CITY OF EL PASO COMPLETE STREETS

RENDERINGS

Railroad Drive

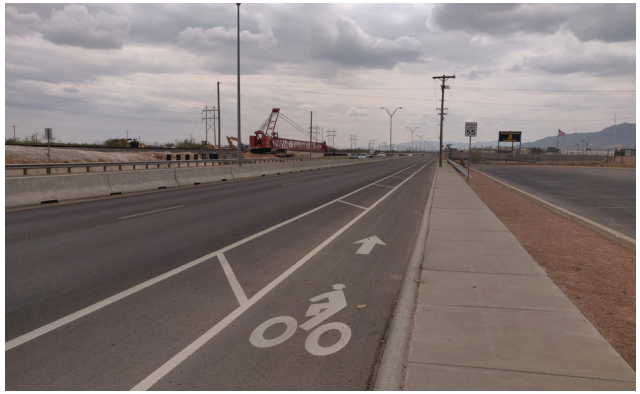
El Paso, Texas | September 2020

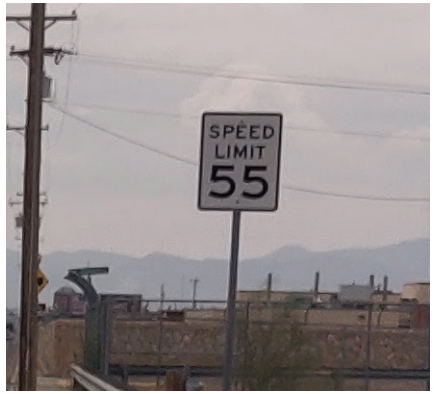
This high-speed corridor in Northeast El Paso currently has a speed limit of 55 mph. The road was recently resurfaced and restriped to include a bike lane with a wide buffer. The City of El Paso Bike Plan includes a Bicycle Facility Selection Matrix that recommends a cycle track or shared use path for bike facilities along roads with this speed limit. A cycle track was chosen due to the recommended speed limit of 35 mph, in accordance with recommendations from NACTO City Limits: Setting Safe Speed Limits on Urban Streets.

The cycle track converts the striped asphalt area to include concrete curbs, which provide physical separation between cyclists and vehicles. Native and desert adapted plants provide increased shade and reduce temperatures throughout the corridor. Water harvesting elements reduce irrigation needs for landscaping elements and prevent ponding and erosion, helping to extend the lifecycle of the roadway and bike lane. Solar-lighted bollards increase pedestrian and cyclist comfort during early morning and nighttime use.

Impact Group:
Cyclists

Designed By:
Quantum Consultants





Yarbrough Drive

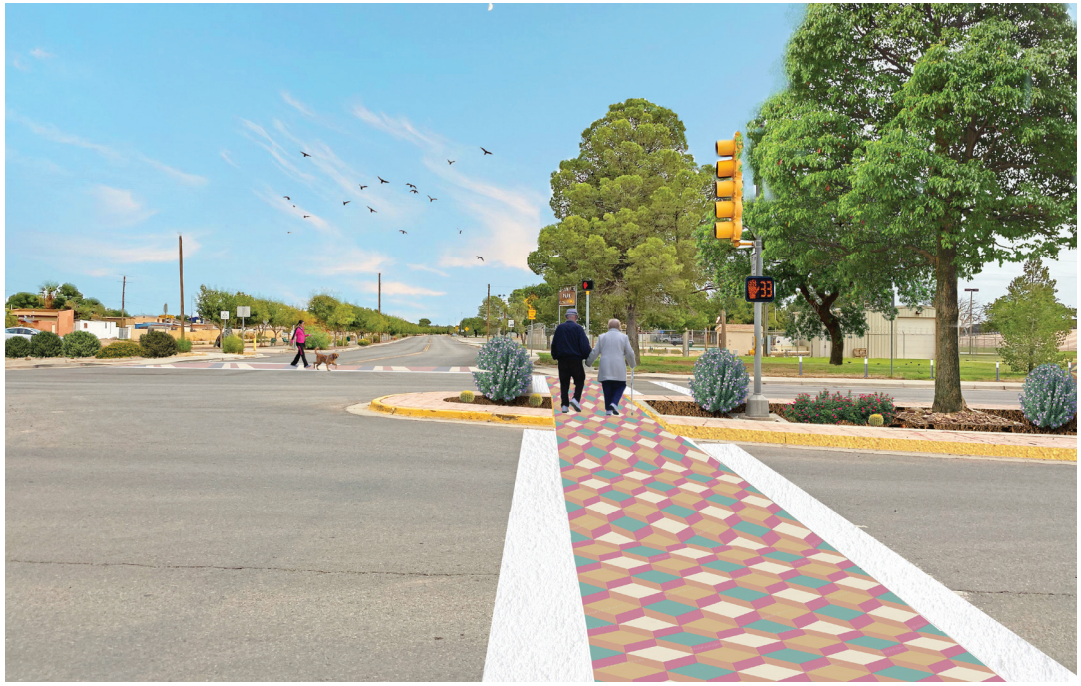
El Paso, Texas | September 2020

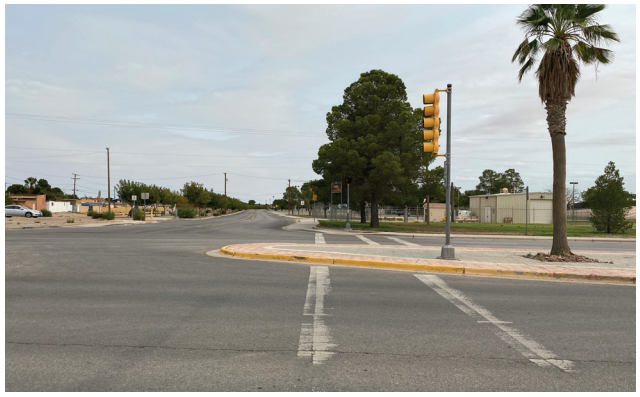
At this intersection, Yarborough Drive is almost 100' wide and includes three lanes in each direction. There is a wide, stamped concrete median with palm trees on the south crossing of the intersection that currently blocks access across through the striped crosswalk.

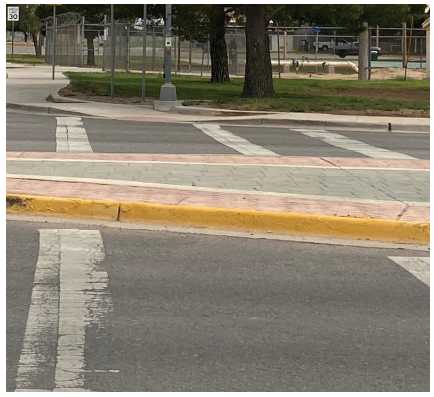
The reimagined crossing firstaddressesac cessibility issues through curb cuts that create an at-grade pedestrian refuge within the existing median. A palette of native and desert adapted plants, including appropriate shade trees, help to reduce the urban heat island effect and increase comfort for pedestrians. A high visibility painted crosswalk increases driver awareness of pedestrian activity in the area and incorporates public art into the streetscape.

Impact Group:
Senior Residents

Designed By:
Quantum Consultants







Diana Drive

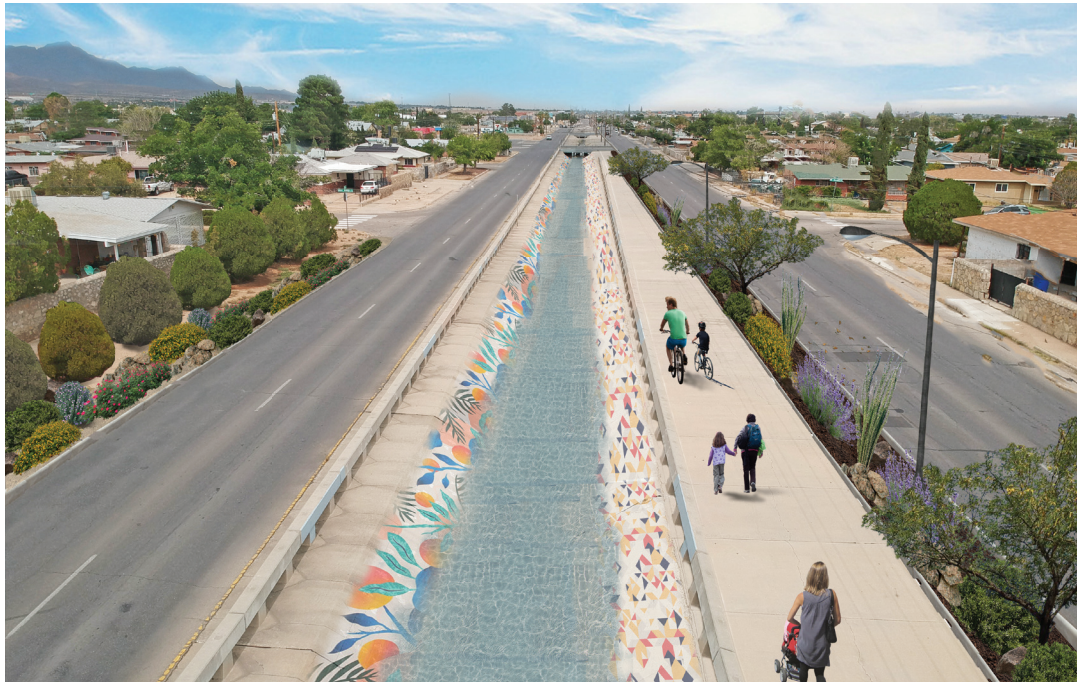
El Paso, Texas | September 2020

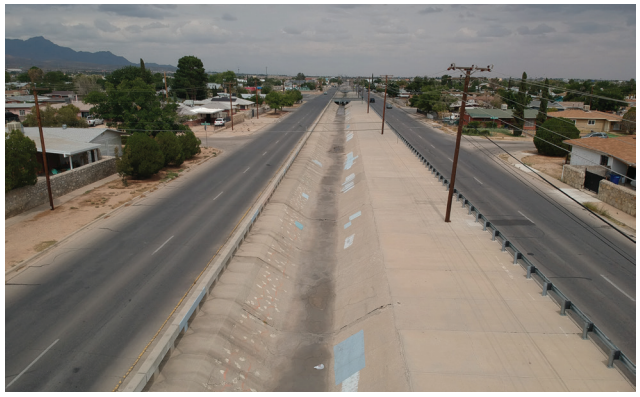
Diana Drive features a unique cross-section throughout the corridor between Hondo Pass Drive and Railroad Drive, with a 50' wide concrete median and stormwater canal. The existing median includes a wide concrete path that is currently inaccessible due to guard rails. The canal is regularly used as a canvas for graffiti and the current maintenance practice is to cover these using gray paint. This corridor provides connections to multiple elementary schools and MagoffinMiddleSchool,o ffering an opportunity to greatly improve student, parent, and staff safety through Safe Routes to School design components.

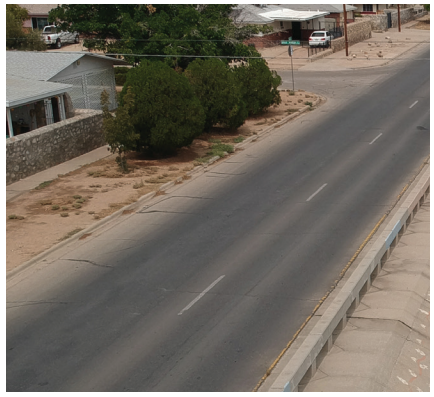
Moving the guardrail to the edge of the canal reclaims a large portion of the right-of-way for pedestrian and cyclist activity. Due to the limited number of intersections across the canal, users of the new trail are exposed to 50% fewer intersections compared to walking along the existing sidewalks. Reduced conflict points also contribute to smoother flowing vehicle travel. The canal walls have been transformed into a public art installation and a "river walk" concept is implemented. The pollinator-friendly landscaping palette creates a pollinator corridor, providing opportunities for educational signage and learning opportunities.

Impact Group:
Students

Designed By:
Quantum Consultants







Tetons Drive

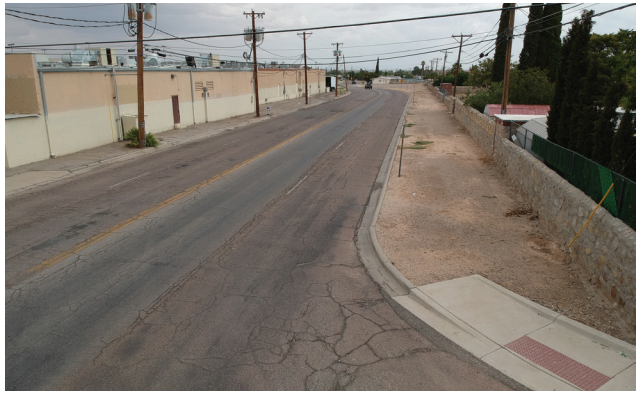
El Paso, Texas | September 2020

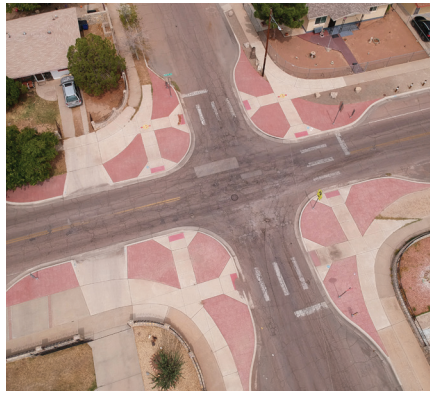
This segment of Tetons Drive currently has two lanes in each direction without any accommodations for pedestrians or cyclists. There are SunMetro bus stops on either side of this segment, but no sidewalks or facilities that connect the stops to the neighborhood.

This design concept utilizes a “road diet” that right-sizes the street to improve safety for all road users and is in-line with similar trafficc alming elements at various points along Tetons Drive. Landscaping, lighting, and water harvesting elements within the median, as well as murals along the businesses, promote community pride and create a vibrant destination for walking and cycling. A new shared use path provides connectivity and enables accessibility for all users.

Impact Group:
Neighborhood

Designed By:
Quantum Consultants





RC Poe Road

El Paso, Texas | September 2020

RC Poe Road is currently a neighborhood street with one lane each direction, a center turn lane, and bike lanes. This road provides access to the future Far East Transfer Center, with direct connections to Edgemere Boulevard, Rich Beem Boulevard, and Tierra Este Road and nearby Montana Avenue. El Dorado High School, Paso del Norte School, and the Sierra Providence Hospital are all within a 15-minute walk of this corridor.

RC Poe Road provides an opportunity for El Paso's first dedicated bus lane near the Far East Transfer Center along the Montana Brio line. This design utilizes traffic calming measures to reduce lane widths and accommodate a dedicated bus lane and curb-separated two-way cycle track. Dedicated bus lanes help to ensure regular, on-time arrivals of bus routes and are especially effective for Bus Rapid Transit (BRT) routes such as the Brio. The adjacent cycle track encourages multi-modal travel options and reduces automotive dependency for transit riders.

Impact Group:
Public Transportation Users

Designed By:
Quantum Consultants