



# 2050 MTP Projects Ranking

November 24, 2020



# Metropolitan Transportation Plan (MTP)

- Every 4 years Metropolitan Planning Organization updates the MTP - the long range plan
  - Projects are not yet funded
  - In contrast, projects in TIP are funded
- Consider projects that **meet the requirements as originally outline during RMS2020 process**
- Identify current needs that align with Strategic Plan meet with **each City Representative and various City departments**
  - Capital Improvement Department
  - International Bridges
  - Street and Maintenance
  - Community Development
  - Planning Department

**National goals:** System reliability, Congestion reduction, Safety, Freight movement and economic vitality, Infrastructure condition, Environmental Sustainability

**CMP Strategies:** Travel demand management, Public transportation, Traffic operations, Road capacity

**Project System:** National highway system, Active transportation system, Block system

**Strategic Priority:** Connectivity, Resiliency and reliability, Scheduling

# Long Range Plan Timeline

- MPO issued call for projects on May 11
- Call for projects is for projects in years **2025-2050**
- TxDOT and Local Governments submitted projects on June 22<sup>nd</sup> to the MPO
- **MPO Staff score the projects based on criteria**
- TPAC reviews projects and makes recommendations
- TPB approves final list

# 2045 Destino MTP Project List

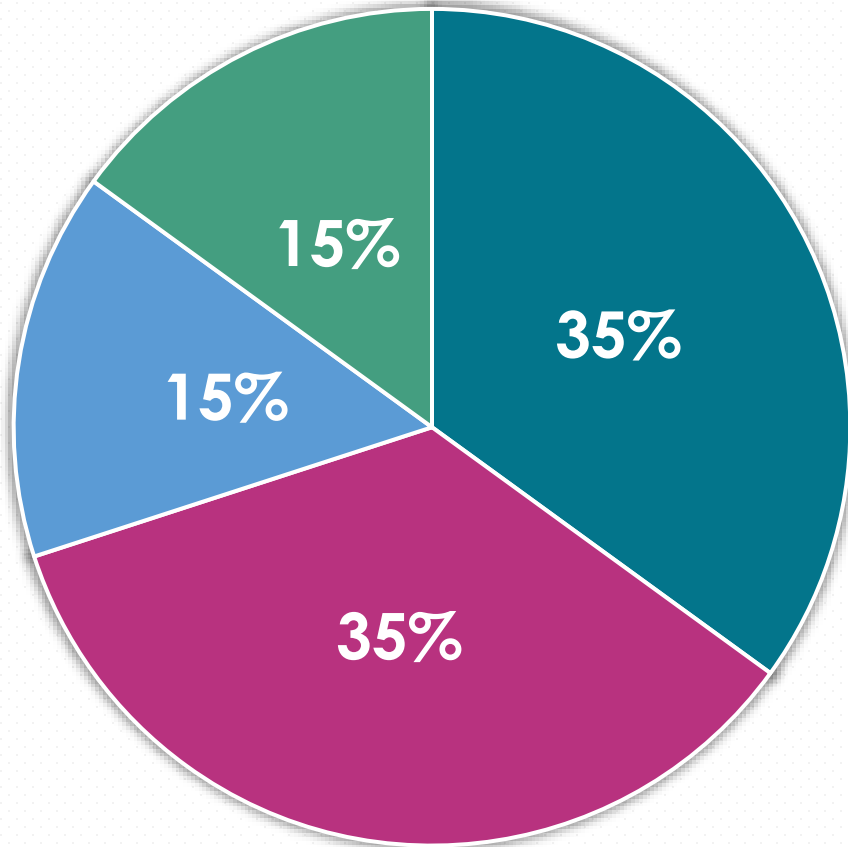
Project Name	Project Description	YOE (FY)
Montana RTS Pedestrian Enhancements	Design and construction of pedestrian enhancements along Montana RTS route	2020
Chamizal Neighborhood Pedestrian Enhancements Phase II	Construction of sidewalks, ADA pedestrian ramps and crosswalks.	2020
Bicycle Connectivity Infrastructure Improvements Phase II	Construct bicycle facilities citywide.	2020
Central Business District Phase 4 (CBD 4)	Street Improvements of City's Downtown Streets	2021
Bicycle Infrastructure Citywide	Construct bicycle facilities citywide.	2021
Rojas Dr Widening	Reconstruction and widening from 4 to 6 lanes	2021
Playa Drain Shared Used Path (Whittier to Elvin) 2021	The project consists of a shared used path with shade trees, vegetation, and other amenities	2021
Downtown Bicycle Improvements Phase I	Construct bike facilities downtown.	2022
Traffic Management Center Upgrade Phase 1	Upgrade of the City of El Paso Traffic Management Center and Traffic Signal controller equipment city wide. Phase I- Design	2022
Traffic Management Center Upgrade Phase 2	Upgrade of the COEP TMC&Traffic Signal controller equipment city wide. Phase II- Design & Construction	2023
Sean Haggerty Dr Extension	Construct 4 lane bridge with ped and bike facilities from Nathan Bay to Dyer St.	2023
Traffic Management Center Upgrade Phase 3	Upgrade of the COEP TMC&Traffic Signal controller equipment city wide. Phase 3-5 - implementation&construction of the design.	2024
Border Highway West Hike and Bike Trail	Installation of an 11-foot asphalt pavement hike and bike trail with irrigated landscaping	2024
Traffic Management Center Upgrade Phase 4	Upgrade of the COEP TMC&Traffic Signal controller equipment city wide. Phase 3-5 - implementation&construction of the design.	2025
Traffic Management Center Upgrade Phase 5	Upgrade of the COEP TMC&Traffic Signal controller equipment city wide. Phase 3-5 - implementation&construction of the design.	2026
Playa Drain Hike and Bike Trail (Liberty-Whittier)	Pedestrian and bicycle facilities with signage, sidewalks, landscaping , furnishings and Illumination.	2026
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.	2026
Playa Drain Hike and Bike Trail (Yarborough to Midway)	Pedestrian and bicycle facilities with signage, sidewalks, landscaping , furnishings and Illumination.	2027
Downtown Bicycle Improvements Phase II	Construct bicycle facilities downtown to include.	2027
Westwind Bicycle Improvements	Striping, pedestrian, signal and signage improvements to incorporate bicycle facilities.	2027
Sunland Park Hike and Bike Trail	Construction of an asphalt pedestrian and bicycle facility.	2028
Border Traveler and Cargo ITS	Regional Cross-Border Travel Information	2028
Video Surveillance and Count Stations Phase II	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.	2028
Stanton Two-Way Cycle Track Roadway Improvements	Project includes installation of two-way cycle track facilities.	2029
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.	2029
Mesa Park Dr	Build 4-Lane Divided	2029
Tom Mays/Northwestern Ext.(Construction)	Build 2- Lane divided with bike lanes	2029
Hawkins Boulevard Rehabilitation	Reconstruction of existing road and intersection improvements.	2031
Hawkins Blvd Overpass	Street improvements to include roadway elements and a 4 lane overpass.	2041

Project Name	Project Description	YOE (FY)
Alameda RTS Operating Assistance YR1 - 2019	1st Year of Alameda BRT-RTS operations.	2020
Dyer RTS Operating Assistance YR1 - 2019	1st Year of Dyer BRT-RTS operations.	2020
Dyer RTS Operating Assistance YR1 - 2019 YE Balance Funding	1st Year of Dyer BRT-RTS operations.	2020
El Paso Streetcar System 2nd Year Operating Assistance	Operating Assistance for second year of new transit service intended to reduce congestion and CO emissions.	2020
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.	2020
El Paso Streetcar System 3rd Year Operating Assistance	Operating Assistance for 3rd year of new transit service intended to reduce congestion and CO emissions.	2020
Alameda RTS Operating Assistance YR 2 - 2020	2nd Year of Alameda BRT-RTS operations.	2020
Dyer RTS Operating Assistance Year 2 - 2020	2nd Year of Dyer BRT-RTS operations.	2020
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.	2020
Montana RTS 3rd year service operating assistance	3rd year of Montana BRT-RTS operations.	2030
Montana RTS 1st year Operating Assistance	1st year of Montana RTS operations	2030
Dyer RTS 3rd year Operating Assistance	3rd year of Dyer RTS operations	2030
Alameda RTS 3rd year Operating Assistance	3rd year of Alameda RTS operations	2030
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.	2030
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.	2030
Park and Ride Far West	Create a Park and Ride site in Far West El Paso in the area of I-10 and Transmountain	2030
Montana RTS 2nd year Operating Assistance	2nd year of Montana RTS operations	2030
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.	2030
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.	2030
Design and Construction for Streetcar Phase II - Service to MCA	Design & Construction planning, specifications & construction for extending streetcar route to MCA, Texas Tech, Foster School area.	2030

# Decision Lens Ranking

# Criteria and Weights

JANUARY 2020  
RMS 2020



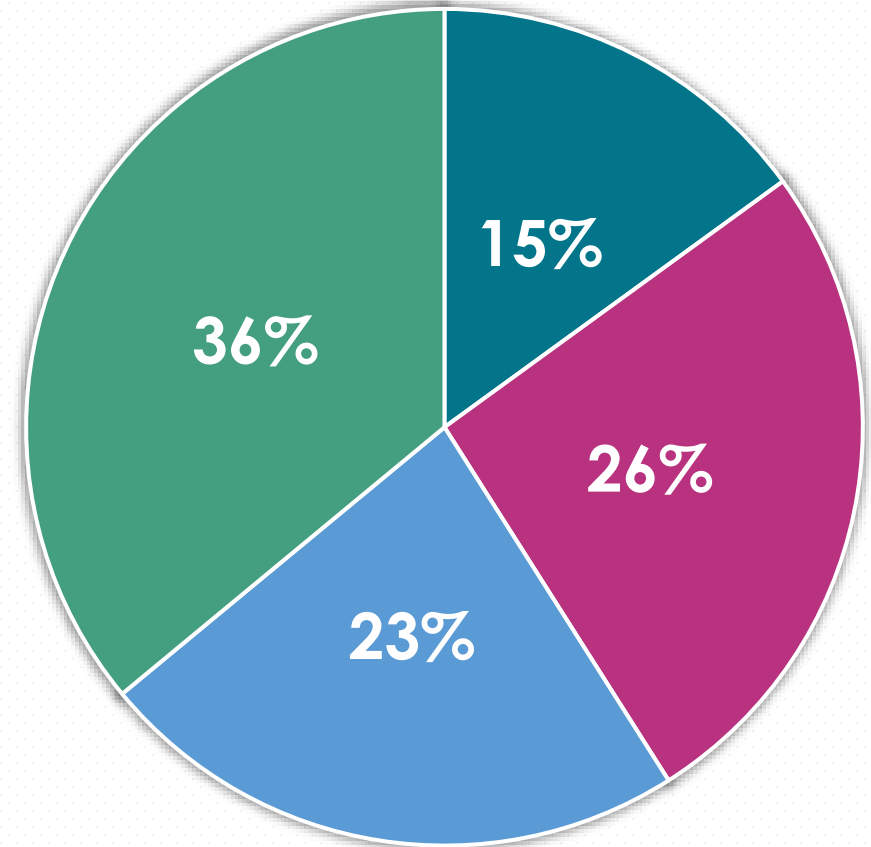
**Strategic Priority:** Connectivity, Resiliency and reliability, Scheduling

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OCTOBER 2020  
RMS 2050



# Return on our Investment

## SAFETY

ADA Ramps; Pedestrian crossing enhancements; Traffic management center & traffic signal controller upgrades; Video surveillance



## ACCESSIBILITY & TRAVEL CHOICE

Bike plan improvements; bicycle facilities; hike and bike trails

## OPERATIONS & MAINTENANCE

Road reconstructions; sidewalk improvements; lane reconfigurations; signage and wayfinding



## ECONOMIC VITALITY

Installation of Intelligent Transportation Systems (ITS) and infrastructure projects

## MOBILITY

Road lane addition; street extensions; lane reconfiguration; two-way lane conversions

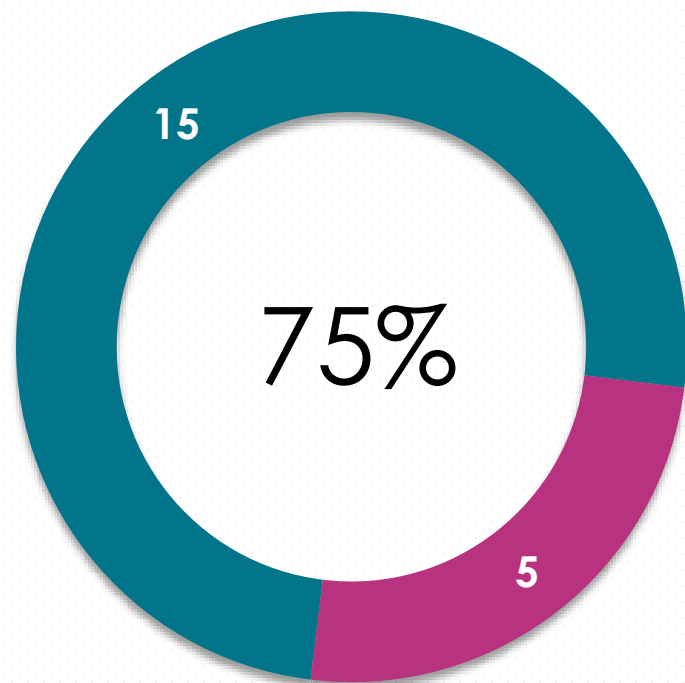


## QUALITY OF LIFE

Hike and bike trails; shade canopy installation at POE; street landscaping

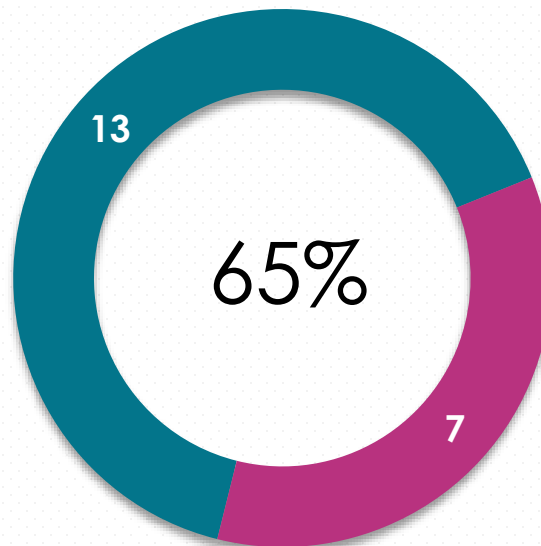
# Preliminary Rankings

## Ranking 1-20



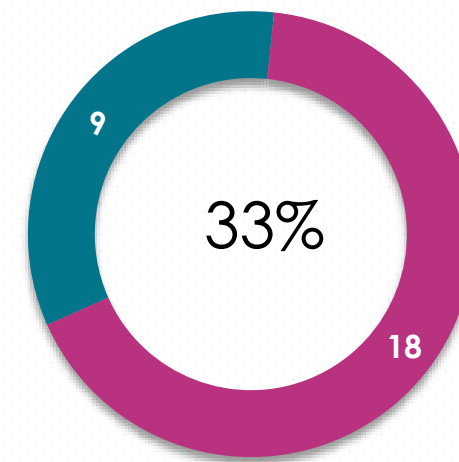
■ City Projects ■ Other Entities

## Ranking 21-40



■ City Projects ■ Other Entities

## Ranking 41-67



■ City Projects ■ Other Entities



# Traffic Management Center Upgrade Phase 4 & 5



- City of El Paso City Limits
- 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.

**Rank # 1 & 2**

## Video Surveillance and Count Stations Phase II

- Multiple roadway intersections within the community as described in the project description.
- 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.

**Rank # 3**



# Robert E. Lee Improvements



- Gateway Boulevard West to Montana Avenue
- Associated signage, wayfinding, striping, & intersection treatments; bike plan improvements – hike and bike connecting to Edgemere linear park, parkway improvements to include sidewalk, ADA ramps and traffic calming devices, pedestrian crossing enhancements, landscaping and irrigation, HMAC

**Rank # 5**



## Carolina Street Improvements

- Stiles Drive to North Loop Drive
- Reconstruction, associated signage, wayfinding, striping, & intersection treatments; bike plan improvements, sidewalks, and illumination evaluation

N Carolina Dr El Paso, Texas

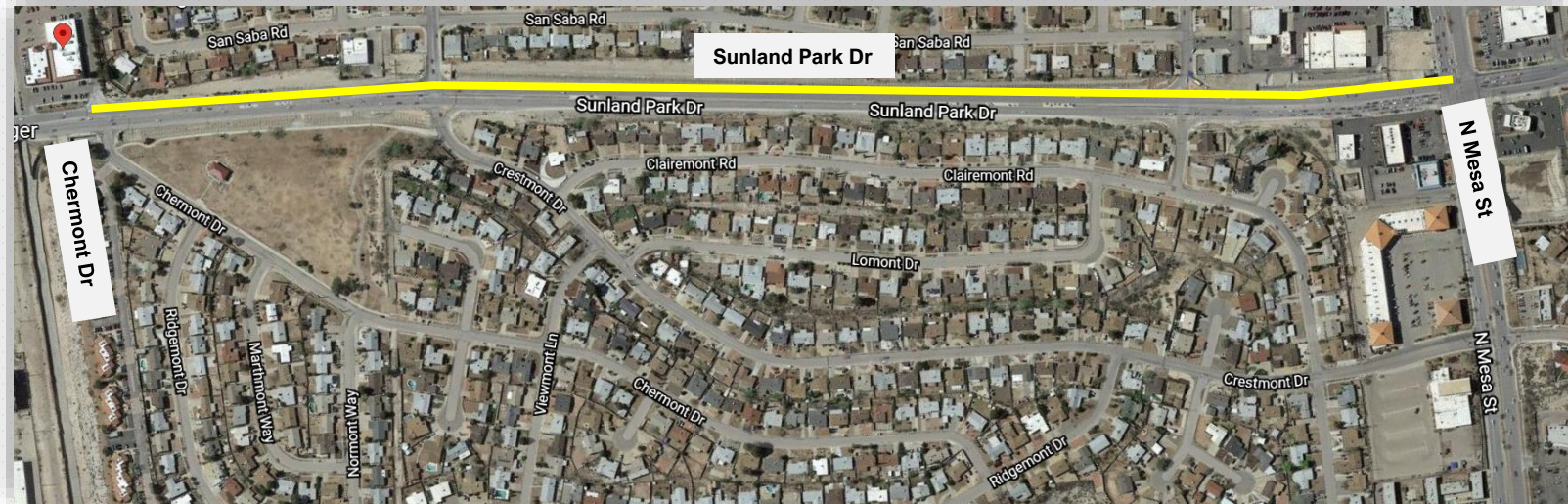


**Rank # 6**



# Sunland Park Drive Hike and Bike Trail

- Chermont Drive to Mesa Street
- Construction of an asphalt pedestrian and bicycle facility with associated signage, landscaping and irrigation, furnishings, and illumination.

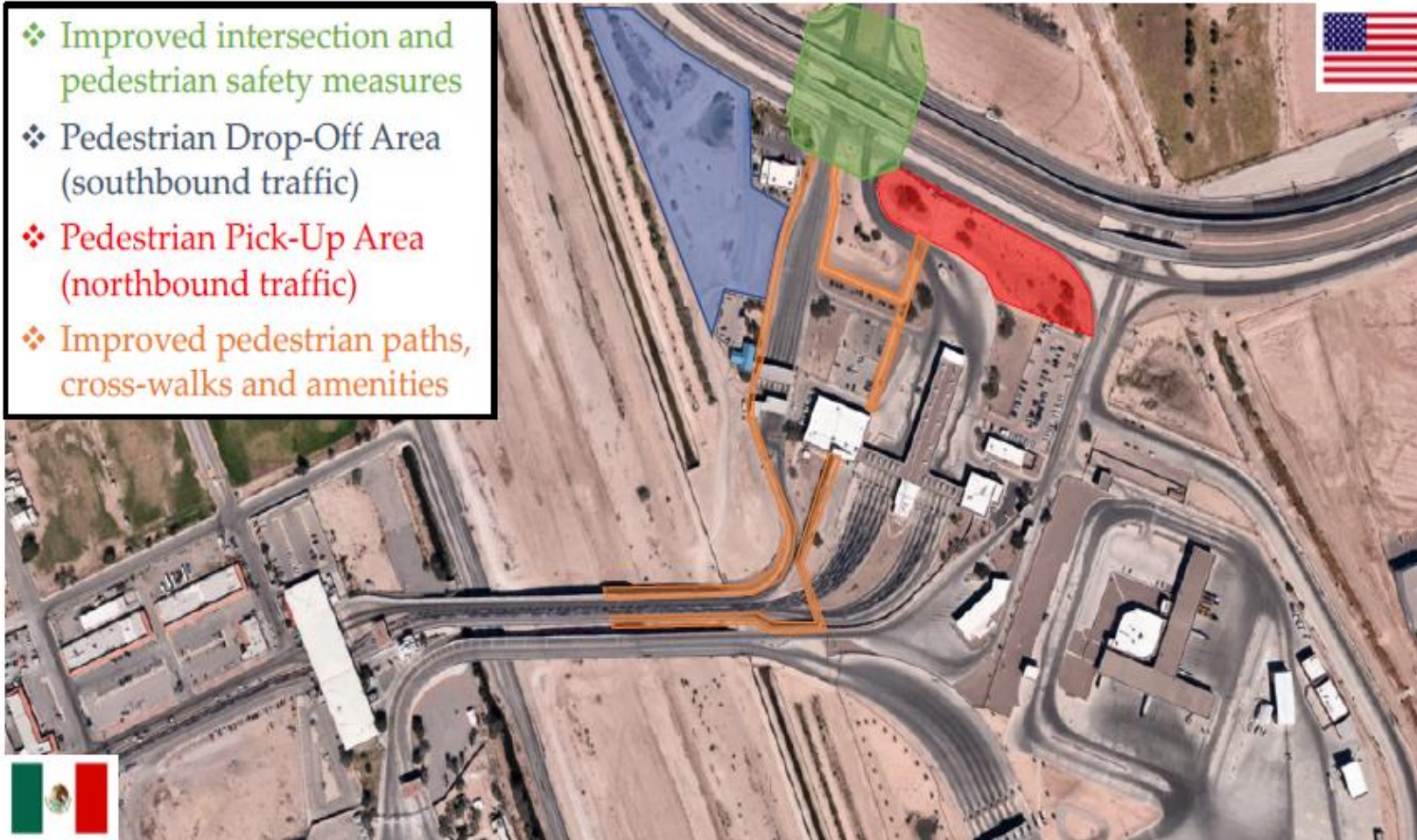


**Rank # 9**



# Zaragoza POE Pedestrian Improvements

- ❖ Improved intersection and pedestrian safety measures
- ❖ Pedestrian Drop-Off Area (southbound traffic)
- ❖ Pedestrian Pick-Up Area (northbound traffic)
- ❖ Improved pedestrian paths, cross-walks and amenities



- Zaragoza Port of Entry
- Dedicated pedestrian drop off and pick-up zones, drop off parking area, raised cross walk with flashers, pedestrian lighting, shade canopies, safety railings, landscaping, screening walks, wayfinding

**Rank # 10**



## Saul Kleinfeld Drive Reconstruction

- Pebble Hills Boulevard to Montwood Drive
- Associated signage, wayfinding, striping, & intersection treatments; bike plan improvements, parkway improvements to include sidewalk, complete assessment of ADA ramps and traffic calming devices, pedestrian crossing enhancements, landscaping and irrigation, HMAC

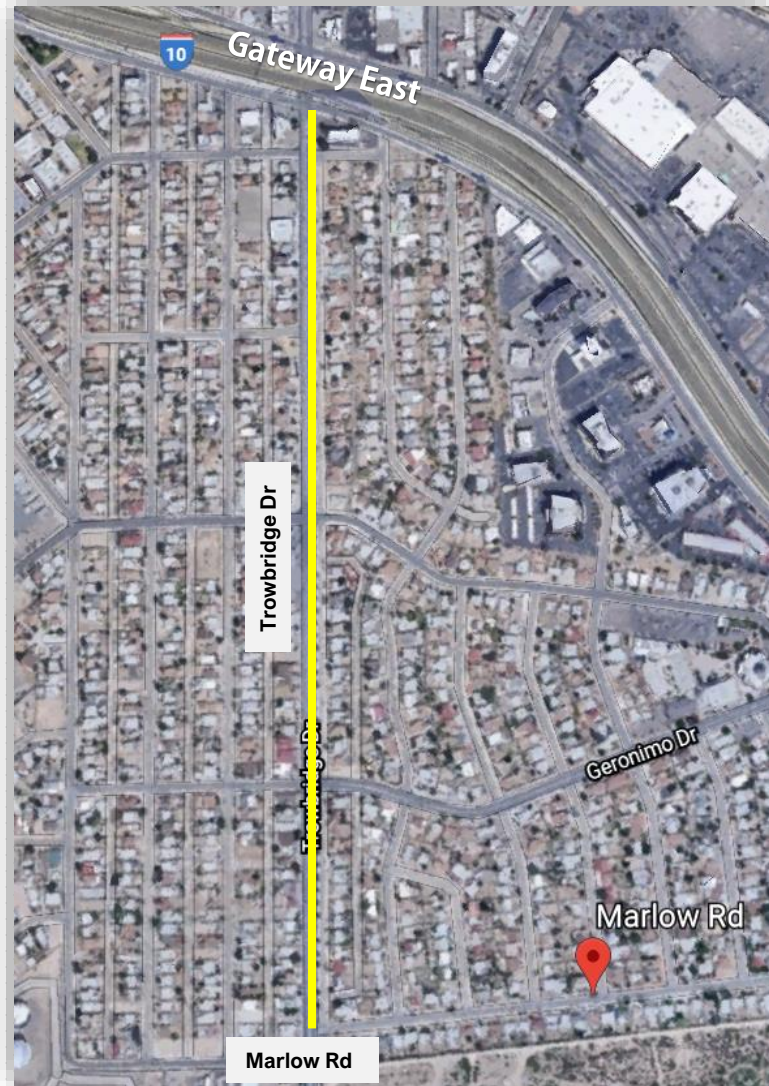
Saul Kleinfeld Dr El Paso, Texas



**Rank # 12**



# Trowbridge Street Reconstruction



- Marlow Road to Gateway Boulevard East
- Associated signage, striping, & intersection treatments; bike plan improvements, parkway improvements to include sidewalk, ADA ramps and traffic calming devices, pedestrian crossing enhancements, landscaping and irrigation, HMAC

**Rank # 13**





## Sun Valley Drive Reconstruction

17

- From Rushing Road to Dyer Street
- Possible road diets, associated signage, wayfinding, striping, & intersection treatments; bike plan improvements, LED illumination as needed, parkway improvements to include sidewalk, ADA ramps and traffic calming devices, pedestrian crossing enhancements, landscaping and irrigation, HMAC



**Rank # 16**



# Dyer Parkway & Pedestrian Improvements

18

- From Gateway North to Hercules Avenue
- Intersection reconfiguration, signage, LED Illumination, parkway and median improvements to include sidewalk, ADA ramps and, pedestrian crossing enhancements, landscaping and irrigation, and reconstruction of traffic signals with intercommunication conduit and cable if not available



**Rank # 17**





## Rio Grande/Arizona Two-Way Conversion

- Cotton Street to Alabama Street
- Lane reconfiguration, bike plan improvements, signage, parkway improvements to include sidewalk, ADA ramps and traffic calming devices, code compliant driveways, pedestrian crossing enhancements, landscaping and irrigation

**Rank # 18**



## ITS at Paso Del Norte Port of Entry

- Design, construction, and installation of Intelligent Transportation Systems (ITS) and infrastructure projects
  - Dynamic Message Signs (DMS)
  - Closed-Circuit Television (CCTV) cameras
  - Radar Vehicle Sensing Devices (RVSDs)
  - Bluetooth/Wi-Fi readers
  - Fiber optic cable and conduit

**Rank # 19**



# Pendale Road Reconstruction

- George Dieter Drive to Rojas Drive
- Reconstruction of existing road and intersection improvements to include traffic signals, bike path improvements, new signage, LED lighting, ADA ramps, pedestrian path with irrigation and landscape



**Rank # 20**

# Active Management FY2021 Budget

# Council Discussion and Action

Discussion and Action that the City approves the reallocation of funds from the Alameda RTS Sidewalk Improvement, Alameda RTS, and Montana Fiber projects in the aggregated amount of \$2,947,000.58

From	
Project Name	Amount
Alameda RTS Sidewalk Improvement	\$782,193.50

To	
Project Name	Amount
Montana Widening Phase I ROW	\$748,312.00
Bicycle Phase I	\$33,881.50

From	
Project Name	Amount
Alameda RTS	\$ 1,164,807.08

To	
Project Name	Amount
Bicycle Phase I	\$120,118.50
Alameda and Carolina	\$170,150.61
Playa Drain	\$340,711.00
Davis Bridge	\$80,000.00
Alabama Bridge	\$81,000.00
Delta Bridge	\$372,826.97

From	
Project Name	Amount
Montana Fiber	\$ 1,000,000.00

To	
Project Name	Amount
Delta Bridge	\$52,173.03
Rojas Widening	\$720,166.97
Border West Expressway	\$227,660.00

**THANK YOU**





## Zaragoza POE Shades Canopies

**Rank # 21**

# Sun Valley Drive Reconstruction

- From Gateway North to Kenworthy Street
- Possible road diets, associated signage, wayfinding, striping, & intersection treatments; bike plan improvements, parkway improvements to include sidewalk, ADA ramps and traffic calming devices, pedestrian crossing enhancements, landscaping and irrigation, HMAC

Sun Valley Dr El Paso, Texas



20



Rank # 22



# Stanton Two-Way Circle Track Roadway Improvements

- San Antonio Avenue to Rio Grande Avenue
- Project includes installation of two-way cycle track facilities. Project will include road diet.



**Rank # 25**



# Montwood Drive Widening

- From Firehouse Drive to Sun Fire Blvd
- 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.



**Rank # 26**



# Edgemere Boulevard Reconstruction

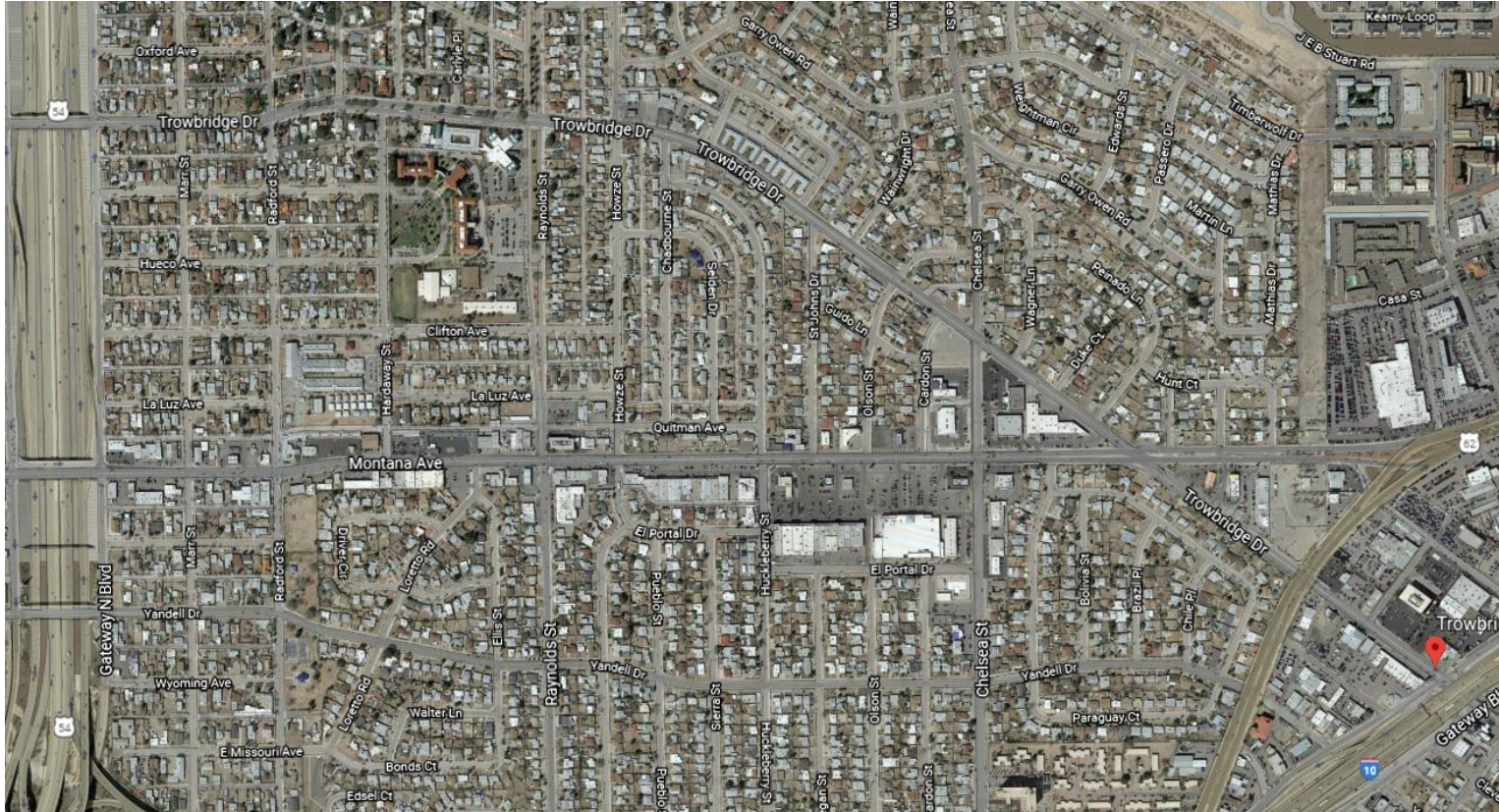
- Wedgewood Drive and McRae Boulevard
- Intersection improvements at Edgemere Blvd and Wedgewood Dr., Associated signage, wayfinding, striping, & intersection treatments; restripe bike lanes improvements, parkway improvements to include sidewalk, ADA ramps and traffic calming devices, pedestrian crossing enhancements, landscaping and Irrigation, HMAC



**Rank # 28**



# Trowbridge US54 to I-10

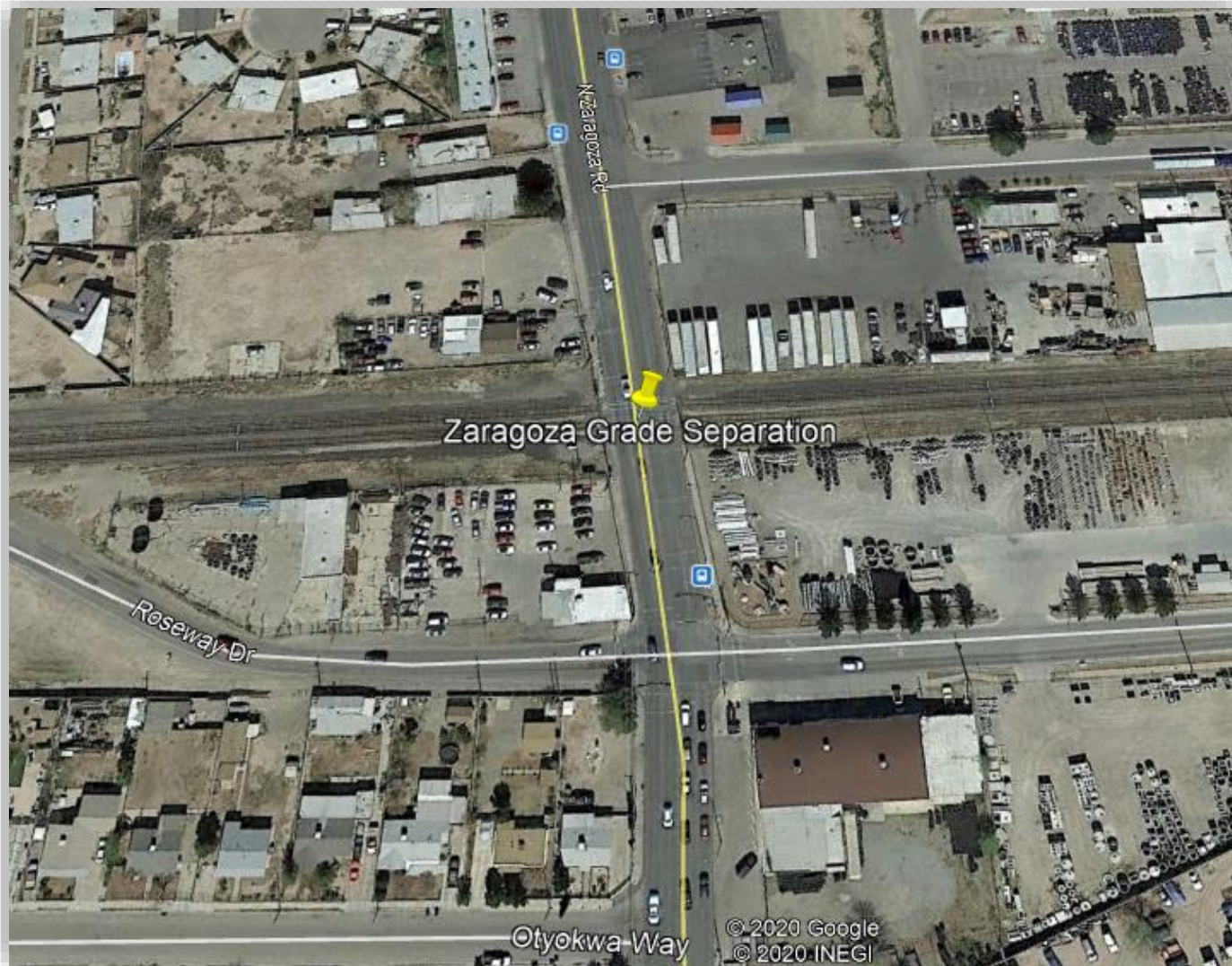


**Rank # 29**



# Zaragoza Railroad Overpass

- At UPRR
- Grade separated overpass



**Rank # 33**





## Playa Drain Hike and Bike Trail

- Yarbrough Drive to Midway Drive
- Pedestrian and bicycle facilities with signage, sidewalks, landscaping, furnishings and illumination.



**Rank # 34**



## George Perry Extension to Ft. Bliss Hospital

**Rank # 35**

## Global Reach Extension to Ft. Bliss Hospital

**Rank # 36**



# Rio Grande/Arizona Two-Way Conversion

- Oregon Street to Cotton Street
- Lane reconfiguration, bike plan improvements, signage, parkway improvements to include sidewalk, ADA ramps and traffic calming devices, code compliant driveways, pedestrian crossing enhancements, landscaping and irrigation



**Rank # 38**

## Downtown Bicycle Improvements Phase II

- Myrtle from Campbell to Virginia; Oregon from Missouri to Paisano; Stanton from San Antonio to Paisano; Franklin from Los Angeles to Durango
- 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.



# Murchison Drive Road Diet & Improvements

- Brown Street to Cotton Street
- Road diets, associated signage, wayfinding, striping, & intersection treatments; lane removal and lane reconfiguration, bike plan improvements, LED illumination, parkway improvements to include sidewalk, potential retaining wall, ADA ramps and traffic calming devices, pedestrian crossing enhancements, landscaping and irrigation, HMAC

**Proposed buffered bike lane**



**Rank # 40**



## Westwind Bicycle Improvements

- Redd Road to Thunderbird Drive
- Striping, pedestrian, signal and signage improvements to incorporate bicycle facilities.



**Rank # 41**



# Hawkins Blvd Overpass

- North Loop Drive to Alameda Street
- Street improvements to include roadway elements and a 4 lane overpass.



**Rank # 49**

## Playa Drain Hike and Bike Trial Ph II

**Rank # 56**





Cottonwood Creek Bridge

## McRae Boulevard Shared Use Path

- Montwood Drive to Montana Avenue
- Hike and bike improvement, signage, wayfinding, pedestrian crossing enhancements, landscaping

**Proposed buffered bike lane**

**Goal 3.2**  25 BY 2025  
VISIONARY INITIATIVES

**Set one standard for  
infrastructure across the city**



**Rank # 58**



## Mesa Park Drive

- I-10 to Mesa Street
- Build 4 lane divided



**Rank # 59**

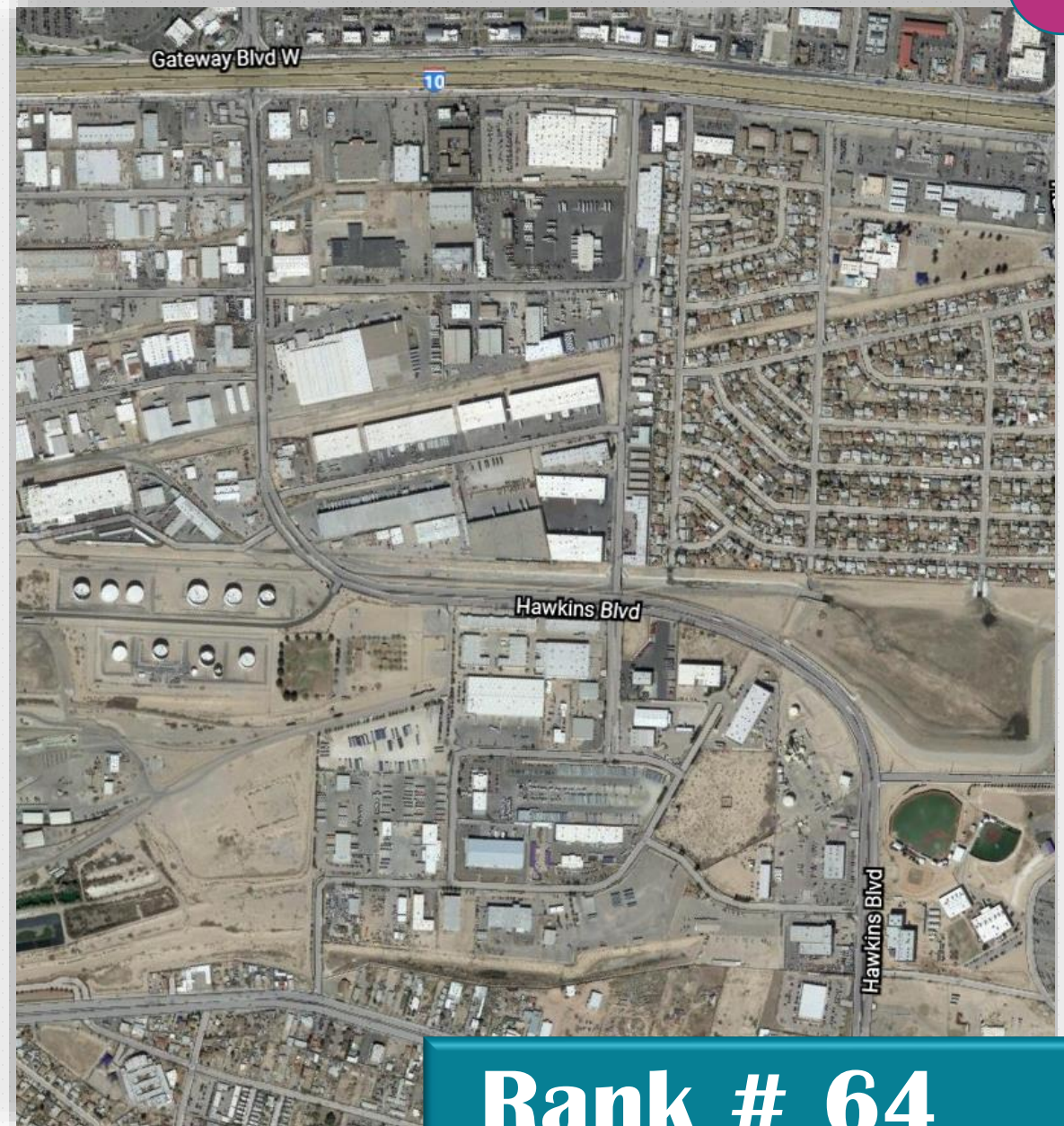


## Pipeline Trail

**Rank # 61**

# Hawkins Blvd Rehabilitation

- I-10 to North Loop Drive
- 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.



**Rank # 64**



## Brown Street Reconstruction

- Murchison Drive To Rim Road
- Full reconstruction of asphalt paving, restriping, retaining wall reconstruction

### Proposed bike lane



### Goal 7.2

- Expand the investment and beautification of street infrastructure (2.0)
  - Street reconstruction plan

**Rank # 66**



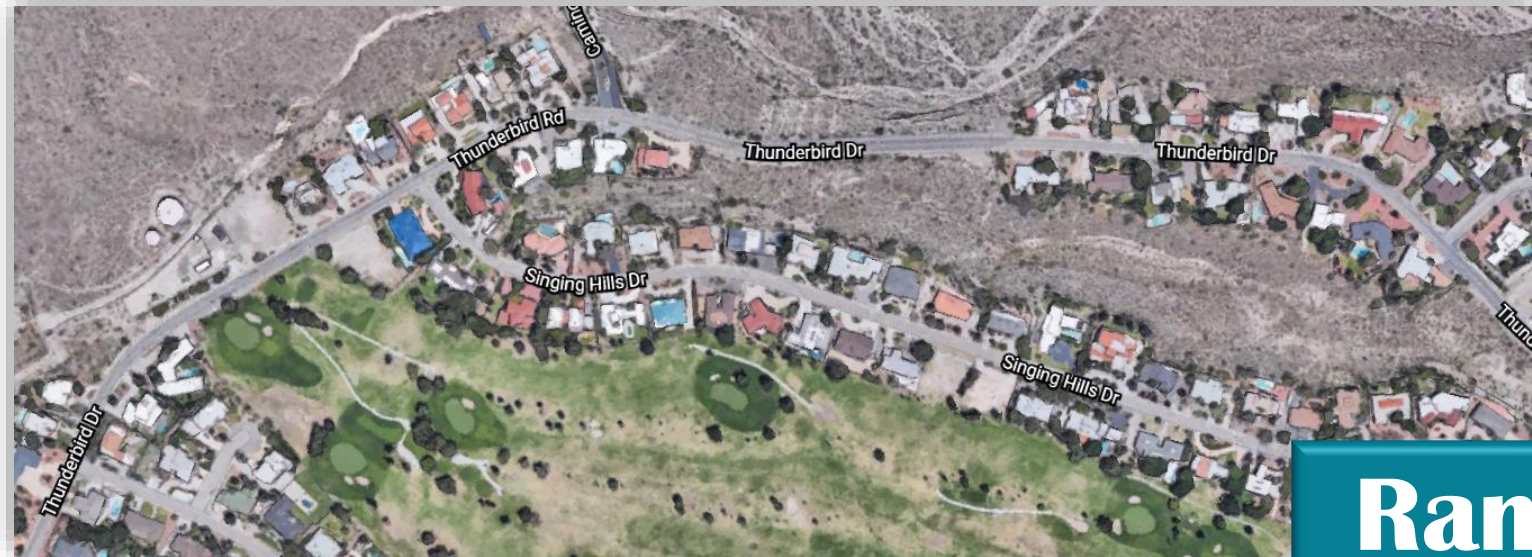
Thunderbird Dr El Paso, Texas



## Thunderbird Road Reconstruction

- Singing Hills Drive to Pinehurst Drive
- Buffered bike lane identified within the El Paso Bike Plan, signage, full reconstruction of asphalt paving, restriping

**Proposed shared lane markings**



**Rank # 67**