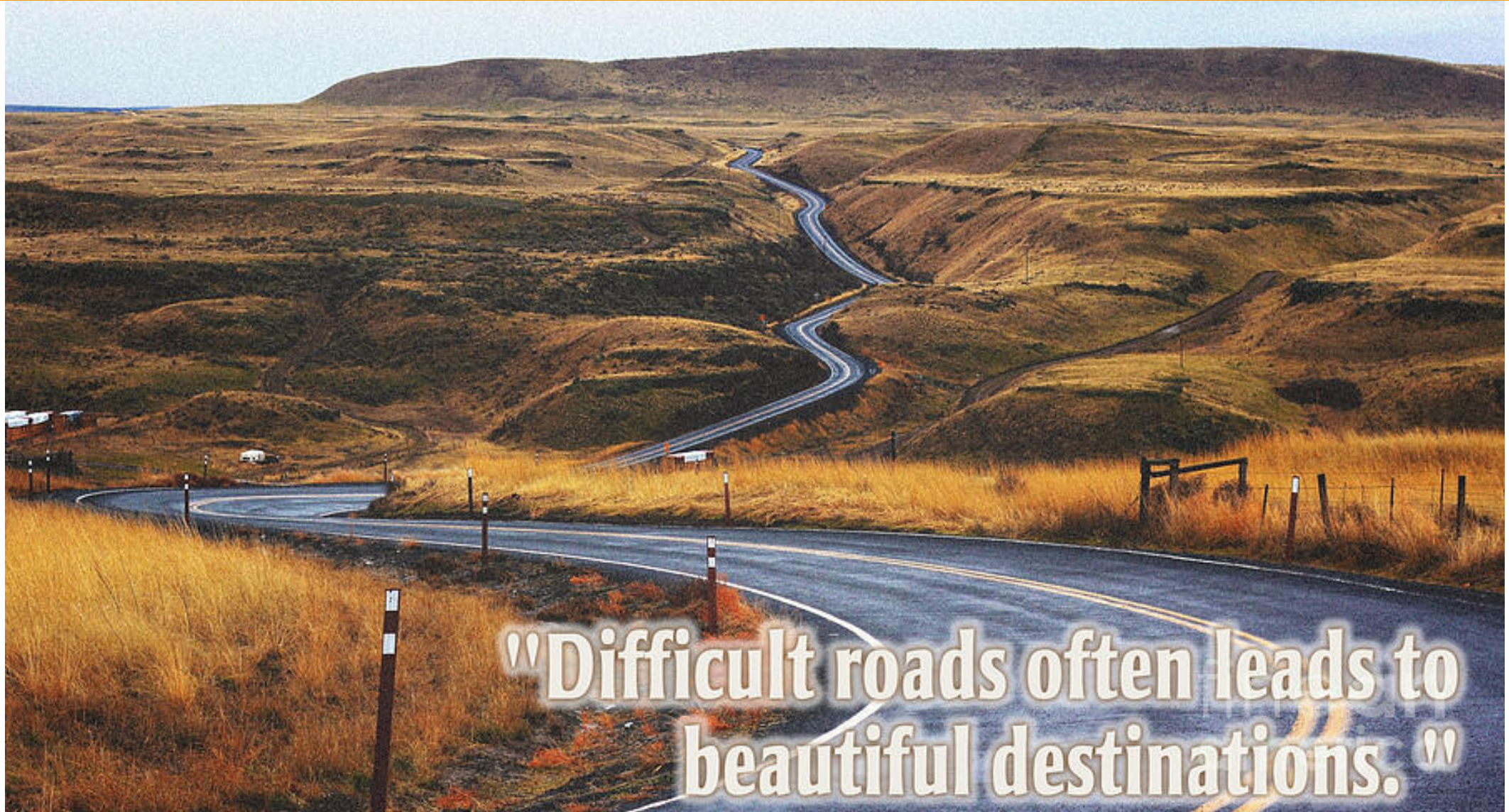




Public Works Capital Project Update

February 8, 2023

Street Project Summaries



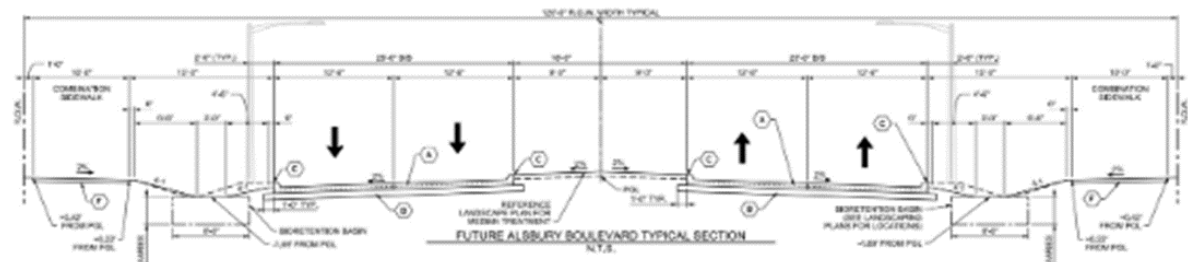
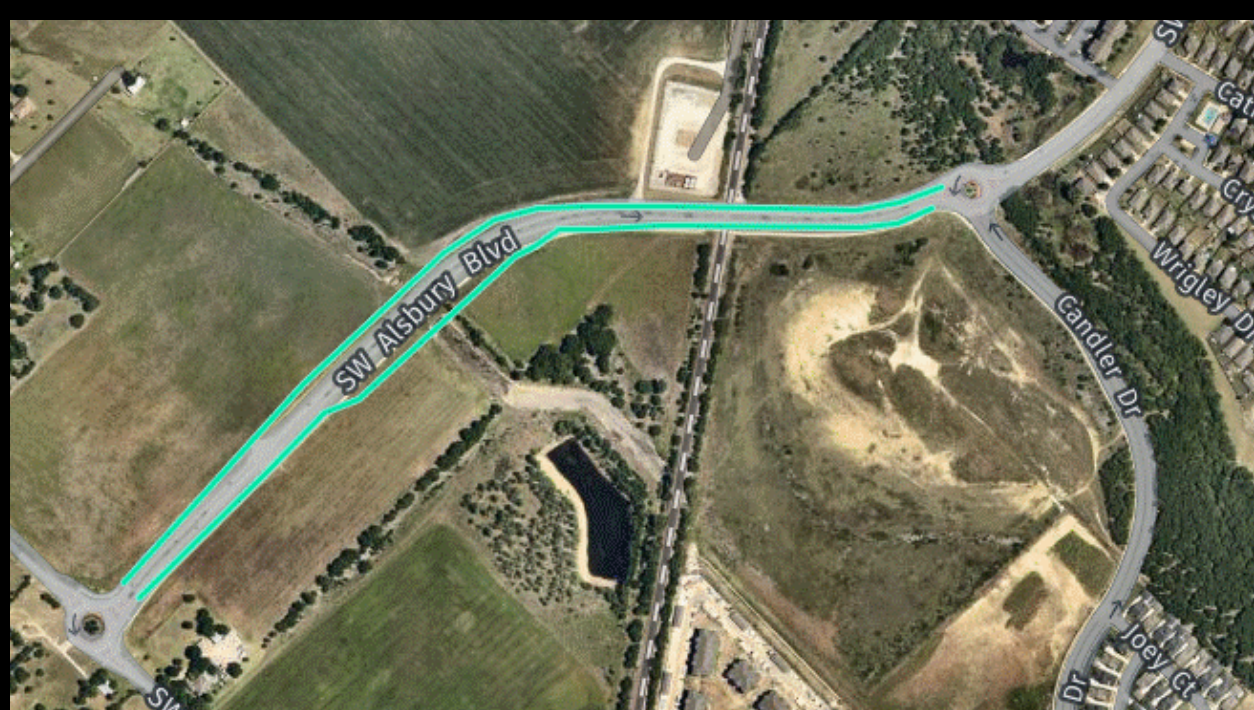
Alsbury Ph. 1B -Candler to Hulen Outside Lanes ST2302

Description

- Expansion to 4 lanes (2 each direction)
- No additional ROW required

Status

- Design contract awarded Oct 2022 - \$368,229
- Design underway - anticipate 60% Plan set Feb 2023 with design completion by Sept 2023
- Const. Budget - \$3,631,771



Alsbury Ph. 2 -Hulen to CR1020 (Bridge) ST2202

2022 GO Bond Project

Status

- 4 ROW Easement needed
- 3 Parcels Acquired
- Consultant addressing 60% plan review comments from staff and JCSUD
- 90% plans anticipated Feb 2023
- 100% plans anticipated July 2023; initiate construction Oct 2023
- Design - \$606,750
- Const. Budget - \$6,678,029



Design in Progress



Previously Project #167364

Lakewood Drive Connection to Chisholm Trail Pkwy

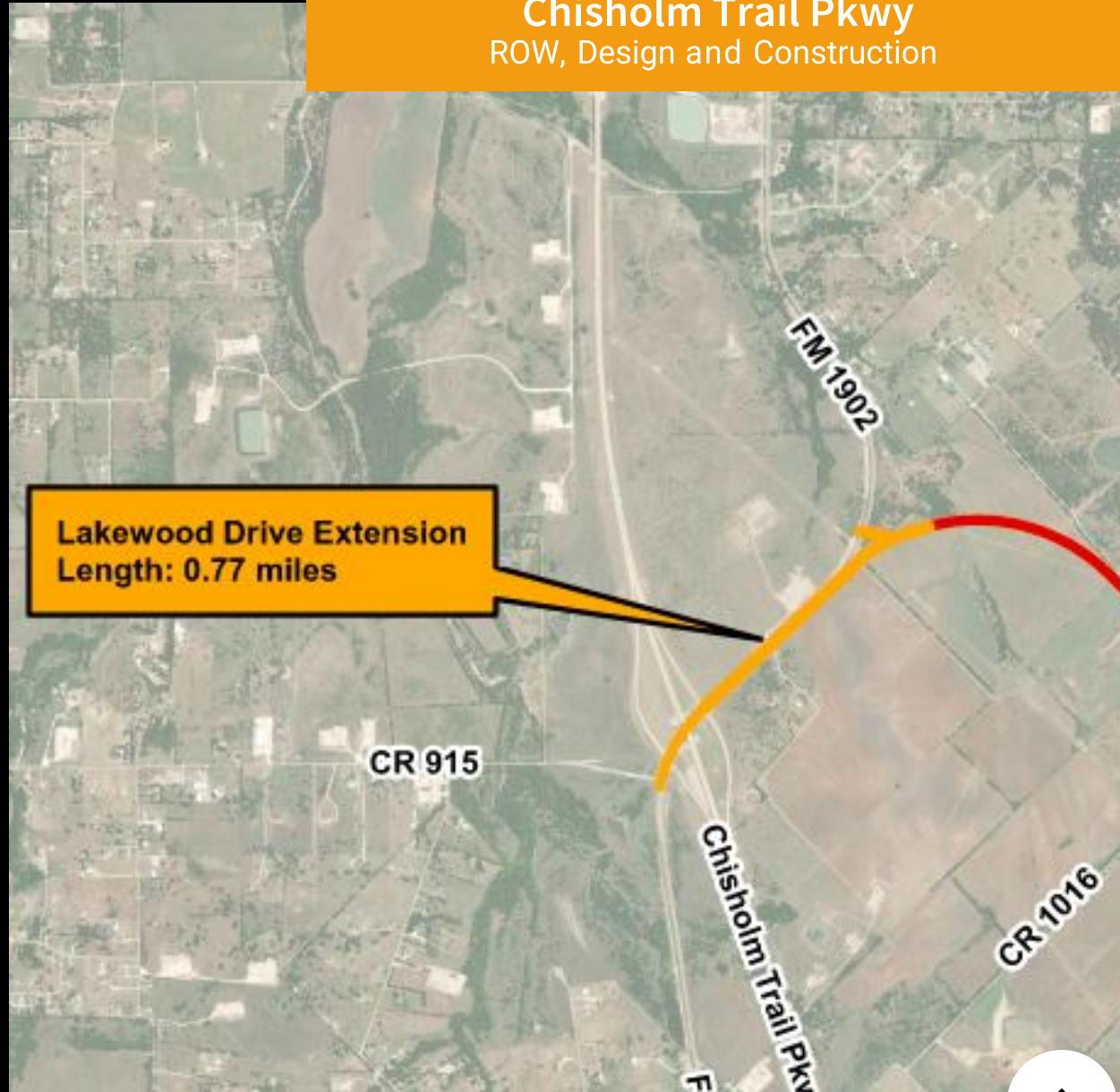
ROW, Design and Construction

Description

- Permanent Connection from Lakewood to FM1902
- Design Funding Included in Lakewood Drive Construction Estimates

Status

- Staff selected Kimley Horn to complete design and environmental
- Design Cost of approx. \$1,000,000
- Council action - Feb. 20, 2023
- Estimated Construction Cost - \$16M
- Estimated Construction beginning in FY26



Description

- Extension of Alsbury Blvd by ultimately increasing from 2-lanes to 4-lanes
- Portion of design funded by 2022 GO Bond (FY23 & FY24), additional design funding in FY24

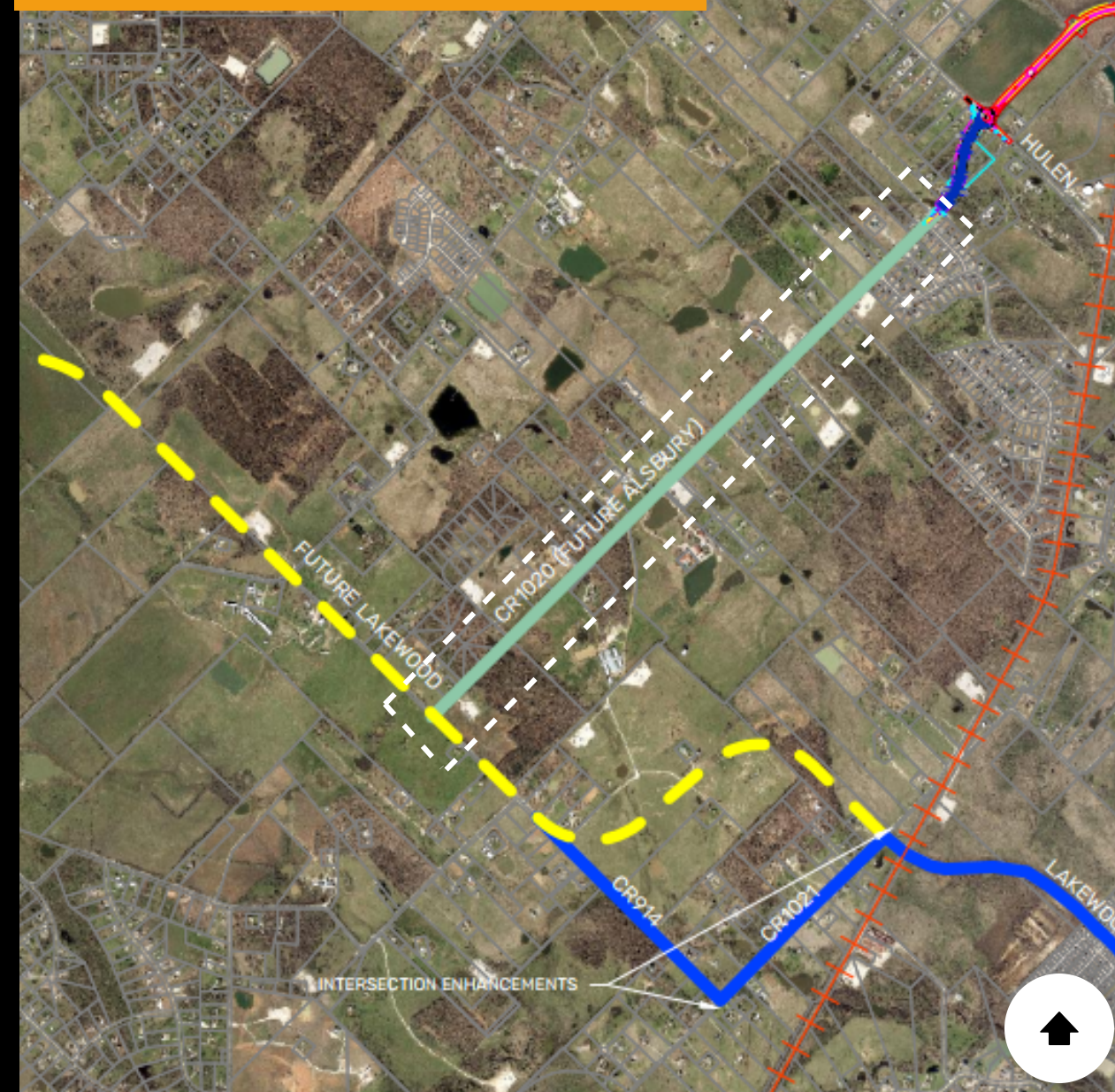
Status

- Staff to begin identifying ROW acquisition opportunities
- Shortlisted firm interviews conducted 1/5/2023 - Freese and Nichols selected
- Council Approval - Feb. 20, 2023
- Design Budget - \$4,333,000
- Property acquisition from over 40 property owners
- ROW Agent included in design

Alsbury Ph. 3 -Widening to CR 914

ROW & Design ONLY
ST2301

2022 GO Bond Project



Hulen/SH174 Intersection, Widening to Candler, & 16 in. WL ST2306

2022 GO Bond Project

SH174 Corridor Analysis identified capacity needs
Ultimate Shown, study recommends Right & Dual Lefts

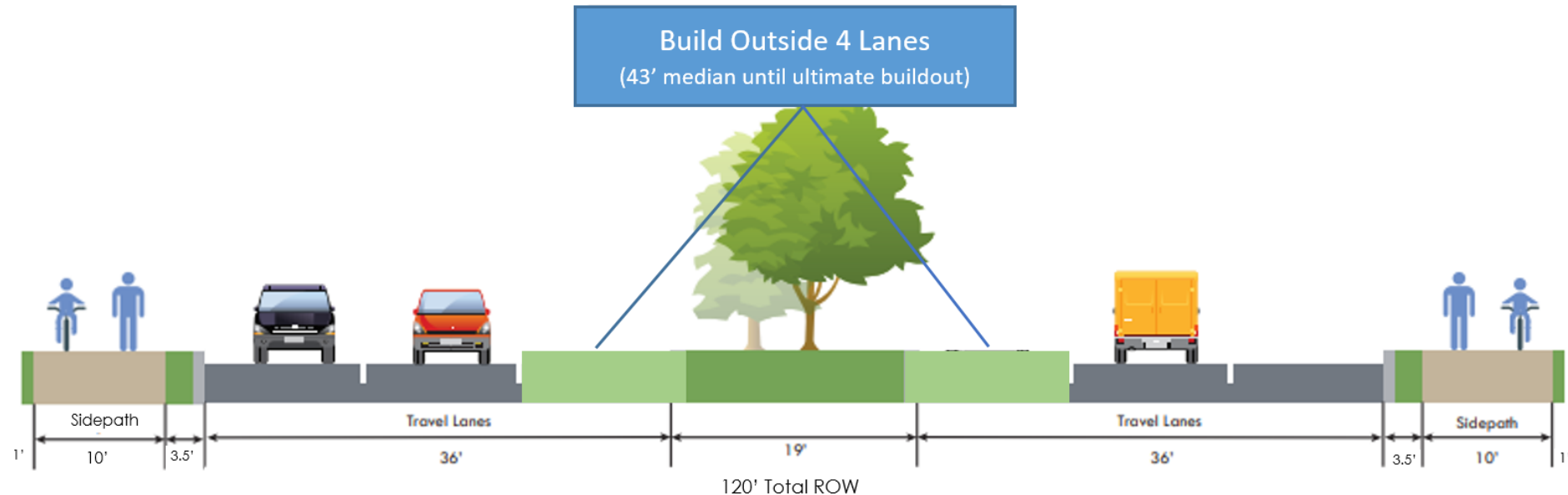
$\Delta=8^{\circ}38'50''$
 $R=1000.00'$
 $L=150.92'$
 $CB=S49^{\circ}48'31''E$
 $CD=150.78'$

Status

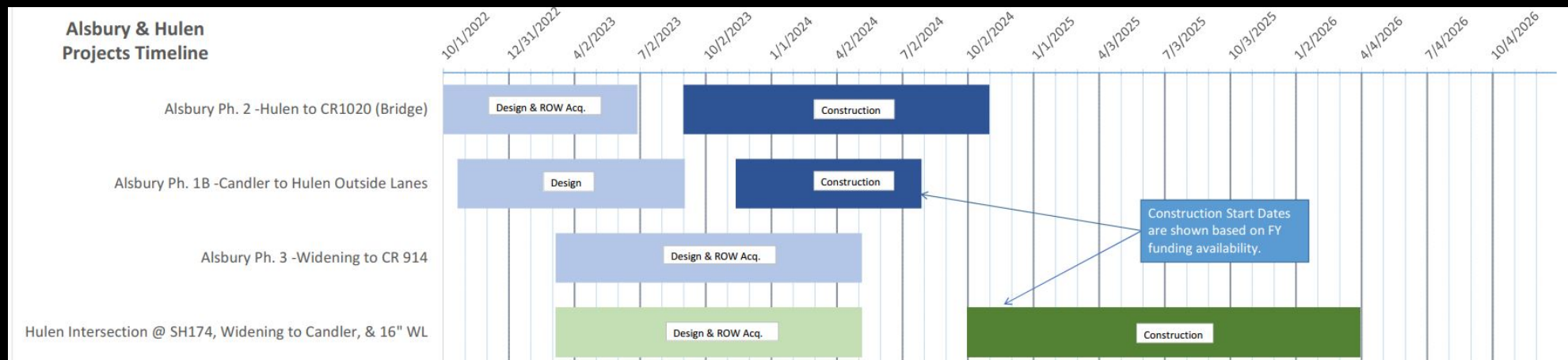
- Combined three projects into a single project
- Shortlisted firm interviews conducted 1/4/2023 - Teague, Nall and Perkins selected
- Council Action - February 20, 2023
- Design Budget - \$1,620,000

Challenges

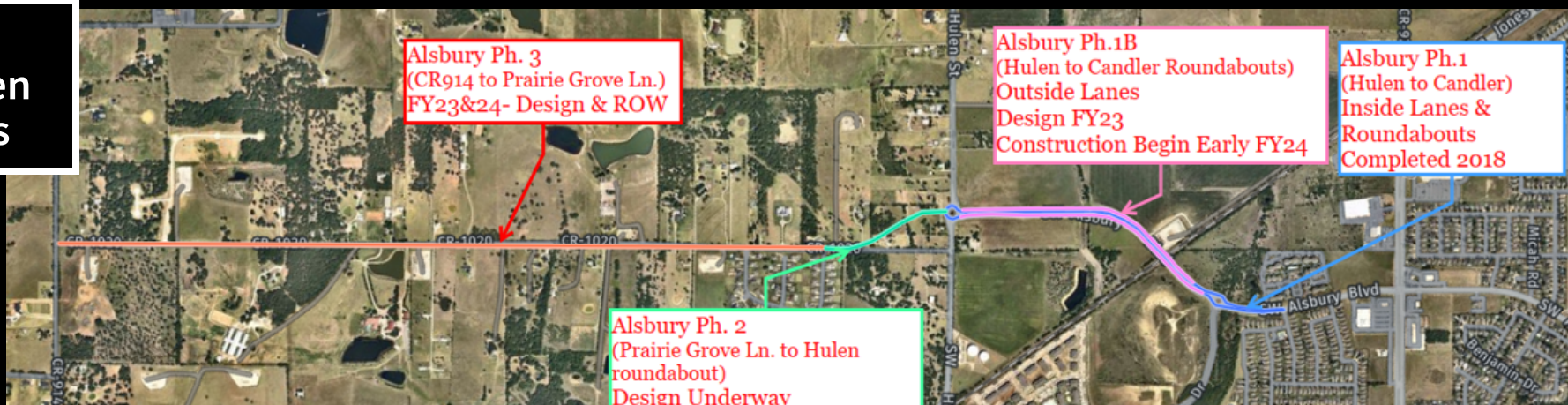
- ROW Acquisition, TxDOT Coordination and approval



Project #	Project Name	Status or Future Funding	Est. Design Time (months)	Design Est. Start	Design Est. End	Est. Const. Time (months)	Construction Est. Start	Construction Est. End
ST2202	Alsbury Ph. 2 -Hulen to CR1020 (Bridge)	In design (FNI). Right of way, easements, and parcels are being aquired. Existing (\$606,750); GO Bond- FY22 \$948k; FY24 \$6,434,496	12.5	6/13/2022	6/29/2023	14	9/1/2023	11/1/2024
ST2302	Alsbury Ph. 1B -Candler to Hulén Outside Lanes	In design (FNI). Add'l CMO Budget- FY23 \$323,545; FY24 \$3.5M	10.4	10/21/2022	9/3/2023	8.5	11/13/2023	7/29/2024
ST2301	Alsbury Ph. 3 -Widening to CR 914	FNI selected from RFQ process. Deisgn contract anticipated Mar 6th City Council. GO Bond- FY23 \$2.5M; Add'l CMO Budget- FY24 \$1,833,091	14	3/7/2023	5/7/2024			
ST2306	Hulen Intersection @ SH174, Widening to Candler, & 16" WL	TNP selected from RFQ process. Deisgn contract anticipated Mar 6th City Council. Existing (197410)- \$1.6M ;GO Bond- FY25 \$1.8M; FY26 \$7,504,680 W.WW CIP- FY25 \$464,889 ; FY26 \$3,299,185 ;Add'l CMO Budget- FY26 \$3,630,029	14	3/7/2023	5/7/2024	18	10/1/2024	4/3/2026



CIP FY22-27 Alsbury & Hulén Area Projects



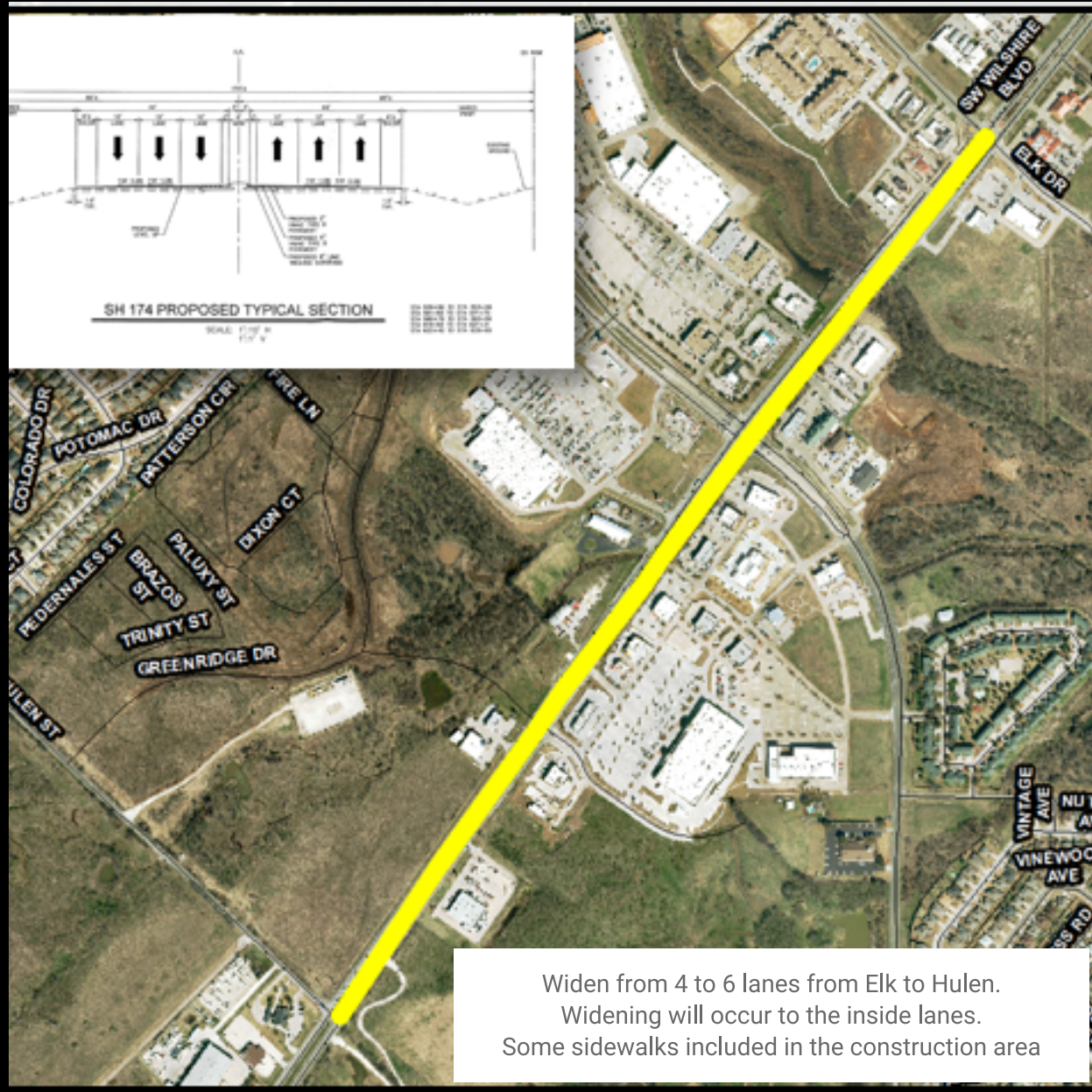
SH174 Widening to 6 Lanes (Elk to Hulen) 197405

Status

- Received 60% PS&E plan comments from TxDOT 11/18/22
- Consultant working on 30% Preliminary Bridge Layout and 60% PS&E comments from TxDOT
- Design is 100% City funded. TxDOT funding & letting 100% of the construction phase
- Letting in November 2024
- 18-24 month construction timeline
- Design Budget - \$885,500
- Const. Budget - \$7,410,000

Challenges

- NCTCOG funding for a portion of TxDOT's Construction Costs available in FY24
- Coordinating construction timeline with Parks' Village Creek Trail (10 Mile Loop) project

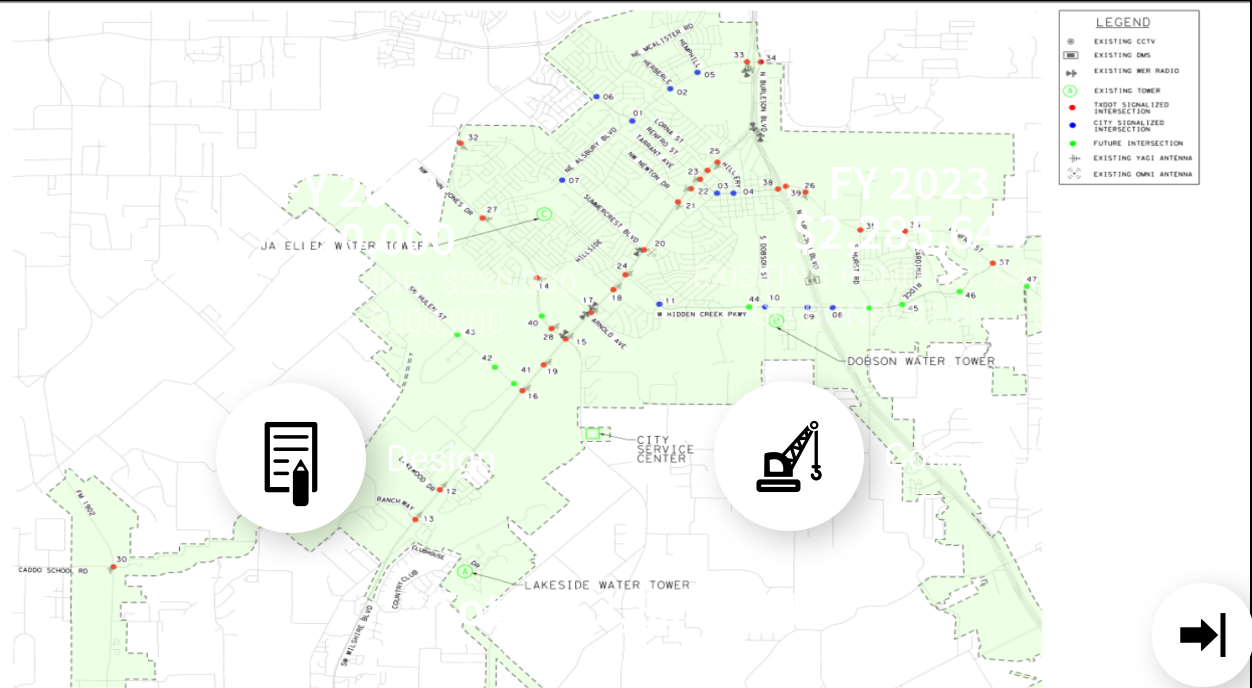
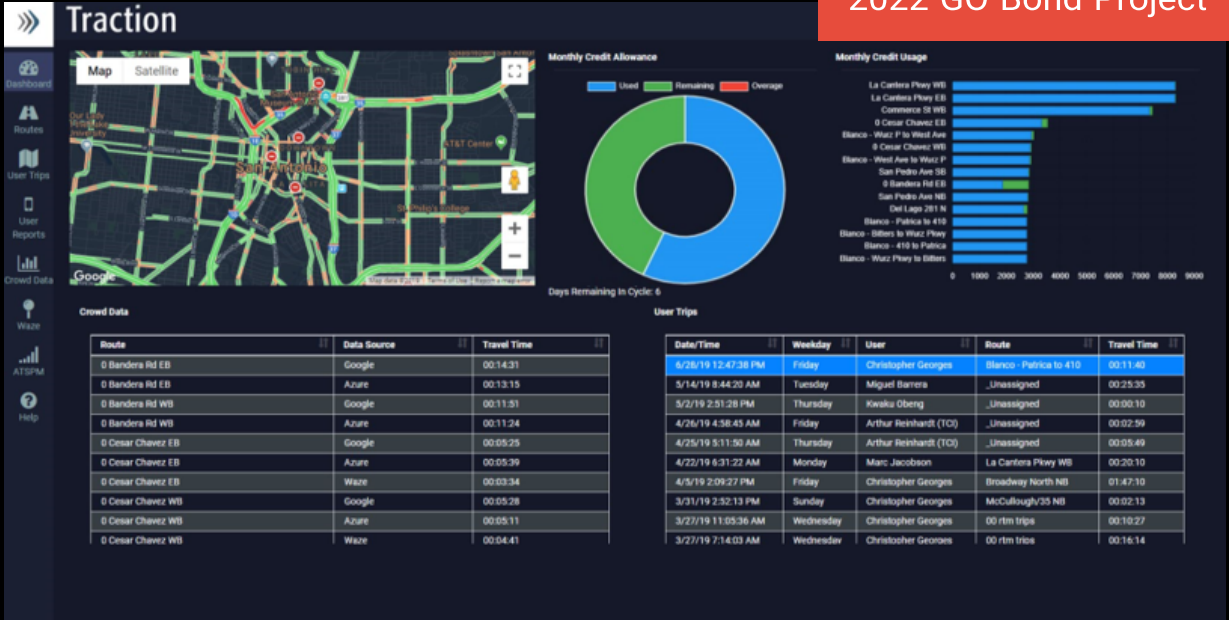


Traffic Signal Improvements (ITS) SH174

TR2201

Description

- Design at 100%
- Project will consist of Signal Infrastructure Upgrades, a Traffic Management Center (TMC) and CCTV Cameras
- Design Budget - \$183,244
- Construction Budget - \$2,610,000
- **HSIP Grant**
- Alsbury Traffic Signal Upgrades will be funded by the grant.
- AFA to City Council in March.



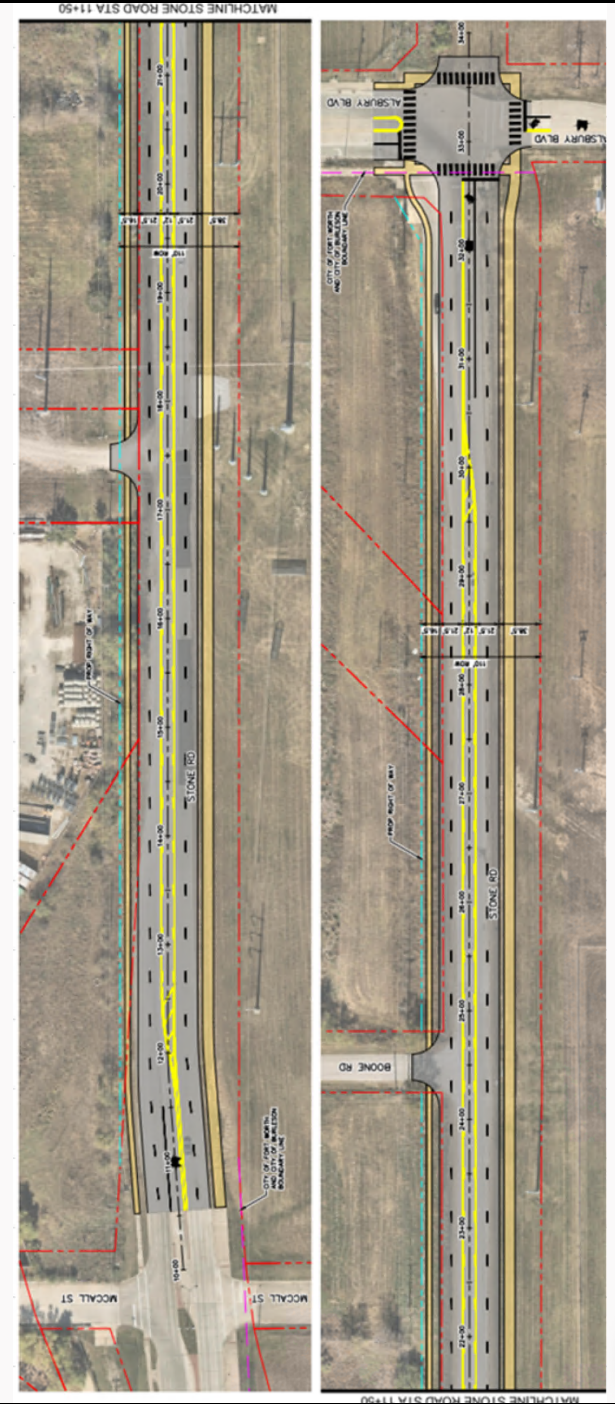
Village Creek Parkway Expansion (Tarrant Co. Bond 50% Match) ST2309

Description

- Tarrant County Bond (50% match) plus \$500k (discretionary funds from Tarrant County Commissioner)
- Reconstruction of existing 2-lane undivided asphalt section to 4 or 5-lane undivided concrete section with curb & gutter, storm drain, street lighting, sidewalk, & 10' shared use trail

Status

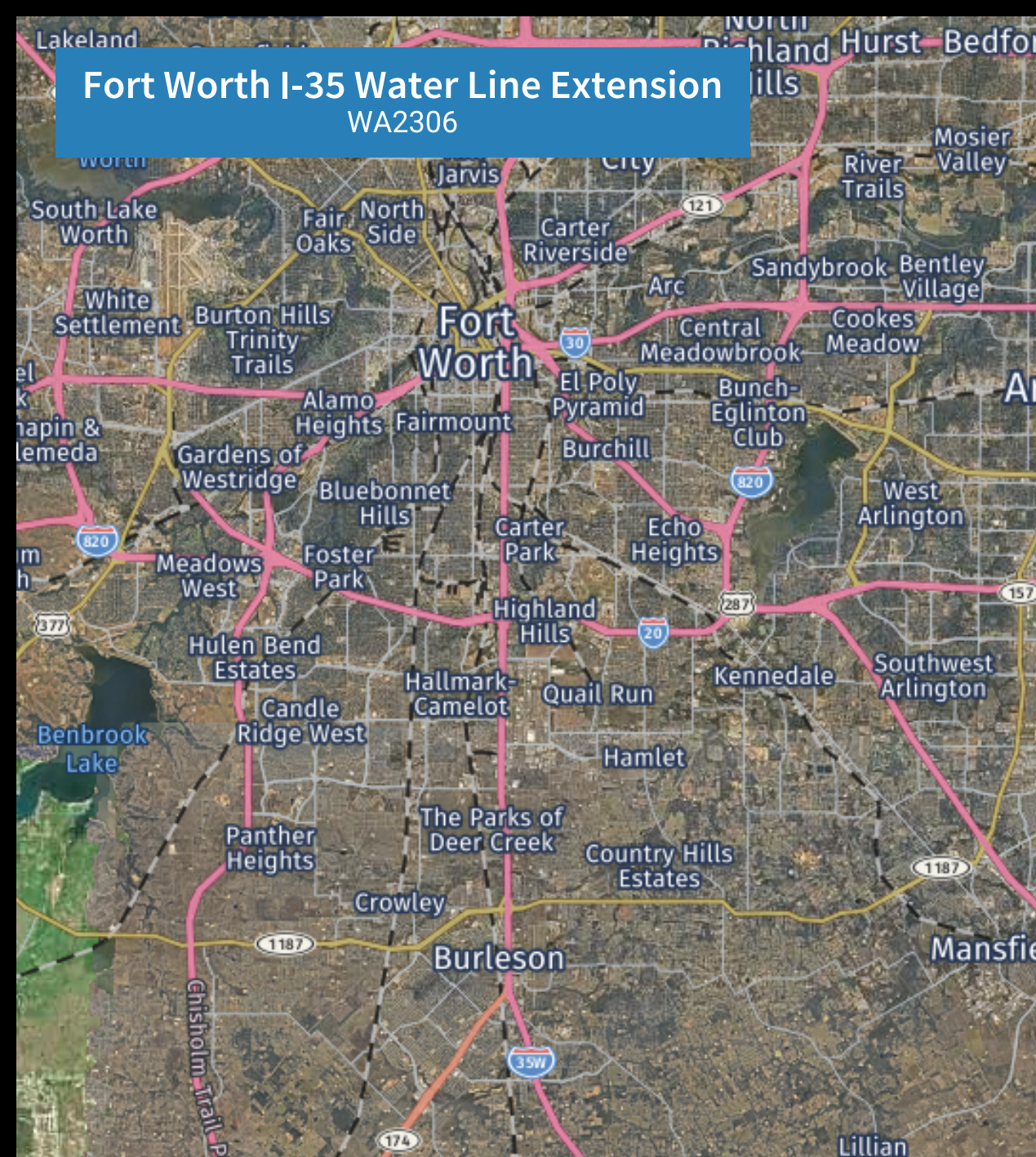
- ILA and design contract approved at 1/9/23 City Council
- Design now underway - preliminary design concepts to be shared based on Council feedback
- Anticipate design completion Oct. 2023
- Design Budget - \$380,595
- Est. Const. Budget - \$6,300,000



Water Project Summaries

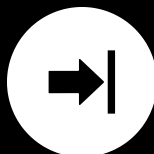


Fort Worth I-35 Water Line Extension WA2306

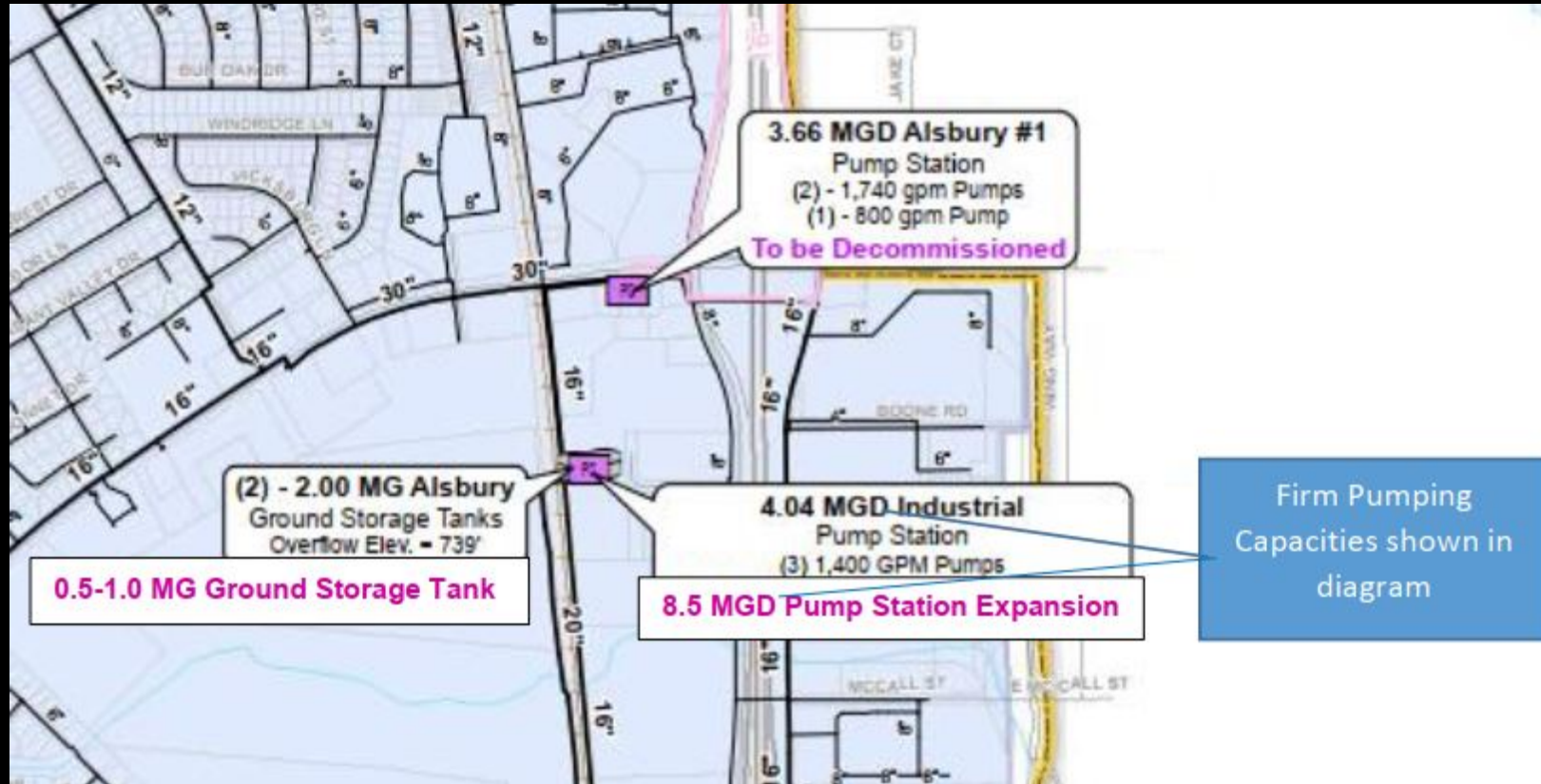


Description

- Extension of additional high volume water main from City of Fort Worth for additional City of Burleson water service capacity
- Additional capacity will provide enough water for ultimate build-out of City.
- City will only be involved financially, not with design or construction elements
- City is obligated to reimburse our proportional share.
- Estimated City Participation - \$16,268,425



Industrial Pump Station Exp. & Alsbury Pump Station Decom. WA2301



Description

- Construction of 4-4.5 MGD pump station expansion at the Industrial Pump Station to serve the Lower Pressure Plane
- Decommissioning the Alsbury #1 Pump Station

Status

- Shortlisted firms' interviews were conducted 1/5/23. Kimley-Horn chosen by interview panel.
- FY23 Design Budget - \$1,288,380
- FY24-25 Construction - \$5,337,652



Facility Project Summaries



Description

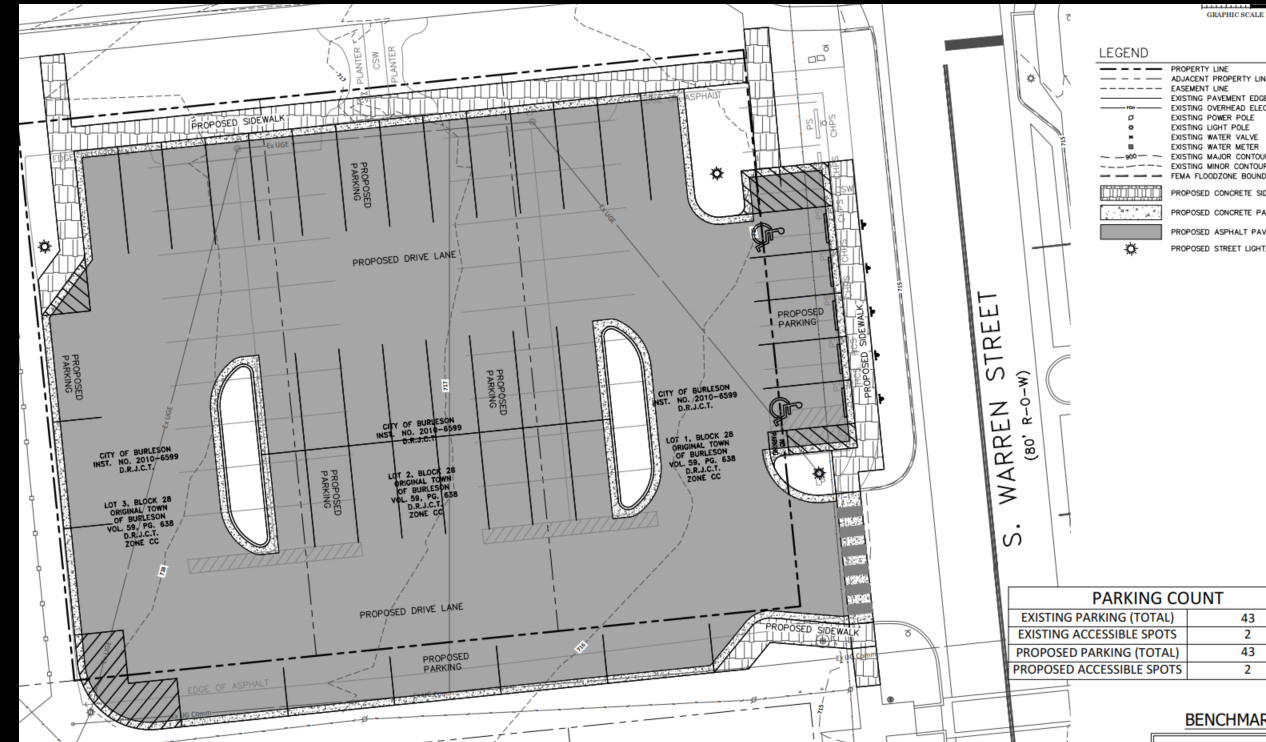
Redesign City Hall West Parking lot to improve circulation and match aesthetics of the Bufford parking lot

Status

- Construction contract awarded 1/9/2023
- Construction Start: 1/30. Scheduled to complete construction before 2023 Hot Sounds of Summer Concerts
- Notifications going out to public and staff week of 1/24.
- Const. Budget - \$437,487.30



Old Town- Plaza Visitor Parking Lot ST2303



Old Town- Ellison Parking & Street Re-alignment w/ Annex 3 Site 21PW02

Status

- Design underway with Dunaway
- 90% plans in progress, expected late Jan 2023
- Final 100% plans anticipated Feb / Mar 2023
- Construction Phasing will include roadway and parking lot first with demolition of building last.
- Design Budget - \$232,383
- Const. Budget - \$2.8M



Old Town- Ellison Street Development (Plaza Building) 21GN01

Status

Portions of the buildings are starting to go vertical.

Estimated completion - June 2023

Const. Budget - \$4,844,470



Description

Reconfigure existing facilities to better house staff after Ellison on the Plaza construction is complete

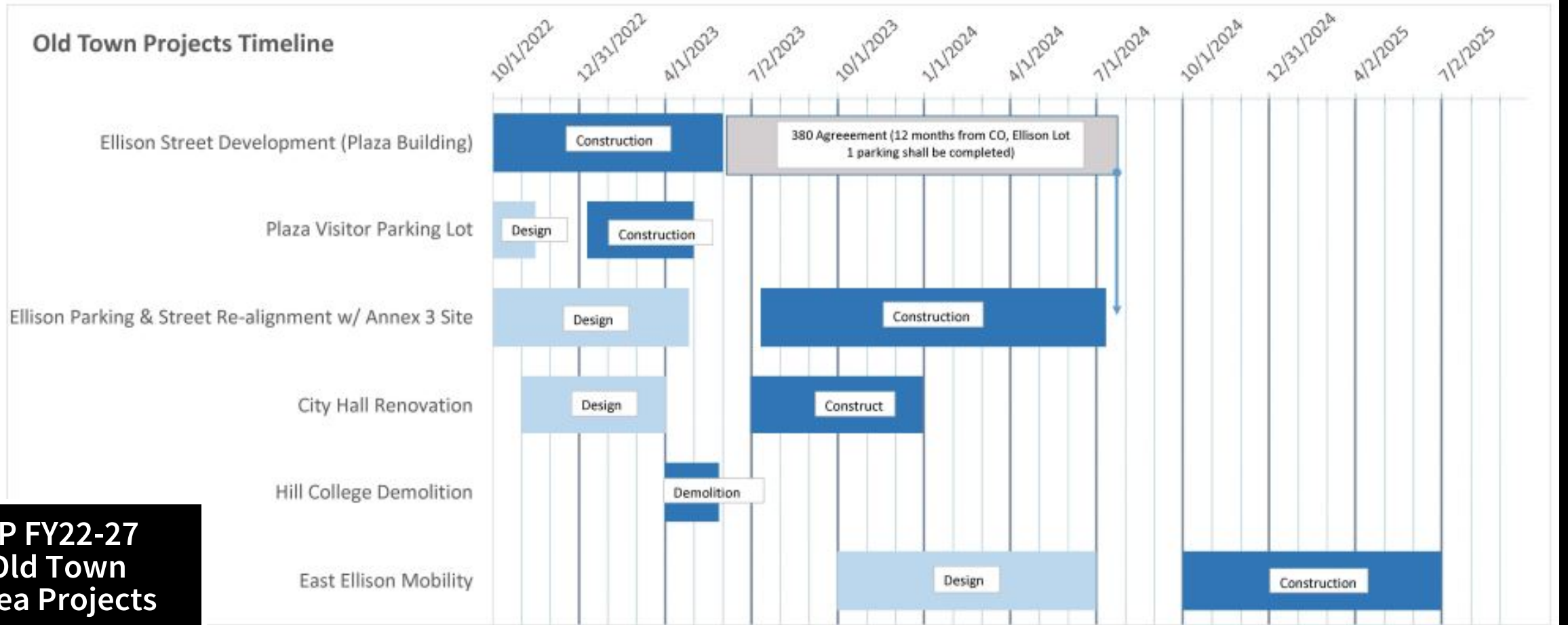
Status

- Design contract with Brinkley Sargent Wiginton Architects approved 9/19/2022
- Design 60%, Estimate complete design in May 2023
- Construction will commence after Ellison on the Plaza is completed.
- Design Contract - \$283,392
- Const Budget - \$2,500,000

City Hall Renovation FA2303



Project #	Project Name	Status	Est. Design Time (months)	Design Est. Start	Design Est. End	Est. Const. Time (months)	Construction Est. Start	Construction Est. End
21GN01	Ellison Street Development (Plaza Building)	In Construction				12	June-22	June-23
ST2303	Plaza Visitor Parking Lot	Construction to begin 1/30/23	2.5	August-22	November-22	4	January-23	May-23
21PW02	Ellison Parking & Street Re-alignment w/ Annex 3 Site	In Design (60% plan set comments returned to Consultant)	8	August-22	April-23	12	July-23	July-24
FA2303	City Hall Renovation	In Design	5	November-22	April-23	6	July-23	December-23
FA2304	Hill College Demolition	In Design				2	April-23	May-23
ST2304	East Ellison Mobility	Design scheduled to start Fall 2023.	9	October-23	July-24	9	October-24	July-25



**CIP FY22-27
Old Town
Area Projects**

Fire Station 1 - Renovation

FA2302

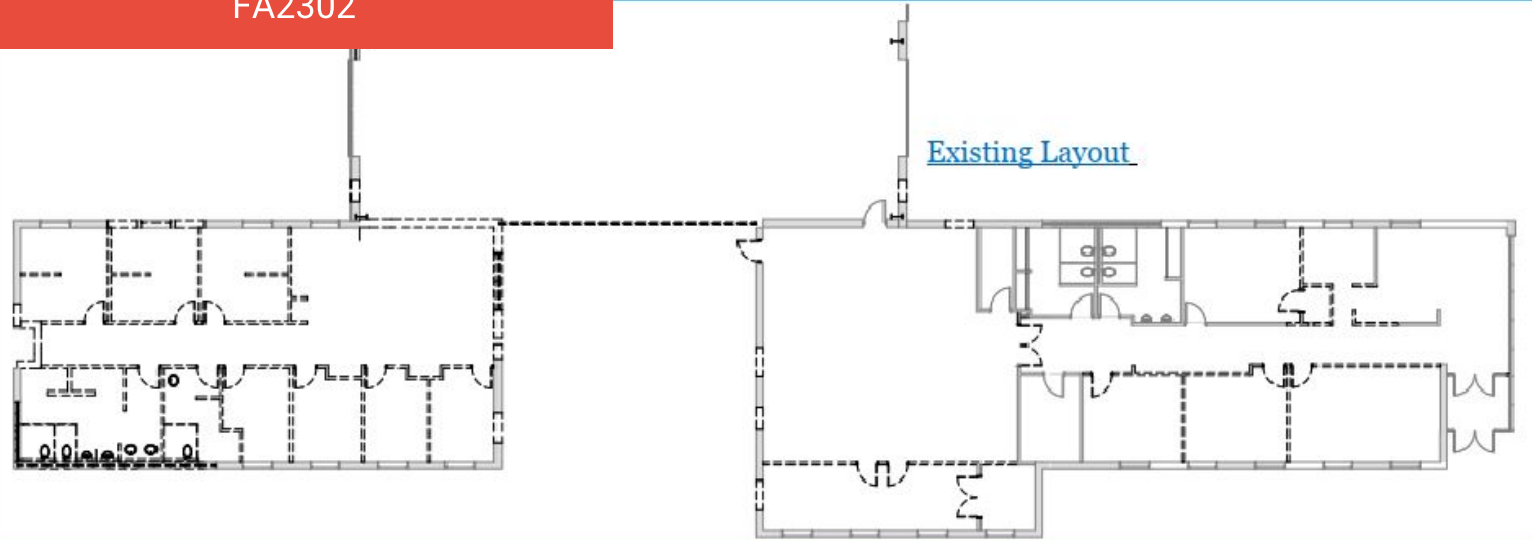
Description

Various interior renovations to administrative and operational areas to include additional offices, expanded dormitory, and other changes to accommodate needs of the Fire Department

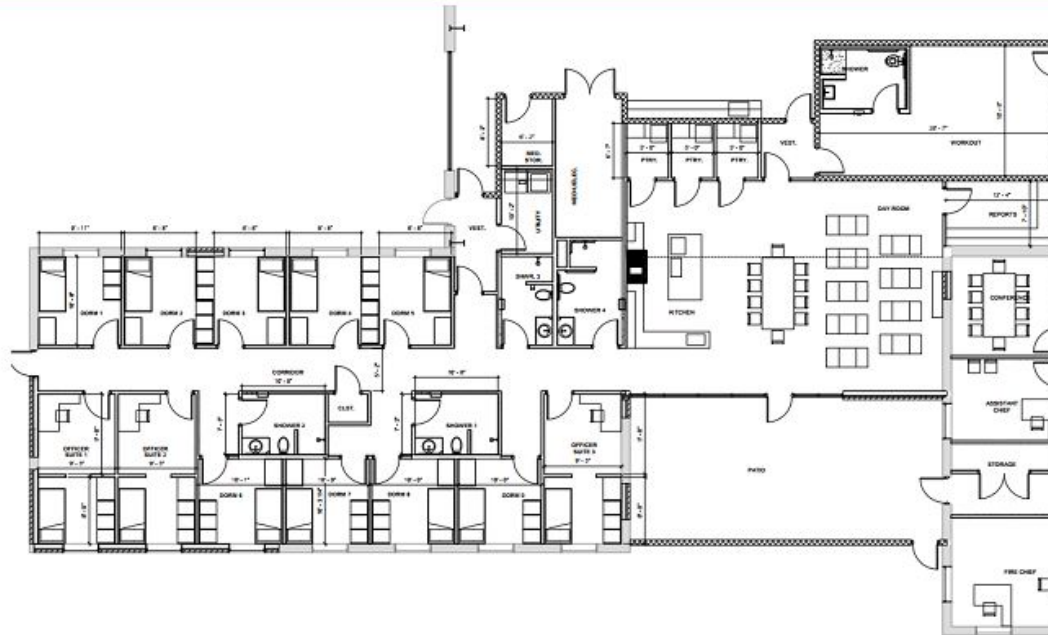
Status

- Komatsu Architects programming and conceptual design services contract has been procured
- Anticipate completing conceptual scope and cost estimates soon
- Council Action - April 2023
- Budget - \$2,000,000

Existing Layout



Conceptual Layout



Police Headquarters Expansion FA2301

Description

- Expansion of police department headquarters
- Remodeling existing facility

Status

- Williams Pipeline gas line relocation design contract approved by City Council 9/6/2022
- Williams preliminary alignment design received
- Williams expects to complete relocation by end of Summer 2023
- Architect's design contract approved at 1/18/23 Council special session.
- Design Contract - \$2,581,495



Questions?

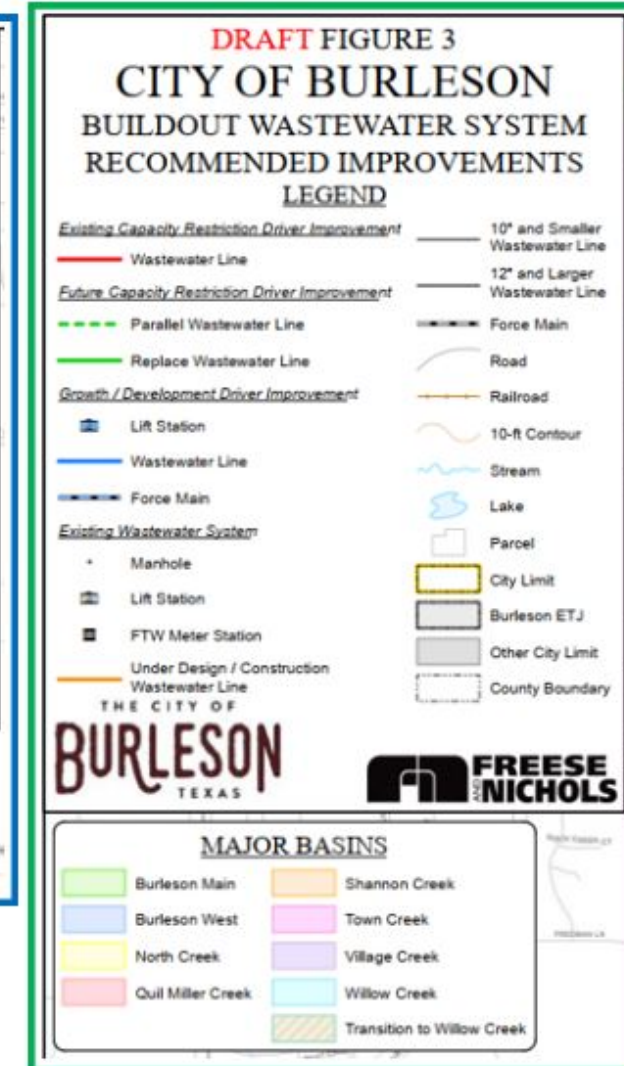
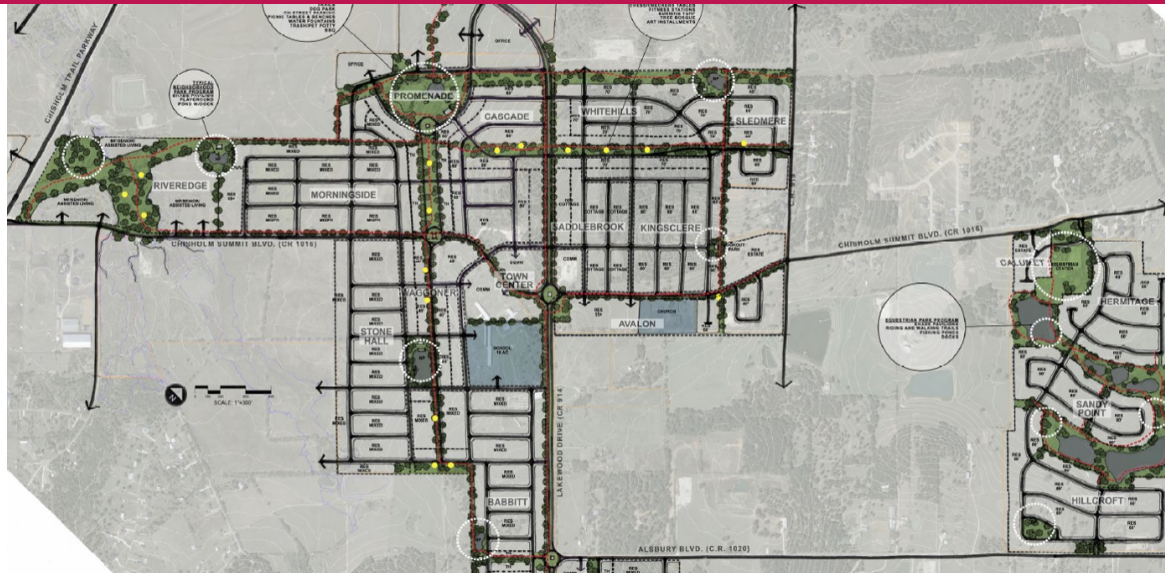
Additional Projects

BTX
MOVES

Burleson Mobility Plan
2022 Update



Kimley»Horn



Alsbury Blvd at John Jones (FM731) Right Turn Lanes 197409

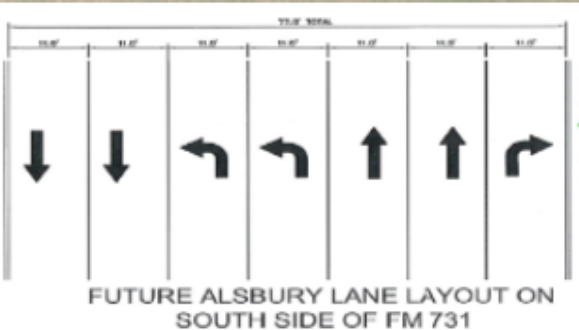
Status

- Paused until City takes over signals to avoid lengthy TxDOT review (estimated Apr. 2023)
- Finalized ROW and easement documents - acquisition underway

Challenges

- ROW/ easement acquisition (Credit Union, 7-Eleven, Shopping Center)
- Utility relocation
- TxDOT intersection & signals coordination

Adding RTL from FM731 to SW Alsbury
Adding RTL from SW Alsbury to FM 731
Relocating sidewalk along SW Alsbury
Restriping of SW Alsbury



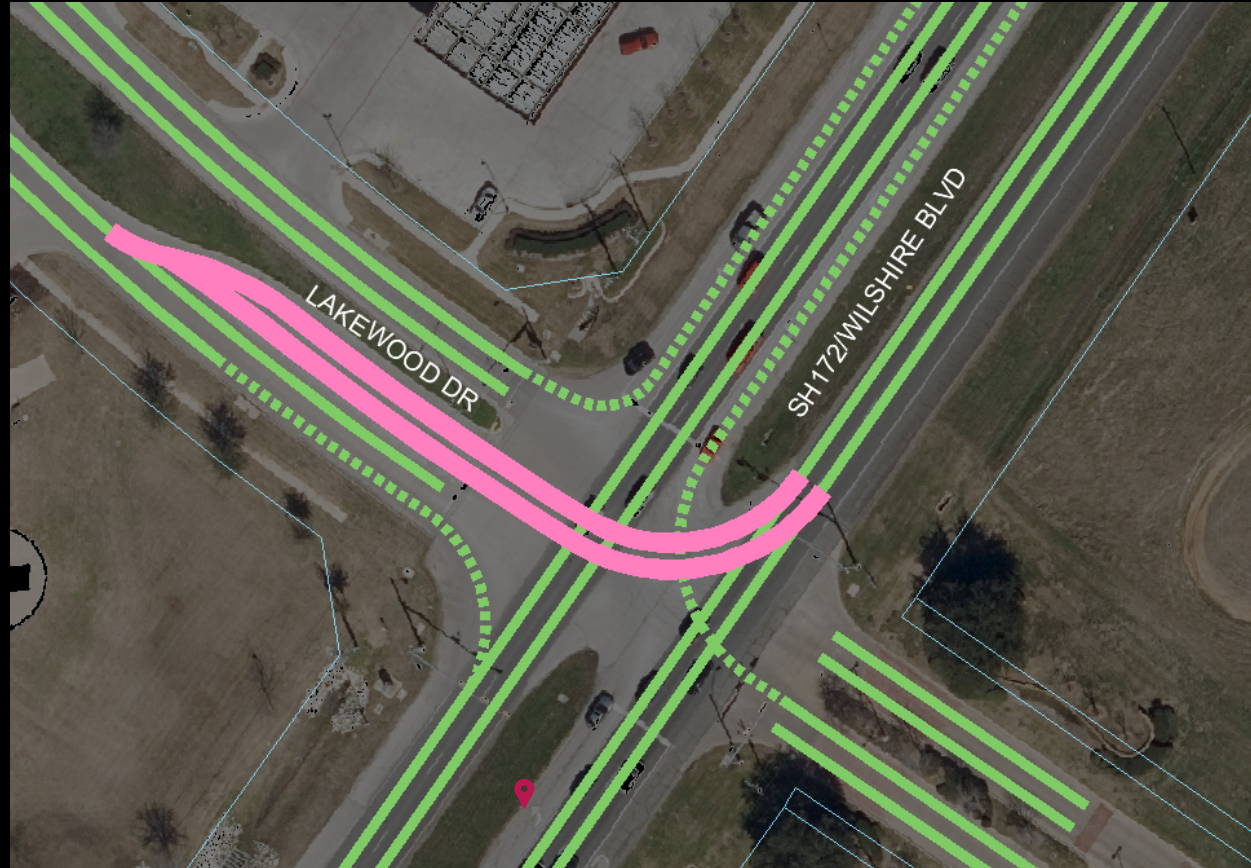
Lakewood Dual Left Turn Lanes at SH174 ST2204

Description

- Current intersection pavement accommodates two left turn lanes but is striped for one
- Project will update striping and signal to create second left turn lane onto northbound SH 174

Status

- TxDOT issued work order for pole and armature replacement to begin 12/5/2022 (anticipate 30 working days)
- TxDOT will also include striping with separate contract



Neighborhood Street Rebuild (King, Warren, Johnson) 177372

Status

- Construction contract awarded 1/9/2023 City Council
- Construction anticipated to begin 2/6/2023 and last 180 days

Challenges

- Working around residents and commercial business
- Maintaining access and ROW parking areas
- Drainage concerns

Reconstruct Pavement, Replace Water and
Wastewater Infrastructure



Neighborhood Street Rebuilds (Streets Only)

20PC03

Legend

Street-Only Rebuilds

STREET NAME

BROAD VALLEY SUBDIVISION

CONCORD DR

~~DOBSON ST~~

FRANCINE CT

~~NW NEWTON DR~~

RUDD ST

SW HASKEW ST

BEVERLY DR

MARY ANN LN

Removed S. Dobson street work from this project. Project completes sewer, sidewalk, RRFB crossing, and parking area.

Removed

Added

Added

NEIGHBORHOOD STREET REBUILD
STREET-ONLY REVISED LOCATIONS

Status

- Streets included with current project: Broad Valley, Concord, Francine, Rudd, Dobson Sewer (Renfro to Town Creek), Beverly, & Mary Ann
- Dobson paving moving to separate contract to be accomplished Summer 2023, (reducing impact on Nola Dunn Elementary)
- Contractor has completed all street construction and S. Dobson sewer
- **Remaining item: RRFBs for S. Dobson**



Neighborhood Street Rebuilds FY22

ST2250

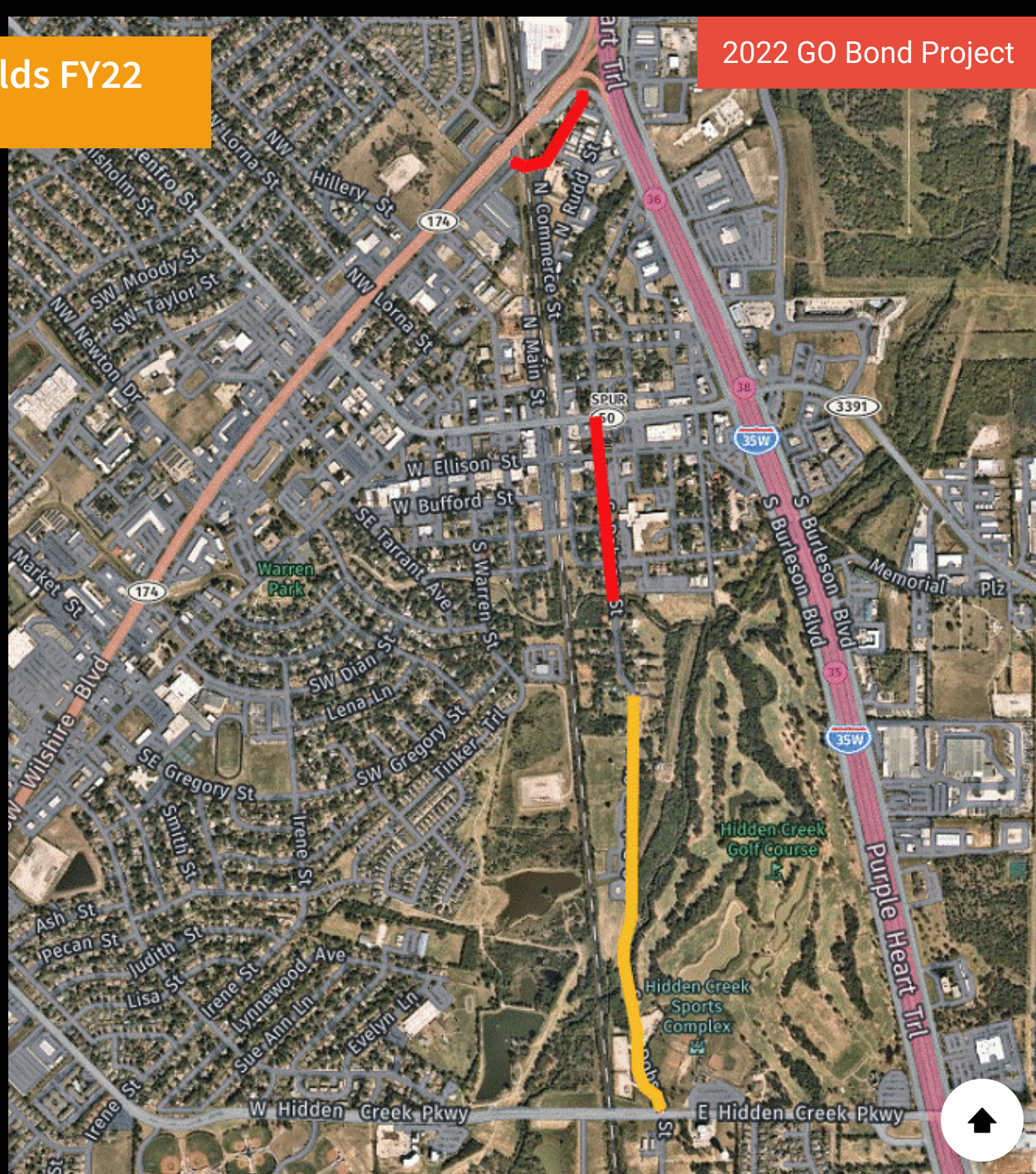
2022 GO Bond Project

Description

- First of the 5-YR Bond Program Projects
Includes the rebuild of portions of the following streets: Commerce St, Dobson St
- Beverly Dr., Mary Ann Ln., and Murphy Rd (Ann Lois to Newton) have been moved to current NSR project 20PC03
- Full-depth rebuild of the pavement
- Commerce St. from the railroad tracks to SH174 frontage road will be widened due to tight turning movements from quiet zone elements

Status

- Planning phase
- UPRR coordination for Commerce St crossing permit



Neighborhood Street Rebuilds FY23 ST2350

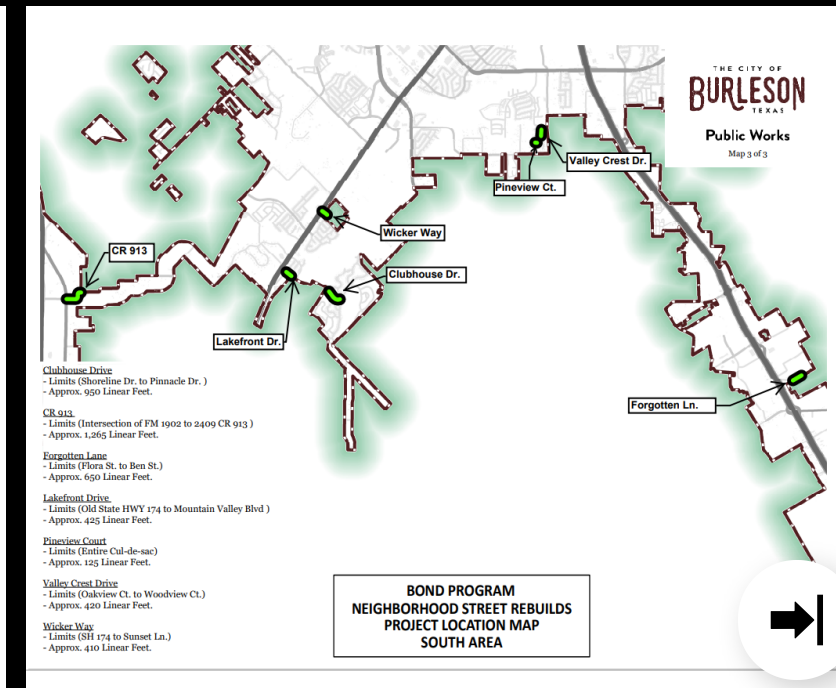
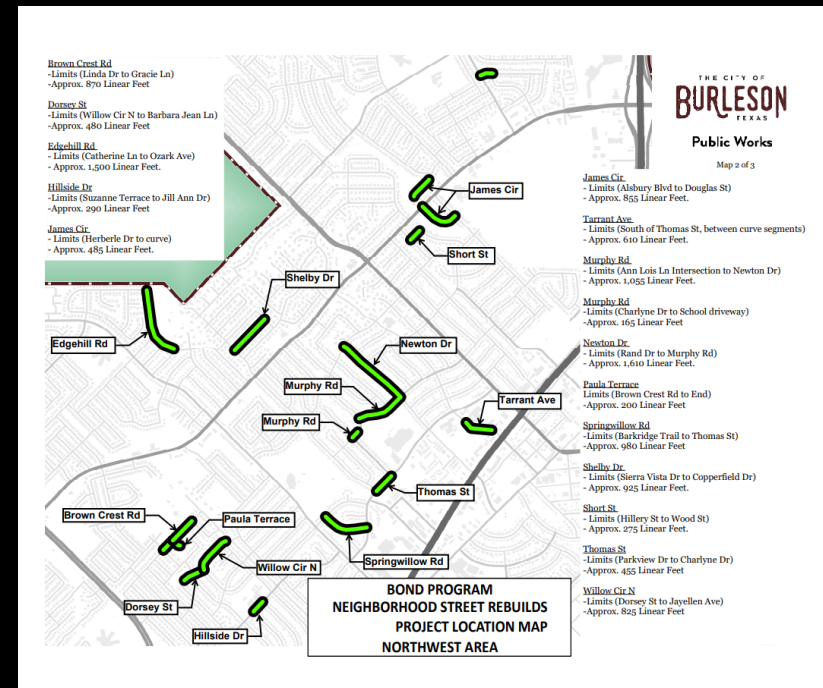
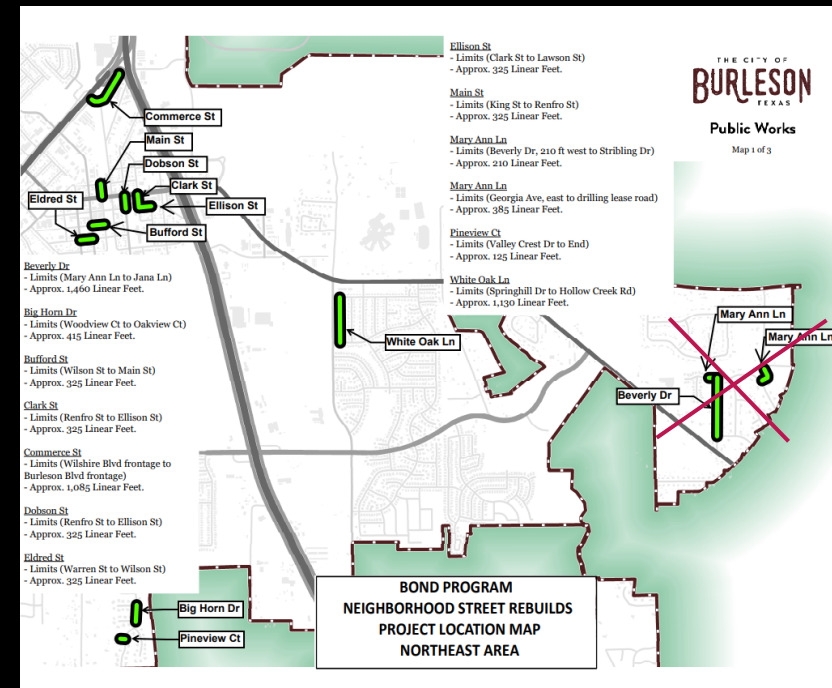
2022 GO Bond Project

Description

- Full depth reconstruction of pavement and subgrade
- Various streets identified in 2022 GO Bond, a portion of which will be completed each year
- Beverly Dr. and Mary Ann Ln. are to be completed with current project (20PC03)

Status

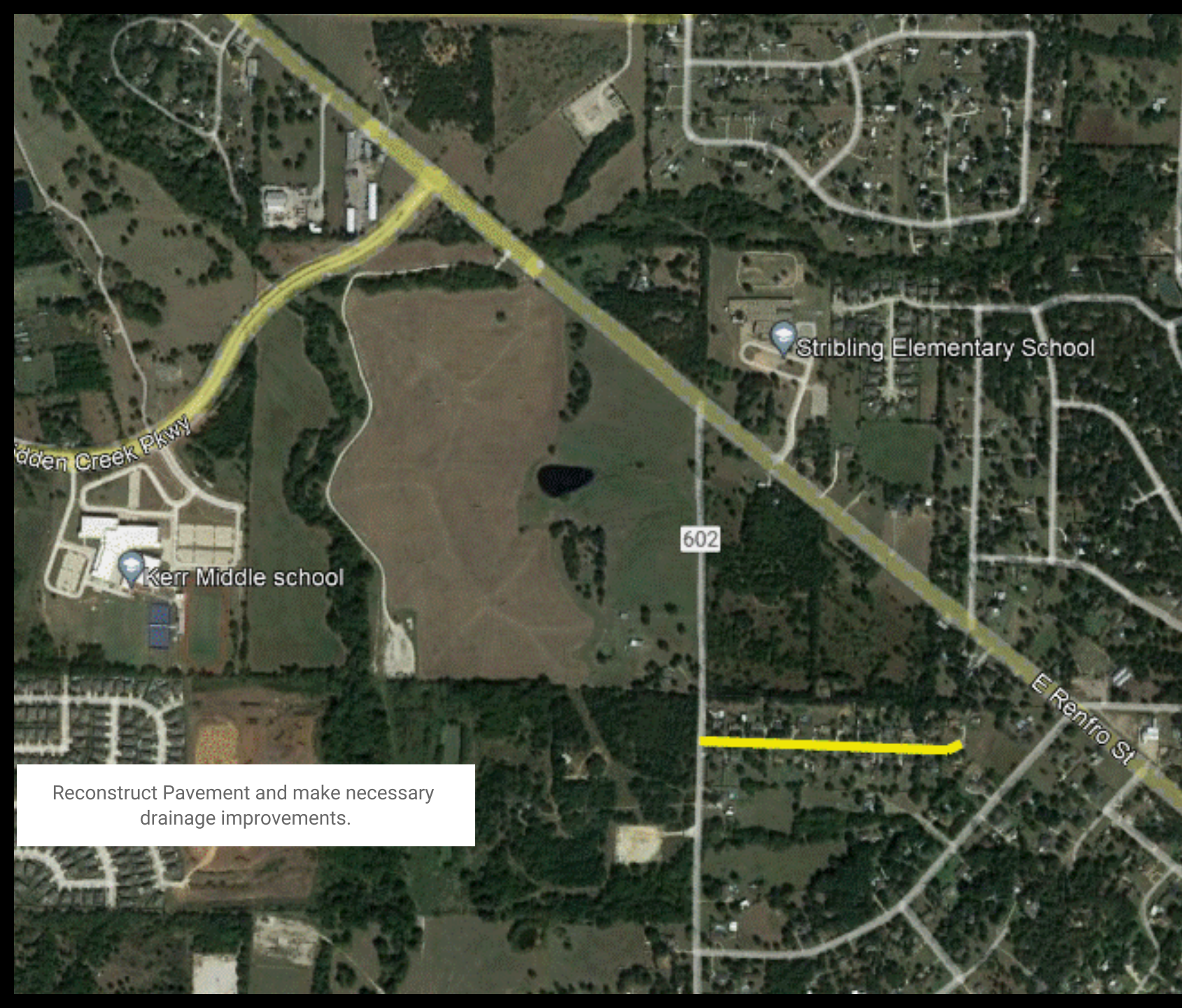
- Planning - staff will begin identifying streets mid-2023
- Construction funding planned for FY24



NSR- Cindy Ct Paving & Drainage ST2205

Status

- Construction bids accepted 1/13/2023, anticipate contract award 2/6/2023
- All Right-of-Entry letters received for driveway approach reconstructions
- Construction completion estimated July 2023



Reconstruct Pavement and make necessary drainage improvements.



Old Town- Hill College Demolition

FA2304

Description

Demolition of the Hill College Site (130 E. Renfro) for re-development through the EDC

Status

- Processing Professional Services Contract for asbestos survey and abatement consulting
- Advertising for demolition week of Jan 23rd



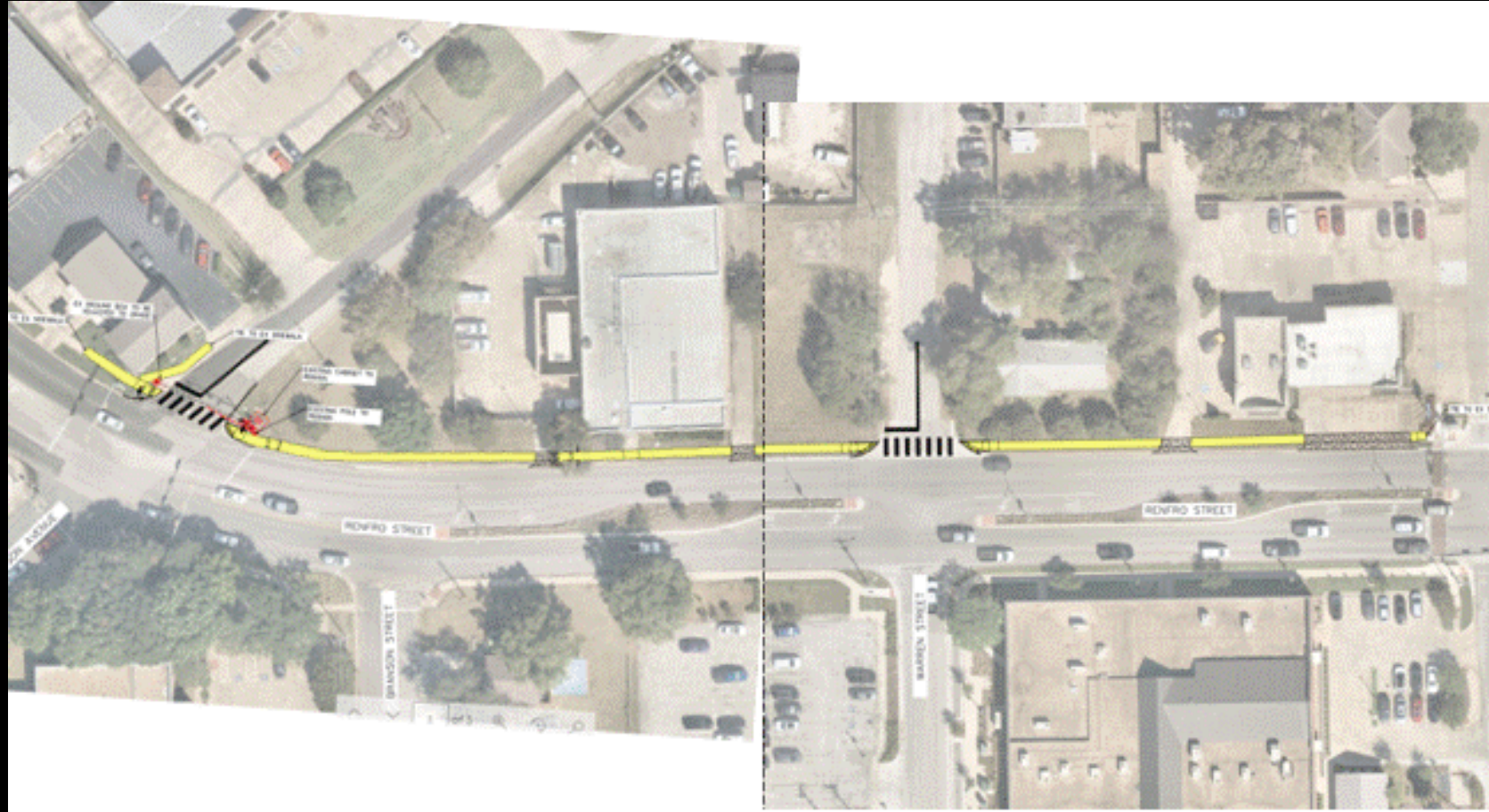
Renfro & Johnson Pedestrian Improvements ST2305

Description

Sidewalk improvements and crosswalks along Renfro Street from Johnson Avenue to Wilson Street

Status

Standalone project on hold in order to incorporate into ST2260 Sidewalk Program FY22 with TxDOT grant funding submission

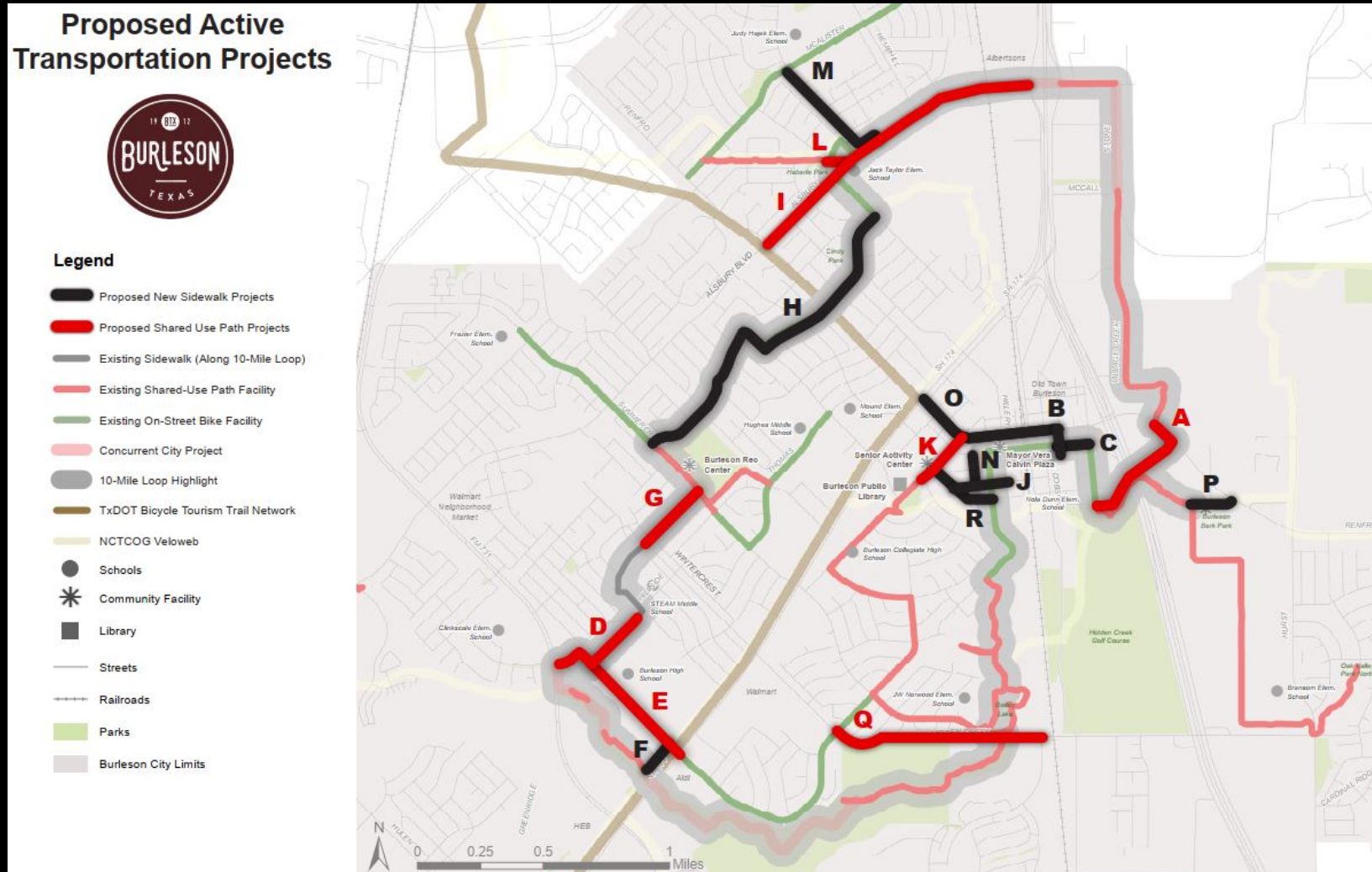


Status

- Remaining FY22 funds identified for application design funds for TxDOT Transportation Alternatives Grant application
- Application due Jan 27th will be for the completion of the 10 Mile Loop and other connecting Pedestrian Projects identified in the Mobility Plan update
- If preliminary application is selected staff will bring forward resolution to City Council (Feb / Mar 2023) for approval in order to submit the Detailed/Final Grant Application

Challenges

Working in front of resident's homes and possibly adjusting driveways to meet ADA requirements.



Sidewalk Program FY23

ST2360

2022 GO Bond Project

Description

- Design and construction of sidewalks throughout the city, replacing damaged sections and filling gaps in sidewalk connectivity
- Sidewalks will coordinate with the Master Mobility Plan and the Parks Masterplan

Status

- Planning and design is funded for FY23
- Construction funds will be available FY24
- Project temporarily on hold in connection with the Sidewalk Program FY22 project. These funds may be used for match funds for the TxDOT TA Grant.
- TA Grant would complete 9 out of 12 of the Short-Term and 2 of the 6 Mid-Term Pedestrian projects currently identified in MTP update.



Traffic Signal Alsbury HSIP Grant TR2301

Description

- This project was selected for the G-Match program within the TxDOT HSIP Grant Program
- City will be responsible for design costs and 5-7% of overall awarded amount
- Traffic Group is managing the project with CIP assistance, as necessary

Status

Design contract in progress



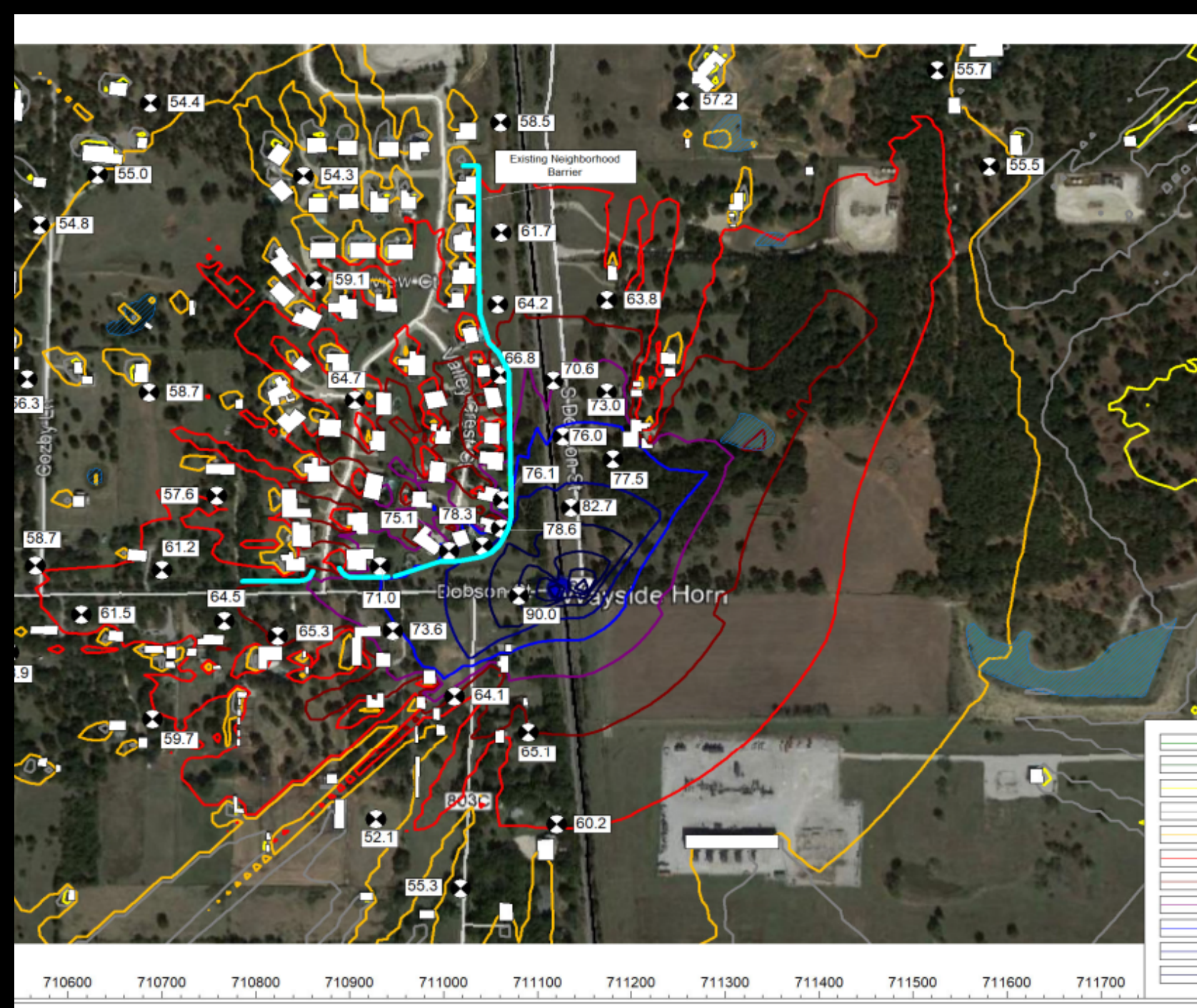
Wayside Horn at Dobson Street and County Road 714 167361

Status

- Contract with UPRR in place
- Design underway
- Preliminary diagnostic report complete
- Submission to UPRR in Dec 2022

Challenges

Schedule dependent on
Union Pacific Railroad



Wastewater Project Summaries



Gateway Station Lift Station Rehabilitation

WW2302



Description

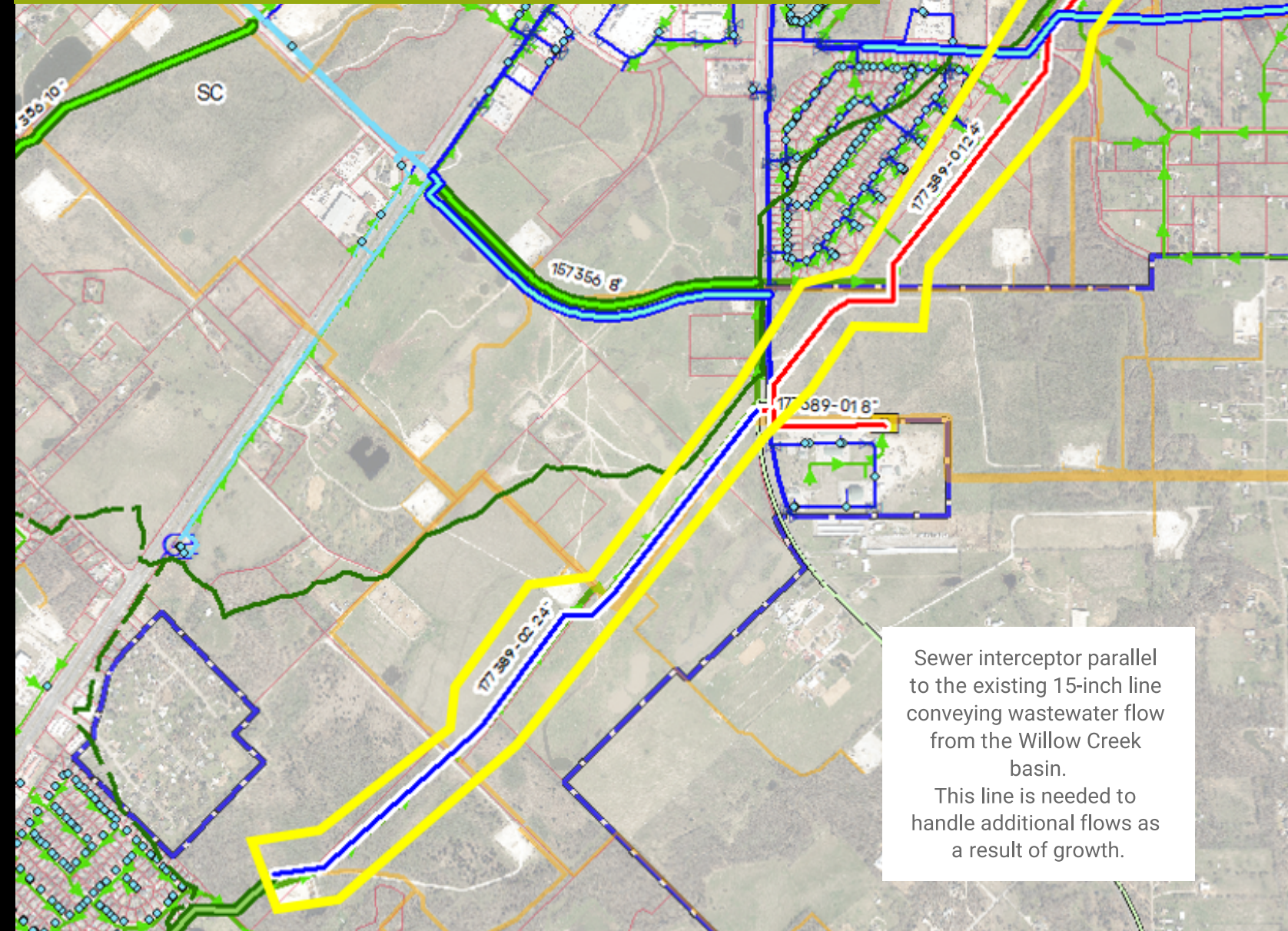
Rehabilitation of existing lift station including SCADA, emergency power, bypass, and other upgrades

Status

- Planning for FY23 Design and FY24 Construction
- Proposal negotiation in progress



Parallel 24in Sewer Village Creek to Oakbrook Dr.
(w/ Bear Ridge & The Lakes)
177389



Sewer interceptor parallel to the existing 15-inch line conveying wastewater flow from the Willow Creek basin.

This line is needed to handle additional flows as a result of growth.

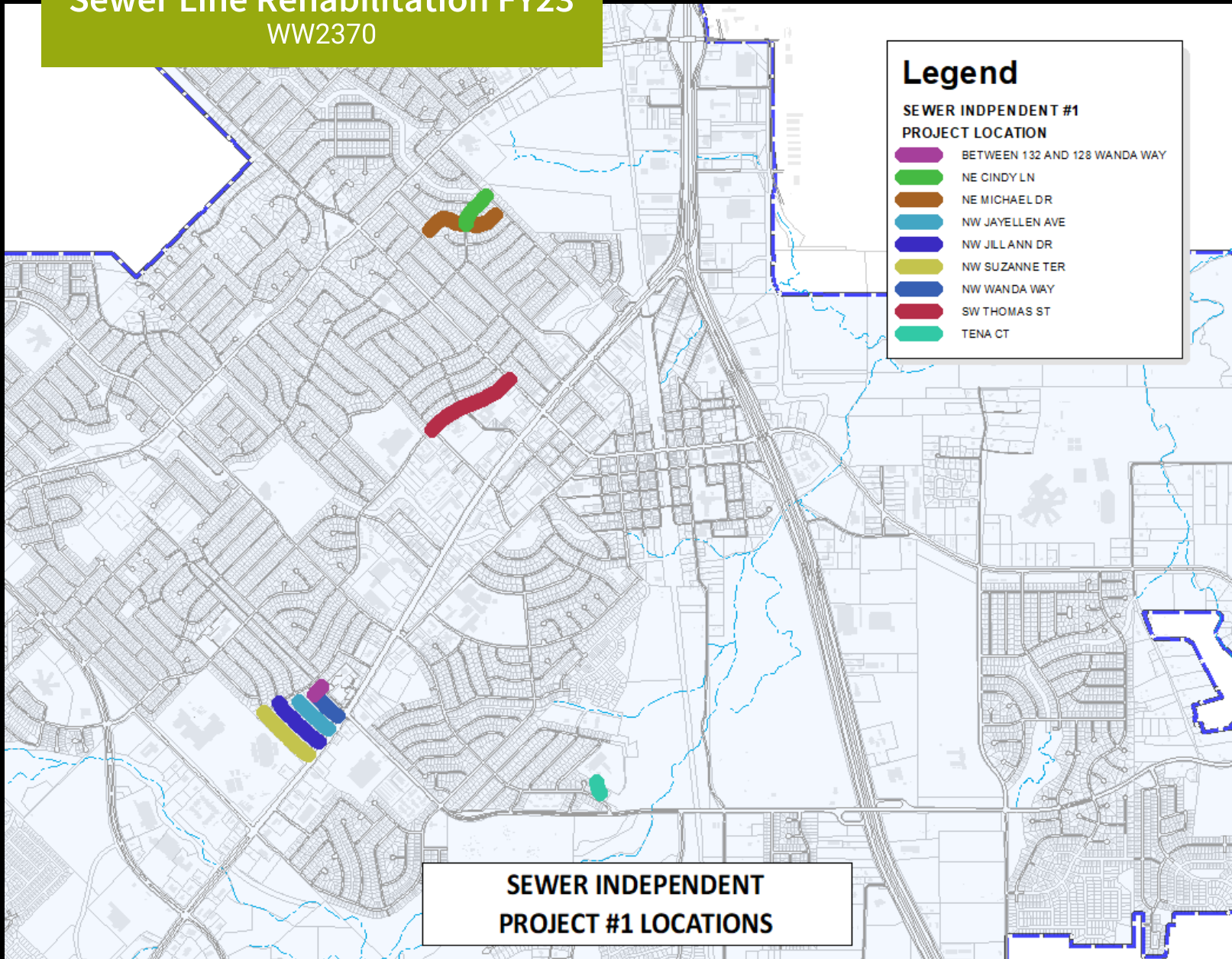
Status

- 60% Design comments returned to consultant
- Evaluating alignment options between Bear Ridge & The Lakes developments for the 2nd phase (blue)
- Construction on hold pending completion of Water/WW Masterplan & and is development driven



Sewer Line Rehabilitation FY23

WW2370



Status

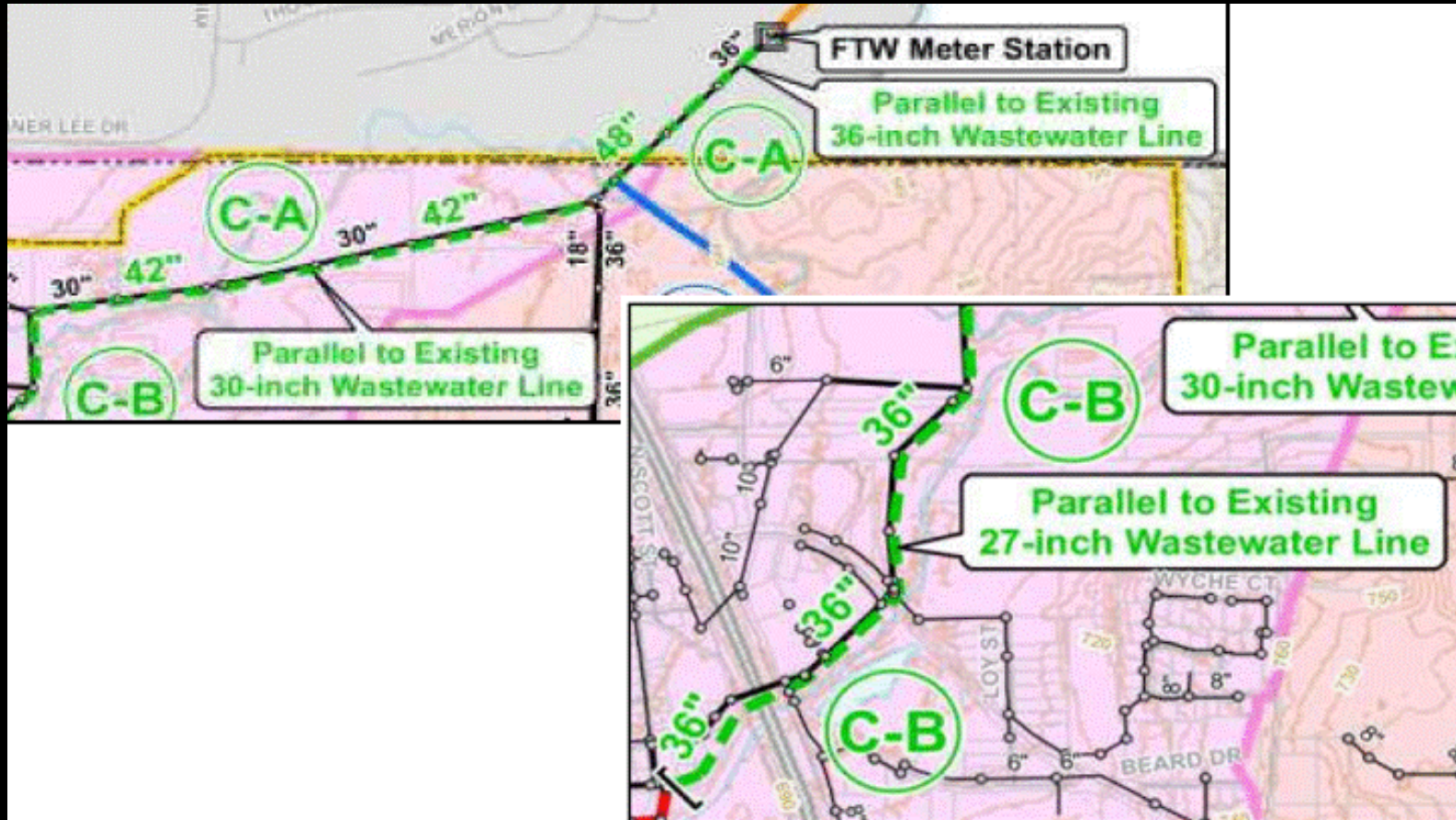
- Combined funding from 20PC10 (SS Rehab PH. 1)
- Under design and evaluating highest priority areas from PW Water/Wastewater division
- FY23 construction

Challenges

Construction in front of residents' homes



Trunk Relief Sewer Line (Town Creek Basin Parallel) WW2301



Description

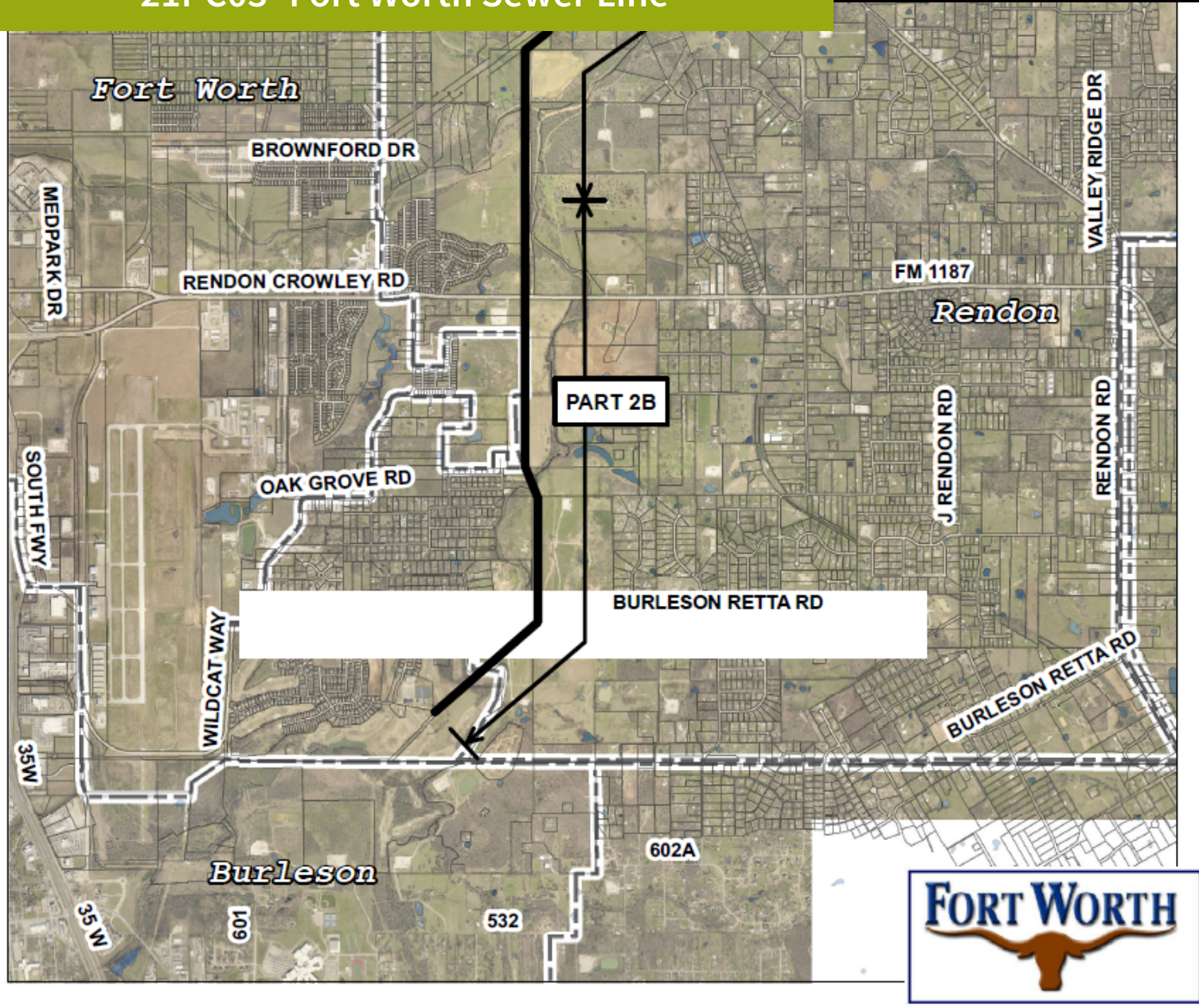
- Build-out construction of 42/48-inch wastewater line parallel to existing 30/36-inch wastewater line along Village Creek from existing 21/27/30-inch wastewater line intersection to Fort Worth Metering Station near Southern Oaks Drive (Proj. C-A)
- Build-out construction of 36-inch wastewater line parallel to existing 18/27-inch wastewater lines along Village Creek from Scott Street to the proposed 27-inch parallel line (Proj. C-B)

Status

- Shortlisted firms' interviews were conducted 1/6/23. Only 2 of the 3 firms arrived for interviews.
- Final interview to be conducted this afternoon.
- FY23 Design and FY24-25 Construction



21PC03- Fort Worth Sewer Line



Status

Finance Coordinating with Fort Worth

Challenges

Coordination with Fort Worth



E Renfro Water Main Replacement 21PC02

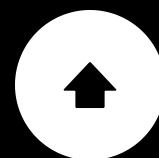
ATTACHMENT 'C'
PROJECT LOCATION MAP

PROPOSED WATER
IMPROVEMENTS



Status

- Final walkthrough completed 1/4/2023
- Contractor working on punch-list items
- Project closeout underway



Turkey Peak Entry Drive & Drainage Flume

WA2201



Status

- Flume completed and tested
- Paving completed
- Change orders processed for time extension and additional asphalt near the flume

Challenges

Paving steep grades



Turkey Peak GST & Brushy Mound Storage Demo

167365



Status

- Turkey Peak Tank complete and online
- Brushy Mound Ground Storage tanks have been removed
- Service providers are working on site work on antenna placement. Red River Construction notified of resuming work in March.

Challenges

- Delays to contractor while antennae are transferred

Replace existing tank with 2MG Tank
Demolish 2 existing ground storage tanks at Brushy Mound
Demolish existing elevated tank at Brushy Mound
Site Improvements at Brushy Mound to facilitate completion of monopole & re-install drinking foundation and bench.



Water Line Rehabilitation FY23 WA2380

Legend

WATER INDEPENDENT LOCATION

- ALL
- ALL
- E EL
- E M
- LISA
- N C
- NW
- SE T
- STE

WATER INDEPENDENT
PROJECT #1 LOCATIONS

Status

- Combined funding from 20PC14 (Ind. Water Rehab)
- Preliminary Design underway, evaluating priority areas with PW Water/Wastewater division
- FY23 design and construction

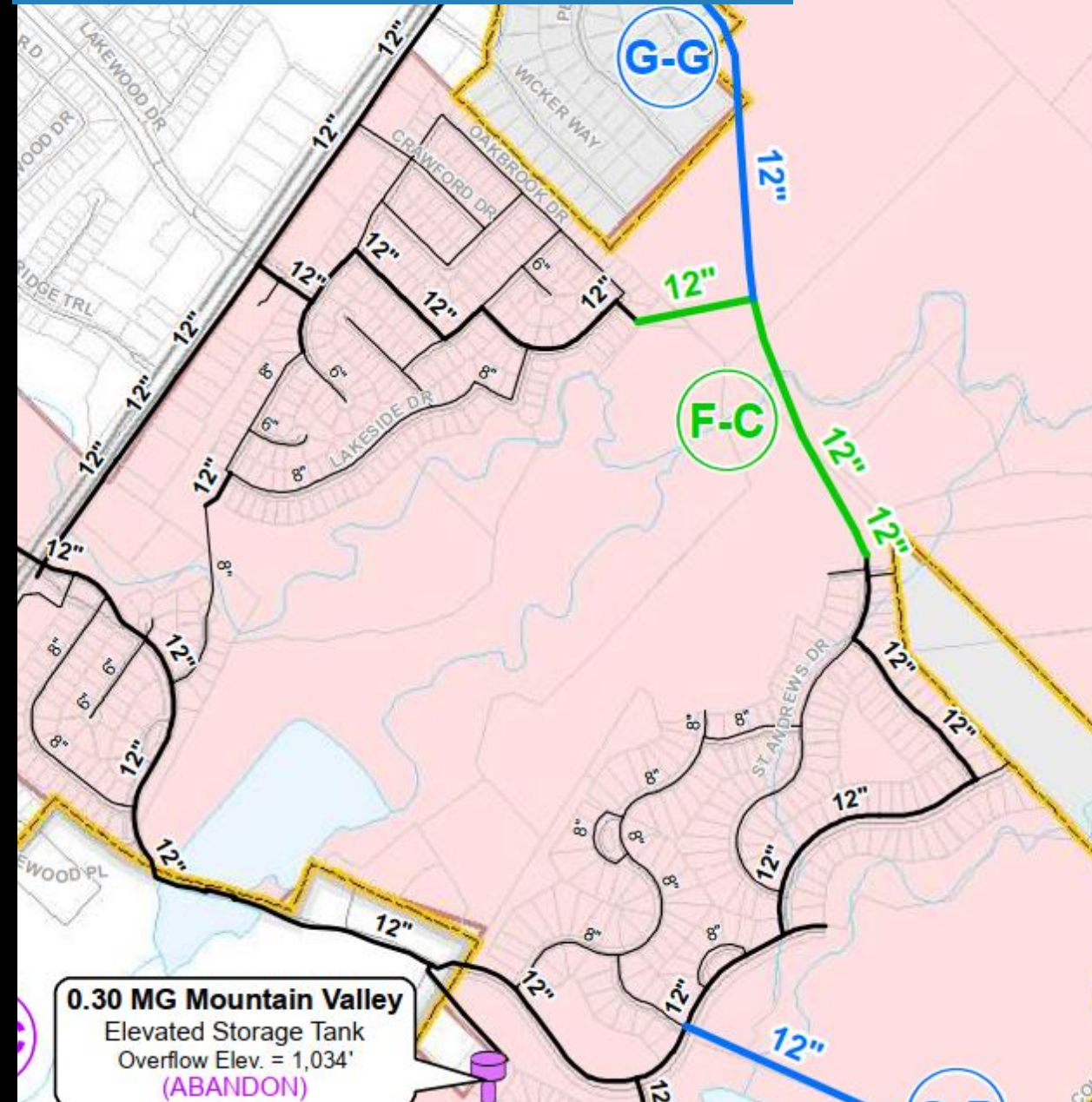
Challenges

Construction in front of resident's homes



Willow Creek 12 in. Water Line Looping

WA2302



Description

Looping project to enhance available fireflow in the Upper Pressure Plane, eliminate a 12-inch dead-end line, and add system resiliency by eliminating a single 12-inch feed to the Mountain Valley area

Status

- FY23 design and FY24 construction
- Design procurement beginning Mar. 2023

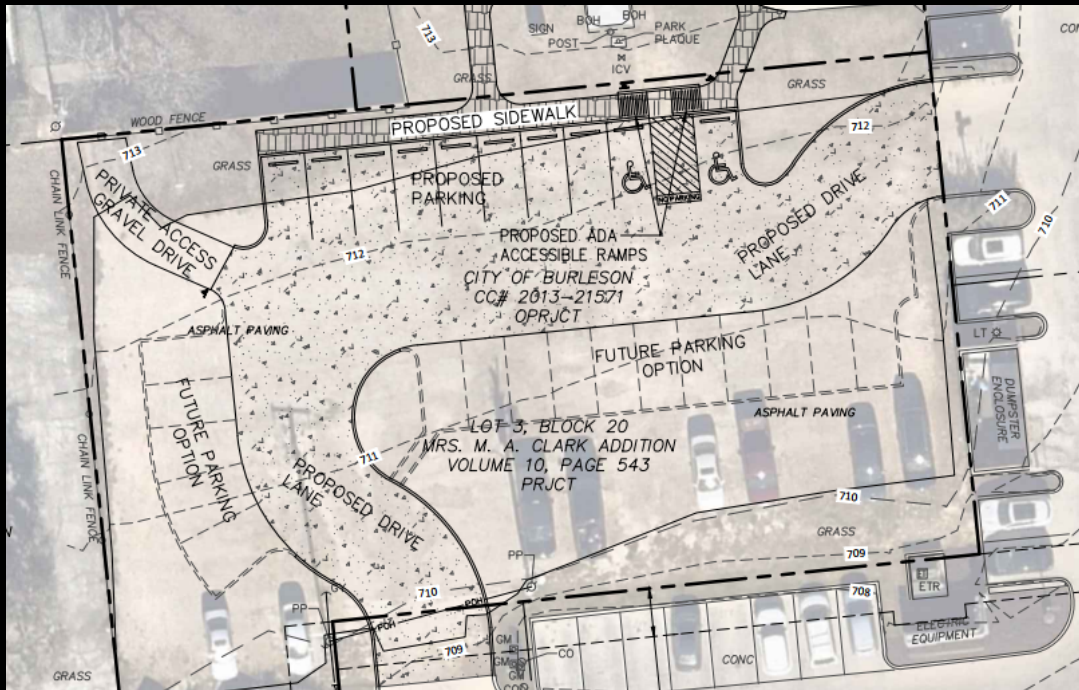


Other Projects

Not listed within CIP Finances

Parks Projects

- PK2201- Parks Annex Building: Under Construction
- PK2006- Clark Park Parking Lot- In House Design Complete. 10/17/22 City Council altered overall plan for this area. New design complete, Park to advertise for bidding Jan. 2023.
- PK2206- Oak Valley Park Parking Lot. In House Design complete. Parks to advertise for bidding Jan. 2023.



Animal Services Expansion

AS1901



Status

- Construction complete.
- Building is occupied.
- Project closeout underway.

Euthanasia/Exam Room
Isolation Kennel (Dogs)
Isolation Room (Cats)

