



El Paso Metropolitan Planning Organization

Transportation Policy Board

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Eduardo Calvo,
Executive Director

April 22, 2019

Mr. Bob Bielek, P.E., District Engineer

TxDOT-El Paso District

13301 Gateway Blvd. West

El Paso, TX 79928-5410

RE: Revisions to the 2019-2022 Destino Transportation Improvement Program (TIP) for inclusion in the 2019-2022 Statewide Transportation Improvement Program (STIP).

Dear Mr. Bielek:

Enclosed are TIP pages for inclusion into the 2019-2022 Statewide Transportation Improvement Program (STIP). The Transportation Policy Board (TPB) will approve the amendments at the April 26, 2019 meeting.

Highway Projects:

1. Amend the Pellicano Dr. Widening/Build project (MPO ID P410X-15A/CSJ 0924-06-534) Widen from 2-lanes to 6-lanes divided, with 5' bike lane and 5' multi-purpose path and landscaping to move from Fiscal Year (FY) 2019 to FY 2020. Construction cost includes \$1,780,000 of CAT5 Congestion Mitigation and Air Quality (CMAQ), \$8,220,000 of Cat 7 Surface Transportation Program/Metro Mobility (STP/MM) and \$13,000,000 CAT 10 Coordinated Border Infrastructure (CBI) totaling \$23,000,000.
2. Amend the University Avenue Pedestrian and Bike Enhancement-Phase III project (MPO ID E108X-3/CSJ 0924-06-064) to:
 - a. Reflect TxDOT administrative cost by adding Engineering as a phase of the project, reflecting Preliminary Engineering from \$158,147 to \$99,496, Construction from \$1,324,768 to \$1,225,272 for a new Total Project cost of \$1,324,768;
 - b. Change the old limits "From": Starting at a distance of 1,035 feet in a southwesterly direction on University AVE from the referenced City Monument at Kansas ST and University AVE, "To": To a point southwesterly 450 feet long University AVE; to the new limits "From": (On University) 1,035' W of Kansas "To": 1,485' W of Kansas St; and
 - c. Move from FY 2019 to FY 2020.
3. Deprogram the Bluetooth Detectors and Radar Vehicle Sensing Devices (RVSDs) on US 54 project (MPO ID F201X/CSJ 0167-01-115) using \$730,000 of Cat 5 CMAQ in FY 2020.
4. Program the Install RVSDs & CCTVs on US 54 project (MPO ID F202X/CSJ 0167-01-127) from FM 2529 (McCombs St) to New Mexico State Line using \$730,000 of Cat 5 CMAQ in FY 2020.

Transit Projects:

1. Program the Dyer RTS Operating Assistance YR1 – 2019 YE Balance Funding project (MPO ID T065X-A/ CSJ 0924-06-588) using \$1,250,000 of CAT 5 CMAQ and \$678,352 of Local Contribution in FY 2019.

The Transportation Project Advisory Committee (TPAC) meeting and the Transportation Policy Board (TPB) meetings were used as open forums for the MPO public involvement process and these meetings were advertised in local newspapers.

Sincerely,

A handwritten signature in black ink, appearing to read 'Eduardo Calvo', with a stylized flourish at the end.

Eduardo Calvo
Executive Director

Enclosures

cc: Eddie Valtier, TXDOT-EI Paso
Marty Boyd, TXDOT-EI Paso
Art Estrada, TXDOT-EI Paso

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOY COST
TX DIST. 24	EP	0167-01-115	US 54	C,E	El Paso	TXDOT	\$0
TIP PROJECT NAME: Bluetooth Detectors and Radar Vehicle Sensing Devices (RVSDs) on US 54					REVISION DATE:	05/2019	
LIMITS FROM:	Loop 375 (Transmountain)				MPO PROJECT ID:	F201X	
LIMITS TO:	FM 2529 (McCombs)				MTP REFERENCE:	F201X	
TIP DESCRIPTION:	Bluetooth Detectors and Radar Vehicle Sensing Devices (RVSDs) on US 54: Installation of Bluetooth Detectors and Radar Vehicle Sensing Devices (RVSDs) along US 54 for data gathering to display travel time messages on US 54 dynamic message signs (DMS).				FUNDING CATEGORY:	CAT 5 CMAQ	
REMARKS:	Amend the D2045 MTP, D19-22 TIP, 19-22 STIP to deprogram.						

DEPROGRAMMED FROM: FY 2020

PROJECT HISTORY:
Program D2045 MTP, D19-22 TIP, 19-22 STIP, in FY 2020.

Total Project Cost Information:		Authorized Funding by Category/Share								
Preliminary Engineering:	\$36,532	Cost of Approved Phases:	Cat 5	CMAQ	Federal Share	State Share	Regional Share	Local Share	Lcl Contribution	Total Share
Right Of Way:	\$0				\$0	\$0	\$0	\$0	\$0	\$0
Construction:	\$693,468		Fund by Share	\$0	\$0	\$0	\$0	\$0	\$0	
Construction Engineering:	\$0			\$0	\$0	\$0	\$0	\$0		
Contingencies:	\$0			\$0	\$0	\$0	\$0	\$0		
Indirects:	\$0									
Bond Financing:	\$0									
Potential Change Order:	\$0									
Total Project Cost:	\$730,000		\$0							

11/2016	2020	10/2016	Amend H2040 MTP, H17-20 TIP, 17-20 STIP to program in FY 2020 EXEMPT
07/2018	2020	05/2018	Program D2045 MTP, D19-22 TIP, 19-22 STIP, in FY 2020.
05/2019	2020	04/2019	Amend the D2045 MTP, D19-22 TIP, 19-22 STIP to deprogram.
'STIP Rev Date(s)' also refers to TIP Administrative Amendment (Local Revision) Date			

EL PASO MPO
2019-2022 TRANSPORTATION IMPROVEMENT PROGRAM
EL PASO DISTRICT PROJECTS
FY 2019 (SEPT - AUG)

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOY COST
TX DIST. 24	EP	0924-06-588	N/A	T	El Paso	Sun Metro	\$1,928,352
TIP PROJECT NAME: Dyer RTS Operating Assistance YR1 - 2019 YE Balance Funding					REVISION DATE:	05/2019	
LIMITS FROM:	Downtown Terminal - Santa Fe and Fourth				MPO PROJECT ID:	T065X-A	
LIMITS TO:	Northgate Terminal - Dyer at Wren				MTP REFERENCE:	T065X-A	
TIP DESCRIPTION:	Dyer RTS Operating Assistance YR1 - 2019 YE Balance Funding: 1st Year of Dyer BRT-RTS operations.				FUNDING CATEGORY:	CAT 5 CMAQ, CAT 3 LC	
REMARKS:	Amend the D2045 MTP, D19-22 TIP, 19-22 STIP to program into FY 2019. EXEMPT				VOC (Kg/Day): 6.931	CO (Kg/Day): 109.653	
					NOX (Kg/Day): 9.118	PM 10 (Kg/Day): 2.166	

Total Project Cost Information:			Authorized Funding by Category/Share						
Preliminary Engineering:	\$0	Cost of Approved Phases: 							

PROJECT AMENDMENT HISTORY

STIP Rev Date(s)	FY(s)	Note/Amend Date	Note/Amendment
05/2019	2019	04/2019	Amend the D2045 MTP, D19-22 TIP, 19-22 STIP to program into FY 2019. EXEMPT
'STIP Rev Date(s)' also refers to TIP Administrative Amendment (Local Revision) Date			

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOY COST
TX DIST. 24	EP	0167-01-127	US 54	C,E	EL PASO	TXDOT	\$730,000
TIP PROJECT NAME: Install RVSDs & CCTVs on US 54					REVISION DATE:	05/2019	
LIMITS FROM:	FM 2529 (McCombs St)				MPO PROJECT ID:	F202X	
LIMITS TO:	New Mexico State Line				MTP REFERENCE:	F202X	
TIP DESCRIPTION:	Installation of Radar Vehicle Sensing Devices(RVSDs) and Closed Circuit Televisions (CCTVs) on US 54, McCombs-Stateline				FUNDING CATEGORY:	CAT 5 CMAQ	
					VOC (Kg/Day): 0.421	CO (Kg/Day): 4.655	
REMARKS:	Amend D2045 MTP, D19-22 TIP, 19-22 STIP to program in FY 2020 EXEMPT				NOX (Kg/Day): 0.631	PM 10 (Kg/Day): 0.839	

Total Project Cost Information:			Authorized Funding by Category/Share									
Preliminary Engineering:	\$56,154	Cost of Approved Phases: \$730,000	Cat 5	CAT 5 CMAQ	Federal Share	State Share	Regional Share	Local Share	Lcl Contribution	Total Share		
Right Of Way:	\$0				\$584,000	\$146,000	\$0	\$0	\$0	\$730,000		
Construction:	\$561,538		Fund by Share				\$584,000	\$146,000	\$0	\$0	\$0	\$730,000
Construction Engineering:	\$56,154											
Contingencies:	\$56,154											
Indirects:	\$0											
Bond Financing:	\$0											
Potential Change Order:	\$0											
Total Project Cost:	\$730,000											

PROJECT AMENDMENT HISTORY

STIP Rev Date(s)	FY(s)	Note/Amend Date	Note/Amendment
05/2019	2020	04/2019	Amend D2045 MTP, D19-22 TIP, 19-22 STIP to program in FY 2020 EXEMPT
'STIP Rev Date(s)' also refers to TIP Administrative Amendment (Local Revision) Date			
TX DIST. 24	EP	0924-06-534	CS C El Paso County EP \$23,000,000
TIP PROJECT NAME: Pelicano Dr Widening/Build			
LIMITS FROM:	Joe Battle (Loop 375)		REVISION DATE: 05/2019
LIMITS TO:	Darrington (Berryville St.)		MPO PROJECT ID: P410X-15A
TIP DESCRIPTION:	Pelicano Dr. Widening/Build: Widening/Build from 2 to 6-Lanes Divided, with 5' bike lane and 5' multi-purpose path and landscaping		MTP REFERENCE: P410X-15A
			FUNDING CATEGORY: CAT 7 STP, CAT 5 CMAQ, CAT 10 CBI
REMARKS:	Amend D2045 MTP, D19-22 TIP, 19-22 STIP to move from FY 2019 to FY 2020.		VOC (Kg/Day): 0.346 CO (Kg/Day): 12.132
			NOX (Kg/Day): 1.08 PM 10 (Kg/Day): 0.746

*Project Sponsor paying for PE and/or ROW Costs, if any.

PROJECT HISTORY:

Admin amend to add \$5,000,000 Category 10 Coordinated Border Infrastructure (CBI) funds in FY 2019.

Total Project Cost Information:				Authorized Funding by Category/Share						
Preliminary Engineering:	\$2,700,000	Cost of Approved Phases: \$23,000,000		Federal Share	State Share	Regional Share	Local Share	Lcl Contribution	Total Share	
Right Of Way:	\$0		Cat 5	CMAQ	\$1,424,000	\$0	\$0	\$356,000	\$0	\$1,780,000
Construction:	\$23,000,000		Cat 7	STP	\$6,576,000	\$0	\$0	\$1,644,000	\$0	\$8,220,000
Construction Engineering:	\$0		Cat 10	CBI	\$10,400,000	\$0	\$0	\$2,600,000	\$0	\$13,000,000
Contingencies:	\$0		Cat -		\$0	\$0	\$0	\$0	\$0	\$0
Indirects:	\$0									
Bond Financing:	\$0		Fund by Share	\$18,400,000	\$0	\$0	\$4,600,000	\$0	\$23,000,000	
Potential Change Order:	\$0									
Total Project Cost:	\$25,700,000									

PROJECT AMENDMENT HISTORY

STIP Rev Date(s)	FY(s)	Note/Amend Date	Note/Amendment
02/2019	2019		Amend to add \$5,000,000 Category 10 Coordinated Border Infrastructure (CBI) funds with already approved \$8,220,000 of CAT 7 (STP/MM), \$1,780,000 of CAT 5 CMAQ, and \$2,700,000 of Local Contribution for a total construction cost of \$23,000,000 in FY 2019.
07/2016	2019	06/2016	Amend to program amended H2040 MTP, H17-20 TIP, 17-20 STIP, FY 2019
02/2017	2019	10/2016	Amend H2040 MTP, H17-20 TIP, 17-20 STIP to program in FY 2019 due to eSTIP upload error on doubling the funds to \$34 million. NONEXEMPT
11/2017	2019	11/2017	Admin Amend to change project description to "Widening/Build from 2 lanes to 6-Lanes Divided, with 5' bike lane and 5' multi-purpose path and landscaping"
02/2018	2019	02/2018	Amend to add \$8,000,000 Category 10 Coordinated Border Infrastructure (CBI) funds with already approved \$8,220,000 of CAT 7 (STP/MM) and \$1,780,000 of CAT 5 CMAQ for a total construction cost of \$18,000,000 in FY 2019.
07/2018	2019	05/2018	Program D2045 MTP, D19-22 TIP, 19-22 STIP, in FY 2019.
02/2019	2019	01/2019	Admin amend to add \$5,000,000 Category 10 Coordinated Border Infrastructure (CBI) funds in FY 2019.
05/2019	2020	04/2019	Amend D2045 MTP, D19-22 TIP, 19-22 STIP to move from FY 2019 to FY 2020.
'STIP Rev Date(s)' also refers to TIP Administrative Amendment (Local Revision) Date			

EL PASO MPO
2019-2022 TRANSPORTATION IMPROVEMENT PROGRAM
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FY 2020 (SEPT - AUG)

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOY COST
TX DIST. 24	EP	0924-06-064	CS	C,E	El Paso	UTEP	\$1,324,768
TIP PROJECT NAME: University Avenue Pedestrian and Bike Enhancement - Phase III					REVISION DATE:	05/2019	
LIMITS FROM:	(On University) 1,035" W of Kansas				MPO PROJECT ID:	E108X-3	
LIMITS TO:	1,485' W of Kansas St				MTP REFERENCE:	E108X-3	
TIP DESCRIPTION:	University Avenue Pedestrian and Bike Enhancement - Phase III: Pedestrian and bike enhancements with reconstructed and widened sidewalks, bike lanes, landscape parkways and street lanes.				FUNDING CATEGORY:	CAT 9, CAT 3	
REMARKS:	Amend D2045MTP, D19-22TIP, 19-22 STIP to: reflect TXDOT admin cost by adding E phase to project, reflecting PE from \$158,147 to \$99,496, Construction from \$1,324,768 to \$ 1,225,272 for a TPC of \$ 1,324,768; update limits to "From: (On University) 1,035" W of Kansas", "To: 1,485' W of Kansas St"; and move from FY 2019 to FY 2020						

PROJECT HISTORY:
Admin amend D2045 MTP, D19-22 TIP, 19-22 STIP to update the limits to "From: (On University) 1,035" W of Kansas", "To: 1,485' W of Kansas St" in FY 2019.

Total Project Cost Information:			Authorized Funding by Category/Share							
Preliminary Engineering:	\$99,496	Cost of Approved Phases: \$1,324,768			Federal Share	State Share	Regional Share	Local Share	Lcl Contribution	Total Share
Right Of Way:	\$0		Cat	9TAP TASA	\$530,645	\$0	\$0	\$132,662	\$0	\$663,307
Construction:	\$1,090,511		Cat	3LC Local Contribution	\$0	\$0	\$0	\$0	\$661,461	\$661,461
Construction Engineering:	\$65,000									
Contingencies:	\$69,761									
Indirects:	\$0									
Bond Financing:	\$0		Fund by Share		\$530,645	\$0	\$0	\$132,662	\$661,461	\$1,324,768
Potential Change Order:	\$0									
Total Project Cost:	\$1,324,768									

PROJECT AMENDMENT HISTORY

STIP Rev Date(s)	FY(s)	Note/Amend Date	Note/Amendment
02/2018	2019	01/2018	Amend H2040 MTP, H17-20 TIP, 17-20 STIP to program in FY 2018.
07/2018	2019	05/2018	Program D2045 MTP, D19-22 TIP, 19-22 STIP, in FY 2019.
01/2019	2019	01/2019	Admin amend D2045 MTP, D19-22 TIP, 19-22 STIP to update the limits to "From: (On University) 1,035" W of Kansas", "To: 1,485' W of Kansas St" in FY 2019.
05/2019	2020	04/2019	Amend D2045MTP, D19-22TIP, 19-22 STIP to: reflect TXDOT admin cost by adding E phase to project, reflecting PE from \$158,147 to \$99,496, Construction from \$1,324,768 to \$ 1,225,272 for TPC of \$ 1,324,768; update limits to "From: (On University) 1,035" W of Kansas", "To: 1,485' W of Kansas St"; and move from FY 2019 to FY 2020
'STIP Rev Date(s)' also refers to TIP Administrative Amendment (Local Revision) Date			

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)
2551-01-901	A134X	FM 1905 RECONSTRUCTION	RECONSTRUCTION OF ROADWAY	SH 20 (S MAIN ST)	I-10	2030	\$2,710,107	\$4,512,527	\$200,033	\$0	\$4,712,560	Anthony	2030
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
0924-06-190	R307D	Central Business District Phase 4 (CBD 4)	Reconstruction Or Resurfacing Of City's Downtown Streets. Streets Include Oregon, Mesa, Campbell & Kansas From Paisano To Border Highway And Sixth From Campbell To El Paso. Also Includes Conversion Of Kansas And Campbell From One-Way To Two-Way.	Central Business District; Various		2020	\$10,213,600	\$10,213,600	\$1,802,400	\$0	\$12,016,000	COEP	2020
0374-02-544	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 Vermoland	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 downtown 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; Escondido from Resler; Ojo de Agua from Westwind; Via Descanso from Ojo de Agua; Via Serena from Via Descanso; Marcus Uribe from Martin Luther King Jr; Sean Haggerty from US 54; Will Ruth from Dyer; Diana from US 54; Stahala from Diana; Hondo Pass from US 54; Magentic from Hondo Pass; Stanton from Cliff; Robinson from Oregon; Cotton from San Antonio; Sixth from Cotton; Val Verde from Paisano; Fonseca from Loop 375; Clark from Delta; Montwood from Viscount; Montwood from Zanzibar; Lomaland from Montwood; Phoenix from Hawkins; Alameda from Loop 375; Pellicano from George Dieter; Peter Cooper from Pellicano; George Dieter from Vista Del Sol; Bob Mitchell from George Dieter; Saul Kleinfeld from Turner; Nolan Richardson from Turner; Pebble Hills from Yarbrough; Lee Trevino from Edgemere	High Ridge to Franklin Hills; Escondido to Westwind; Ojo de Agua to Via Descanso; Via Descanso to Via Serena; Via Serena to High Ridge; Marcus Uribe to Benny Emler; Sean Haggerty to Rushing; Will Ruth to McCombs; Diana to Railroad; Stahala to Hondo Pass; Hondo Pass to Magnetic; Magnetic to Atlas; Stanton to Brentwood; Robinson to Piedmont; Cotton to Sixth; Sixth to Campbell; Fonseca to Delta; Clark to Trowbridge; Montwood to McRae; Montwood to Lee Trevino; Lomaland to Trawood; Phoenix to Giles; Pellicano to Loop 375; Peter Cooper to Ben Proctor; George Dieter to Edgemere; Bob Mitchell to Saul Kleinfeld; Saul Kleinfeld to Bob Mitchell; Nolan Richardson to Pebble Hills; Pebble Hills to Lisa Sherr; Lee Trevino to Trawood	2030	\$5,565,968	\$6,511,395	\$319,058	\$0	\$6,830,453	COEP	2021
0924-06-570	M089A	Downtown Bicycle Improvements Phase I	Construct bicycle facilities downtown 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.	Campbell from Missouri; El Paso from Franklin; El Paso from Sheldon; Main from Santa Fe; 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 Main; El Paso to Paisano; Main to El Paso; 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	\$3,347,471	\$4,072,710	\$199,563	\$0	\$4,272,273	COEP	2022
0924-06-571	E303X	Stanton Two-Way Cycle Track Roadway Improvements	Project includes installation of two-way cycle track facilities.	San Antonio Avenue	Rio Grande Avenue	2030	\$467,991	\$569,382	\$27,900	\$0	\$597,282	COEP	2022
0924-06-566	S301D	Traffic Management Center Upgrade Phase 1	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	\$0	\$0	\$5,360,329	\$0	\$5,360,329	COEP	2022
	A429X-CAP	Rojas Dr Widening	Reconstruction and widening from 4 to 6 lanes	LP 375	Approximately 0.63 mi NW of Eastlake Blvd (At El Paso city limits)	2030	\$6,661,737	\$8,429,223	\$413,032	\$0	\$8,842,254	COEP	2023
	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	\$2,470,826	\$121,070	\$0	\$2,591,897	COEP	2023
0924-06-566	S301E	Traffic Management Center Upgrade Phase 2	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	\$3,951,573	\$5,000,000	\$0	\$0	\$5,000,000	COEP	2023
	B201X-PE	Sean Haggerty Dr Extension (PE Phase)	Construct new bridge	Nathan Bay Dr	Dyer St	2030	\$0	\$0	\$1,172,818	\$0	\$1,172,818	COEP	2024
0924-06-567	S301F	Traffic Management Center Upgrade Phase 3	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	\$3,799,589	\$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

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)
0924-06-569	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	\$2,541,487	\$3,617,328	\$177,249	\$0	\$3,794,578	COEP	2026
	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	\$1,453,680	\$2,069,040	\$101,383	\$0	\$2,170,423	COEP	2026
	E501X-2	Playa Drain Hike and Bike Trail (Yarbrough to Midway)	Pedestrian and bicycle facilities with signage, sidewalks, landscaping , furnishings and Illumination.	Yarbrough Dr	Midway Dr	2030	\$3,673,613	\$5,437,845	\$266,454	\$0	\$5,704,300	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
	B201X-CAP	Sean Haggerty Dr Extension (Construction Phase)	Construct 4 lane bridge	Nathan Bay Dr	Dyer St	2030	\$14,184,379	\$21,836,200	\$0	\$0	\$21,836,200	COEP	2028
	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) Yarbrough (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 approximately1,000 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	\$12,741,480	\$20,399,519	\$999,576	\$0	\$21,399,096	COEP	2029
	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	\$9,030,000	\$11,425,831	\$0	\$0	\$11,425,831	County EP	2023
	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	2024
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	\$11,700,000	\$17,318,858	\$0	\$0	\$17,318,858	County EP	2027
	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	Tierra Este (Arterial 1)	Build 6- Lane divided with bike lanes	Pellicano	Cozy Cove	2040	\$17,806,087	\$39,015,330	\$1,911,751	\$2,731,073	\$43,658,154	County EP	2037
	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	Alberton Avenue	2030	\$2,851,697	\$4,221,209	\$1,048,056	\$0	\$5,269,265	Horizon	2027
	A432X	N. Darrington Reconstruction	Reconstruction of an existing 4-lane roadway	Eastlake Boulevard	Oxbow Drive	2030	\$10,275,633	\$17,109,684	\$4,000,000	\$500,000	\$21,609,684	Horizon	2030
	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

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)
	T081X	Far East Connector	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	\$5,400,000	\$7,390,273	\$0	\$517,319	\$7,907,592	Sun Metro	2025
	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 + Buses (2)	Loop 375 Westside	Desert Boulevard	2030	\$3,900,000	\$4,934,744	\$0	\$345,432	\$5,280,176	Sun Metro	2023
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)	2020	\$44,663,725	\$44,663,725	\$2,421,570	\$7,626,000	\$54,711,295	TXDOT	2019
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
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)		2020	\$23,931,284	\$23,931,284	\$0	\$0	\$23,931,284	TXDOT	2020
0002-12-026	P334X	Intersection Operational Improvements at Montana Ave./Paisano Dr.	Intersection Operational Improvements at Montana Ave./Paisano Dr.	At Montana Ave		2020	\$576,605	\$576,605	\$18,451	\$0	\$595,056	TXDOT	2020
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	FM 1905 (TX/NM STATELINE)	SH 20 (MESA ST)	2030	\$148,370,352	\$148,370,352	\$3,591,774	\$0	\$151,962,126	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	\$23,980,000	\$3,148,554	\$0	\$27,128,554	TXDOT	2022
0167-01-122	F001B-15A	US 54 (PATRIOT FWY) MAINLANES	Build 4 lane divided Hwy and grade separations	KENWORTHY ST	FM 2529 (MCCOMBS ST)	2030	\$33,264,338	\$42,090,000	\$2,585,695	\$0	\$44,675,695	TXDOT	2023
1046-03-004	P402X-05A	SS 601 WIDENING	WIDEN FROM 4 TO 6 LANES	AIRPORT ROAD	SL 375 (PURPLE HEART HIGHWAY)	2030	\$13,055,388	\$17,180,000	\$1,441,570	\$0	\$18,621,570	TXDOT	2024
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)	2030	\$29,446,815	\$38,750,000	\$1,887,146	\$0	\$40,637,146	TXDOT	2024
2121-03-146	I006X-15A	IH 10 AT PENDALE RD OVERPASS	CONSTRUCT INTERCHANGE INCLUDING 4 LANE (2 IN EACH DIRECTION) OVERPASS AT IH 10	IH 10 AT PENDALE RD		2030	\$9,301,394	\$12,240,000	\$917,363	\$0	\$13,157,363	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)	2030	\$4,986,961	\$6,825,000	\$277,225	\$0	\$7,102,225	TXDOT	2025
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	2030	\$15,388,336	\$21,060,000	\$3,276,650	\$0	\$24,336,650	TXDOT	2025
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	\$33,885,000	\$2,385,143	\$0	\$36,270,143	TXDOT	2025
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	2030	\$38,171,537	\$54,330,000	\$7,112,345	\$0	\$61,442,345	TXDOT	2026
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
0924-06-917	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).	SL 375 (AMERICAS AVE)	OLD HUECO TANKS EXTENSION	2030	\$139,659,900	\$215,000,000	\$0	\$0	\$215,000,000	TXDOT	2028
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)	2030	\$14,254,786	\$21,944,589	\$1,075,285	\$1,536,121	\$24,555,995	TXDOT	2029
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	\$18,443,415	\$903,727	\$0	\$19,347,142	TXDOT	2029
0924-06-916	A136X-CAP	MESA PARK EXTENSION	BUILD 4 LANE UNDIVIDED ROAD EXTENSION	IH-10	SH 20 (DONIPHAN DR.)	2030	\$7,384,425	\$11,822,702	\$579,312	\$0	\$12,402,015	TXDOT	2029
2121-04-905	I062X-CAP	IH 10 WIDENING	WIDEN FROM 4 TO 6 LANES	EASTLAKE BLVD	FM 1281 (HORIZON BLVD)	2030	\$14,967,308	\$24,921,669	\$1,221,162	\$0	\$26,142,831	TXDOT	2030
0924-06-924	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
0924-06-925	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

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TX Highway and Roadway (FHWA and Local funds)

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0374-02-903	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
0924-06-918	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
1281-01-901	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
0924-06-921	A527X-CAP	Old Hueco Tanks Extension	Build 4 lane roadway	FM 76 North Loop Dr	SL 375 BORDER HWY EAST - BHE	2040	\$16,959,866	\$29,369,001	\$1,439,081	\$0	\$30,808,082	TXDOT	2031
2121-02-902	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
2552-04-904	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
0665-01-901	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
0002-02-902	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
3451-01-901	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
1046-03-904	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
2552-02-904	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
0167-01-901	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
0924-06-915	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, lanscape 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
	A137X	VALLEY CHILE RD RECONSTRUCTION	RECONSTRUCTION OF ROADWAY TO INCLUDE SIDEWALKS, DRAINAGE, LIGHTING AND ILLUMINATION, LANDCSAPING, AND IRRIGATION	SH 20 (DONIPHAN DR)	IH -10	2030	\$4,534,355	\$6,711,953	\$710,657	\$0	\$7,422,610	Vinton/County EP	2030
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
0924-06-563	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

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 1st year service operating assistance	1st year of Montana BRT-RTS operations.	Five Points Terminal - 2830 Montana	Far East Terminal - R.C. Poe - Edgemere	2020	\$1,300,000	\$1,300,000	\$0	\$0	\$1,300,000	Sun Metro-Transit	2020
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

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)
0924-06-574	T092X	Montana RTS 2nd year Operating Assistance	2nd year of Montana RTS operations	Downtown terminal - Santa Fe	Far East Terminal - RC Poe & Edgemere	2030	\$1,956,255	\$2,288,542	\$0	\$0	\$2,288,542	Sun Metro	2021
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	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	2021
0924-06-575	T097X	Montana RTS 3rd year Operating Assistance	3rd year of Montana RTS operations	Downtown terminal - Santa Fe	Far East Terminal - RC Poe & Edgemere	2030	\$1,981,899	\$2,411,283	\$0	\$0	\$2,411,283	Sun Metro	2022
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	\$641,600,000	\$22,914,286	\$1,122,800	\$0	\$24,037,086	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

EL PASO MPO - District 24
FY 2019 - 2022 Transportation Improvement Program

Funding by Category

Thursday, April 4, 2019

Category	Description	FY 2019		FY 2020		FY 2021		FY 2022		Total FY 2019 - 2022	
		Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized
1	Preventive Maintenance & Rehabilitation	\$20,540,000	\$20,540,000	\$21,270,000	\$21,270,000	\$22,000,000	\$22,000,000	\$22,780,000	\$22,780,000	\$86,590,000	\$86,590,000
2M or 2U	Urban Area (Non- TMA) Corridor Projects	\$43,110,000	\$73,024,632	\$34,872,665	\$35,100,000	\$124,931,432	\$124,931,432	\$0	\$36,560,000	\$202,914,097	\$269,616,064
3	Non-Traditionally Funded Transportation Project (Includes Prop 12v1, Prop 12v2, Prop 14, Lcl funds)	\$2,582,617	\$2,740,764	\$810,768	\$810,768	\$2,695,536	\$2,695,536	\$1,194,630	\$1,194,630	\$7,283,551	\$7,441,698
4	Statewide Connectivity Corridor Projects	\$126,117,888	\$126,120,000	\$12,274,620	\$12,274,620	\$0	\$0	\$0	\$0	\$138,392,508	\$138,394,620
5	CMAQ	\$9,542,819	\$10,845,630	\$12,446,933	\$12,700,000	\$10,250,030	\$11,350,000	\$11,446,537	\$11,500,000	\$43,686,319	\$46,395,630
5 Flex	Map21 Flex	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Structures	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7	Metro Mobility & Rehab	\$14,676,000	\$17,218,533	\$28,120,000	\$28,120,000	\$20,150,000	\$20,690,000	\$20,420,000	\$20,940,000	\$83,366,000	\$86,968,533
8	Safety	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Transportation Enhancements	\$2,465,500	\$2,465,500	\$0	\$0	\$0	\$0	\$0	\$0	\$2,465,500	\$2,465,500
9 Flex	TAP	\$847,179	\$1,710,759	\$1,486,830	\$2,063,307	\$0	\$1,400,000	\$0	\$1,400,000	\$2,334,009	\$6,574,066
10	Supplemental Transportation Projects (Includes:Earmark, GR, CBI, KTXB)	\$4,655,874	\$6,865,243	\$13,000,000	\$13,000,000	\$0	\$0	\$0	\$0	\$17,655,874	\$19,865,243
11	District Discretionary	\$10,000,000	\$13,560,000	\$3,400,000	\$3,560,000	\$3,288,920	\$3,560,000	\$3,560,000	\$3,560,000	\$20,248,920	\$24,240,000
12	Strategic Priority	\$63,930,000	\$63,930,000	\$0	\$0	\$0	\$0	\$0	\$0	\$63,930,000	\$63,930,000
12C	Strategic Priority RECON (CMAQ)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12S	Strategic Priority RECON (STP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SBPE	Strategy Budget PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SB 102	Strategy 102 Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total		\$298,467,877	\$339,021,061	\$127,681,816	\$128,898,695	\$183,315,918	\$186,626,968	\$59,401,167	\$97,934,630	\$668,866,778	\$752,481,354

Funding Participation Source

Source	FY 2019	FY 2020	FY 2021	FY 2022	Total
Federal	\$236,708,207	\$101,496,838	\$144,496,306	\$46,565,230	\$529,266,581
State	\$55,871,484	\$16,205,268	\$34,074,070	\$9,352,000	\$115,502,822
Local Match	\$3,305,569	\$9,168,942	\$2,050,006	\$2,289,307	\$16,813,824
CAT 3 - Local/State Contributions	\$2,582,617	\$810,768	\$2,695,536	\$1,194,630	\$7,283,551
Total	\$298,467,877	\$127,681,816	\$183,315,918	\$59,401,167	\$668,866,778



The Moving Ahead for Progress (MAP-21) federal transportation bill instituted performance measurement to provide greater accountability and transparency to achieve the most efficient and effective investment of transportation resources. Performance measurement requirements were refined in the Fixing America's Surface Transportation (FAST) Act. State DOTs and Metropolitan Planning Organizations (MPOs) are required to move towards a performance-based planning process with an emphasis on project selection based on specific planning factors.

Under Map-21, States are required to set annual safety performance targets (PM1). The annual measures States set targets for include:

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

The Texas Department of Transportation (TXDOT) established their statewide targets. Once the state set their safety targets, MPOs were required to either adopt the state's targets or set their own that would help achieve the statewide target. The El Paso MPO chose to adopt the state's targets. These statewide targets are:

TXDOT:

- Total Traffic Fatalities Per Calendar Year: 3,703.8
- Rate of Traffic Fatalities Per 100M VMT: 1.432
- Number of Serious Injuries: 17,565.4
- Rate of Serious Injuries Per 100M VMT: 6.740
- Number of Non-Motorized Fatalities and Serious Injuries: 2,150.6

Here are how the projects will assist in achieving the PM1 Target for Texas:

- Projects expected to achieve reduction in traffic fatalities and serious injuries for all modes of transportation;
- Projects expected to reduce severe traffic crashes;
- Projects are addressing the pedestrian/bicycle serious injury and fatality performance target by providing multimodal accommodations that currently do not exist;

Under Map-21, States are required to set four-year Pavement and Bridge (PM2) and Freight and Air Quality (PM3) performance targets.

The four-year measures for PM2 include:

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

The four-year measures for PM3 include:

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

The Texas Department of Transportation (TXDOT) established their statewide targets. Once the state set their PM2 and PM3 targets, MPOs were required to either adopt the state's targets or set their own that would help achieve the statewide target. The El Paso MPO chose to adopt the state's targets. These statewide targets are:

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%

Here are how the projects will assist in achieving the PM2 Target for Texas:

- CoEP is reconstructing and rehabilitating the pavement on 6 downtown streets through our CBD IV project.
- County of El Paso is providing new pavement (concrete), base and sub-base. The current roadway condition of the non-interstate on the NHS is poor for its Pellicano Widening project; and
- John Hayes Design Phase will be (for the future construction phase) providing new pavement (concrete/HMAC), base and sub-base. No pavement exists, this will be a new roadway. There is no current roadway condition of the non-interstate on the NHS.
- TxDOT El Paso District's projects help by widening of main lanes at I-10, Loop 375, US 62/180 (Montana Ave.), and construction of frontage roads on LP 375 and US 62/180 (Montana Ave.); and additional bridge structure ramps at I-10 Connect and at Spur 601/Loop 375 Interchange. Improving pavement and bridge conditions.

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

Here are how the projects will assist in achieving the PM3 Target for Texas:

- Sun Metro's operating assistance projects are assisting the PM3 Target "Total Emission Reduction" by bus procurements and engine rebuilds and providing reliable transit service that reduces congestion and enhances air quality through the use of an alternative fuel-CNG.
- CoEP is improving bicycle facilities citywide through four bicycle connectivity and infrastructure projects and improving transit facilities with the Montana RTS project. These projects will address CMAQ Total Emission Reduction by providing a viable alternative to automobile travel;
- Improving pedestrian facilities through our Montana RTS Pedestrian Enhancement project and Chamizal Pedestrian Enhancement Phase I and Phase II projects. Providing accessible and well-connected pedestrian routes allows people to walk instead of drive and thus reduces emissions; and
- Reducing emissions through the installation of a roundabout at the Paso del Norte Port of Entry.
- County of El Paso is providing additional lanes to reduce traffic congestion, reduce emissions by providing multi-model options and reduce truck travel time by providing additional lanes and protected lanes/deceleration lanes; and
- John Hayes Design Phase will be (for the future construction phase) providing a new roadway connection to Pellicano as an alternative roadway to Loop 375 and Zaragoza by the addition of 6 new lanes to reduce traffic congestion, reduce emissions by providing multi-model options and reduce truck travel time by providing additional lanes and protected lanes/ deceleration lanes.
- TxDOT El Paso District's projects help achieve the PM3 targets by improving safety, mobility, connectivity, reliability, and reducing emissions at our main corridors of I-10, Loop 375, US 62/180, and US 54 (I-10 Connect), specifically on freight routes connecting to the Ports of Entry and along I-10 and Loop 375. Air quality will also be addressed with operational improvement projects along US 62/180.

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.



PERFORMANCE BASED PLANNING AND PROGRAMMING



APPENDIX D: PERFORMANCE BASED PLANNING AND PROGRAMMING

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

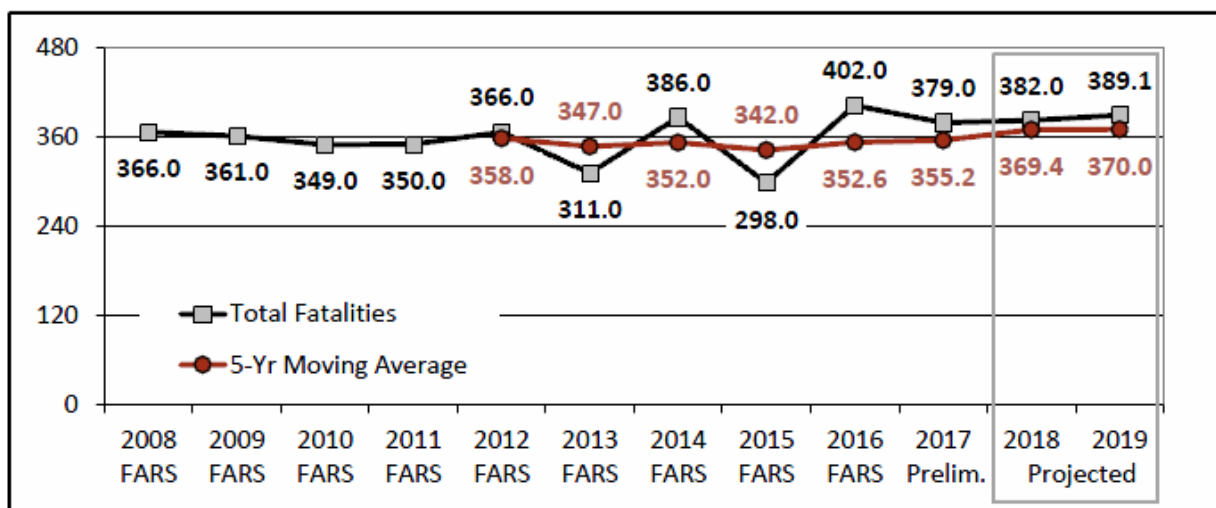
Safety (PM1):

On January 25, 2019 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 Targets

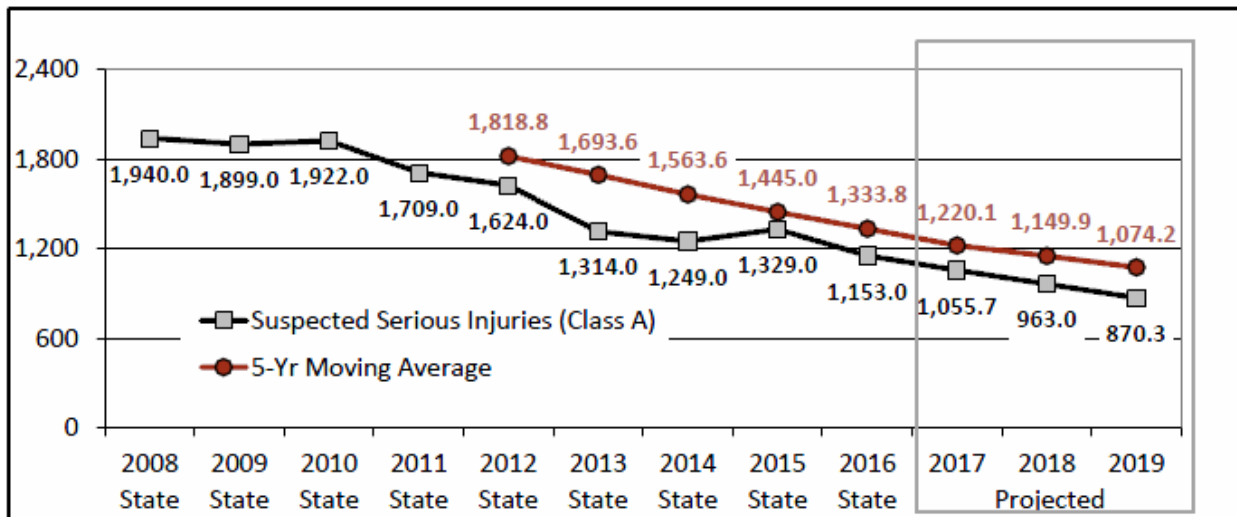
1) Number of Total Fatalities



NMDOT Target Statement: Limit the increase in total fatalities to 6.4 percent from 352.6 in 2016 to 375 by December 31, 2019 (FARS; 5-year averages).

NMDOT Justification: Five-year average fatalities fell by 7 percent between 2011 and 2015, but then rose in 2016 to their highest level in ten years. 2017 preliminary data and 2018 and 2019 projected data indicate fatalities remaining high. Although the 5- year trend line indicates a 5 percent increase in overall fatalities from 2016 to 2019, given the projected increases in pedestrian, speeding and alcohol-impaired fatalities, the State has determined a 6.4 percent increase in overall fatalities to be an achievable target in 2019.

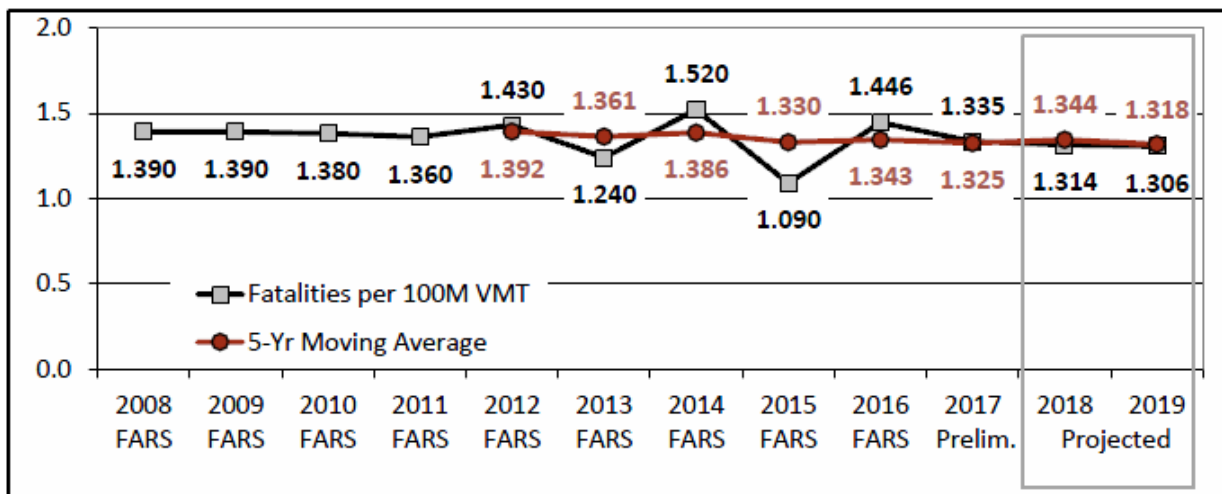
2) Number of Serious Injuries



NMDOT Target Statement: Decrease the number of serious injuries by 17.5 percent from 1,333.8 in 2016 to 1,100.0 by December 31, 2019.

NMDOT Justification: Five-year average serious injuries are projected to fall by 14.7 percent between 2016 and 2018, and the State anticipates a continued reduction in serious injuries in 2019. The State has determined a 17.5 percent reduction in these injuries from 2016 to 2019 is achievable.

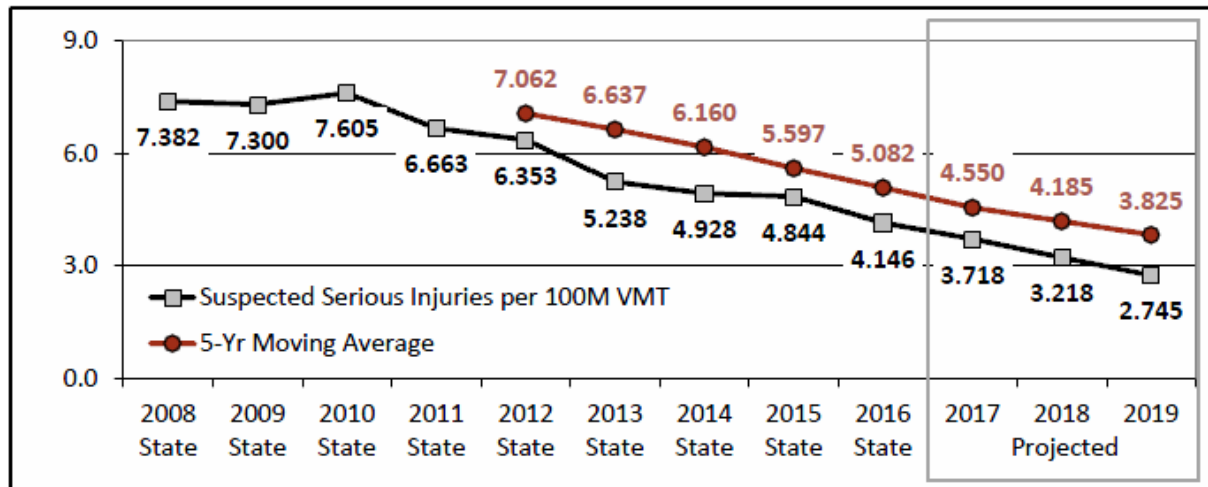
3) Fatalities per 100M VMT



NMDOT Target Statement: Decrease the fatality rate from 1.343 in 2016 to 1.318 by December 31, 2019.

NMDOT Justification: Although five-year average fatalities are expected to increase in 2019 from 2016, with VMT expected to continue rising, the State determines that the projected 2019 five-year fatality rate is an achievable target.

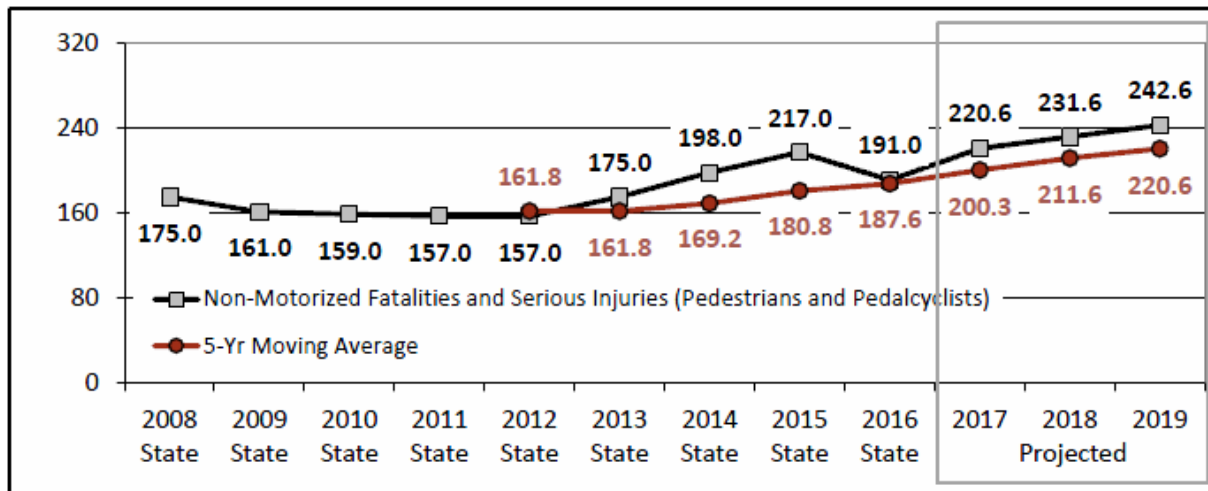
4) Serious Injuries per 100 VMT



NMDOT Target Statement: Decrease the rate of serious injuries from 5.082 in 2016 to 3.825 by December 31, 2019.

NMDOT Justification: Five-year average serious injury rates are projected to continue falling, and the State has determined the 2019 five-year average projection to be an achievable target.

5) Number of Non-motorized Fatalities and Serious Injuries



NMDOT Target Statement: Limit the increase in non-motorized fatalities and non-motorized serious injuries to 220.6 by December 31, 2019.

NMDOT Justification: Five-year average non-motorized fatalities and serious injuries are projected to rise over the next four years, and the State has determined the 2019 five-year average projection to be an achievable target.



TXDOT (PM1) TARGETS:

1. Total number of traffic fatalities:

Target: Total number of traffic fatalities (C-1)

2019 Target: To decrease the expected rise of fatalities to not more than a five-year average of 3,791.0 fatalities in 2019

The 2019 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2015	3,582	FARS
2016	3,776	ARF
2017	3,726	CRIS
2018	3,891	Target
2019	3,980	Target
2019 Target expressed as 5-year average		3,791.0

As noted in the table above, the calendar year target for 2019 would be 3,980 fatalities.

2021 Target: To decrease the expected rise of fatalities from the projected 4,012 in 2019 to not more than 4,155 fatalities in 2021

2. Number of serious injuries:

Target: Total number of serious injuries (C-2)

2019 Target: To decrease the expected rise of serious injuries to not more than a five-year average of 17,751.0 serious injuries in 2019

The 2019 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2015	17,110	CRIS
2016	17,602	CRIS
2017	17,546	CRIS
2018	18,130	Target
2019	18,367	Target
2019 Target expressed as 5-year average		17,751.0

As noted in the table above, the calendar year target for 2019 would be 18,367 serious injuries.

2021 Target: To decrease the expected rise of serious injuries from the projected 18,516 serious injuries in 2019 to not more than 18,835 serious injuries in 2021



3. Fatalities per 100 million vehicle miles traveled:

Target: Fatalities per 100 million vehicle miles traveled (C-3)

2019 Target: To decrease the expected rise of fatalities per 100 MVMT to not more than a five-year average of 1.414 fatalities per 100 MVMT in 2019

The 2019 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2015	1.39	FARS
2016	1.39	ARF
2017	1.36	CRIS
2018	1.46	Target
2019	1.47	Target
2019 Target expressed as 5-year average		1.414

As noted in the table above, the calendar year target for 2019 would be 1.47 fatalities per 100 MVMT.

2021 Target: To decrease the expected rise of fatalities per 100 MVMT from the projected 1.48 fatalities per 100 MVMT in 2019 to not more than 1.49 fatalities per 100 MVMT in 2021

4. Serious Injuries per 100 million miles traveled:

Target: Serious Injuries per 100 million vehicle miles traveled

2019 Target: To decrease the serious injuries per 100 MVMT to not more than a five year average of 6.550 serious injuries per 100 MVMT in 2019

The 2019 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2015	6.63	CRIS
2016	6.49	CRIS
2017	6.39	CRIS
2018	6.64	Target
2019	6.60	Target
2019 Target expressed as 5-year average		6.550

As noted in the table above, the calendar year target for 2019 would be 6.60 serious injuries per 100 MVMT.

2021 Target: To decrease the rate of serious injuries per 100 MVMT from 6.60 serious injuries per 100 MVMT in 2019 to 6.51 serious injuries per 100 MVMT in 2021

5. Total number of non-motorized fatalities and serious injuries:

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

2019 Target: To decrease the expected rise of non-motorized fatalities and serious injuries to not more than a five year average of 2,237.6 non-motorized fatalities and serious injuries in 2019

The 2019 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2015	2,036	FARS-CRIS
2016	2,301	ARF-CRIS
2017	2,148	CRIS
2018	2,309	Target
2019	2,394	Target
2019 Target expressed as 5-year average		2,237.6

As noted in the table above, the calendar year target for 2019 would be 2,394 non-motorized fatalities and serious injuries.

2021 Target: To decrease the expected rise of non-motorized fatalities and serious injuries from the projected 2,413 serious injuries in 2019 to not more than 2,560 non-motorized fatalities and serious injuries in 2021



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

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

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.