

# Goal 7: Enhance and Sustain El Paso's Infrastructure Network

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Strategic Plan Update

May 2, 2016



# Goal 7 Infrastructure



- Streets and Maintenance
- Capital Improvement
- Mass Transit-Sun Metro
- Water Utilities

# Current Year Results

## Completed the following construction projects:

**Runway 8L-26R - \$23M** 5,499 feet reconstructed in concrete – project included a new parallel taxiway allowing access to runway from both ends and eliminates need for back taxiing



# Current Year Results

## Completed the following construction projects:

**Baggage Claim Belts at EPIA – project value - \$3,074,875**

**EPIA Long Term Parking Lot Illumination – project value - \$2,279,000**

**CNG Fuel Dispensers at MSC – project value - \$634,400**



# Current Year Results

Completed the following construction projects:

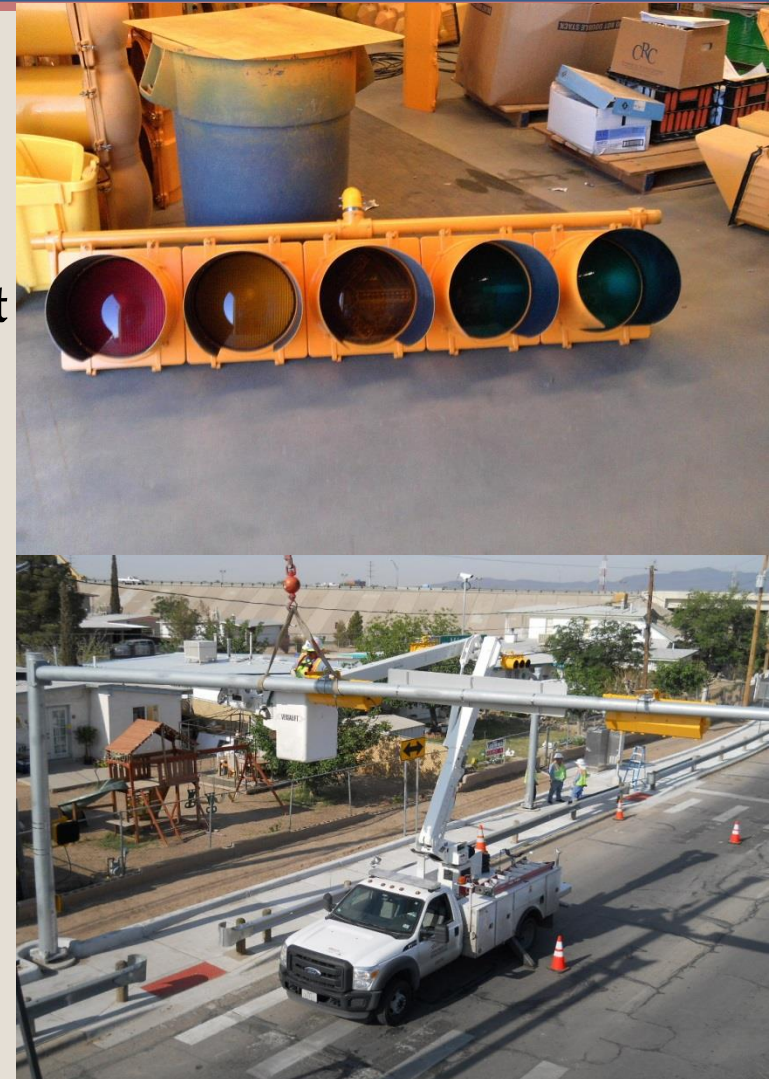
**Citywide Intersection Improvements – Project value - \$1,641,912**

Mesa Street /Resler Drive; Mesa Street/Sunland Park Drive; Viscount Boulevard/Montwood Drive; Saul Kleinfeld Drive/Pebble Hills Boulevard; and Saul Kleinfeld Drive/Montwood Drive



# Current Year Results

- Re-lamped 80 of the City's 655 signalized intersections
- Replaced mast arms at nine intersections
- Repaired and replaced knockdowns of mast arms/poles/flashers at 162 intersections



# Current Year Results

**Completed striping of over 250 lane miles in last twelve months**



# Current Year Results

**Completed the 28,146 linear feet of crosswalk installations (5.3 miles)  
in school zones and at signalized intersections**





# Current Year Results

Ongoing benefits of a lean six sigma project that increased SQFT of asphalt repairs in FY15 by 12% and lowered patching costs by 18%.



# Current Year Results

- Replaced 18,025 street light fixtures Citywide with LED technology
- Facility maintenance program initiated a facility audit program to provide ongoing assessment of City facility maintenance needs



# Current Year Results

- **Successfully completed a Fleet Maintenance and Warehouse facilities construction project in April, \$20 million project.**
- **Completed odor control projects at Hickerson WWTP and Haskell WWTP; \$5.4 million of a \$17.6 million odor improvements program.**
- **Near completion on construction of the Gateway Ponds Expansion project, \$13 million project.**

(EPWU managed projects)



# Current Year Results

- Secured \$27.6M from the FTA for Montana RTS project earmarked for 2020 implementation as part of the federal budget.
- Alameda BRIO design complete; construction to be completed by end of 2017 (est. NTP in July of 2016).
- Dyer BRIO design complete; construction to be completed in summer of 2018 (est. NTP in December of 2016).



# Construction Projects Completed In FY16

## FY2016 COMPLETED CONSTRUCTION

Category	Project
Airport	EPIA 8L-26R Runway Reconstruction
Airport	Baggage Claim Belts at EPIA
Airport	EPIA Long Term Parking Lot Illumination
Transit	CNG Fuel Dispensers at MSC
Street	Tuscany
Street	Citywide Intersection Improvements



# Construction Projects Currently in Progress

<b>FY2016 CONSTRUCTION IN PROGRESS</b>		
<b>Category</b>	<b>Project</b>	<b>% Construction Complete</b>
Street	Pendale Street & Drainage Ph 1	98%
Airport	EPIA Passenger Boarding Bridges	98%
Transit	Glory Road Bus Bay Reconstruction	98%
Street	Kernel	98%
Street	Five Points Quiet Zones	98%
Street	Ramos Ct, Little Flower, and Manning Way	90%
Airport	ConRAC	90%
Airport	Cargo 3 Roof Replacement	85%
Street	Manor Place	80%
Street	Pebble Hills Extension	80%
Street	Independence Pedestrian & Bicycle Improvements	40%
Street	River Bend Pedestrian & Bicycle Improvements	40%
Street	Viscount Pedestrian & Bicycle Improvements	30%
Airport	EPIA Concourse A	20%
Airport	FTZ Storefront	5%
Street	Resler Buffered Bike Lane	0%



# Design Projects

FY2016 COMPLETED DESIGNS		2016 DESIGNS IN PROGRESS		
Category	Project	Category	Project	% Design Complete
Street	Robinson Street Improvements	Street	Elena Feliz	95%
Transit	Northgate Transfer Center	Transit	Dyer RTS	95%
Transit	Alameda BRIO	Airport	West Administration Parking Lot	95%
Transit	Wren Street Reconstruction	Street	Alicia	90%
Street	Pebble Hills Arterial Lighting	Street	Flower	90%
		Street	Isela Rubalcava	90%
		Street	Edgemere-RC Poe Roundabout	90%
		Street	MCA Quiet Zones	90%
		Airport	Concourse B Meet & Greet	90%
		Street	Edgemere-Rich Beem Roundabout	60%
		Street	Encino	60%
		Street	Dolan	60%
		Street	Geiger Cardis Malaga	30%
		Street	Edna	30%
		Street	Glenwood	30%
		Street	Cortez	30%
		Street	De Vargas	30%
		Airport	TSA Baggage Makeup Area Expansio	30%
		Airport	ARFF Building Remodel	30%
		Airport	Long Term Parking Lot Resurfacing	30%



# Key Performance Indicator

Key Performance Indicators	2015	2016 YTD	Target
Street Signal Synchronization Projects	355	406	655 Intersections by Fall 2016

**Downtown Circulation**  
**Downtown Synch.**  
**Far East System**  
**Mesa BRIO**  
**Alameda BRIO**  
**Dyer BRIO**  
**Montana BRIO**  
**All other**

Study completed in 2014  
 90 intersections completed in 2014  
 109 intersections completed in 2015  
 78 intersections completed in 2016  
 70 intersections will be synchronized  
 43 intersections will be synchronized  
 47 intersections will by synchronized  
 129 of 218 intersections completed to date by City staff





# Key Deliverables Update

Strategy	Objective (Action Plan)	Status
Enhance Regional Comprehensive Transportation System	Public transit Fixed Route on-time service performance of 97%	96.8%
	Lift on-time service performance of 94%	94.9%



# Key Deliverables Update

Strategy	Objective (Action Plan)	Status
<p>Continue the Strategic Investment in City Facilities and Technology</p>	<p>Programming dedicated crews for painting of City facilities and for playground equipment repairs</p>	<p>Implemented</p>
	<p>Complete Phase Two of Fuel Pump upgrades with installation of transmitters for automated fueling at all fueling facilities</p>	<p>To be completed by end of FY</p>
	<p>Implement upgrade of Fleet Management System software</p>	<p>Completed</p>



# Key Deliverables Update

Strategy	Objective (Action Plan)	Status
Set One Standard for Infrastructure Across the City	Complete Bicycle Plan to set standards on bike lanes appropriate for corridor types	Plan is 75% ; final plan to be brought forward for Council action
	Active street improvement projects under design will reflect the standards of the Great Streets and Corridor Plan	Plan is 90% complete; final plan to be brought forward for Council action



# Opportunities/Challenges

- Challenge to address deferred maintenance on existing infrastructure.
- Provide transit service assistance to Veterans as recommended by Veterans Affairs Advisory Committee.
- Seek Operating Assistance CMAQ funding through the Regional MPO to assist in initial years of operations for RTS and Streetcar projects.



# Continual focus...

*Additional insights?*

