



Utility Coordination Update



April 16, 2019

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Active Projects

- **Hawkins**
 - Estimated to start construction Summer 2019
- **Railroad**
 - Estimated to start construction Spring 2020*
- **Schuster**
 - Estimated to start construction Winter 2019
- **Brian Ray**
 - Estimated to start construction Spring 2019
- **Ted Houghton**
 - Estimated to start construction Fall 2019

2012 Street CIP

67 PROJECTS

23 COMPLETED

12 IN CONSTRUCTION

12 IN BIDDING

20 IN DESIGN



Completed Projects

Project	
Barker Reconstruction	Pendale Reconstruction
Carpenter Reconstruction	Ramos Reconstruction
Central at Paisano	Rim at Hague Intersection Improvements
Cielo Vista Sidewalk Repair	Robinson Reconstruction
Edgemere Parkway	Springwood Traffic Calming
Independence Trail and Amenities	University Pedestrian Improvements
Kernel Reconstruction	Van Buren 2-way conversion
Little Flower Reconstruction	Geiger Reconstruction
Love Rd Property Acquisition	Malaga Reconstruction
Manor Reconstruction	Cardis Reconstruction
Monroe 2-way conversion	Mesquite Hills Lighting
Pebble Hills Extension	

Geiger, Cardis, and Malaga



COMPLETE

Kernel Reconstruction



COMPLETE

Manor / Baker Reconstruction



COMPLETE

Pebble Hills Extension



COMPLETE

Pendale Reconstruction



COMPLETE

Rim at Hague Improvements



COMPLETE

Active Reconstruction Projects

Project	District	Est. Construction Start	Budget
Annie and Ethel Reconstruction, Montoya Heights Sidewalk	1	BIDDING-Spring 2019	\$2,811,140
Canterbury Trail	1	TBD	\$1,302,300
Redd Road Median Landscape and Lighting	1	In Construction	\$2,937,899
Robinson Reconstruction Phase II	1	BIDDING-Summer 2019	\$2,700,622
Edgemere Trail Widening, Lighting and Landscape	3	Spring 2019	\$1,657,100
Glenwood Reconstruction	3	In Construction	\$2,004,167
Mimosa Reconstruction	3	Fall 2019	\$2,411,000
South Central Phase II (Encino(North of Delta), DeVargas, Cortez(North of Delta))	3	AWARDED-Spring 2019	\$8,621,284
Sunglow Landscaping	3	Winter 2019	\$388,351
Toni, Mary Jeanne, Yvonne Reconstruction	3	Spring 2019	\$1,486,338
Viscount Street Improvement Lighting	3	Fall 2019	\$3,053,700
Deer Ave NTMP	4	In Construction	\$523,239
John Hayes Arterial Lighting	5	Summer 2019	\$1,599,929

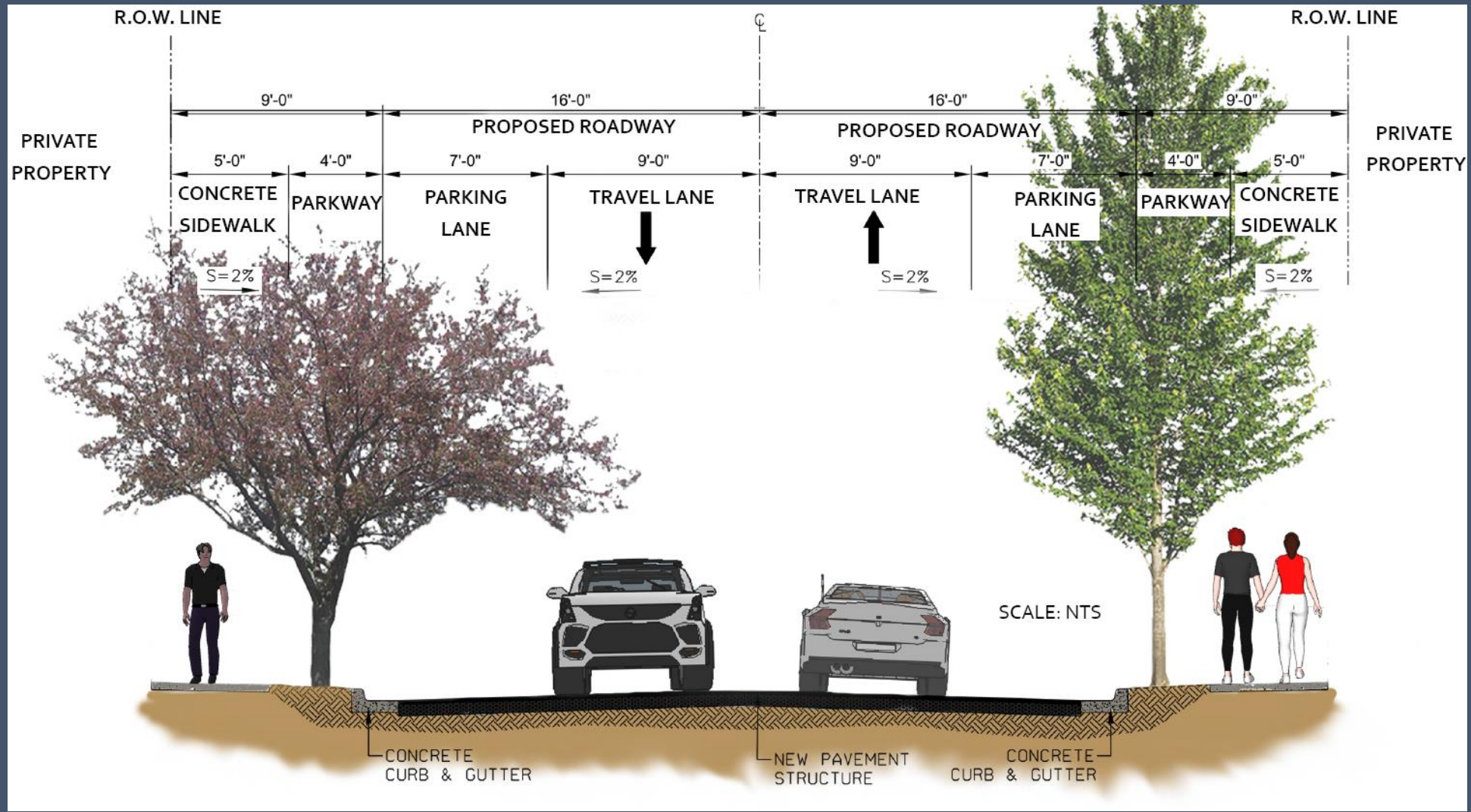
Active Reconstruction Projects

Project	District	Est. Construction Start	Budget
Rich Beem Street Lighting	5	BIDDING-Summer 2019	\$1,780,220
Davis Reconstruction	6	Summer 2019	\$1,851,322
New Haven Reconstruction	6	BIDDING-Spring 2019	\$1,984,000
Padilla Reconstruction	6	Summer 2019	\$2,249,005
Phillipy Reconstruction	6	TBD	\$797,632
Snelson Reconstruction	6	Fall 2019	\$740,000
Gene Torres NTMP	7	Fall 2019	\$483,913
Holly Reconstruction	7	Fall 2019	\$796,000
James Reconstruction	7	BIDDING-Spring 2019	\$1,788,594
Lomaland, Paddlefoot, McCune Reconstruction	7	Fall 2019	\$8,055,000
Lowd Reconstruction	7	Fall 2019	\$1,971,814
Mauer Rd NTMP	7	Summer 2019	\$400,000
Princeton, Tulane, Valley View Reconstruction	7	In Construction	\$5,399,000

Active Reconstruction Projects

Project	District	Est. Construction Start	Budget
Mauer Rd NTMP	7	Summer 2019	\$400,000
Princeton, Tulane, Valley View Reconstruction	7	In Construction	\$5,399,000
River Bend Phase III	8	BIDDING-Summer 2019	\$2,918,072
South Central Phase III (Encino (South of Delta), Elena, Feliz)	8	BIDDING-Spring 2019	\$4,461,015
South Central Phase IV (Edna(West of Concepcion), Dolan)	8	Fall 2019	\$3,930,215
South Central Phase V (Edna(East of Concepcion), Cortez (South of Delta))	8	Fall 2019	\$6,224,221
Terramar Reconstruction	8	BIDDING-Summer 2019	\$1,319,000
Yarbrough Street Lighting	3, 7	Fall 2019	\$1,317,800
MCA Quiet Zone	3, 8	2019	\$6,162,049
South Central Phase I (Alicia and Flower)	3, 8	In Construction	\$12,954,277

Princeton, Tulane, and Valley View



IN CONSTRUCTION

Flower Reconstruction



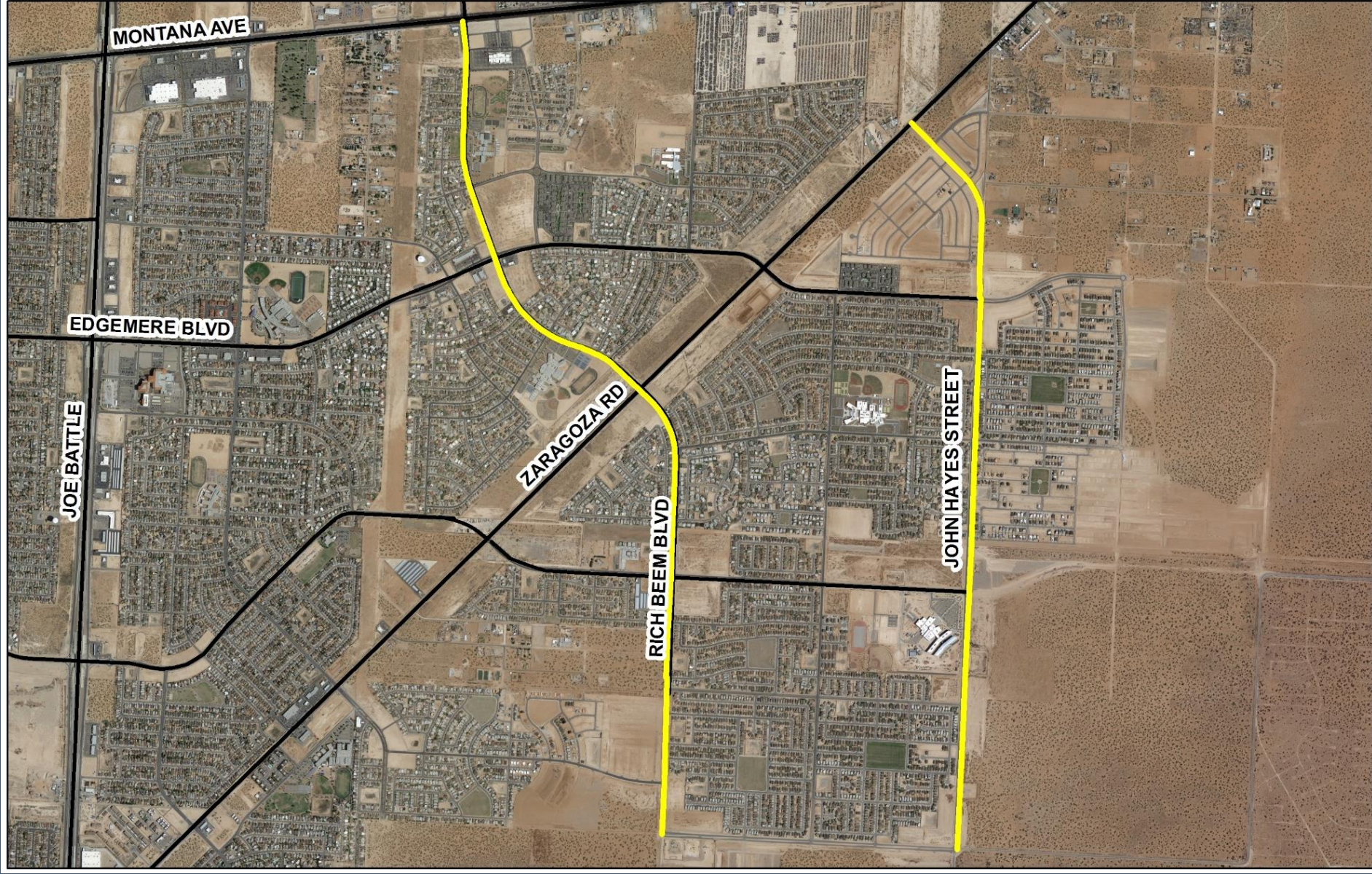
IN CONSTRUCTION

Paddlefoot Reconstruction



IN PROCESS

Rich Beem and John Hayes



IN PROCESS

Lomaland Reconstruction



IN PROCESS



Utility Coordination

Benefits of Coordination

- Coordinating with all utilities departments to avoid:
 - Project Delays
 - Utility Cut
 - Disruptions
- Maximizing the effect of projects
- Upgrade utilities
- Work around Major facilities
- Private development





- Impacts on project schedules
- Testing requirements for domestic water
- New water meters
- EPW pays for 30" storm pipe and above
- Storm water management (NPDES Compliance)



**Texas
Gas Service®**

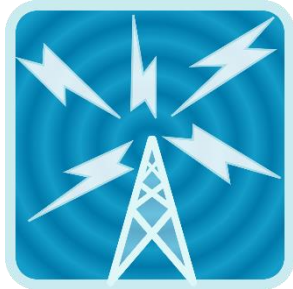
A Division of ONE Gas

- TX Gas performs work prior to City
- Shallow Pipes
- Services are on private property
- Ongoing coordination
- Franchise agreement requires that they relocate at no cost to the City



- Monthly coordination
- Meter coordination
- Usually work around EPE poles to minimize impacts
- Franchise agreement requires they relocate at no cost to the City

Telecommunication Companies



- Facility as built accuracy
- Unforeseen conditions cause big impacts
- Monthly meeting
- Individual Project Coordination



Permitting Process

Utility Permitting Process

1. Obtain ROW permit (usually a 15 day review period for a 6 month permit life), the contractor will request TCP/PCP permits.
2. Once the permits have been issued the contractor may schedule a precon meeting (first inspection) prior to work commencement to clarify questions they may have in regards to limits and repairs.
3. The inspection will continue to be scheduled in ACCELA as work progresses and an inspection schedule is delivered automatically to the inspector's supervisor.
4. Inspectors follow construction design standards and the code as part of the inspector's quality assurance responsibilities.
5. During the work there will be a series of Walk-Through meetings to identify any deficiencies.
6. Permit will not be closed until final inspections conclude, all preconstruction conditions have been restored and as-builts has been submitted.



Challenges and Opportunities

Utility Challenges and Opportunities

- Adhering to DSC due to backfill costs
- Temporary repairs
- Unrepaired location potholes/trenches
- Premature sub-grade failures
- Construction process schedule
- Micro trenching
- Driveway / ADA ramp asphalt apron on new developments
- Traffic control permits/adherence
- Alternative materials being used
- Unpermitted cuts





Next Steps

- **Coordination with other departments**
 - BPI for new development
- **CIP Planning**
- **PCI Study**
- **5G**
- **Verizon – 600 miles new fiber**
- **Smart cities integration**
- **Ongoing coordination with utility departments**





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CITY OF EL PASO

Thank You