



City of El Paso: Sun Metro

Legislative Agenda Briefing

March 2015



Our Mission



The mission of Sun Metro is to provide a first-class public transportation service to all El Pasoans and visitors so they can experience safe, reliable, professional, courteous customer service and economic opportunity.

➤ Support a long-term bill that

- establishes a dedicated trust fund mechanism that supplements existing revenues,
- preserves dedicated revenues to the Mass Transit Account, and
- maintains a strong federal program for public transportation

- Support a long term transportation bill as proposed by the President's reworked GROW AMERICA Act
 - Maintain Bus Facilities and Formula Grants Program (Sec 5339)
 - *Establish a Bus State of Good Repair Program as a counterpart to the State of Good Repair (Sec 5337)*

➤ Restoration of the bus capital funding to the pre-MAP 21 level of \$948 million

- Under MAP-21, dedicated bus capital funds were reduced from over 20% of dedicated capital transit funding, to 9.5% of the funds
- Bus and Bus Facilities capital program was reduced from \$984 million to \$422 million—a cut of more than 57 percent to bus capital funding
- *Support to restore Bus and Bus Facilities program funding to pre MAP-21 levels of \$948 million*

Alternative Fuels Tax Credit

- The Alternative Fuels Tax Credit provides public transportation providers with financial assistance in the form of a tax credit, to assist with converting their bus fleets from diesel to compressed natural gas
 - Sun Metro's tax credit is over \$2.5 million annually
 - Alt fuels tax credit expired Dec 2014
 - *Support preserving the Alternative Fuels Tax Credit for 2015 and beyond*

Future Capital Needs

- **SM's new Transportation Operating Center (TOC) is prepared for solar power**
 - Install solar panels on existing bus canopies (\$1.5M)
 - Build bus parking canopies for remaining bus parking area (\$2M)
 - Install solar panels on new canopies (\$1.6M)
 - Install lightning protection for entire TOC Facility (\$270K)
 - **Total project = \$5.37M**
 - **Project will make the TOC totally Green: 100% CNG power fleet and Solar powered electricity for all facilities at the TOC**

➤ Bus Expansion

- 2015/16 Articulated buses (14) = \$12.6M

➤ Mid-Life rebuilds and refurbishment

- 2008 NABI buses (60) due in 2016-2017 = \$15.3M
- 2010 NABI buses (8) due in 2018 = \$2.1M

➤ Bus Replacement

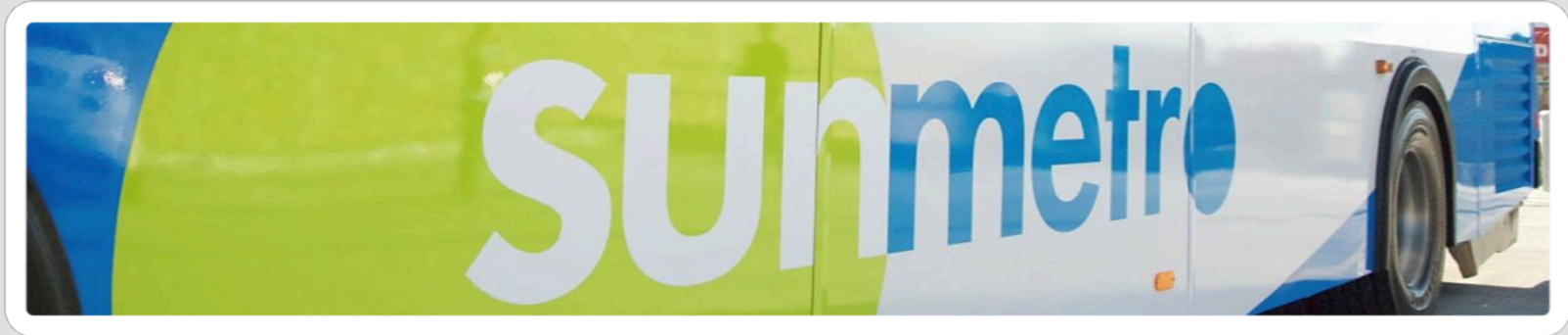
- 2004 New Flyer buses (24) eligible in 2016 = \$12.8M
- 2007 NABI buses (35) eligible in 2019 = \$20.5M

➤ Historical Union Depot improvements

- All windows replaced (\$100K)
- Repair of sinking front entrance porch area (\$85K)
- Bus parking lot replacement (\$400K)
- **Total project = (\$585K)**

Snapshot of Sun Metro

- 17 million bus passengers in 2014
- 200,000+ paratransit trips
- 166 buses
- 65 ADA (LIFT) buses
- 12 JARC (Job Express) vans
- 100% CNG bus fleet
- 643 employees (city and under contract)
- Annual operating budget over \$67 million
- Fixed Route managed by First Transit



- New Operations & Maintenance Facility (\$27M: FTA \$712K)
- Four BRT Corridors known as Sun Metro Brio (\$140M: 42.6% FTA)
- Five Points Transit Center Renovation (\$1.25M: FTA and local)
- Two additional transfer centers (\$10M: FTA and local)
- Proposed Streetcar System (\$102M: State and local)
- Three Transit-Oriented Development (TOD) communities
 - Northgate Transfer Center & TOD (\$10M Tiger/\$5M local)
 - Far-East Transfer Center & TOD
 - Five Points Terminal & TOD



New Transit Operations Center Operational April 7, 2014



BICENTENNIAL COUNCIL TRANSIT OPERATIONS CENTER



LOCATION

10151 Montana Ave.

ACREAGE

Total: 37.5 acres

Operations Building: 32,099 sq. ft.

Maintenance Building: 95,778 sq. ft.

CNG Fuel Dispensing Facility: 13,913 sq. ft.

Bus Wash Facility: 9,227 sq. ft.

Bus parking area with overhead canopies



FUNDING

Construction Cost: \$27,600,000

CNG Fueling Facility: Owned by Clean Energy

CNG Dispensing Facility: \$1,500,000 (50% FTA Funded)



SERVICES AND FLEET

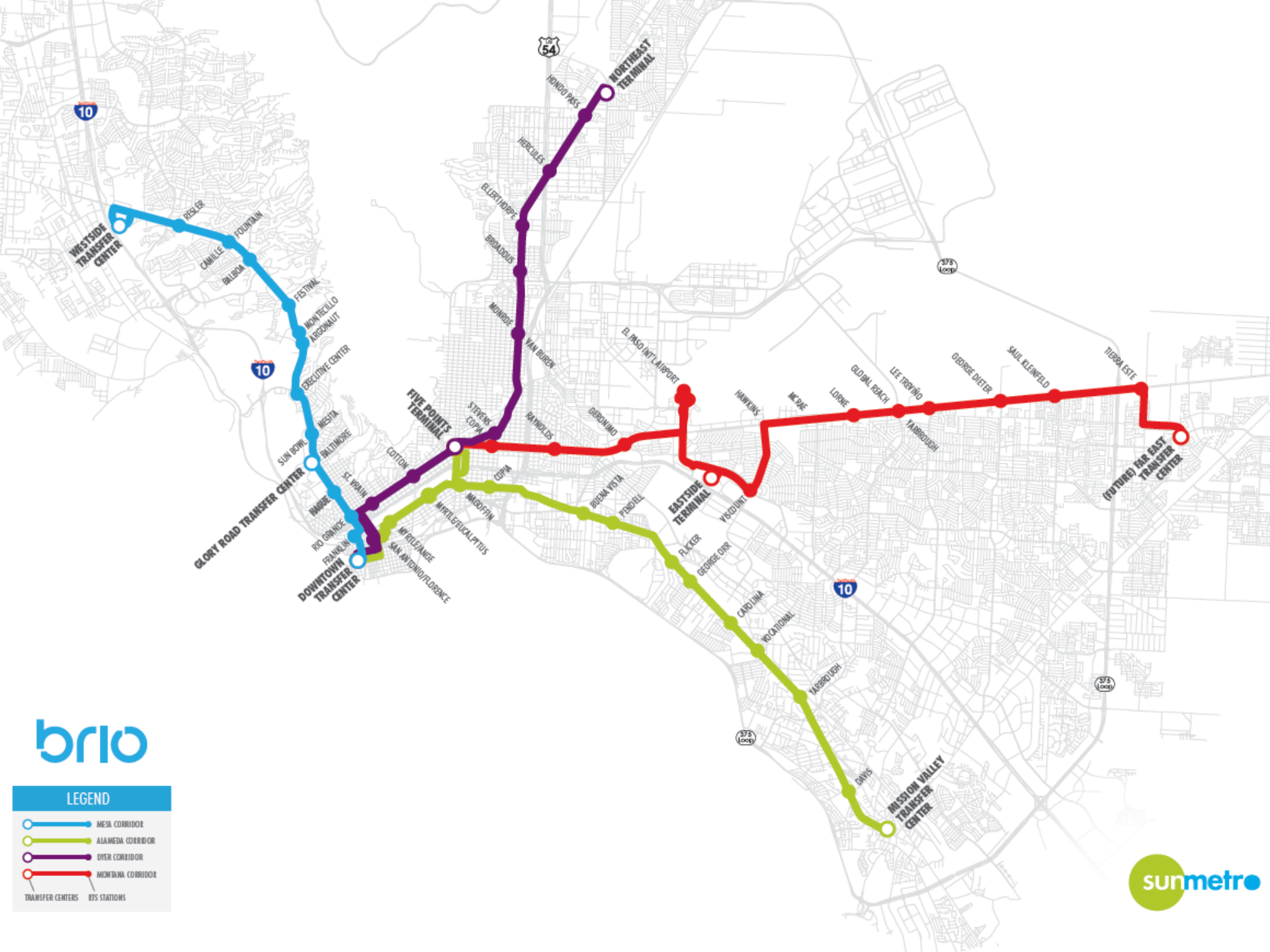
Current Bus Fleet: 156 buses

Non-revenue Vehicles: 35

Sun Metro Brio Rapid Transit System

- Brio Mesa Corridor: 10 articulated buses
- Brio Alameda Corridor (2016): 14 articulated buses
- Brio Dyer Corridor (2018): 10 articulated buses
- Brio Montana Corridor (2019): 14 articulated buses





LEGEND	
	MESA CORRIDOR
	ALAMEDA CORRIDOR
	OVER CORRIDOR
	MONTANA CORRIDOR
	TRANSFER CENTERS
	BTS STATIONS



About the Mesa BRT Corridor



Length: 8.6 miles

Beginning of route:

Downtown Transfer Center

End of route:

Westside Transfer Center

Total no. of buses: 10

No. of stations: 22

Total: \$27.1 million

FTA funding: \$13.5 million

Operational: Oct 2014

Mesa Brio RTS



Mesa Brio RTS



Mesa Brio RTS

Sun Metro Brio Station

- Unique Brio branding
- Near-level boarding
- Free Wi-Fi
- Fare pre-payment (ticket vending machines)
- Bike racks
- Shade screens with artwork
- Electronic real-time displays
- Solar-powered compacting trashcans

Sun Metro Brio Vehicle

- Unique Brio branding
- Two TV monitors
- Traffic signal prioritization
- Cost: \$790,000 (approx.)
- Length: 60 feet
- Fuel: Clean Natural Gas
- Seating capacity: 48 seats
- Standing capacity: 24
- Wheelchair positions: 2
- Bicycle racks: 3 interior
- Audio/visual destination and next stop information inside and outside vehicle



MONTECILLO

briio

About the Alameda BRT Corridor



Length: 14.5 miles
Beginning of route: Downtown Transfer Center
End of route: Mission Valley Transfer Center
Total no. of buses: 14
No. of stations: 29
Total: \$35.5 million
Funding: 100% City of El Paso and Sun Metro
Operational: late 2016

About the Dyer BRT Corridor



Length: 10.2 miles

Beginning of route:

Downtown Transfer Center

End of route: Future Northeast Transfer Center

Total no. of buses: 10

No. of stations: 22

Total: \$35.7 million

FTA funding (applied):
\$20.4 million

Operational: Jan 2018

About the Montana BRT Corridor



Length: 16.8 miles

Beginning of route: Five Points Transfer Center

End of route: Future Far East Side Transfer Center

Total no. of buses: 14

No. of stations: 26

Total project cost: \$43.3 million

FTA funding (anticipated): \$25.7 million

Operational: May 2019



Northgate TOD: before acquisition

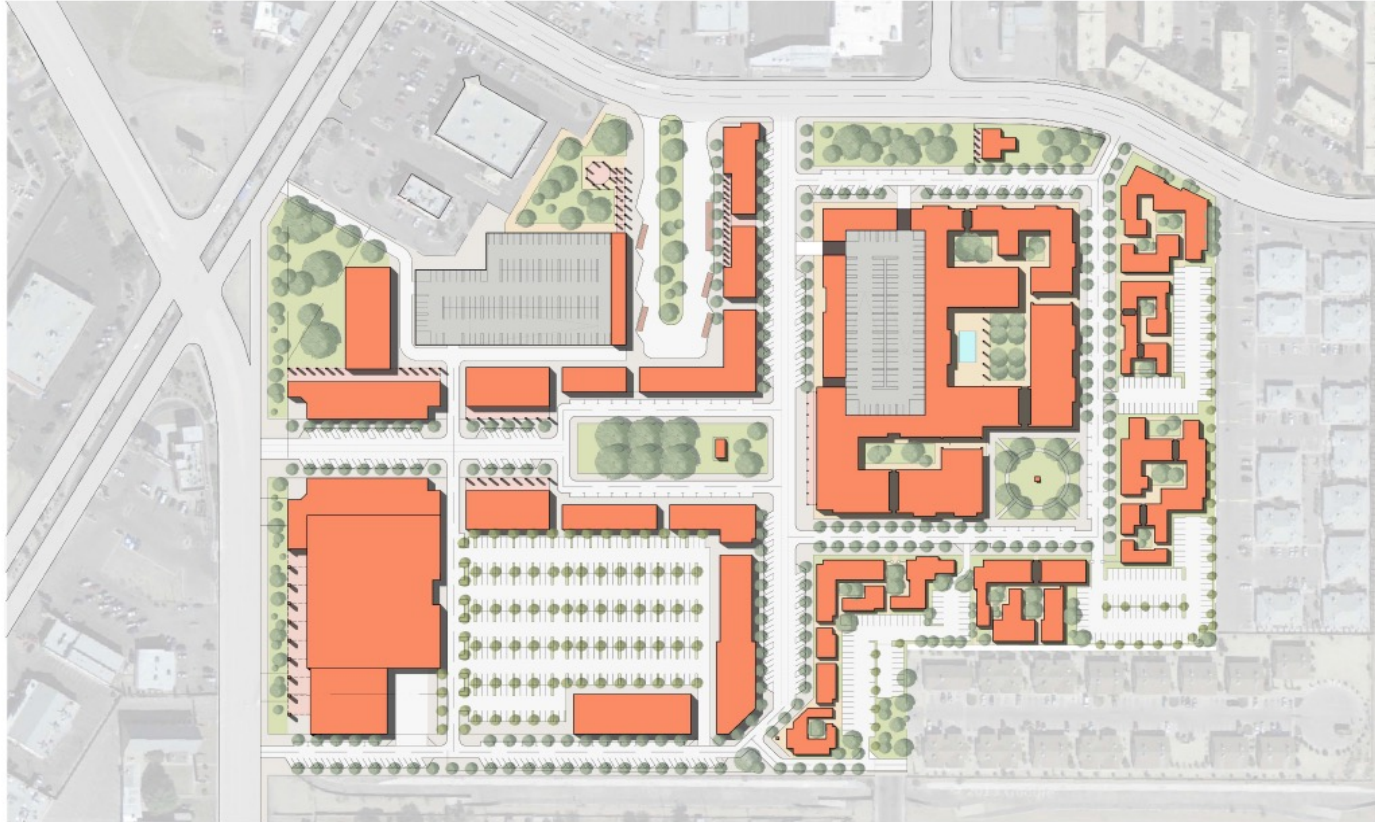


Current
Terminal

Aerial View of Northeast Property (Before)

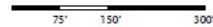
Northgate TOD: approved layout

EXHIBIT C
EXHIBIT G - APPROVED CONCEPTUAL DRAWINGS



METRO 31 - EL PASO, TX
24 OCTOBER 2014
HUNT DEVELOPMENT GROUP

ILLUSTRATIVE PLAN



MOULE & POLYZOIDES

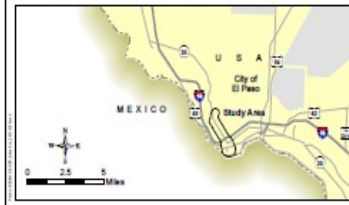
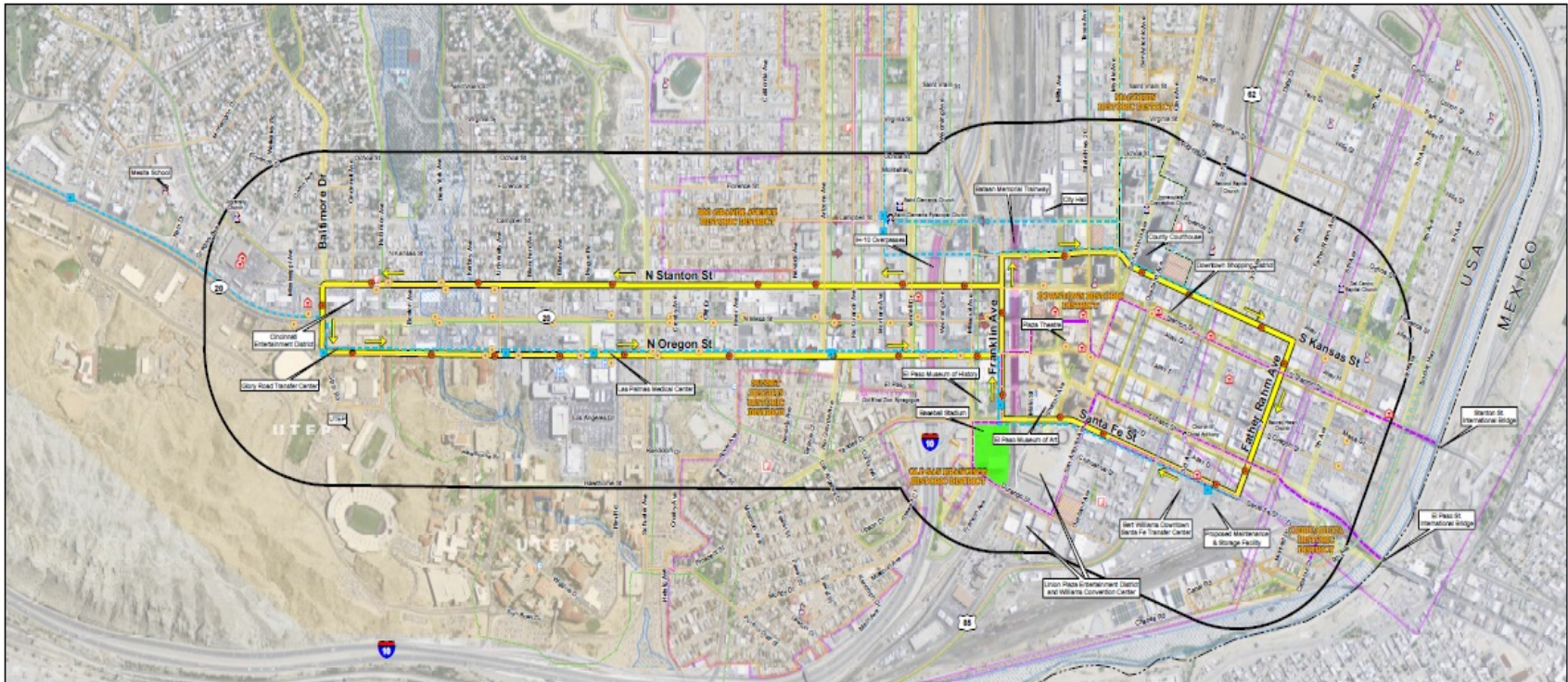
About the Northgate TOD

- 6 acres to be used for development of the Northgate Transfer Center: TIGER grant
 - Components include: transit center, parking deck, and street renovations
- Remaining 24 acres to be a Public-Private Partnership venture with Hunt Companies
 - Proposed Build-out recommended by Dover-Kohl
 - 130,000 sq. ft. of retail
 - 500 to 800 residential units
 - Mid-block parking structure for 480 parking spaces
 - 7,300 linear feet of new streets

NE TOD Project Funding

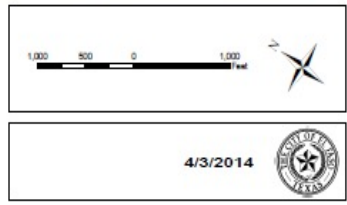
TIGER V Grant	10,302,054	
STIP Grant	1,569,446	
City/SM Match	<u>3,437,000</u>	incl. land value \$1.3M
	15,308,500	
Private Developer (est)	<u>111,000,000</u>	incl. hard & soft costs
	126,308,500	

El Paso Streetcar Project



El Paso Streetcar Project Route

- Legend**
- Primary Route
 - Proposed Stop
 - Bus Stop Location
 - Bus Route
 - RTD Stop Location
 - RTD Route
 - Transborder Route
 - Bicycle Route
 - 22-City
 - Place of worship
 - Place of worship
 - Fire Station
 - Police Station
 - Grocery/Pharmacy
 - Government District
 - Parking Garage
 - Clinic
 - Hospital
 - Prison #1 Study Area
 - School
 - 100-Year Foundation
 - Historic District
 - National Register Historic District
 - Historic Streetcar Route



El Paso Streetcar Project

- **About the budget**
 - The Texas Department of Transportation's Texas Transportation Commission allocated \$97 million on June 26, 2014 for the development of the project
- **The proposed amenities include**
 - Streetcar branding with 2 banners per block along the route and signage at all designated stops
 - Additional pedestrian lighting at the designated stops
 - Canopies and improved landscaping and shrubbery at designated stops
 - Free Wi-Fi on the streetcars
 - Approximately 4 miles of curb-to-curb pavement improvements
 - Approximately 8,100 linear feet of sidewalk improvements
 - Driveway and ADA street corner improvements along the route
- **Operational in 2018**

El Paso Streetcar Project

- **About the vehicle**

- First put into service in 1936, the Presidents' Conference Committee (PCC) cars' streamlined design was attractive, quieter and more economical than earlier versions of streetcars; with better motors, controls, acceleration and braking.
- The rehabilitated vehicles will be approximately 45 feet long, 8.5 feet wide, with two entrances
- The proposal calls for the refurbishment of eight PCC cars, with the possibility of a ninth car
- The cars will feature
 - a design previously used in El Paso during the 1950s, 60s and 70s
 - modern controls housed in an old-fashioned console
 - upgrades for safety, air conditioning, and ADA provisions

El Paso Streetcar Project



El Paso Streetcar Project





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