and Non-Motorized Serious Injuries

NMDOT PM 1 (Safety) 2020 Targets

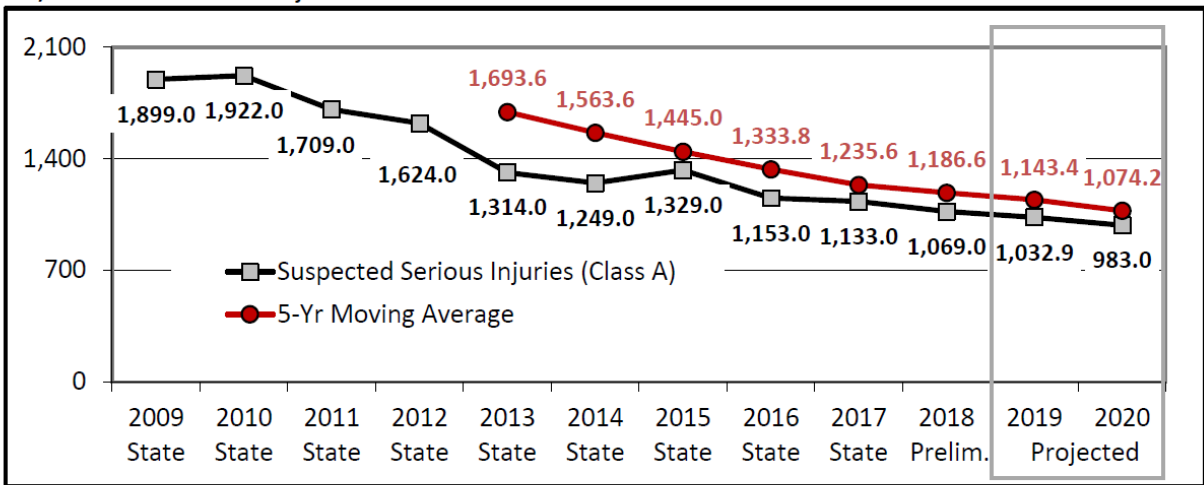
1) Number of Total Fatalities



NMDOT 2020 Target for Number of Total Fatalities: 401.9

NMDOT Justification: Although five-year average fatalities rose by a moderate 2.4 percent between 2013 and 2017, preliminary and projected data indicate that fatalities will increase by about 13 percent between 2017 and 2020. Fatalities involving SUVs, pickup trucks and pedestrians are increasing and in 2018, accounted for 51.4 percent of all crash fatalities. Given the prevalence of SUV and pickup truck ownership, and projected increase in fatalities overall, the five-year average projection of 401.9 is determined to be the 2020 target.

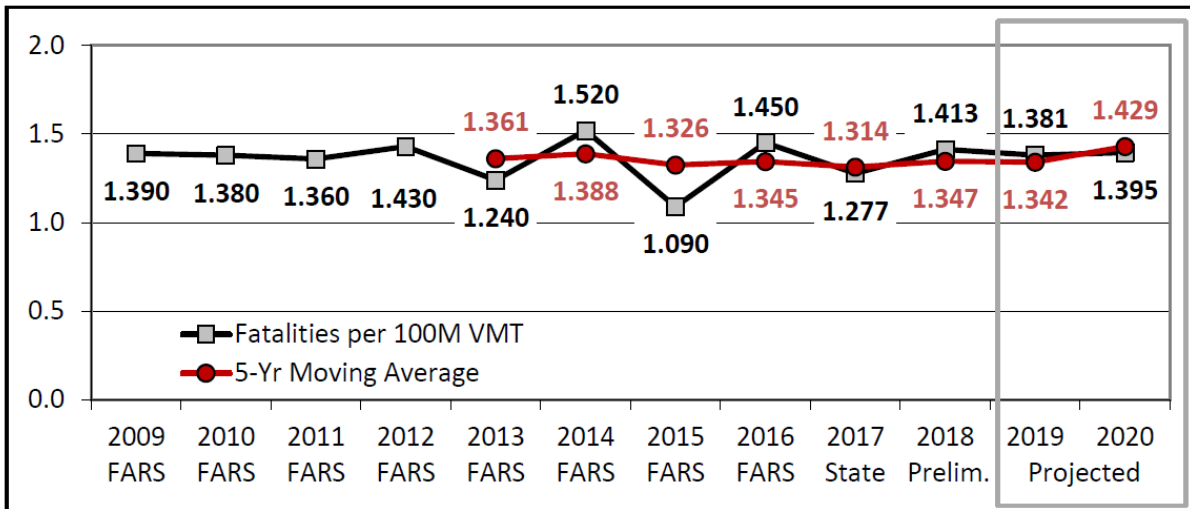
2) Number of Serious Injuries



NMDOT 2020 Target for Number of Serious Injuries: 1,074.2

NMDOT Justification: Five-year average serious injuries are projected to fall by about 7.5 percent between 2017 and 2019, and the State anticipates a continued reduction in serious injuries in 2020. The five-year average projection of 1,074.2 is the 2020 target.

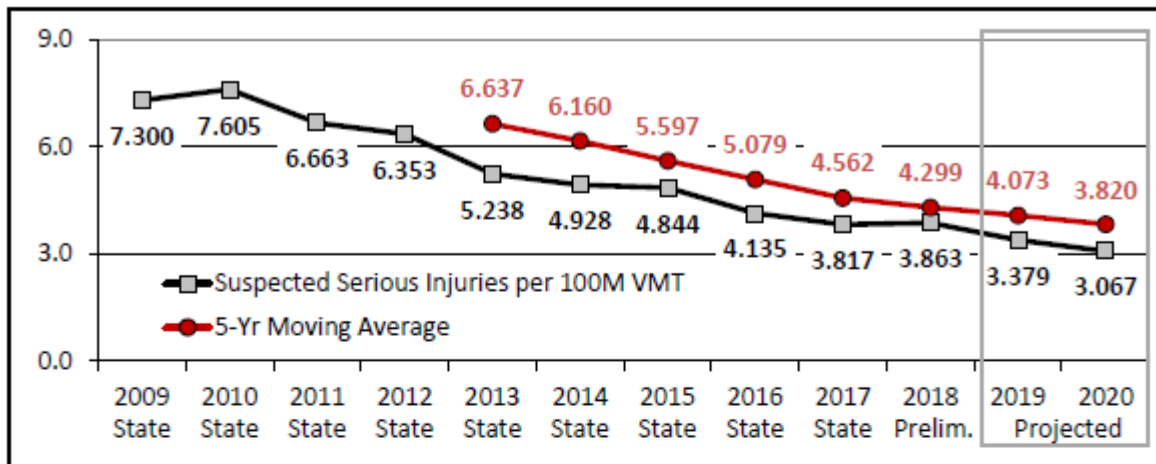
3) Rate of Fatalities



NMDOT 2020 Target for Rate of Fatalities: 1.429

NMDOT Justification: Although five-year average fatalities are expected to increase in 2020 from 2017, VMT is also expected to rise, thus the projected five-year average of 1.429 is the 2020 target.

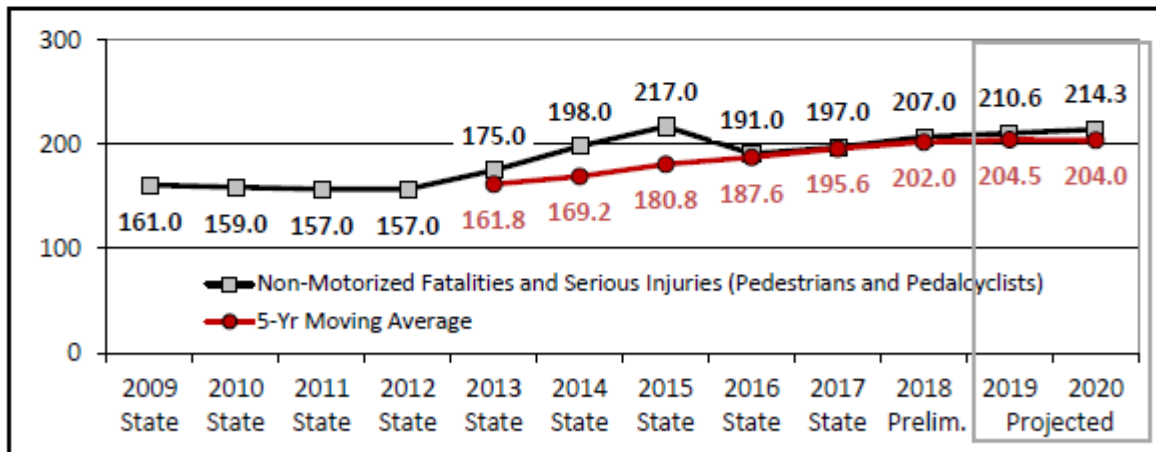
4) Rate of Serious Injuries



NMDOT 2020 Target for Rate of Serious Injuries: 3.820

NMDOT Justification: Justification: Five-year average serious injury rates are projected to continue falling, thus the five-year average projection of 3.820 is the 2020 target.

5) Number of Non-motorized Fatalities and Serious Injuries



NMDOT 2020 Target for Number of Non-motorized Fatalities and Serious Injuries: 204.0

NMDOT Justification: Five-year average non-motorized fatalities and serious injuries are projected to rise by about 5 percent over the next three years. The five-year average projection of 204.0 is the 2020 target.

TXDOT (PM1) TARGETS:

Target: Total number of traffic fatalities

2020 Target: To decrease the expected rise of fatalities to not more than a five-year average of 3,840 fatalities in 2020. The 2020 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2016	3,797	FARS
2017	3,722	ARF
2018	3,631	CRIS
2019	3,980	Target
2020	4,068	Target
2020 Target expressed as 5-year average		3,840

As noted in the table above, the calendar year target for 2020 would be 4,068 fatalities.

Target: Total number of serious injuries

2020 Target: To decrease the expected rise of serious injuries to not more than a five-year average of 17,533 serious injuries in 2020. The 2020 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2016	17,573	CRIS
2017	17,535	CRIS
2018	14,892	CRIS
2019	18,367	Target
2020	18,602	Target
2020 Target expressed as 5-year average		17,394

As noted in the table above, the calendar year target for 2020 would be 18,602 serious injuries.

Target: Fatalities per 100 million vehicle miles traveled

2020 Target: To decrease the expected rise of fatalities per 100 MVMT to not more than a five-year average of 1.406 fatalities per 100 MVMT in 2020. The 2020 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2016	1.40	FARS
2017	1.37	ARF
2018	1.31	CRIS
2019	1.47	Target
2020	1.48	Target
2020 Target expressed as 5-year average		1.406

As noted in the table above, the calendar year target for 2020 would be 1.48 fatalities per 100 MVMT.

Target: Serious Injuries per 100 million vehicle miles traveled

2020 Target: To decrease the serious injuries per 100 MVMT to not more than a five-year average of 6.286 serious injuries per 100 MVMT in 2020. The 2020 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2016	6.48	CRIS
2017	6.42	CRIS
2018	5.37	CRIS
2019	6.60	Target
2020	6.56	Target
2020 Target expressed as 5-year average		6.286

As noted in the table above, the calendar year target for 2020 would be 6.56 serious injuries per 100 MVMT.

Target: Total number of non-motorized fatalities and serious injuries

2020 Target: To decrease the expected rise of non-motorized fatalities and serious injuries to not more than a five year average of 2,285.0 non-motorized fatalities and serious injuries in 2020. The 2020 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2016	2,304	FARS-CRIS
2017	2,146	ARF-CRIS
2018	2,104	CRIS
2019	2,394	Target
2020	2,477	Target
2020 Target expressed as 5-year average		2,285.0

As noted in the table above, the calendar year target for 2020 would be 2,477 non-motorized fatalities and serious injuries.

Pavement and Bridge (PM2):

On November 16, 2018 the El Paso MPO adopted the State of Texas Department of Transportation (TXDOT) and New Mexico Department of Transportation (NMDOT) targets for six Pavement and Bridge Performance measures:

1. Percentage of Interstate pavements in Good condition,
2. Percentage of Interstate pavements in Poor condition,
3. Percentage of non-Interstate NHS pavements in Good condition,
4. Percentage of non-Interstate NHS pavements in Poor condition,
5. Percentage of NHS by deck area classified as in Good condition, and
6. Percentage of NHS by deck area classified as in Poor condition

NMDOT PM2:

Performance Measure	4 Year (2021)
Percentage of bridges on the NHS in Good condition	30.0%
Percentage of bridges on the NHS in Poor condition	2.5%
Percentage of Interstate pavements on the NHS in Good condition	59.1%
Percentage of Interstate pavements on the NHS in Poor condition	5.0%
Percentage of Non-Interstate pavements on the NHS in Good condition	34.2%
Percentage of Non-Interstate pavements on the NHS in Poor condition	12.0%

TXDOT PM2:

Performance Measure	2022 Target
Pavement on IH	
% in "good" condition	66.4%
% in "poor" condition	0.3%
Pavement on non-IH NHS	
% in "good" condition	52.3%
% in "poor" condition	14.3%
NHS Bridge Deck Condition	
% in "poor" condition	0.80%
% in "good" condition	50.42%

Freight and Air Quality (PM3):

On November 16, 2018 the El Paso MPO adopted the State of Texas Department of Transportation (TXDOT) and New Mexico Department of Transportation (NMDOT) targets for the following Freight and Air Quality measures:

1. National Highway System Travel Time Reliability Measures:
 - a. Interstate Reliability
 - b. Non-Interstate Reliability,
2. Freight Reliability Measure:
 - a. Truck Travel Time Reliability, and
3. Congestion Mitigation and Air Quality (CMAQ):
 - a. Total Emission Reduction Measure

NMDOT PM3:

Performance Measure	2021 Target
NHS Travel Time Reliability	
IH Level of Travel Time Reliability	95.1%
Non-IH Level of Travel Time Reliability	90.4%
Performance Measure	
2021 Target	
Truck Travel Time Reliability	1.15
Performance Measure	
2021 Target	
Total Emission Reduction	
New Mexico	PM 10 1.79 kg/day

On September 18, 2020 the El Paso MPO's Transportation Policy Board (TPB) updated the 4-year PM-10 target to 3.48 kg/day for the New Mexico portion of the El Paso MPO planning area.

TXDOT PM3:

Performance Measure	2022 Target	
NHS Travel Time Reliability		
IH Level of Travel Time Reliability	56.6%	
Non-IH Level of Travel Time Reliability	55.4%	
Performance Measure		
2022 Target		
Truck Travel Time Reliability	1.79	
Performance Measure		
2022 Target		
Total Emission Reduction		
El Paso	CO	891.11
	PM 10	13.71

On September 18, 2020 the El Paso MPO's Transportation Policy Board (TPB) updated the 4-year PM-10 target to 21.96 kg/day and updated the CO target to 841.62 kg/day for the Texas portion of the El Paso MPO planning area.

Transit Asset Management (TAM):

On September 21, 2018 the Transportation Policy Board approved two new MPO Planning Memorandums of Understanding (MOU), one for Texas and one for New Mexico. The MOU's outline the roles and responsibilities of the states, the MPO, and the mass transit provider, Sun Metro, in carrying out the metropolitan transportation planning process and associated performance measures. Based on the federal performance measure final rule on Transit Asset Management (TAM) issued in July 2016, MPOs are required to coordinate with transit providers to set performance targets and integrate individual transit providers' performance targets and TAM plans into planning documents. El Paso MPO reached out to the transit providers in the region to include Sun Metro the mass transit provider for the region and requested targets. The El Paso MPO Transportation Project Advisory Committee (TPAC) reviewed Sun Metro targets, the state of Texas, and the state of New Mexico targets and recommended that the El Paso MPO Transportation Policy Board (TPB) adopt the state of Texas' targets, as the targets for the El Paso MPO. Sun Metro may have agency-level targets that differ from the El Paso MPO adopted targets. These agency-level targets may better meet their needs in planning for state of good repair for Sun Metro. EPMPO will continue to coordinate with Sun Metro to report, track, and adjust the targets over time to meet the El Paso MPO targets.

El Paso MPO TAM 4 year targets

Performance Measure	Baseline	2020 Target	2022 Target
Transit Asset Management			
% revenue vehicles at or exceeding useful life benchmark			<15%
% service vehicles (non-revenue) at or exceeding useful life benchmark			<15%
% facilities rated below 3 on condition scale (TERM)			<15%
% track segments with performance restrictions			N/A

As part of the FAST Act, performance measures were incorporated for transit agencies, primarily through the Transit Asset Management (TAM) assessment and planning requirements. Sun Metro's TAM plan was developed to meet that requirement. Sun Metro continuously seeks grants through the regional MPO in order to supplement the competitive and formula funding grants available from the FTA. Primarily Sun Metro applies for FHWA Congestion Mitigation and Air Quality (CMAQ) and Surface Transportation Program (STP) funding through the MPO. Funding from these grants are crucial to the agency's State of Good Repair (SGR) program and the resulting Transit Asset Management Plan (TAM). CMAQ funds provide for new and replacement bus funding, to include vehicles needed for new and extended services. Funding also allows for new or enhancements of terminals and stops to include accessibility and passenger amenities if associated with new or extended services. STP provides similar funding but without the new or extended service requirements. This grant funding not only permits Sun Metro to provide efficient and dependable service but supplements funding from other sources necessary to maintain SGR standards. In FY2019 CMAQ, the federal funding portion obtained through the regional MPO, will total approximately \$5.5M for operating assistance (Dyer and Alameda BRT's and Streetcar services) plus replacement funding for three buses. As of October 2018 Sun Metro had been awarded approximately \$7.1M of funds for new revenue vehicles that were unspent or pending, including grants obtained through the CMAQ program and other grant programs.

Sun Metros Performance Measures

Fix Routes: Adopted by TPB 9/18/20

Performance Measures – Fix Route Per every 100,000 miles		Fiscal Year			
		2019	2020	2021	2022
FATALITIES		0	0	0	0
INJURIES		50	45	40	35
SAFETY EVENTS	Accidents	178	50	45	45
	Incidents		78	70	65
	Occurrences		50	45	45
SYSTEM RELIABILITY (Mean Distance Between Failures)		82864 Miles	90,000 Miles	95000 Miles	100,000 Miles

Sun Metros Performance Measures

Streetcar: Adopted by TPB 9/18/20

Performance Measures – Streetcar Per every 100,000 miles		Fiscal Year			
		2019	2020	2021	2022
INJURIES		9	7	6	5
SAFETY EVENTS	Accidents	2	1	1	0
	Incidents	9	7	6	5
	Occurrences	9	7	6	5
SYSTEM RELIABILITY (Mean Distance Between Failures)		2879 hrs.	2900 hrs.	2950 hrs.	3000 hrs.

Sun Metros Performance Measures

Paratransit: Adopted by TPB 9/18/20

Performance Measures – Paratransit Per every 100,000 miles		Fiscal Year			
		2019	2020	2021	2022
INJURIES		8	8	6	5
SAFETY EVENTS	Accidents	20	17	15	12
	Incidents	25	22	19	15
	Occurrences	32	25	23	20
SYSTEM RELIABILITY (Mean Distance Between Failures)		87019 miles	88000 miles	90,000 miles	91,000 miles

Technical Memorandum

DATE: September 9, 2020

CC: Claudia Valles, Roger Williams

FROM: Sonia Perez, El Paso

RE: Destino MTP Amendment - Network coding

TO: Salvador Gonzalez-Ayala

Executive Summary

The following are the additions/changes made to the TDM to reflect the MTP 2045 Amendments. Please refer to information in attribute "EDIT_Amend" for description of edits. Also, please refer to Build year and Remove year attribute for information on network year the link is enabled. The link ID numbers listed in the memo correspond to the ID attribute in the shapefile not the FID.

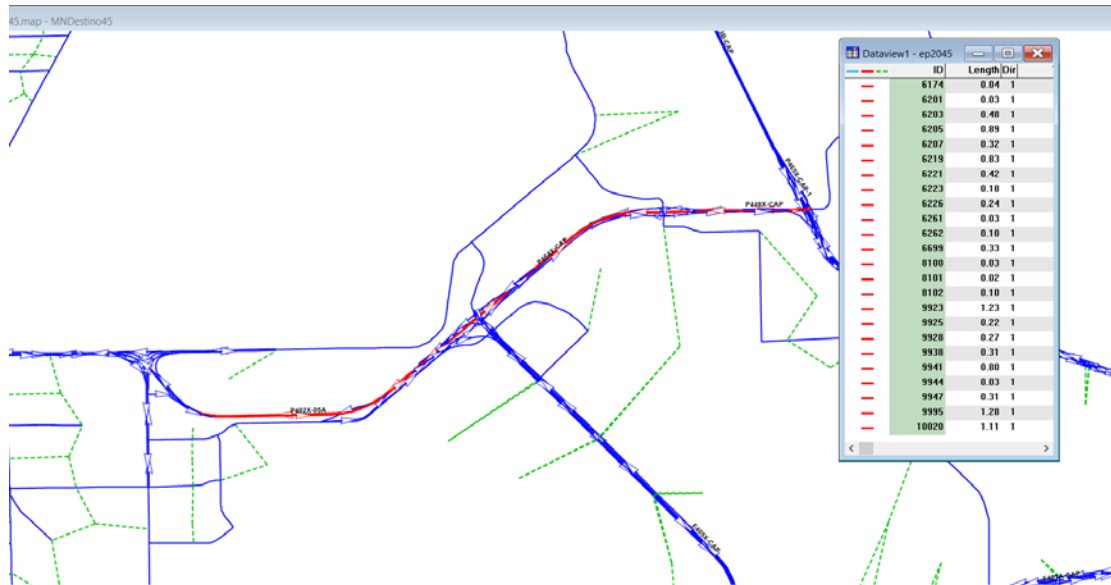
A) Projects moved from the 2030 to 2040 network year:

A1.- Spur 601 Widening (Project ID: P402X-05A, CSJ: 1046-03-004)

Project Description: Widen from 4 to 6 lanes.

Limits: From Airport road to SL 375 (Purple Heart Highway).

Amendment: Project was moved from 2030 to forecast year 2040. Roadway attributes (FUNCL, LANES, BuiltYear, ProjectID, etc.) were updated to reflect project in 2040.

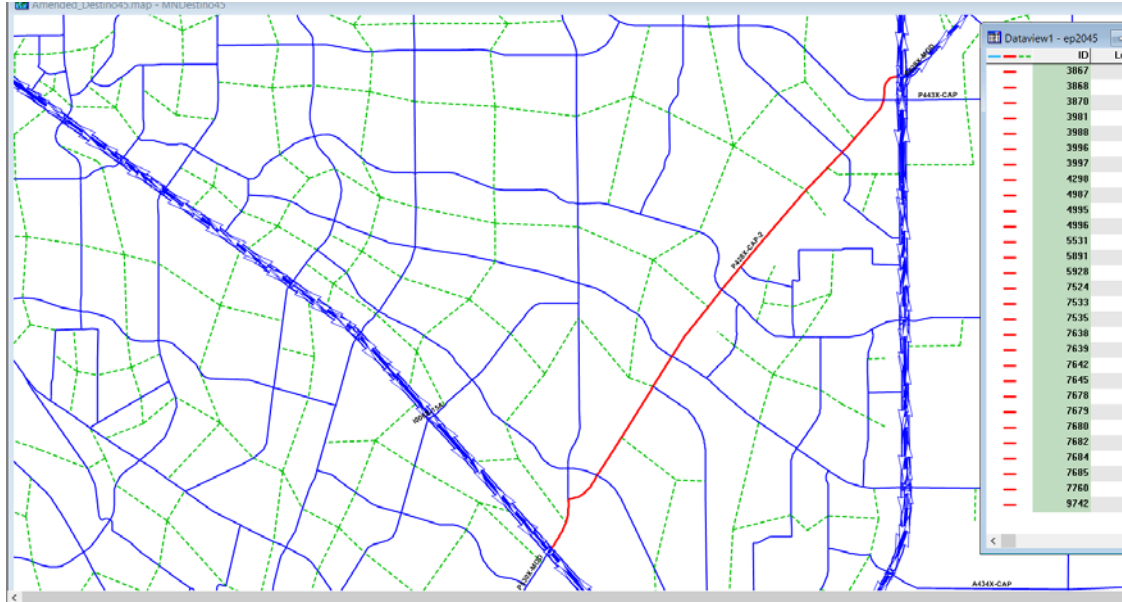


A2.- FM 659 Zaragoza Rd/George Dieter Dr. – Segment 2 (ProjectID: P428X-CAP-2, CSJ 1046-01-020)

Project Description: Widen from 4 to 6 lanes including roadway and operational improvements on existing 6 lane segment.

Limits: From IH 10 to SL 375 (Joe Battle BLVD)

Amendment: Project was moved from 2030 to forecast year 2040. Roadway attributes (FUNCL, LANES, BuiltYear, ProjectID, etc.) were updated to reflect project in 2040.

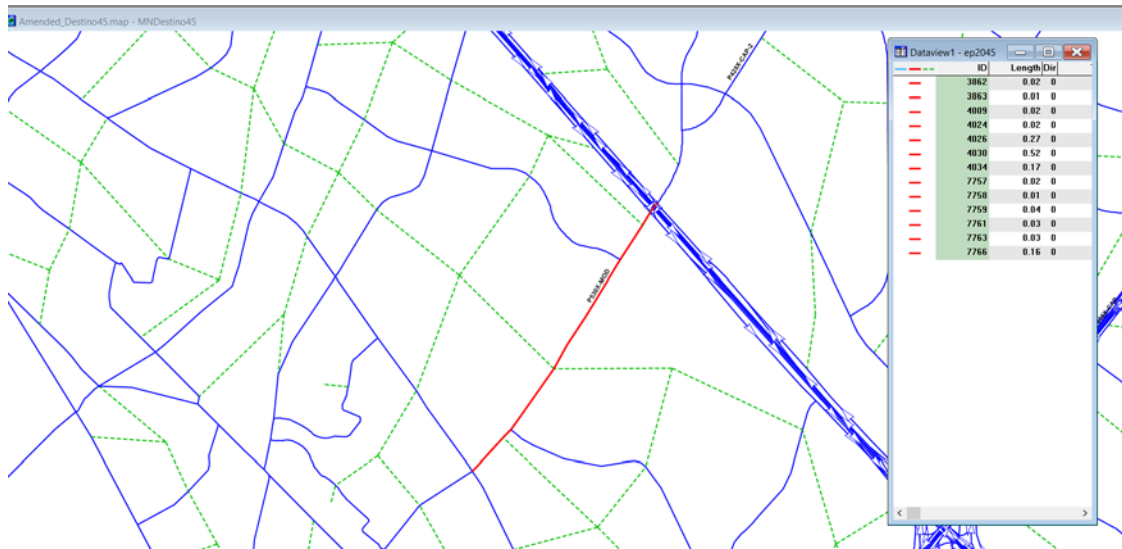


A3.- FM 659 Zaragoza Rd. widening – Segment 3 (Project ID: P530X-MOD, CSJ 1046-01-022)

Project Description: Widen from 4 to 6 lanes including roadway and operational improvements.

Limits: From IH 10 to FM 76 (North Loop DR)

Amendment: Project was moved from 2030 to forecast year 2040. Roadway attributes (FUNCL, LANES, BuiltYear, ProjectID, etc.) were updated to reflect project in 2040.



A4.- US 62 (Montana) Expressway Ph4 widening (Project ID: F407D-CAP, CSJ:0374-02-102)

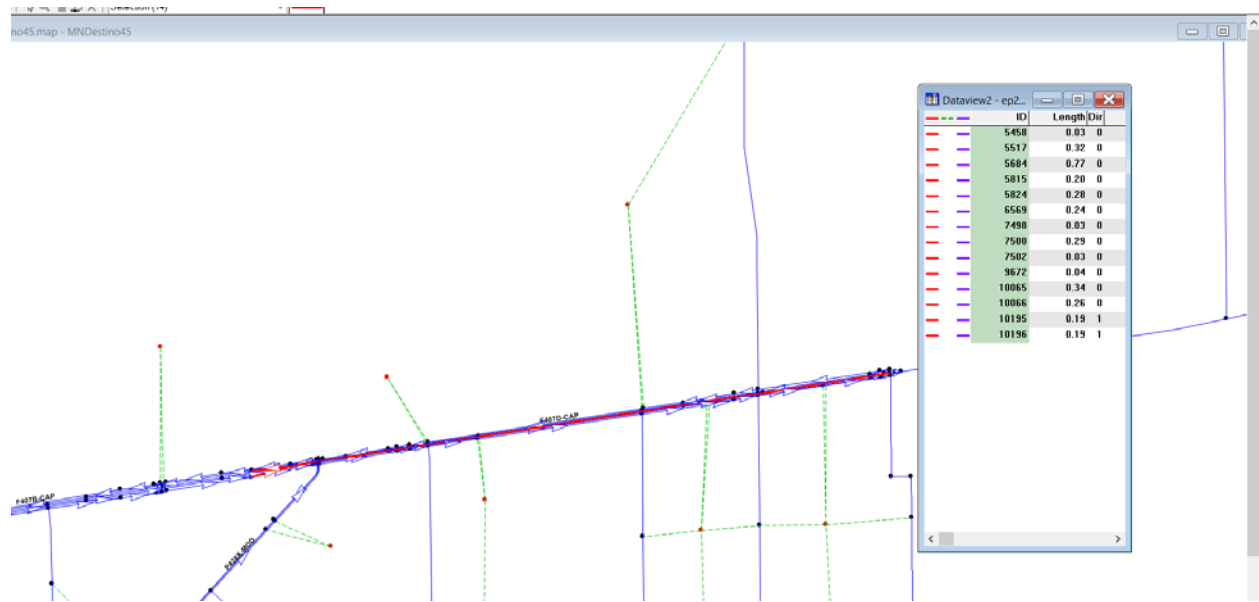
Project Description: Widen from 4-lanes undivided to 6-lanes divided and construct overpass

Limits: From FM 659 (Zaragoza Rd) to Desert Meadows.

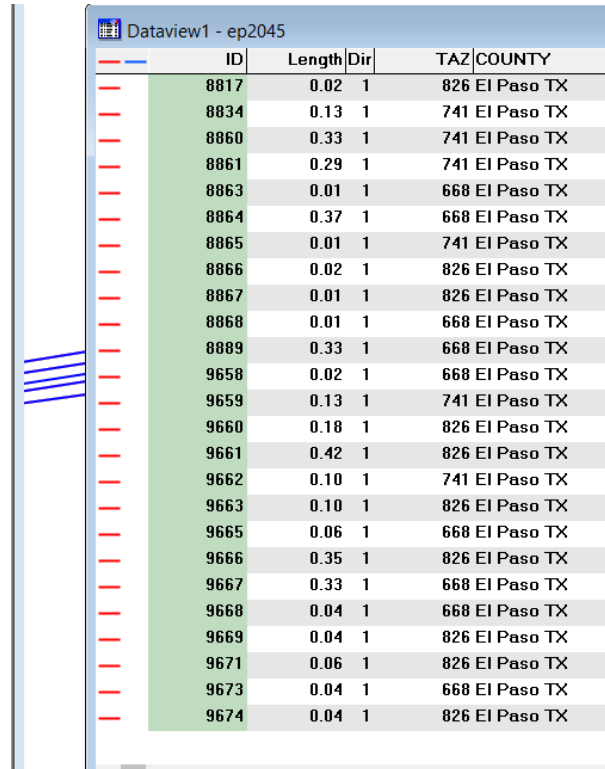
Amendment: Project was moved from 2030 to forecast year 2040. Roadway attributes (FUNCL, LANES, BuiltYear, ProjectID, etc.) were updated to reflect project in 2040.

Links 10195 and 10196 were added from 2030 and beyond to provide connectivity from mainlane directional links west of Zaragoza to the bi-directional link east of Zaragoza. This project was not detail

coded with directional links at the overpass since there is no schematic yet developed for this project to be able to detail code. The number of lanes for links 10195 and 10196 increases from 2 to 3 in 2040 to represent the widening in 2040.



As part of the model update, multiple links were deleted since they were previously coded as part of an old project in Horizon MTP (F404C-CAP) but are no longer needed nor considered in future projects for Destino 2045 Amendment. A total of 59 links were deleted.



ID	Length	Dir	TAZ	COUNTY	LOCAL_STRE
6570	0.01	0	668	El Paso TX	Rene Dr
8869	1.15	0	671	El Paso TX	Rene Dr
8870	0.23	1	671		
8872	0.31	1	672		
8873	0.13	1	672		
8874	0.31	1	673		
8875	0.28	1	673		
8876	0.04	1	673		
8877	0.05	1	673		
8878	0.05	1	748		
8879	0.05	1	748		
8880	0.58	1	748		
8881	0.88	1	748		
8882	0.02	0	748	El Paso TX	Desert Meadows Rd
8884	0.05	1	673		
8885	0.05	1	748		
8886	0.11	1	600		
8887	1.02	1	600		
8888	0.78	1	671		
8890	0.29	0	671		cc
8891	0.58	0	672		cc
8892	0.94	0	600		cc
8893	0.64	0	673		cc
8894	1.39	1	600		
8895	0.43	1	600		
8897	0.88	1	673		
8898	0.11	1	672		
8899	0.24	1	672		
8900	0.24	1	600		
8994	0.09	1	826		
8995	0.36	0	826	El Paso TX	cc
9111	0.01	0	826	El Paso TX	
9664	1.39	1	671		
9670	0.08	1	668		

A5.- Global Reach Dr. reconstruction of existing mainlanes and addition of frontage roads
 (ProjectID: F405X-CAP CSJ:924-06-532)

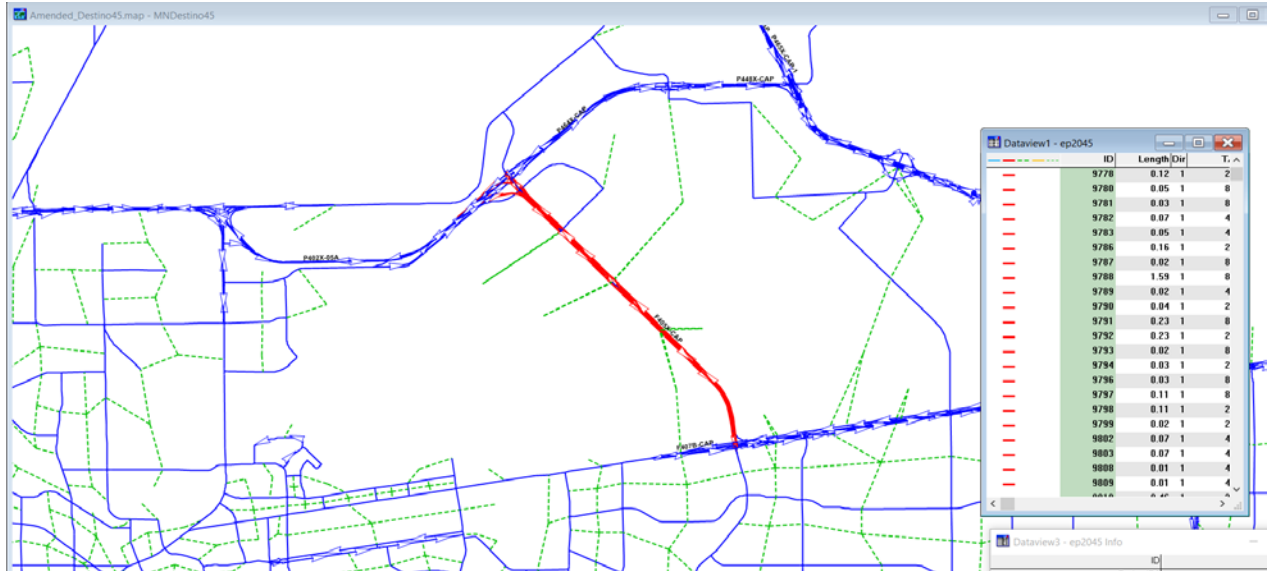
Project Description: Reconstruction of existing mainlanes (6 lanes, 3 in each direction) at Global Reach Dr. and addition of frontage roads, construct 4 lane frontage roads (2 in each direction), and single lane direct connectors at SS 601 NB to WB and EB to SB.

Limits: From (On Global Reach DR) US 62/180 Montana Ave. to SS 601

Amendment: Project was moved from 2030 to forecast year 2040. Roadway attributes (FUNCL, LANES, BuiltYear, ProjectID, etc.) were updated to reflect project in 2040.

Updates to centroid connectors were also needed to reflect change in network year.

Links 9788 and 10011 were divided and new links created (10119,10120) as a model update.



A6.- Border Highway East (BHE) - Phase 1(F059X-CAP-1, CSJ 0924-06-591)

Project Description: Build 4 lanes divided highway including 2-lanes direct connectors at SL 375 (WB-WB and EB-EB direction coming in/out of BHE) and connection to Pan American at Winn Road.

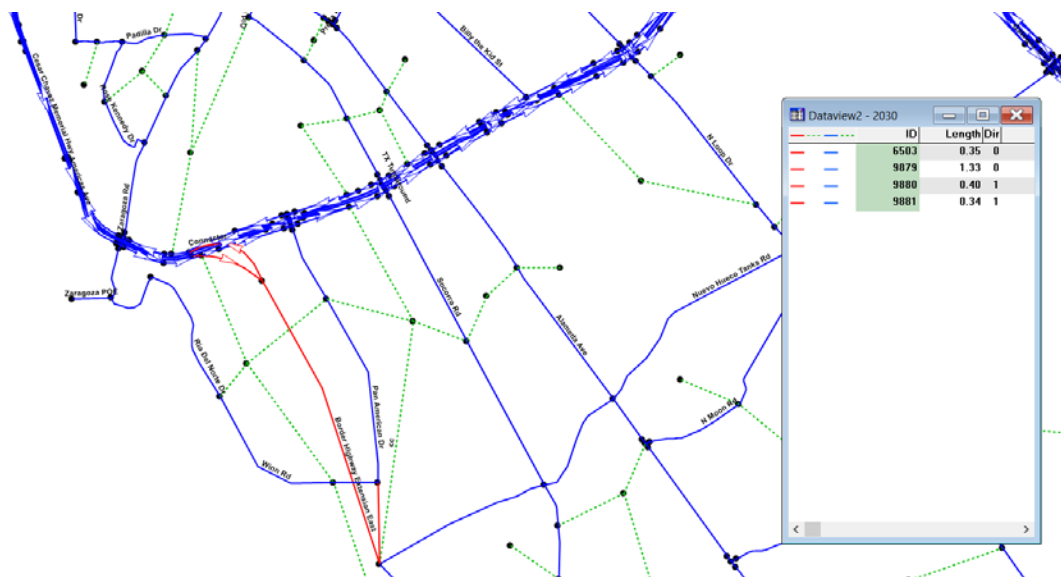
Limits: From SL 375 (Americas Avenue) to Nuevo Huevo Tanks Extension.

Amendment: Project was moved from 2030 to forecast year 2040. Roadway attributes (FUNCL, LANES, BuiltYear, ProjectID, etc.) were updated to reflect project in 2040.

Centroid connector ID 10024 was disabled since is no longer needed due to the network change.

Connection to Pan American was added to reflect TxDOT's concept provided. Link ID 6503. Project description was also changed in project list.

https://cityofelpaso-my.sharepoint.com/:b/g/personal/perezsa_elpasotexas_gov/Ec2Tqctt1aNEpKckGWOWJfoBtNgMnIY-wqEBfDwJiyPi2w?e=kZIV26

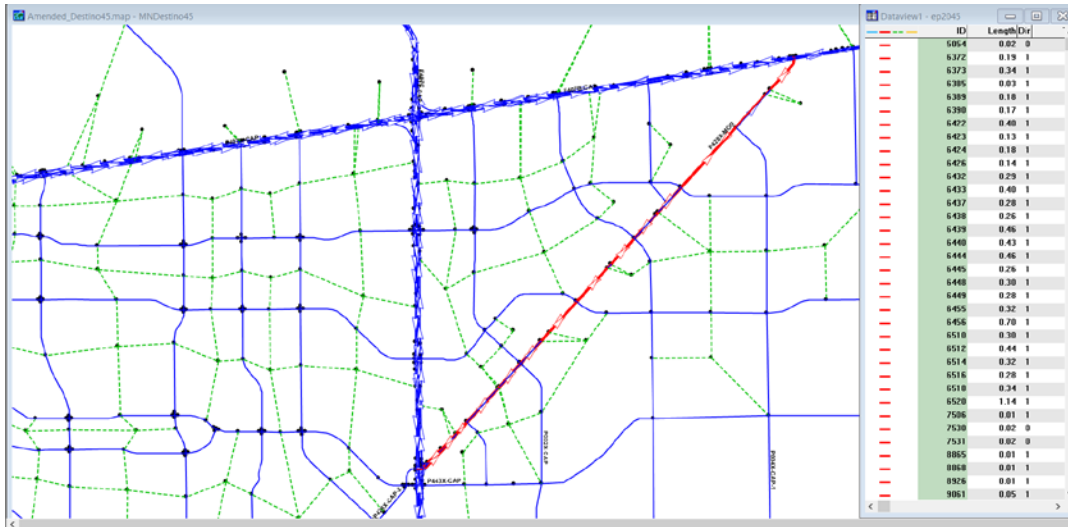


A7.- FM 659 (Zaragoza Road) widening. (P428X-MOD, CSJ 1046-01-021)

Project Description: Widening 4 lanes to 6 lanes divided, to include transitional work from LP 375 to Sunfire
Limits: From Loop 375 to US 62/180 (Montana Ave.).

Amendment: Project was moved from 2030 to forecast year 2040. Roadway attributes (FUNCL, LANES, BuiltYear, ProjectID, etc.) were updated to reflect project in 2040.

Updates to links 8868 and 8865 were needed to reflect change in network year.

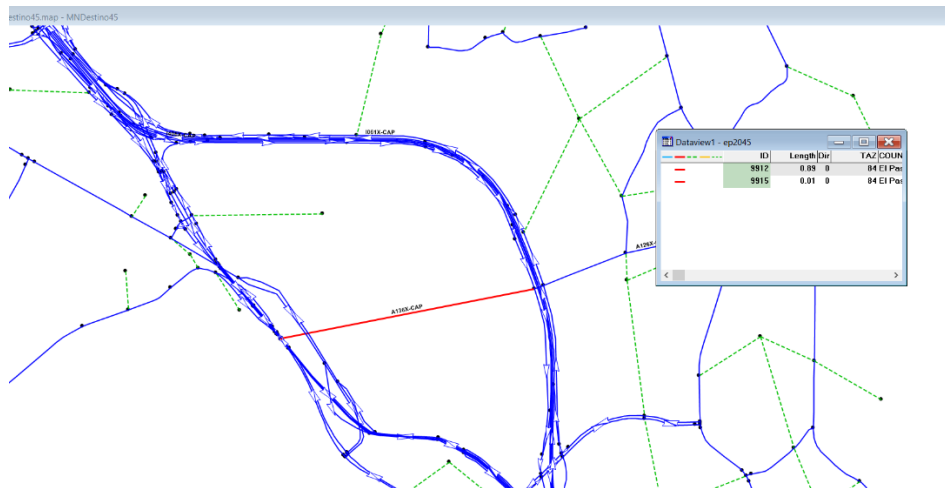


A8.- Mesa Park extension (A136X-CAP, CSJ 0924-06-590)

Project Description: Build 4 lanes undivided road extension.

Limits: From IH-10 to SH 20 (Doniphan Dr.)

Amendment: Project was moved from 2030 to forecast year 2040. Roadway attributes (FUNCL, LANES, BuiltYear, ProjectID, etc.) were updated to reflect project in 2040.



B) Projects moved from the 2020 to 2030 network year:

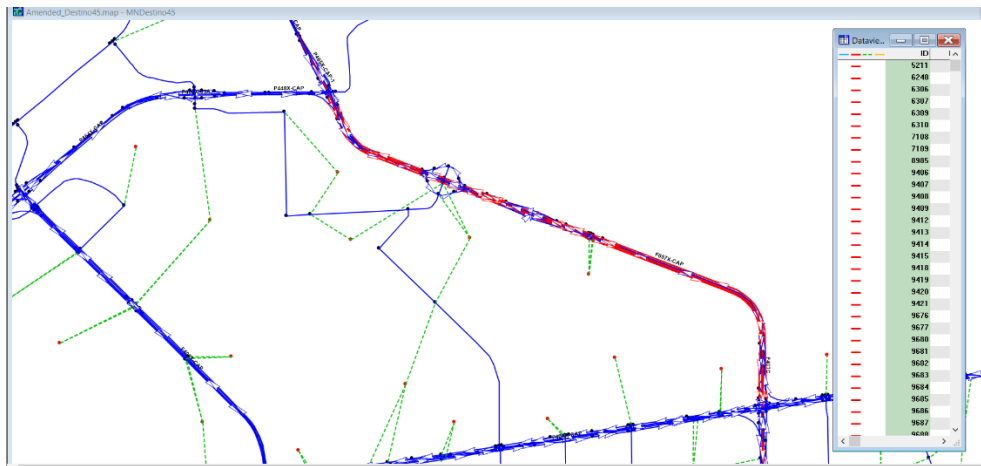
B1.- Loop 375 (Purple Heart) Widening and Construction of Frontage Roads. (Project ID: F057X-CAP CSJ: 2552-02-028)

Project Description: Widen 4 to 6 lanes on mainlanes and construct 2 lane frontage roads in each direction.

Limits: From Spur 601 to US 62/180 (Montana Ave)

Amendment: Project was moved from 2020 to forecast year 2030. Roadway attributes (FUNCL, LANES, BuiltYear, ProjectID, etc.) were updated to reflect project in 2030. The additional lane was coded as a separate inside link in Destino 2045 as an alternative to a potential managed lane. It has been kept as a separate link in the amendment.

Link IDs 9737, 9714, 9730,9719 were moved to 2030 in addition to centroid connectors.



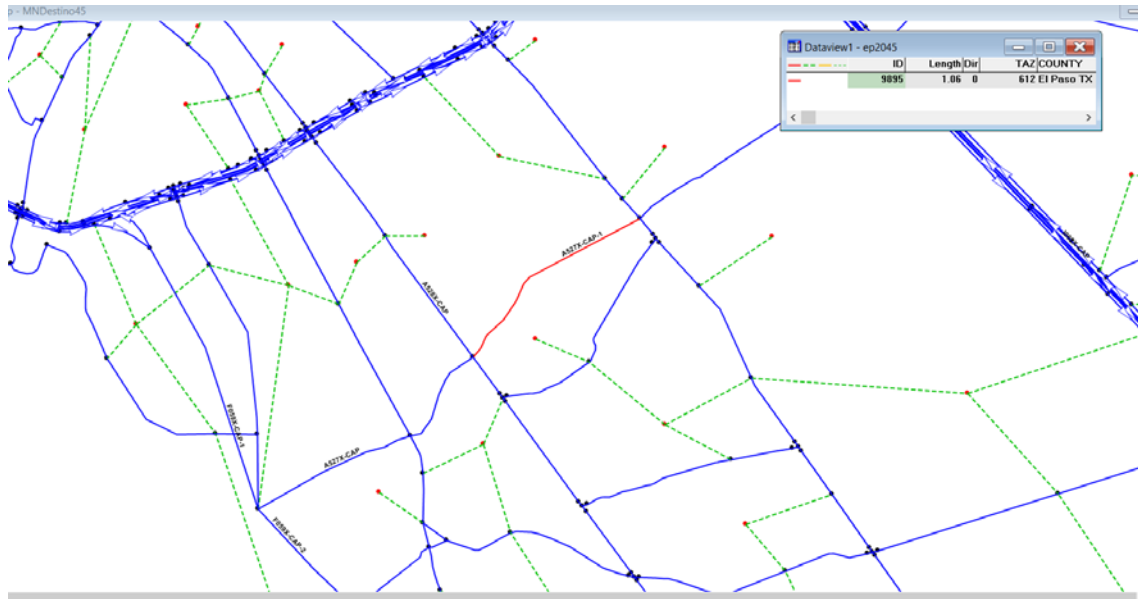
C) Projects moved from the 2040 to 2030 network year:

C1.- Nuevo Hueco Tanks extension- Phase I (Project ID: A527X-CAP-1, CSJ: 0924-06-607)

Project Description: Build 4 lane roadway

Limits: From FM 76 North Loop Dr. to SH 20 – Alameda Avenue

Amendment: Project A527X-CAP was divided into two phases. Phase I was moved from 2040 to forecast year 2030. Roadway attributes (FUNCL, LANES, BuiltYear, ProjectID, etc.) were updated to reflect project in 2030. The street name was also updated from “Old” Hueco Tanks to “Nuevo” Hueco Tanks.

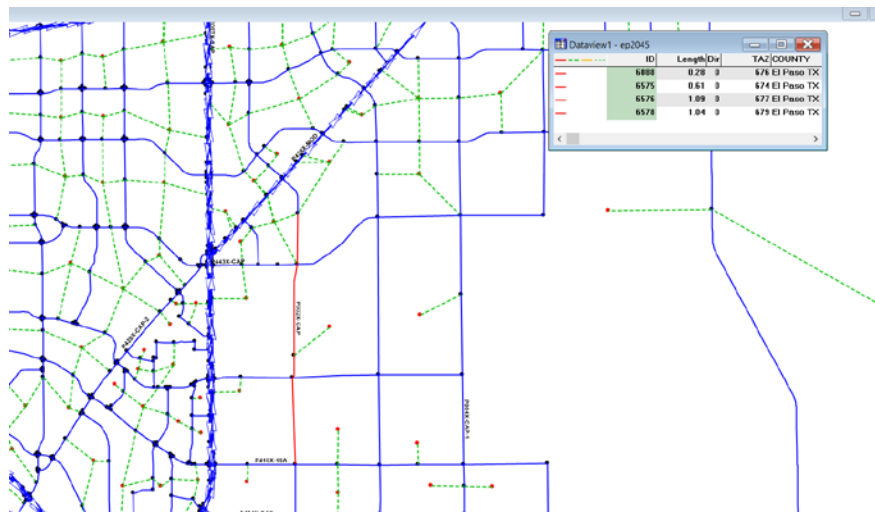


C2.- Tierra Este (Arterial 1) (Project ID: P002X-CAP-1 and P002X-CAP-2)

Project Description: Build 6 lane divided with bicycle lanes

Limits: From Pellicano to Cozy Cove.

Amendment: Project was moved from 2040 to forecast year 2030. Roadway attributes (FUNCL, LANES, BuiltYear, ProjectID, etc.) were updated to reflect project in 2030. Ultimate Project ID P002X-CAP-2 will be coded in the model.



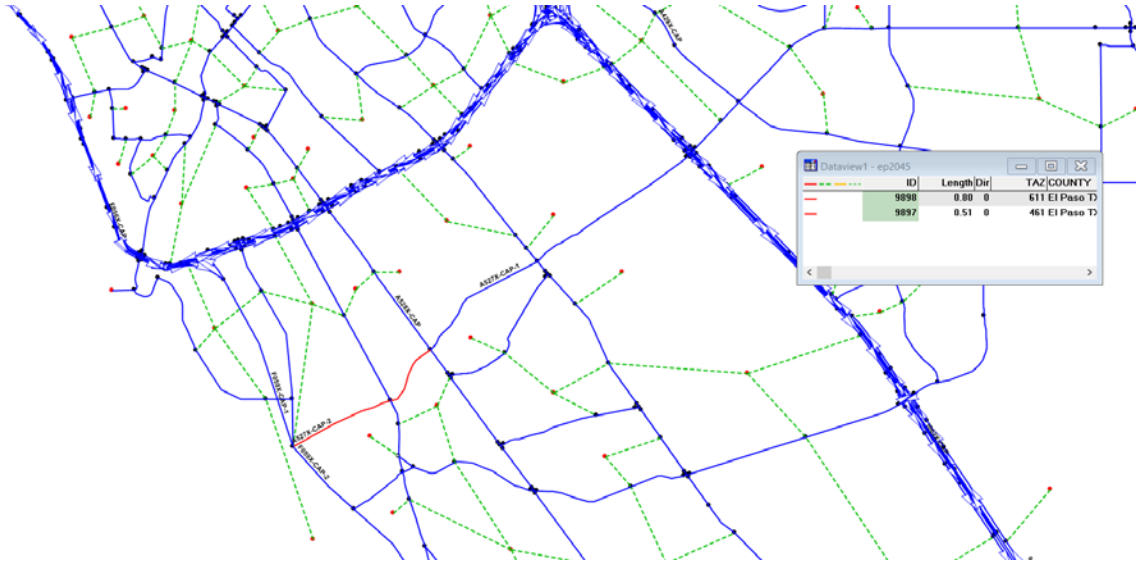
D) New Phases

Nuevo Hueco Tanks Extension- Phase II (Project ID: A527X-CAP-2, CSJ: 0924-06-607)

Project Description: Build 4 lane roadway

Limits: From SH 20 – Alameda Avenue to Border Highway East (BHE)

Amendment: Project A527X-CAP was divided into two phases (A527X-CAP-1 and A527X-CAP-2). This segment stays in the 2040 network. Only the street name and the Project ID were changed to reflect phase 2 (Links 9898, 9897)



E) Road Diets

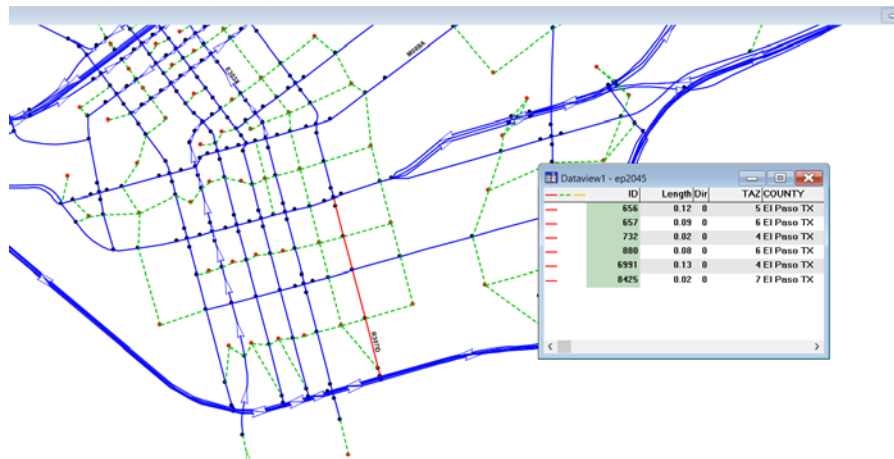
E1.- CBD IV (ProjectID: R307D, CSJ: 0924-06-562)

Campbell St./Kansas St. from Eighth Ave. to Paisano Dr. (0.38 miles)

Campbell St/Kansas St. will be reduced from 3 to 2 lanes (2-each direction) to accommodate the proposed 2-way cycle track in 2030. Campbell St. and Kansas St. are model as a pair. One segment three lanes in each direction. There are 5 links that will have to be updated from 3 to 2 lanes in 2030. In addition, link ID 732 (from Eight Ave. to Loop 375) will be reduced to 1 lane in each direction in 2020 to code existing conditions. Kansas is now closed to at the Loop 375 and Campbell only has access to the westbound lanes of Loop 375.

For information on the downtown connectivity to Border Highway West MPO used the following schematics:

https://cityofelpaso-my.sharepoint.com/:b/g/personal/perezsa_elpasotexas_gov/EQ4HAo_jJwZBIQB-YpZWqSIBkFUVkwNq2MHY9cOFIdmJRQ?e=fmcj7N



E2.- Downtown Bicycle Improvements Phase I (ProjectID: M089A, CSJ: 0924-06-570)**a) Campbell St. from Missouri Ave. to Paisano Dr. (0.56 miles)**

This segment of Campbell St. will be reduced from 3 to 2 lanes to accommodate the proposed 2-way cycle track facility in 2030. Campbell St. and Kansas St. are coded as a pair, one segment with three lanes in each direction. There are 13 links that will have to be updated from 3 to 2 lanes in the northbound direction (LANES_AB).

b) Mills Ave. from Sheldon Ct. to Virginia St. (0.5 miles)

This segment of Mills Ave. will be reduced from 3 to 2 lanes (one-lane per each direction) to accommodate the proposed sharrows & bike lane in year 2030. Mills Ave. is only coded in the model from Sheldon Ct. to Mesa St. The segment from Sheldon Ct. to Oregon St. is coded as a 3-lane one-way street and from Oregon St. to Mesa St. is coded as a bi-directional street one-way each direction.

Network edits: Link ID 970 was divided at Sheldon Ct. to create a new link from node 7127 to 3143 (El Paso St to Oregon St) with DIR=0 and one-lane per each direction. The new link is enabled from years 2030 and beyond. Links 8397 and new link 10067 were disabled from years 2030 and beyond.

c) Missouri from Mesa St to Campbell. (0.19 miles)

This segment of Missouri will be reduced from 3 to 2 lanes to accommodate the proposed 2-way cycle track facility in 2030. The model will be updated to reflect the reduction to 2 lanes.

Link IDs: 932,934,935,8376,8381.

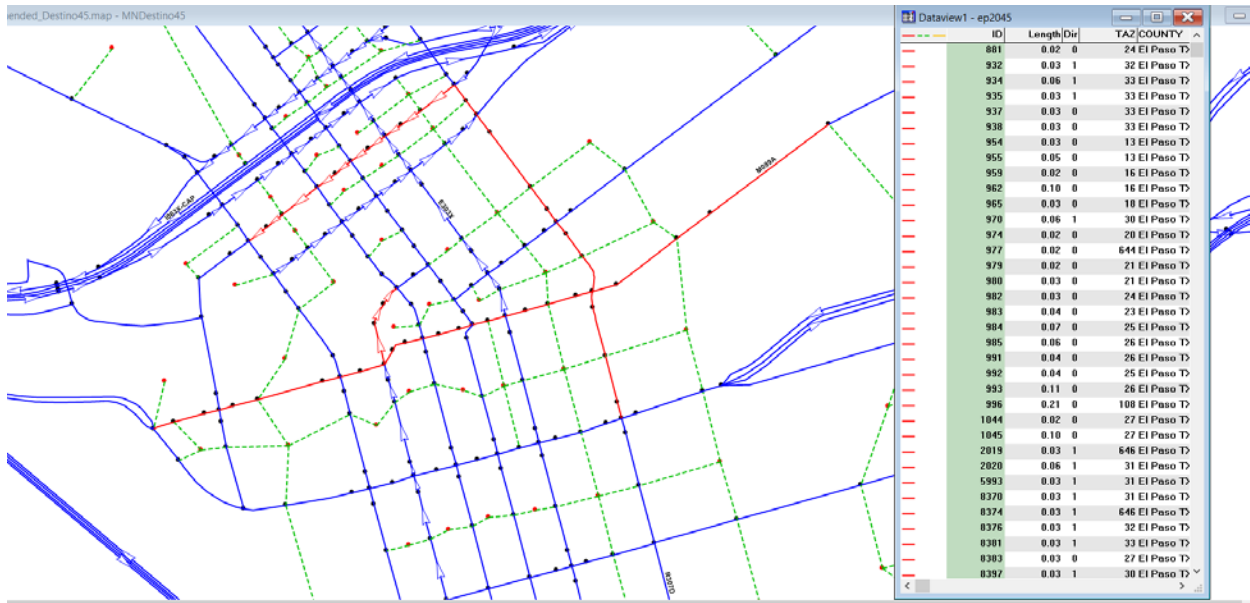
d) San Antonio from Anthony to Virginia. (0.84 miles)

The segment of San Antonio Ave. from El Paso St. to Campbell St. will be reduced from existing 3 lanes (2 EB/1 WB) to 2 lanes (one each direction) to accommodate the proposed sharrows and bike lane in 2030.

This segment of San Antonio is modeled as a pair link with Overland St. with 3-lanes each direction. The segment from Pasano Dr. to El Paso St. only needs a change in the local street name to San Antonio/Overland. For the segment from El Paso St. to Magoffin/Myrtle, 13 links will have to be coded as 2 lanes in the westbound direction and 2 lanes in the eastbound direction to represent the lane reduction (road diet).

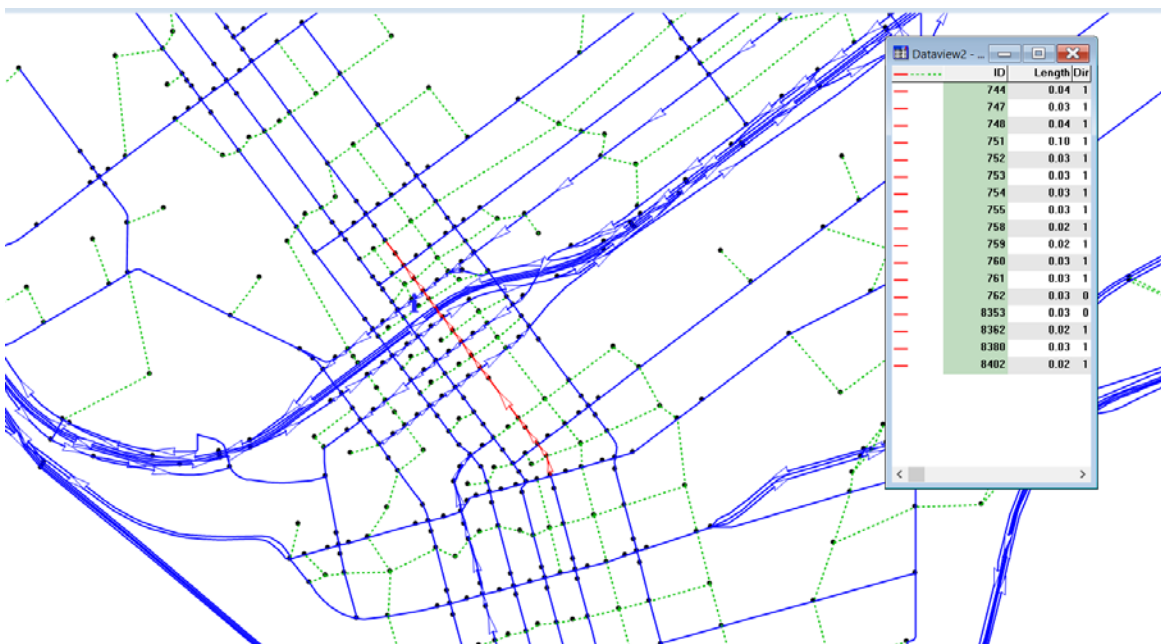
e) Magoffin from San Antonio to Virginia:

Magoffin Ave. (EB one-way street) will be reduced from 3 lanes to 2 lanes from San Antonio Ave. to Virginia St. to accommodate a bike facility in 2030. The road is coded as a pair with Myrtle Ave. (WB one-way street). Two links will have to be reduced from 3 to 2 lanes in the Eastbound direction (AB_Lanes). Link ID 996 will have to be divided at Virginia St. to detail code the limits. "Local_Street" also needs to be updated to Magoffin Ave./Myrtle Ave. to identify the correct street pair. New Link ID = 10068 Topology direction is inverted (AB_Lane is westbound direction), therefore for this link the BA_Lanes was coded as 2 lanes. Please see below item F7 for model update coding in 2020 along Myrtle Ave.



E3.- Stanton Two-Way Cycle Track Roadway Improvements. (ProjectID: E303X, CSJ: 0924-06-571)

The segment of Stanton St. from San Antonio Ave. to Rio Grande Ave. (0.57 miles) will be reduced from 3 to 2 lanes to accommodate the proposed 2-way cycle track in 2030. This segment is currently coded as 3 lanes northbound from San Antonio Ave. to Montana Ave. and 2 lanes NB/ 1 lane SB from Rio Grande Ave. to Montana Ave. as existing. There are 15 links that will have to be reduced from 3 to 2 lanes in the northbound direction (AB_Lanes). And 2 links (8353, 762) were reduced to 1 lane on each direction.



F) Model updates

F1.- SH 178 Artcraft Road Interchange Improvements. (ProjectID: P136X, CSJ: 3592-01-009)

Artcraft (SH178) Interchange is expected to let in 2023 and open to traffic in late 2025. The interchange was detail coded in the 2030 network, including ramp reversal to ramps on I-10 north and south of the interchange as presented in the schematic provided by TxDOT.

https://cityofelpaso-my.sharepoint.com/:b/g/personal/perezsa_elpasotexas_gov/EZCpQAq-HfpOhfAoWwN5-XAB2m4bTZRTfdpJbQK2kllSdg?e=vqxu4l

Four (4) direct connector ramps will be built (SB-WB, EB-NB, EB-SB and NB-WB). The 1-10 Eastbound to SH 178 Westbound ramp is being suggested by TxDOT to be coded as 1-lane and the rest of the ramps as 2-lanes.

The interchange will be detail coded in the model in year 2030. Artcraft/Paseo del Norte segment from 0.28 Miles west of I-10 to Northwestern Dr. is coded as a one bi-directional link. This segment will have to be coded as two directional links to be able to add the direct connectors. Ramps are also proposed to be re-located along Artcraft and I-10.

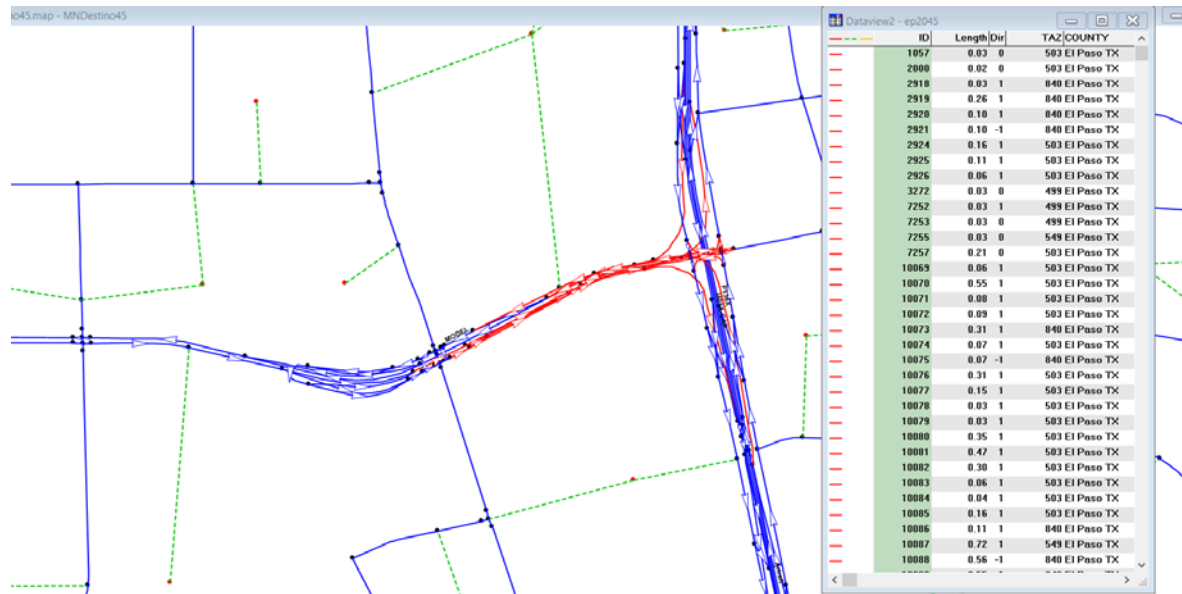
New links added: 10074, 10075, 10072,10071,10070,10073,10069 (DC-Ramp),10080,10081,10083,10084,10095,10092,10093,10098,10099,10100,10106.

Links divided: 2924, 2921,2926,707,679,675,707,3258,668,676,7252,681,687,689,1152.

Links 2922 is shown as 4 lanes in the schematic but there are only 3 existing. Adding the lane will require changing the description in the project list. The links were kept as 3 lanes in 2030.

Ramps ID 667,671,672,3261 removed in 2030.

Link IDs: 1057, 2000, 3272, 7253, 7255, 7257 (removed in 2030, update coding to bi-directional)



F2.- IH 10 widening. (ProjectID: I405X-CAP, CSJ: 2121-01-094)

https://cityofelpaso-my.sharepoint.com/:f:/g/personal/perezsa_elpasotexas_gov/EguLO3qU8ypKiDrSRBTftxQBwgY5XQ8Lqt pL3vCHwF6rng?e=4hlvai

Project Description: Widen from 4 to 6 lanes divided

Limits: From FM 1905 (TX/MX Stateline) to SH 20 (Mesa St.)

Amendment: The widening of IH 10 is already coded in the model in network year 2030. The additional lane was coded as a separate inside link in Destino 2045 as an alternative to a potential managed lane. The model update was to detail code the overpass at Los Mochis Dr. (ID= 10153) and the ramp reversal as provided in the latest schematics.

Links divided: 254,3258,10104,665,3257,3255,9325,10142,10149,10143,9325,578, 573,3254,9316,539,10166,10165,573,3254,51,41,43,9321,43,2665,165,10175,1649,351,93,9868,3250, 91.

F3.- LP 375 @ Spur 601 (Direct Connectors) (ProjectID: P448X-CAP, CSJ: 1046-03-005)

Project Description: Construct 2-lane Northbound to Westbound and 2-lane Eastbound to Southbound direct connectors.

Limits: Spur 601 Liberty Expy at Loop 375 (Purple Heart)

Amendment: Project was moved from 2020 to 2030 network year. The attributes were updated to reflect the change to 2030 network. Operational Improvements. Coded as Model update. Not part of the conformity determination.

Link IDs: 6700, 9726, 9945.

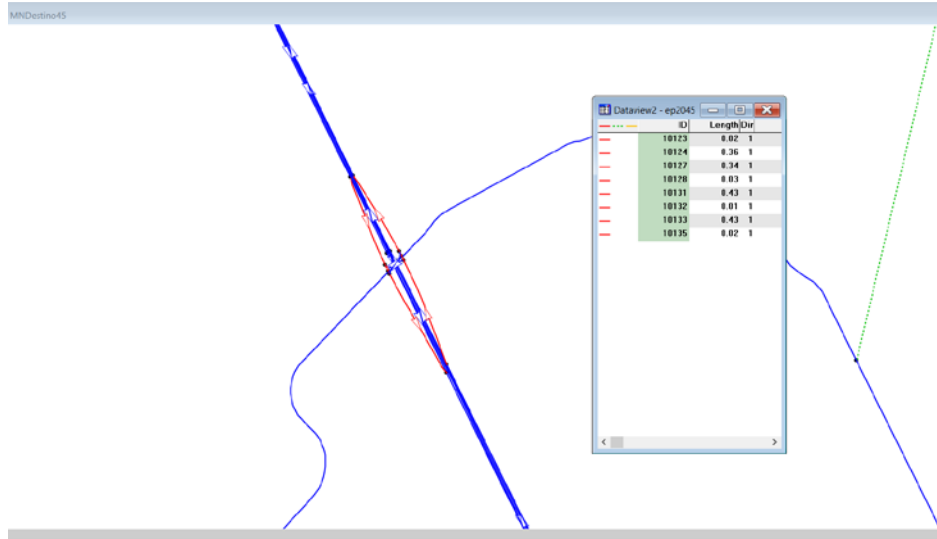
F4.- SL 375 Interchange (at SGT Major) (ProjectID: F409X-MOD CSJ: 2552-02-035)

Project Description: Operational improvements for the intersections of Sargent Major Blvd

Limits: 1.0 miles north of SGT Major to 1.0 miles south of SGT Major

Amendment: New project in 2030 network, detail coding of u-turn (10129,10136) at intersection was coded. A model update was needed in 2020 to be able to detail code the u-turns in 2030. Links 10123,10124,10127,10128,10131,10132,10133,10135 to detail code the intersection.

Divided links: 9387, 9399, 6234, 7485, 9404,7099.



F5.- Mesa Park Dr. (ProjectID: A126X-CAP) Moved to 2030.

Project Description: Build 4 lane divided

Limits: From IH-10 to Mesa Ave.

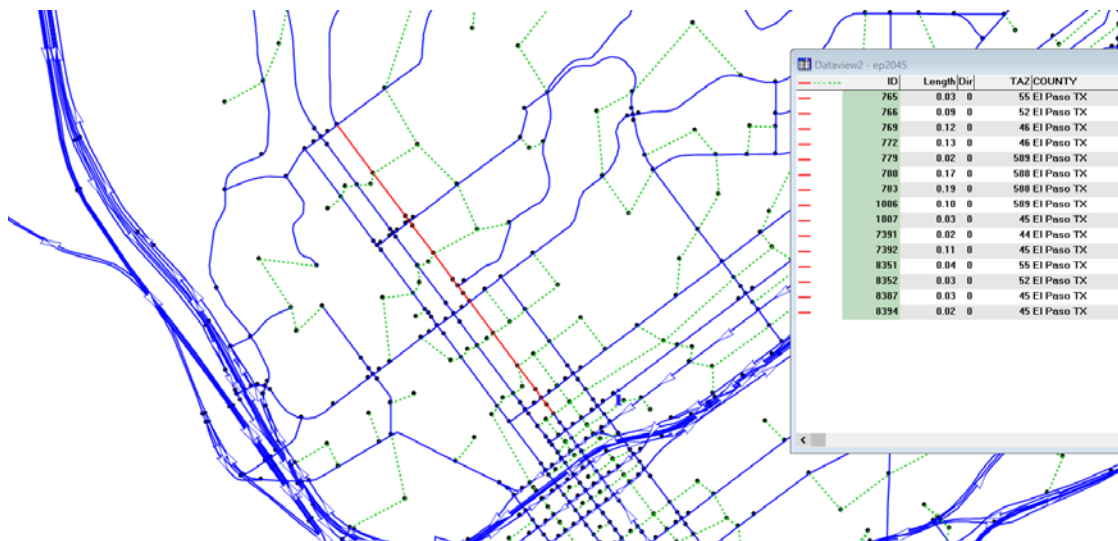
Amendment: Project was moved from 2020 to forecast year 2030. Roadway attributes (FUNCL, LANES, BuiltYear, ProjectID, etc.) were updated to reflect project in 2030. Project was incorrectly coded in year 2020 in the Destino 2045 TDM.

F6.- Street Car and Bike lanes –Model update (EDIT_Amend= “Street Car”)

Project Description: New transit service intended to reduce congestion and CO emissions. Initiated operations in 2019.

Limits: segment of Stanton street is from Rio Grande to Baltimore (Segment that was reduced 1 lane in each direction to accommodate the bike lanes and street car/turn lane).

Amendment: Reduce one lane in each direction in 2020 network.



F7.- Myrtle from Ochoa St. to Cotton (Links: 996,997,1151,8503)

This segment of Myrtle is coded as a pair with Magoffin Ave. There was a reduction of lanes due to angle parking from 3 to 2 lanes. The network was updated to reflect this change in 2020. Please be aware of the link's topology direction since it varies along this segment. In some links it is the AB_Lanes that were updated and other links was the BA_Lanes.

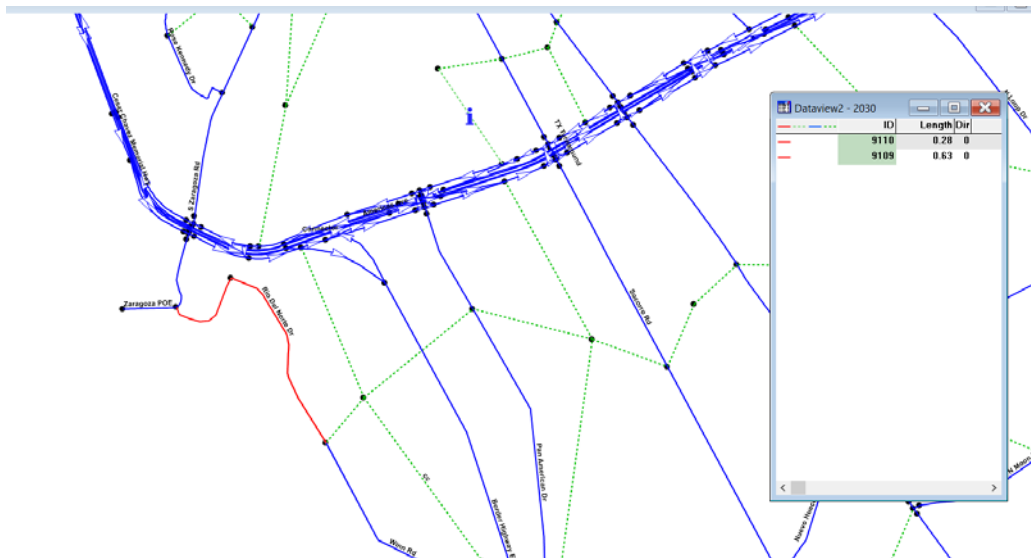
F8.- El Paso St. (EDIT_Amend= "Paseo de las Luces")

El Paso St. North of Paisano Dr. (from node 3153 to 7127) was converted from a one-way three lane street to a bi-directional street one-lane each direction. New links (10198,101998,10200) were created with DIR=0 and one-lane per each direction. These links are enable from years 2020 and beyond. Links 970, 971, 973, 8413, 8559 were disabled from years 2020 and beyond.

Similarly, El Paso St. South of Paisano Dr. Link IDs: 646,651,652, and 8431 were reduced from 3 lanes one-way to 2 lanes one-way in 2020 to reflect existing conditions.

F9.- Winn Rd./Rio del Norte (Links 9109, 9110)

Segment of Rio del Norte from the Zaragoza POE Campus to Winn Rd. was updated to reflect existing 4 lanes (2 lanes in each direction) and the Functional Classification was updated to FUNCL=4 for consistency with Winn Rd. This is a detail coding (update) to a project in the Amended Horizon 2040 MTP for the 2020 network.



F10.- US (Patriot Fwy) Mainlanes (MPO ID: F001B-15A, CSJ: 0167-01-122)

Project Description: Build 4 lane divided Hwy and grade separations

Limits: From Kenworthy St. to FM 2529 (mCcOMBS St)

Amendment: The mainlanes are already coded in the model in network year 2030. The model update was to detail code the ramp reversal as provided in the latest schematics.

https://cityofelpaso-my.sharepoint.com/:f/g/person/perezsa_elpasotexas_gov/ElmJZT94h1JLtkEZvwi9WtkBdMnCV1qBPBgu0nx-l2EPOQ?e=2igzd0

Links divided: 1902,1907,2610,6693,6695,6697,1893,6695,6696,6697

New links: 10205-10225

