

**El Paso  
Metropolitan Planning Organization**

**TRANSPORTATION POLICY BOARD AGENDA ITEM SUMMARY**

**April 23, 2021**

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**AGENDA ITEM NO. 5:**

Status Update on the use of Federal Highway Administration (FHWA) funds transferred to Federal Transit Administration (FTA) for Sun Metro Projects.

**ACTION REQUESTED:**

None

**SUPPORT INFORMATION:**

- Sun Metro FTA Transfer Presentation

**DISCUSSION/OPTIONS:**

Report will be presented during the Transportation Policy Board Meeting.



# FTA Funding

## Formula Grant Funding

- 5307- Formula
- 5307- CARES Act
- 5307- CRRSAA Act
- 5339- Formula

## Competitive Grants

- 5312- Innovative Mobile Pay
- HOPE
- 5309- Small Starts
  - Montana RTS Corridor
  - Dyer RTS Corridor
  - Mesa RTS Corridor

## FTA Transfer Funds

- Operating Assistance
  - Alameda RTS
  - Dyer RTS
  - Montana RTS
  - I-10 Mitigation
  - Streetcar
- Bus Purchases
- Engine Rebuilds



EL PASO METROPOLITAN PLANNING ORGANIZATION

APRIL 23, 2021

# Urbanized Area Formula Grant- 5307

## Award Funding Summary

Funding for capital investments in bus and bus-related activities and in new and existing fixed guideway systems, all preventive maintenance, ADA paratransit service, and transportation related planning.

	TOTAL (100%)	LOCAL (20%)	FTA (80%)
<b>FY19</b>	\$17,537,371	\$ 3,507,476	\$14,029,895
<b>FY20</b>	\$17,995,680	\$ 3,599,138	\$14,396,542
<b>FY21</b>	\$17,800,000	\$ 3,486,849	\$14,313,151

SCOPE	FY16-FY20 AVAILABLE FUNDING	FY19 EXPENSES	FY20 EXPENSES	REMAINING BALANCE AS OF 09/01/2020
Security	\$943,421	\$4,645	\$97,893	\$840,883
Preventive Maintenance	\$45,114,850	\$13,141,456	\$7,551,298	\$24,422,096
ADA Paratransit Service	\$5,504,500	\$1,951,195	\$1,752,207	\$1,801,098
Planning	\$5,759,042	\$1,625,755	\$1,235,637	\$2,897,650
Rehab Bus Terminals & Admin/Maintenance Facilities	\$859,929	-	\$134,361	\$725,568
Associated Transit Improvements	\$1,933,796	\$496,862	\$174,619	\$1,262,315
Support Vehicles	\$194,116	\$106,829	\$75,697	\$11,590
<b>TOTAL</b>	<b>\$60,309,654</b>	<b>\$17,326,742</b>	<b>\$11,021,712</b>	<b>\$31,961,200</b>

# CARES Act (5307)

## CARES

The Coronavirus Aid, Relief, and Economic Security Act



U.S. Department of Transportation  
Federal Transit Administration

Funding to prevent, prepare for,  
and respond to COVID-19

### Award Funding Summary:

Total Amount:	\$40,781,532
Federal Share:	100%
Pre-award Authority:	July 23, 2020
Estimated End Date:	August 31, 2021

SCOPE	FUNDING	EXPENSES (FEB- NOV 2020)	REMAINING BALANCE
Preventive Maintenance	\$6,657,816	\$5,750,000	\$907,816
ADA Paratransit Service	\$3,800,000	\$3,800,000	-
Operating Assistance	\$29,303,716	\$4,777,523	\$14,526,193
Planning	\$1,020,000	\$697,555	\$322,445
TOTAL	\$40,781,532	\$25,025,078	\$15,756,454

# CRRSAA (5307)

Supplemental funding to support the transit industry during COVID-19



## Award Funding Summary:

Total Amount:	\$7,120,128
Federal Share:	100%
Pre-award Authority:	January 20, 2021
Estimated End Date:	August 31, 2022
Scope:	Operating Assistance (Payroll, Utilities, Security Services, etc.)



# Bus and Bus Facilities Formula 5339

## Award Funding Summary

Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment and to construct bus-related facilities, including technological changes or innovations to modify low or no emission vehicles or facilities.

	TOTAL (100%)	LOCAL (15%)	FTA (85%)
FY19	\$1,997,895	\$ 299,684	\$1,698,211
FY20	\$2,090,451	\$ 313,569	\$1,776,882
FY21	\$1,950,000	\$ 350,892	\$1,599,108

SCOPE	FY16-FY20 AVAILABLE FUNDING	FY19 EXPENSES	FY20 EXPENSES	REMAINING BALANCE AS OF 09/01/2020
Rebuild 40FT Bus (Budget Revision to buy buses)	\$1,500,000	-	-	\$1,500,000
Replacement of Lift Buses	\$4,088,346	-	-	\$4,088,346
Rehab Bus Terminals & Admin/Maintenance Facilities	\$1,761,535	\$94,200	\$144,600	\$1,522,735
Associated Transit Improvements	\$1,647,500	-	\$130,860	\$1,516,640
Hardware/Software	\$1,934,325	\$75,000	\$129,960	\$1,729,365
Support Vehicles and Shop Equipment	\$114,300	\$42,950	-	\$71,350
<b>TOTAL</b>	<b>\$11,046,006</b>	<b>\$212,150</b>	<b>\$405,420</b>	<b>\$10,428,436</b>

# HOPE

## Feasibility Study and Alternatives Analysis for a Regional Fare Structure and Payment System that Enhances Mobility for All

### Scope of work:

- Texas A&M Transportation Institute will prepare a feasibility assessment and alternatives analysis for a unified regional fare structure and payment system to best meet the needs of the region and enhance mobility for people in low-income area
- The assessment will consider options for integrating fare payment for El Paso's two public transit providers, Sun Metro and El Paso County Transit, to enhance ease of travel for public transit users

### Award Funding Summary

Total Amount:	\$194,700
Federal Share (90%):	\$175,200
Local Match County (5%):	\$9,750
Local Match City (5%):	\$9,750
Pre-award Authority:	October 7, 2020
Estimated End Date:	February 28, 2022
Purpose:	Funding for activities to improve transit in places with persistent poverty
Funding Source:	HOPE Grant Program



# HOPE

Helping Obtain Prosperity for Everyone

# Mobile Pay

Acquisition, advertising, installation and calibration of contactless payment system

## Award Funding Summary

Total Amount:	\$450,000
Federal Share (50%):	\$225,000
Local Match City (50%):	\$225,000
Estimated End Date:	March 2023
Funding Source:	5312 Research, Development and Evaluation

### Scope of work:

- Integrate customer-facing iOS and Android mobile apps to allow riders to view nearby bus stops, see location and schedule of buses, plan their trips, and purchase tickets and passes via contactless payment system
- Collect data to evaluate the benefits of the contactless payment systems to mitigate exposure to COVID-19
- Sun Metro and a third-party evaluator will report the findings and provide guidance on the approach for implementing contactless payment systems including tools to educate transit leadership on the costs and benefits of implementing this technology.





# Montana BRT/RTS Corridor Project

## Scope of work:

- Montana Rapid Transit System. Construction of 24 complete rapid transit stations and station amenities, two Park and Ride lots, and a busway connecting the two parking lots.
- Far East Transfer Center. Construction of a new bus transfer facility comprised of about 5,600 square feet of enclosed building to include waiting areas, restrooms, a driver's lounge, and a community room.
- Airport Station.
- Fourteen (14) 60-foot articulated CNG buses

## Award Funding Summary

**Total Amount:** \$49,200,774

**Federal Share (57%):** \$28,222,000

**TxDOT Share (17%):** \$8,204,637

**Local Match (26%):** \$12,774,137

**Start Date:** April 27, 2020

**Estimated End Date:** December 31, 2021

**Funding Source:** Small Starts Grant Agreement

FUNDING SOURCE	FUNDING	EXPENSES	REMAINING BALANCE
Federal (57%)	\$28,222,000	\$12,704,125	\$15,517,875
Local Match (26%)	\$12,774,137	\$3,969,241	\$8,804,896
TxDOT (17%)	\$8,204,637	\$4,513,970	\$3,690,667
TOTAL	\$49,200,774	\$21,187,336	\$28,013,438

# Dyer Corridor BRT/RTS Project

Funding Source: Small Starts Grant Agreement

Remaining Balance : \$4,188,380

Proposed Projects:

PROJECT	COST	FTA	MATCH
Two (2) Mini BRT Stations	\$1,000,000	\$800,000	\$200,000
Three (3) 60-foot articulated CNG buses	\$2,648,380	\$2,251,123	\$397,257
Two (2) Mid-block Crossings	\$405,000	\$324,000	\$81,000
Ellerthorpe Median Barrier Project	\$135,000	\$108,000	\$27,000
<b>TOTAL COST</b>	<b>\$4,188,380</b>	<b>\$3,483,123</b>	<b>\$705,257</b>

# Dyer Corridor

Install Two (2) Mini BRT Stations  
One (1) Northbound and (1) Southbound

PROJECT	COST	FTA	MATCH
Two (2) Mini BRT Stations	\$1,000,000	\$800,000	\$200,000



## Scope of Work:

- Placement of two additional Brio brand mini shelters (6' x27') with ticket vending machines (TVM), benches, trash receptacles, on-street signage and wayfinding pylons
- Construction of a forty-five (45) foot reinforced platform with detectable warning pedestrian illumination, sidewalks, driveways and pedestrian accessibility to intersections

Estimated Completion Date: October 2023

# Dyer Corridor

Purchase Three (3) additional 60-foot articulated CNG buses and related spare parts

PROJECT	COST	FTA	MATCH
Three (3) 60-foot articulated CNG buses	\$2,648,380	\$2,251,123	\$397,257



## Scope of Work:

- These buses run on CNG fuel with a 400-route mile capacity and seven-minute fill-up time.
- Equipped to keep the modern-day rider comfortable and informed of their destination while staying in touch with work, family and friends, or just enjoying the ride
- Furnished with announcement monitor, Wi-Fi, and bike racks

Estimated Completion Date: November 2022



# Dyer Corridor

Install Two (2) Mid-block Crossings  
One (1) at Hamilton and (1) at Restlawn

PROJECT	COST	FTA	MATCH
Two (2) Mid-block Crossings	\$405,000	\$324,000	\$81,000



HAMILTON CROSSING



RESLAWN CROSSING

## Scope of Work:

- Establish crosswalk with adequate visibility, markings, and signs
- Enable pedestrians to safely cross the street in the middle of a block, rather than traveling to an intersection or crossing at unpredictable mid-block locations

Estimated Completion Date: March 2022



# Dyer Corridor

## Installation of a Median/Safety Barrier at Dyer and Ellerthorpe Area

PROJECT	COST	FTA	MATCH
Ellerthorpe Median Barrier Project	\$135,000	\$108,000	\$27,000

### Scope of Work:

- Install approximately 1,000 feet of median barriers
- Serve as safety barrier to direct traffic flows and discourage pedestrians from crossing preventing pedestrian crashes and fatalities.



Estimated Completion Date: March 2022

# Mesa Corridor BRT

**Purchase One (1) additional 60-foot articulated CNG bus and related spare parts**

**Funding Source: Small Starts Grant Agreement**

**Remaining Balance :               \$1,100,000**

**Estimated Completion Date: November 2022**



## **Scope of Work:**

- **This bus run on CNG fuel with a 400-route mile capacity and seven-minute fill-up time.**
- **Equipped to keep the modern-day rider comfortable and informed of their destination while staying in touch with work, family and friends, or just enjoying the ride**
- **Furnished with announcement monitor, Wi-Fi, and bike racks**

PROJECT	COST	FTA	MATCH
One (1) 60-foot articulated CNG bus	\$1,100,000	\$567,675	\$532,325

# FTA Transfer (Operating Assistance Grants)

## Award Funding Summary

CMAQ funding for the first three years of operating assistance of new/enhanced services.

Grant funding of \$1M per year is about 1/3 of annual operating cost.

FY21- \$2,279,719

CMAQ (80%)-\$1,823,775

Alameda & Dyer RTS YR3- \$ 911,887 each

Pending Montana RTS:

FY22-24- \$5,217,592

CMAQ (80%)- \$4,174,075

DESCRIPTION	GRANT YEAR	FUNDING	EXPENSES	BALANCE
Alameda RTS Operating Assistance YR1-YR3	2019-2021	\$3,139,859	\$709,320	\$2,430,539
Dyer RTS Operating Assistance YR1 & YE Bal-YR3	2019-2021	\$4,389,859	\$584,126	\$3,805,733
Streetcar Operating Assistance YR1-YR3	2018-2020	\$4,174,640	\$4,040,814	\$133,826
I-10 Mitigation Service	2016 & 2018	\$4,100,000	\$3,354,231	\$745,769
TOTAL		\$15,804,358	\$8,688,491	\$7,115,867

# FTA Transfer (Engine Rebuilds & Bus Purchase)

## Sun Metro Engine Rebuilds

Funding to rebuild engines and transmissions in order to improve CO efficiencies (Current Usage- Engine Overhauls/Radiators)

CMAQ Transfer (80%) \$763,315

DESCRIPTION	GRANT	BALANCE
Engine Rebuilds	TX-2017-036	\$954,143

## Bus Purchase

Pending MPO approval to purchase twelve (12) 35-foot Buses

CMAQ Transfers (80%) \$5,267,200

DESCRIPTION	GRANT	BUSES	BALANCE
I-10 Mitigation Bus	TX-2016-059	1	\$530,000
Downtown Circulator Bus	TX-2017-065	1	\$534,000
Park and Ride Buses	TX-2017-049	2	\$1,000,000
FY16 Sunland Park Buses	TX-2017-041	2	\$1,080,000
FY16 PnR & Express Serv. Bus Replace	TX-2019-050	1	\$540,000
FY17 Bus Replace - 2004 Fleet Units	TX-2018-012	2	\$1,100,000
FY18 Montecillo & UMC Areas Buses	TX-2020-011	3	\$1,800,000
TOTAL		12	\$6,584,000

# QUESTIONS



## Mission

Deliver exceptional services to support a high quality of life and place for our community

## Values

Integrity, **R**espect, **E**xcellence,  
**A**ccountability, **P**eople

## Vision

Develop a vibrant regional economy, safe and beautiful neighborhoods and exceptional recreational, cultural and educational opportunities powered by a high performing government