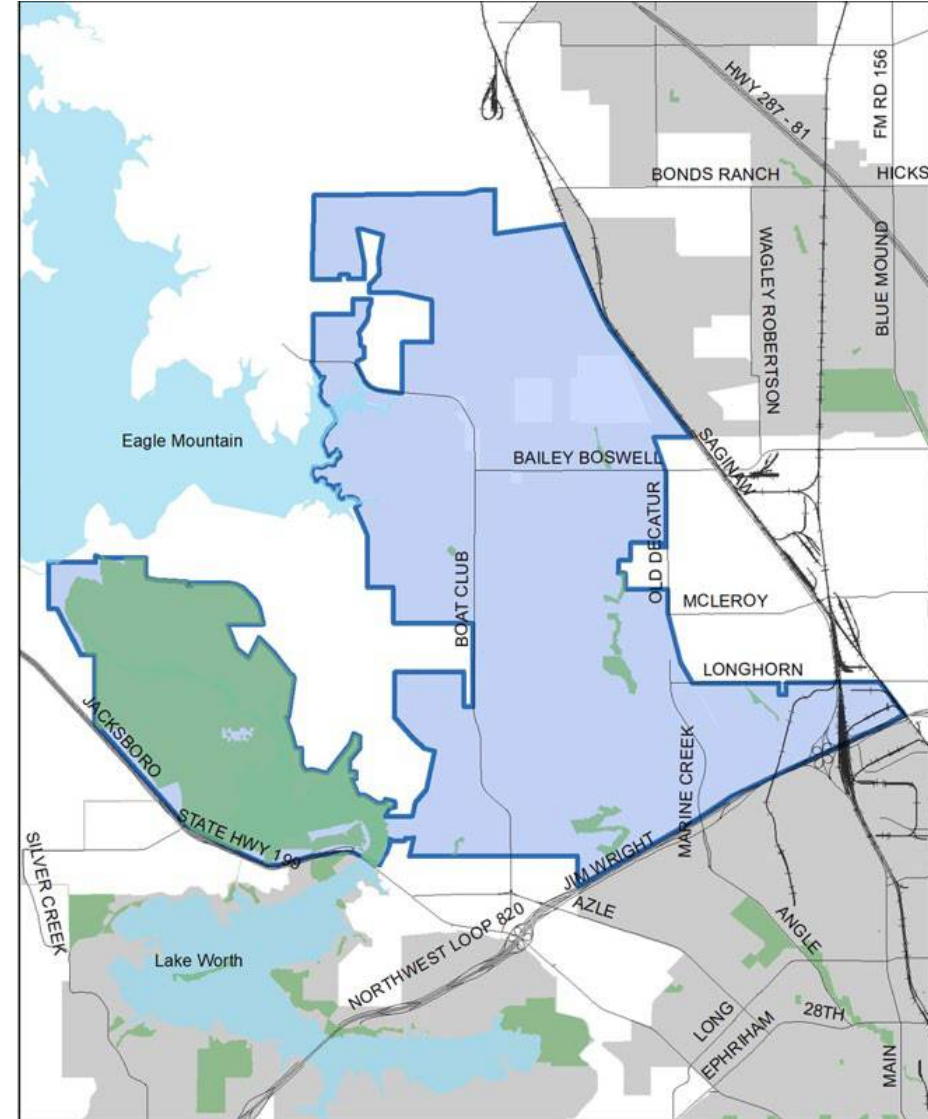


# North West FW Alliance and TPW Meeting

March 30, 2023



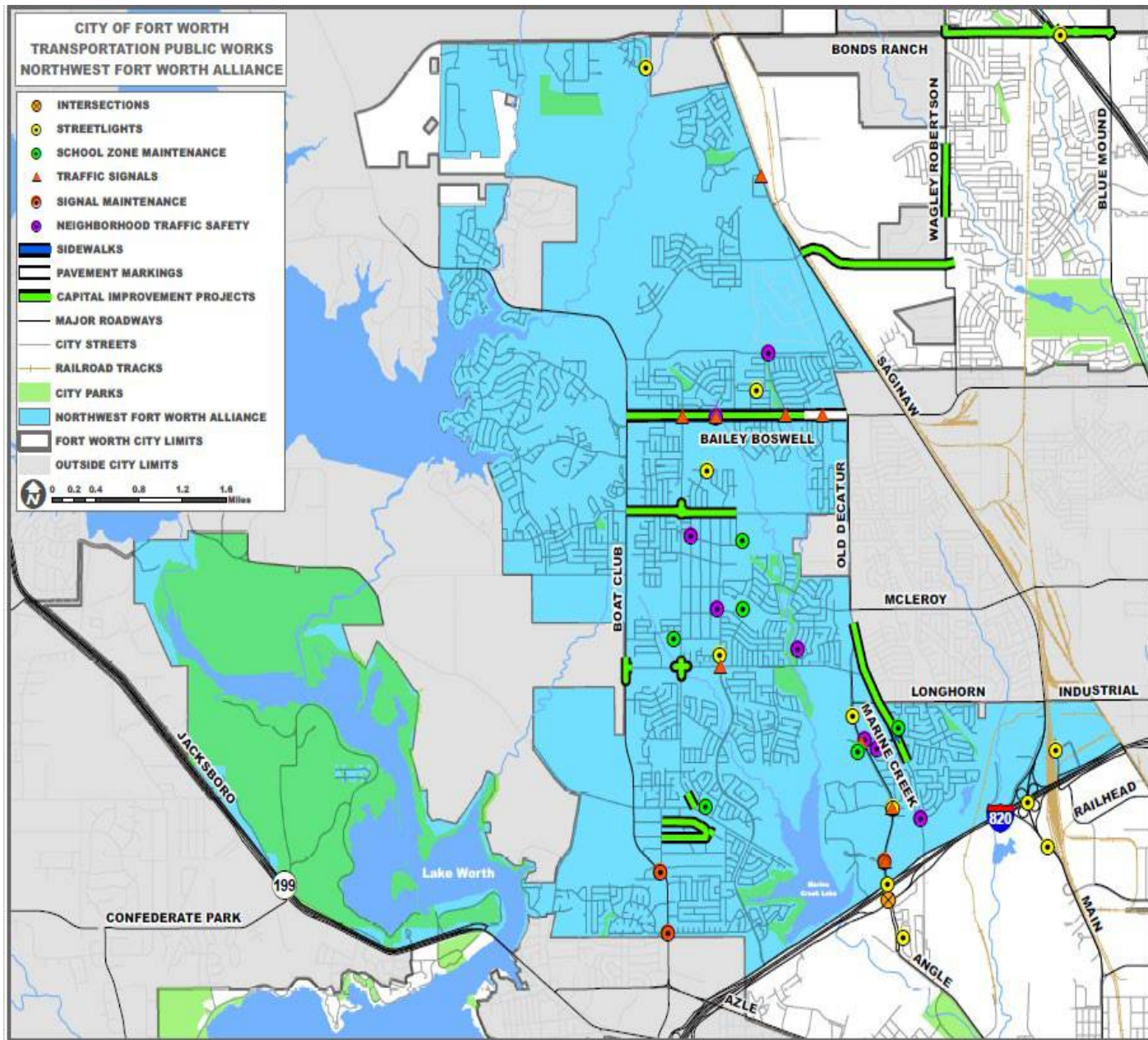
# Agenda

- Introductions
- TPW Project Overview
- Capital Delivery Project Updates
- Regional Transportation & Innovation
- Question/Answers

# 2022 Bond Program Arterials Projects

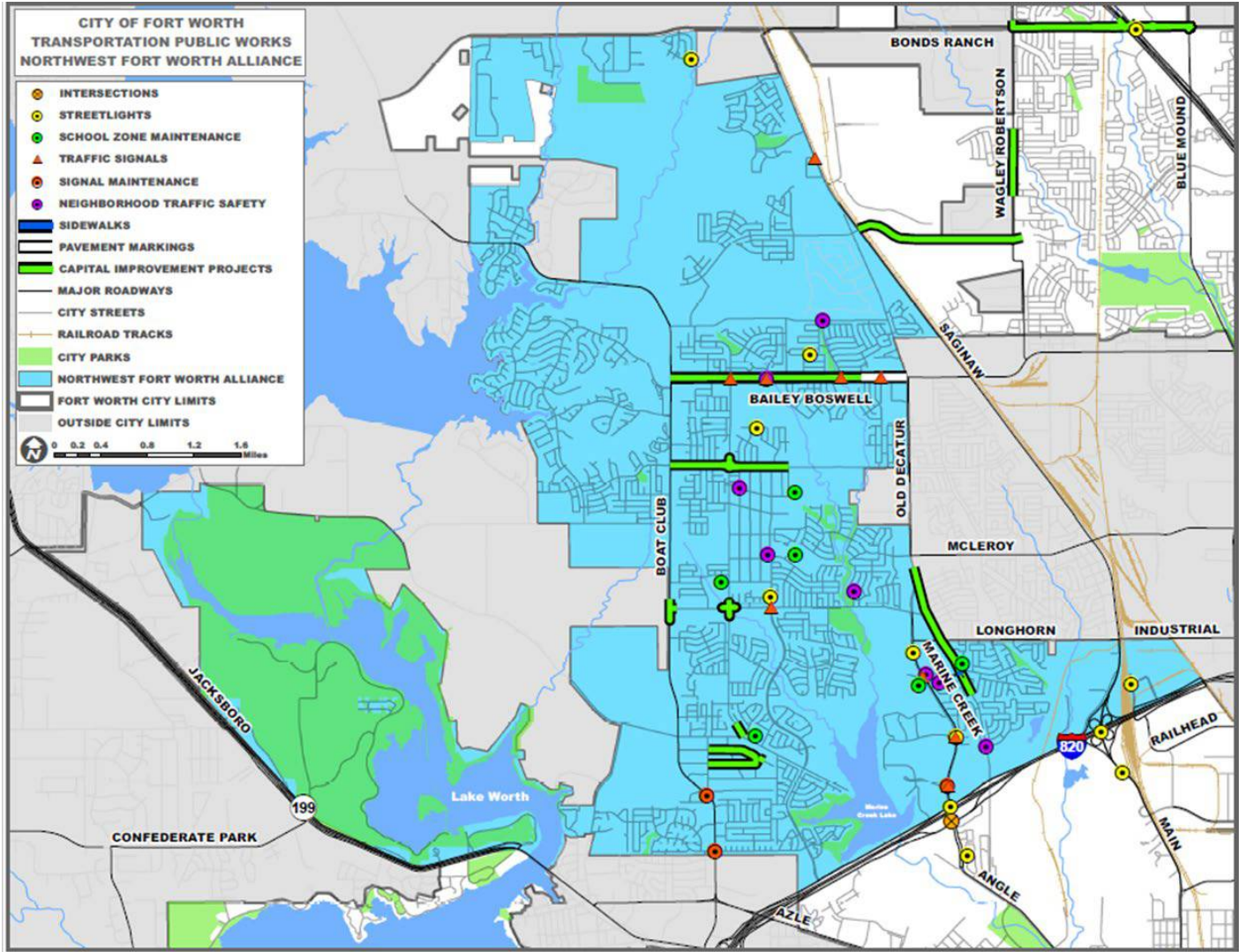
| Project Name  | Bond Program    | Council District (OLD) | Future Council District | Project Phase | Est. Construction Start |
|---|-----------------|------------------------|-------------------------|---------------|-------------------------|
| 103280 - Trinity Boulevard - Phase 2  | 2022 BP         | 5                      | 5                       | Design        | Jan-24                  |
| 103276 - Keller Hicks   | 2022 BP         | 7                      | 10                      | Design        | Mar-25                  |
| 103281 - Park Vista Boulevard   | 2022 BP         | 7                      | 10                      | Design        | Apr-24                  |
| 103272 - Meacham Blvd Phase II (Design Only )                                     | 2022 BP         | 2                      | 2                       | Design        | TBD                     |
| 103270 - Ray White Road (CMAR)  | 2022 BP         | 4,7                    | 4                       | Design        | Nov-25                  |
| 103299 - W J Boaz Rd West Half  | 2022 BP         | 2,7                    | 7                       | Design        | Mar-25                  |
| 103278 - Bonds Ranch Road   | 2022 BP         | 2,7                    | 10                      | Design        | Jun-25                  |
| 104153 - Bailey Boswell (Boat Club to Wind River)                                 | 2022 BP         | 7                      | 7                       | Design        | Oct-25                  |
| 104154 - Wagley Robertson Rd (Quicksilver Ct. to Coneflower Trail) (Design Build) | 2022 BP         | 7                      | 7,10                    | Procurement   | TBD                     |
| 104152 - Bailey Boswell (Blue M-Horseman) Design & ROW                            | 2022 BP         | 2                      | 7                       | By developer  | -                       |
| 103300 - Heritage Trace Pkwy 1 (Design & ROW)                                     | 2022 BP         | 7                      | 7                       | Procurement   | TBD                     |
| 101012 - Cromwell Marine Creek (Boat Club Rd - Marine Creek) (CMAR)               | 2018 BP/2022 BP | 2                      | 2,7                     | Design        | Dec-23                  |
| 101014 - Avondale Haslet (Willow Springs Rd to Eastern City Limits)               | 2018 BP/2022 BP | 7                      | 10                      | Design        | May-25                  |
| 103271 - Everman Parkway (Design Build)   | 2022 BP         | 8                      | 8                       | Procurement   | Summer-2025             |



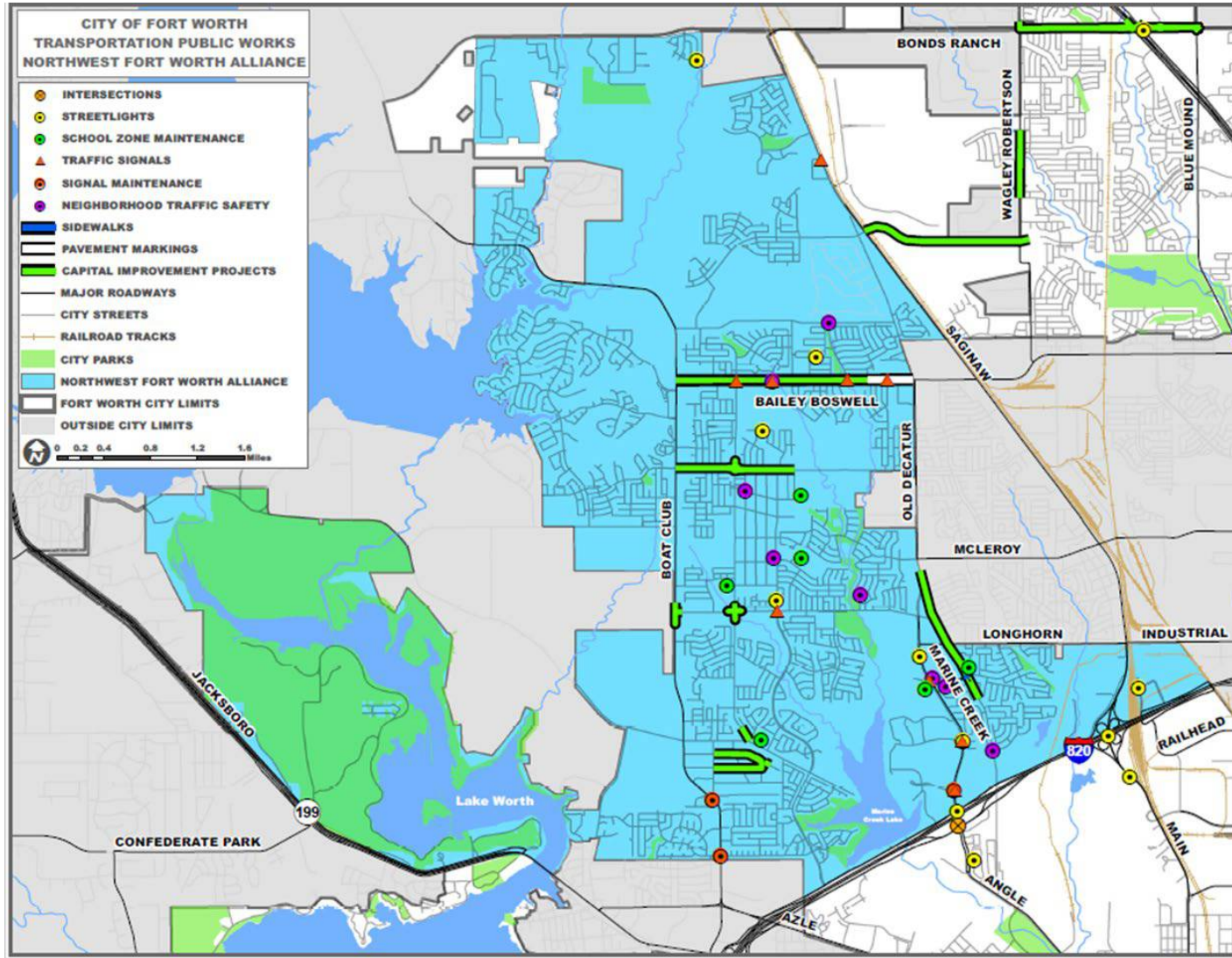


| Projects within NFWFA Boundaries |   |                  |
|----------------------------------|---|------------------|
| Source                           | Locations   | Infrastructure   |
| 2014 BP                          | Bonds Ranch   | Arterials        |
| 2018 BP                          | Harmon Rd   | Arterials        |
| 2018 BP                          | Cromwell Marine Creek (Boat Club Rd - Marine Creek)                   | Arterials        |
| 2018 BP                          | Golden Triangle Improvements (I-35 to Misty Redwood Trail)            | Arterials        |
| 2018 BP                          | Avondale Haslet (Willow Springs Rd to Eastern City Limits)            | Arterials        |
| 2022 BP                          | Bonds Ranch Road  | Arterials        |
| 2022 BP                          | W J Boaz Rd West Half   | Arterials        |
| 2022 BP                          | Heritage Trace Pkwy 1 (Design-ROW)                                    | Arterials        |
| 2014 BP                          | Marine Creek Pkwy - Old Decatur Road                                  | Arterials        |
| 2022 BP                          | Bailey Boswell (Blue M-Horseman) DESIGN-ROW-No tracking needed        | Arterials        |
| 2022 BP                          | Bailey Boswell(Boat Club to Wind River)                               | Arterials        |
| 2022 BP                          | Wagley Robertson Rd(Quicksilver Ct. to Coneflower Trail)(Design Only) | Arterials        |
| 2018 BP                          | Bonds Ranch Phase 2, Part 1 (NBFR to Shire Meadow)                    | Arterials        |
| 2018 BP                          | Bonds Ranch Phase 2 Part 2 (intersection at FM 156 and Bonds Ranch)   | Arterials        |
| 2022 BP                          | Bowman Roberts Rd from Ten Mile Bridge Rd to Corral Reef Dr           | Sidewalks        |
| 2014 BP                          | WJ Boaz Road & Bowman Roberts Road                                    | Intersections    |
| 2018 BP                          | Sendera Ranch Blvd and Diamondback Ln                                 | Traffic          |
| 2018 BP                          | NW Loop 820 & Marine Creek Pkwy                                       | Intersections    |
| 2018 BP                          | NW Loop 820 & Marine Creek Pkwy - Phase 1                             | Intersections    |
| SWPG                             | Greenfield Acres Drainage PH3   | Flood Mitigation |
| 2020 RB                          | Greenfield Acres Drainage PH4   | Flood Mitigation |





| Projects Within NFWFA Boundaries |   |                         |
|----------------------------------|---|-------------------------|
| Source                           | Locations   | Infrastructure          |
| PayGo FY2022                     | Creekview Middle                                  | School Zone Maintenance |
| PayGo FY2022                     | Dozier Elementary                                 | School Zone Maintenance |
| PayGo FY2022                     | Elkins Elementary                                 | School Zone Maintenance |
| PayGo FY2022                     | Greenfield Elementary                             | School Zone Maintenance |
| PayGo FY2022                     | Marine Creek Middle                               | School Zone Maintenance |
| PayGo FY2022                     | Remington Point Elementary                        | School Zone Maintenance |
| Pay Go FY2022                    | Bailey Boswell (Eagles Landing - Boswell Meadows) | Traffic Signals         |
| PayGo FY2022                     | Marine Creek (IH820-NW College)                   | Traffic Signals         |
| PayGo FY2022                     | Cromwell Marine Creek & Huffines                  | Traffic Signals         |
| PayGo FY2022                     | Saginaw (BUS287) & Warehouse                      | Traffic Signals         |
| PayGo FY2022                     | 5000 Marine Creek Pkwy                            | Streetlights            |
| Pay Go FY2022                    | Low Iron Crossing Dr & N Railroad Rd              | Streetlights            |
| PayGo FY2022                     | 6000 Fire Water Dr                                | Streetlights            |
| PayGo FY2022                     | 6029 Dunnlevy Dr                                  | Streetlights            |
| PayGo FY2022                     | 5324 Threshing Dr                                 | Streetlights            |



| Projects Within NFWFA Boundaries |   |                             |
|----------------------------------|---|-----------------------------|
| Source                           | Locations                                     | Infrastructure              |
| PayGo FY2022                     | Marine Creek & NW College TCC                 | Signal Maintenance          |
| PayGo FY2022                     | Marine Creek & NW College High                | Signal Maintenance          |
| PayGo FY2022                     | Boat Club Rd & Lea Crest Ln                   | Signal Maintenance          |
| PayGo FY2022                     | Boat Club Rd & Shadydell Dr                   | Signal Maintenance          |
| PayGo FY2022                     | 1300 Goodland Terrace                         | Neighborhood Traffic Safety |
| PayGo FY2022                     | 6709 Bob Hanger St                            | Neighborhood Traffic Safety |
| PayGo FY2022                     | Seth Barwise & Angus Dr                       | Neighborhood Traffic Safety |
| PayGo FY2022                     | Old Decatur Rd & River Rock Blvd              | Neighborhood Traffic Safety |
| PayGo FY2022                     | 6375 Stonewater Bend Trl                      | Neighborhood Traffic Safety |
| PayGo FY2022                     | Park St & Twin Mills Blvd                     | Neighborhood Traffic Safety |
| PayGo FY2022                     | Navigation Dr & W Bailey Boswell Rd           | Neighborhood Traffic Safety |
| PayGo FY2022                     | Woodbine-Comanche Peak                        | Neighborhood Traffic Safety |
| PayGo FY2022                     | Old Decatur Rd & Grand National               | Sidewalks                   |
| PayGo FY2022                     | W Bailey Boswell & Twin Mills                 | Pavement Markings           |
| PayGo FY2022                     | W Bailey Boswell (Boat Club Rd - Old Decatur) | Pavement Markings           |

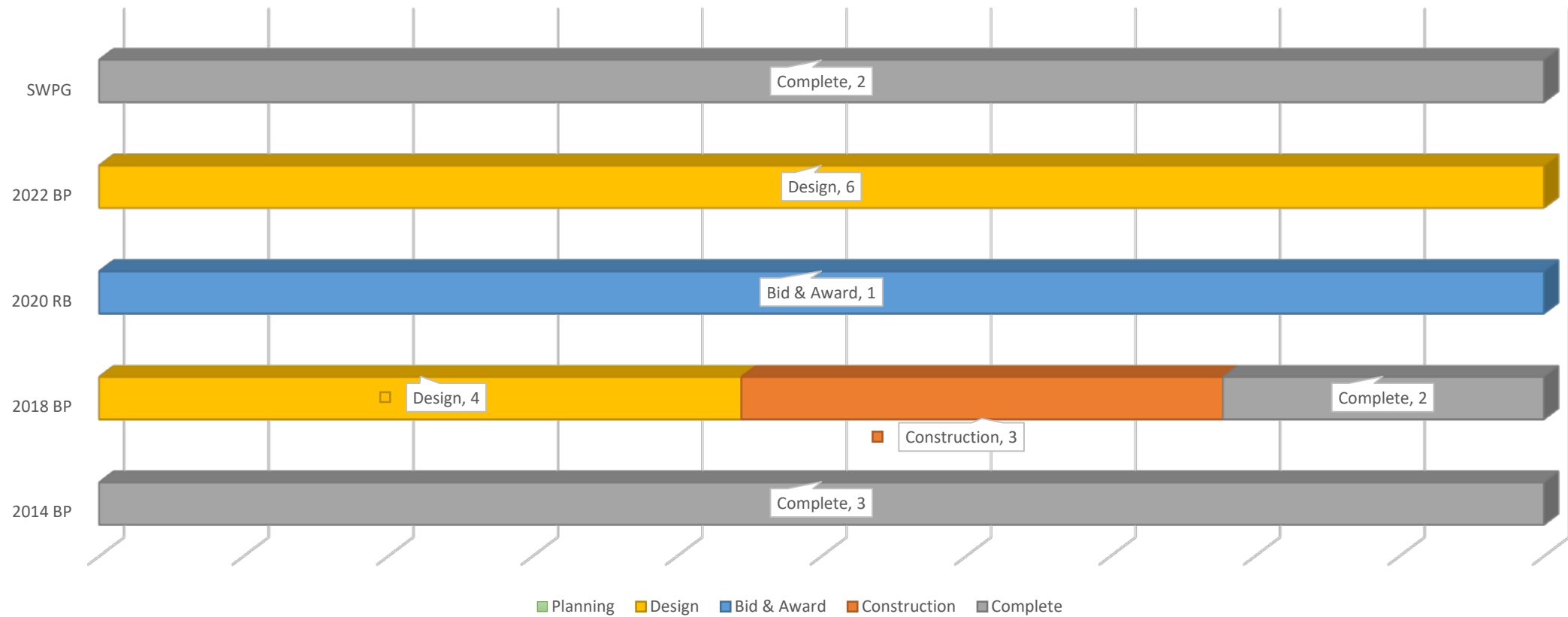




# Project Delivery Update



# TPW Capital Delivery – Overall





# Capital Delivery Projects in NWFWA

| Project Name   | Project Manager   | Program Manager | Project Type     | Bond Program | Council District (OLD) | Future Council District | Project Status       | Est. Construction Start |
|--|-------------------|-----------------|------------------|--------------|------------------------|-------------------------|----------------------|-------------------------|
| Arterials  |                   |                 |                  |              |                        |                         |                      |                         |
| 101009-2 - Bonds Ranch Phase 2 Part 2 (intersection at FM 156 and Bonds Ranch) | McInnes, Brendan  | Allen, Chad A   | Arterials        | 2018 BP      | 7                      | 10                      | Construction         | Apr-22- Apr 23          |
| 100459 - Harmon Rd   | Ayala, Alex       | Lopez, Raul     | Arterials        | 2018 BP      | 7                      | 4                       | Construction         | Mar-21-June 23          |
| 101013 - Golden Triangle Improvements (I-35 to Misty Redwood Trail)            | Kastendick, David | Lopez, Raul     | Arterials        | 2018 BP      | 7                      | 4,10                    | Design - Final       | Apr-24                  |
| 101014 - Avondale Haslet (Willow Springs Rd to Eastern City Limits)            | Aiton, Mitch      | Lopez, Raul     | Arterials        | 2018 BP      | 7                      | 10                      | Design - Final       | May-25                  |
| 103299 - W J Boaz Rd West Half   | Ayala, Alex       | Lopez, Raul     | Arterials        | 2022 BP      | 2,7                    | 7                       | Design - Final       | Mar-25                  |
| 103278-Bonds Ranch Road  | Ayala, Alex       | Lopez, Raul     | Arterials        | 2022 BP      | 2,7                    | 10                      | Design - Final       | Jun-25                  |
| 101012 - Cromwell Marine Creek (Boat Club Rd - Marine Creek) (CMAR)            | Ayala, Alex       | Lopez, Raul     | Arterials        | 2018 BP      | 2                      | 2,7                     | Design - Final       | Dec-23                  |
| 104153 - Bailey Boswell(Boat Club to Wind River)                               | Kastendick, David | Lopez, Raul     | Arterials        | 2022 BP      | 7                      | 7                       | Design - Conceptual  | Oct-25                  |
| 104154- Wagley Robertson Rd(Quicksilver Ct. to Coneflower Trail)(Design Only)  | Kastendick, David | Lopez, Raul     | Arterials        | 2022 BP      | 7                      | 7,10                    | Design Procurement   | TBD                     |
| 103300 - Heritage Trace Pkwy 1 (Wagley Robertson to Bus 287-Saginaw Blvd)      | Radovich, Brad    | Lopez, Raul     | Arterials        | 2022 BP      | 7                      | 7                       | Design Procurement   | TBD                     |
| 104152 -Bailey Boswell (Blue M-Horseman) Design- ROW-                          | McCoy, Mark       | Lopez, Raul     | Arterials        | 2022 BP      | 2                      | 7                       | By Developer         | -                       |
| Mobility   |                   |                 |                  |              |                        |                         |                      |                         |
| 101585-1 - NW Loop 820 & Marine Creek Pkwy - Phase 1                           | Shrestha, Iskal   | Allen, Chad A   | Intersections    | 2018 BP      | 2                      | 2                       | Construction         | Sep-22-July 23          |
| 101585-2 - NW Loop 820 & Marine Creek Pkwy - Phase 2                           | Shrestha, Iskal   | Allen, Chad A   | Intersections    | 2018 BP      | 2                      | 2                       | Design - Preliminary | Dec-24                  |
| 104216- Bowman Roberts Rd from Ten Mile Bridge Rd to Corral Reef Dr            | Kastendick, David | Allen, Chad A   | Sidewalks        | 2022 BP      | 2                      | 2                       | Design - Conceptual  | Aug-23                  |
| Storm Water  |                   |                 |                  |              |                        |                         |                      |                         |
| 102975 - Greenfield Acres Drainage PH4   | Wellbaum, Michael | Young, Linda    | Flood Mitigation | 2020 RB      | 2                      | 2                       | Construction - M&C   | Jun-23                  |



An aerial photograph of a suburban neighborhood. A major road runs vertically through the center, with a large circular interchange or roundabout under construction in the foreground. The road is lined with orange traffic cones. To the left of the road, there's a large, flat, brownish area, possibly a construction site or undeveloped land. To the right, there are several large, multi-story apartment complexes or townhouses with swimming pools. The background is filled with dense residential housing, mostly single-story houses with dark roofs. The word "Arterials" is overlaid in large white text on the road.

# Arterials



## **Bonds Ranch Phase 2, Part 2**

### **(Intersection at FM 156 and Bonds Ranch Rd)**

- Scope:
  - I. Interim improvements: widening of turn lanes, increasing turning radii, traffic signal replacement, mill & overlay, etc.
  - II. TxDOT to reconstruct FM 156 corridor (anticipated 2028).
- Construction Start: April 2022
- Estimated Construction Completion: April 2023
- Funding: 2018 Bond (\$14.4M), 2017 Tax Note (\$1.9M)





## Avondale Haslet Rd- Willow Creek Drive to east Fort Worth city limit (John Day Rd)

- Scope:
  - Design and construction of 2.43 miles of a 4-lane divided thoroughfare with curb and gutter, drainage, streetlights, and shared paths.
- Estimated cost: \$48,900,000
- Next Steps:
  - I. 90% Design
  - II. ROW and Utility Relocations
- Construction Start: May 2025
- Estimated Completion: May 2027
- Funding: 2018 Bond (\$12.6M), 2022 bond (\$17M), Tarrant County Bond (\$19.3M)



## **W J Boaz Rd West Half- Boat Club Rd (FM 1220) to Elkins School Rd**

- Scope:
  - Design and construction of 1.03 miles of a 4-lane divided thoroughfare with curb and gutter, drainage, streetlights, and shared paths
- Estimated cost: \$27,300,000
- Next Steps:
  - I. Final Design
  - II. ROW and Utility Relocations
- Construction Start: March 2025
- Estimated Completion: March 2027



# Bonds Ranch Rd and Wagley Robertson Rd- US Hwy 287 SB SR to Wagley Robertson Rd

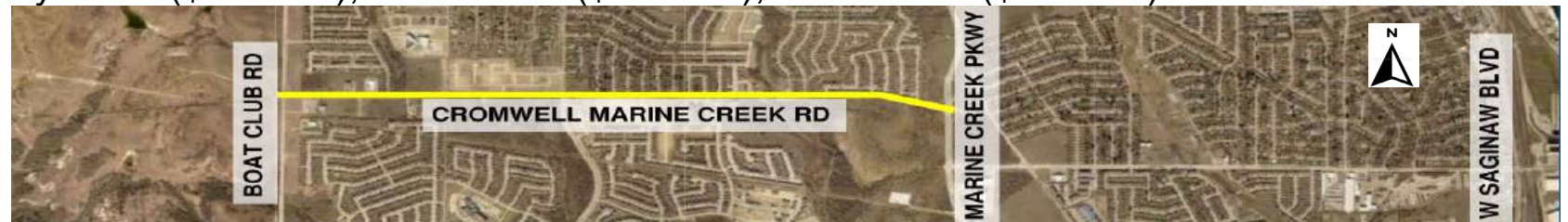
- Scope:
  - Design and construction of 1.03 miles of a 4-lane divided thoroughfare with curb and gutter, drainage, streetlights, and shared paths
- Estimated cost: \$31,550,000
- Next Steps:
  - Water Line Design – 30% Design
  - Roadway Widening - 30% Design
  - ROW and Utility Relocations
- Construction Start: June 2025
- Estimated Completion: October 2026
- Interim Improvements
  - Signal at Wagley Robertson Road – anticipated in place Aug 2023
  - LT at Fossil Springs/Kittering and Roundabout next to QT: Start April/May      Complete: Summer 2023
- Funding: 2021 Tarrant County Bond (\$12.4M), 2022 Bond (\$16.4M), Impact Fee (\$2.75M)





# Cromwell Marine Creek Blvd- Boat Club to Marine Creek Pkwy

- Description and Purpose:
  - Construction of 2.18 miles of a 4-lane divided thoroughfare with curb and gutter, drainage, streetlights, and shared paths
- Estimated cost: \$37,240,000
- Next Steps:
  - I. 90% Design
  - II. CMAR preconstruction services
  - III. Complete ROW Acquisition/Utility Relocation
- Construction Start: Dec 2023
- Estimated Completion: Dec 2025
- Funding: 2021 Tarrant County Bond (\$13.91M), 2022 Bond (\$10.97M), 2018 Bond (\$12.36M)



# Harmon Road

## (US 287 To Golden Triangle Blvd)

- Scope:
  - I. Construct 4-lane divided road
  - II. Construct 3 permanent roundabouts: Bonds Ranch Rd, Heritage Trace, Presidio Vista
- Construction Started: March 2021
- Construction Completion: June 2023
  - I. Original work scope: March 2023 (substantially complete)
  - II. Added scope: June 2023 (on schedule)
- Funding: 2018 Bond (\$18M), Impact Fee (\$6.3M), TIF 7 Development Agreement (\$12.4M)





## Harmon Road (US 287 To Golden Triangle Blvd)



Looking south from Golden Triangle/  
Bonds Ranch Rd



Presidio Vista roundabout (substantially  
complete)



Heritage Trace Pkwy  
roundabout (75% complete)



## Bailey Boswell Rd- Boat Club Rd to Wind River Dr

- Scope:
  - Design and construction of 1.8 miles of a 4-lane divided thoroughfare with curb and gutter, drainage, streetlights, and shared paths.
- Estimated cost: \$29,000,000
- Next Steps:
  - I. Community meeting to show schematic of improvements proposed
  - II. Develop 30% design after community input
- Construction Start: October 2025
- Estimated Construction Completion: January 2027
- Funding: 2022 Bond (\$29M)

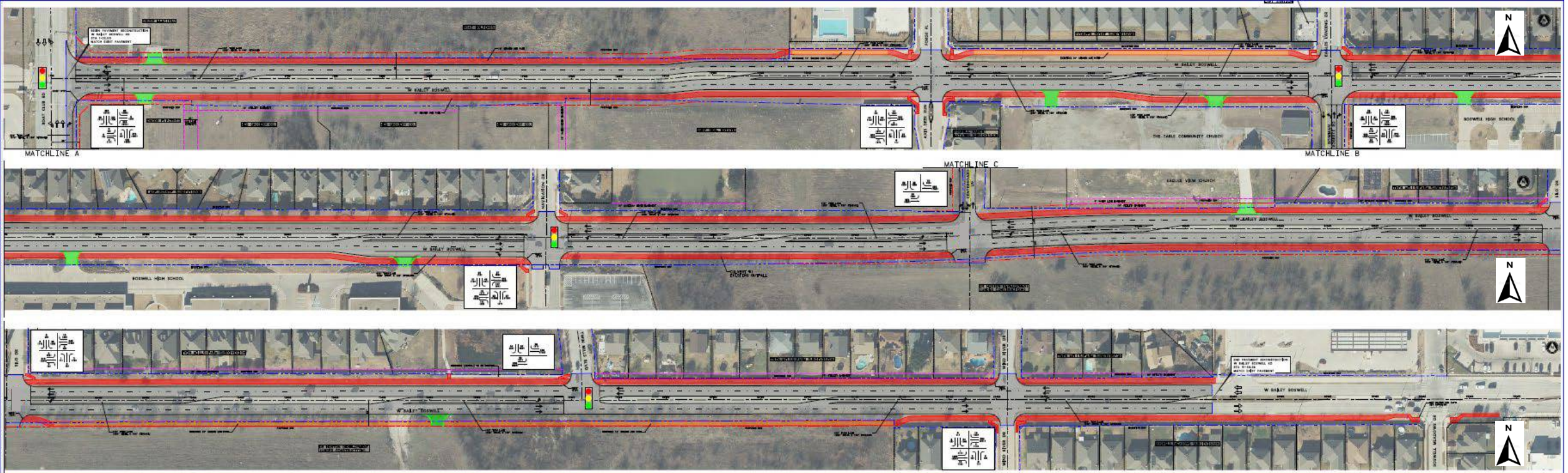






# Bailey Boswell Rd- Boat Club Rd to Wind River Dr (continued)

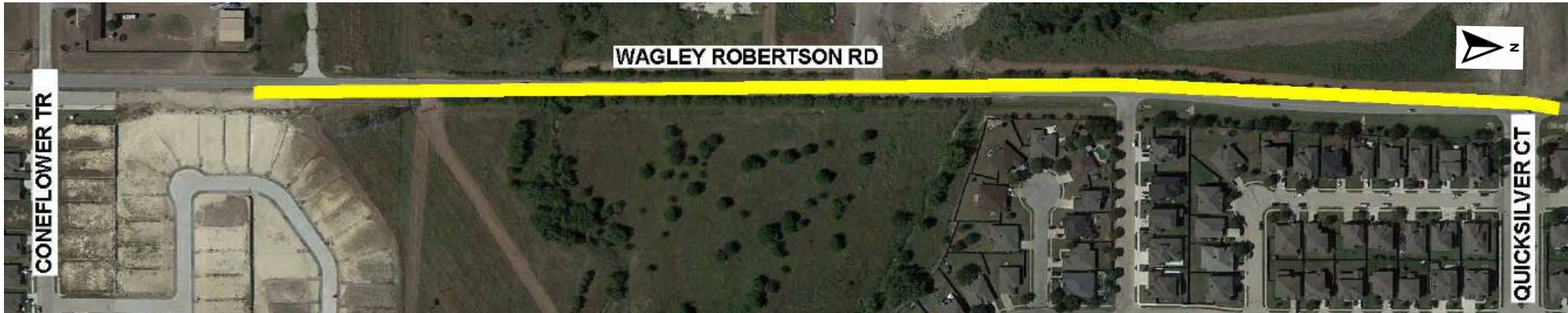
## Concept





# Wagley Robertson Rd (Coneflower Tr to Quicksilver Ct)

- Description and Purpose:
  - Design and construction of 0.45 miles of a 5-lane undivided thoroughfare with curb and gutter, drainage, streetlights, and shared paths.
- Estimated cost: \$20,000,000
- Next Step: Design builder procurement
- Construction start date: TBD
- Funding: 2022 Bond (\$11M), Stormwater Fund (\$5M), Legacy Funds (\$4M)





# Golden Triangle Boulevard (I-35 to Harmon Rd)

- Scope Change:
  - I. Original: Intersection-only improvements at Harmon and Golden Triangle
  - II. Revised: 4-lane concrete divided arterial (ability to expand to 6 lanes)
- Next Steps:
  - I. Complete Property Acquisition
  - II. Relocate Franchise Utilities
- Construction Start: April 2024
- Estimated Construction Complete: March 2025
- Project Cost:
  - I. Original: \$5.3M
  - II. Revised: \$7.6M

Funding: 2018 Bond (\$2.9M) Impact Fees (\$3M),  
Old Cap Project Funds (\$1.6M) Misc (\$0.5M)



# Bailey Boswell Rd - Horseman Rd to Harmon Rd

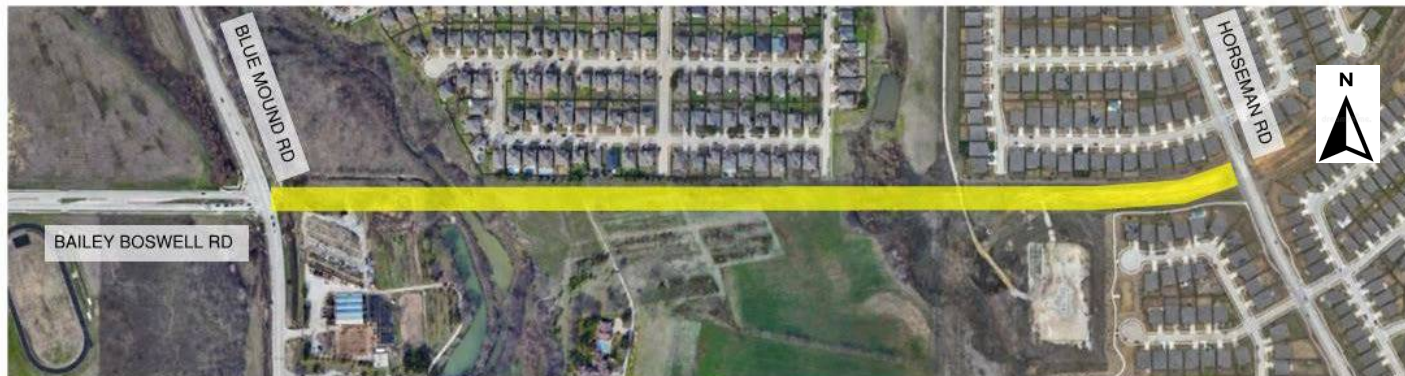
- Scope:
  - Design and construction of 0.85 miles of a 4-lane divided thoroughfare with curb and gutter, drainage, streetlights, and shared paths.
- Being delivered by the developer with financial participation by the City
- Estimated cost: \$10,800,000
- Construction Start: Dec 2021
- Estimated Completion: June 2023
- Funding: Impact Fees (\$4M), Developer Funds (\$6.8M)





## Bailey Boswell Rd - Blue Mound Rd to Horseman Rd

- Scope:
  - Design and ROW for 0.7 miles of a 4-lane divided thoroughfare with curb and gutter, drainage, streetlights, and shared paths. Construction not funded at this time.
- Estimated Design complete: Summer 2024
- Next Step: Complete negotiations with developer to undertake design
- Estimated total project cost: \$40,000,000 (design, ROW, etc. as well as construction)
- Opportunities: P3 negotiations with the developer for design and construction of 2 lanes in the near term
- Funding: 2022 Bond (\$1M)





## Heritage Trace Pkwy 1- Wagley Robertson Rd to Saginaw Blvd

- Scope:
  - Design Only of 1.2 miles of a 4-lane divided thoroughfare with elevated railroad crossing, curb and gutter, drainage, streetlights, and shared paths.
- Estimated cost: \$64,400,000
- Next Step: Design Procurement to be issued April 2023
- Proposed for federal construction funding
- Construction start: TBD
- Funding (Design and ROW Only): 2022 Bond (\$3.2M), Developer Funds (\$3.7M)

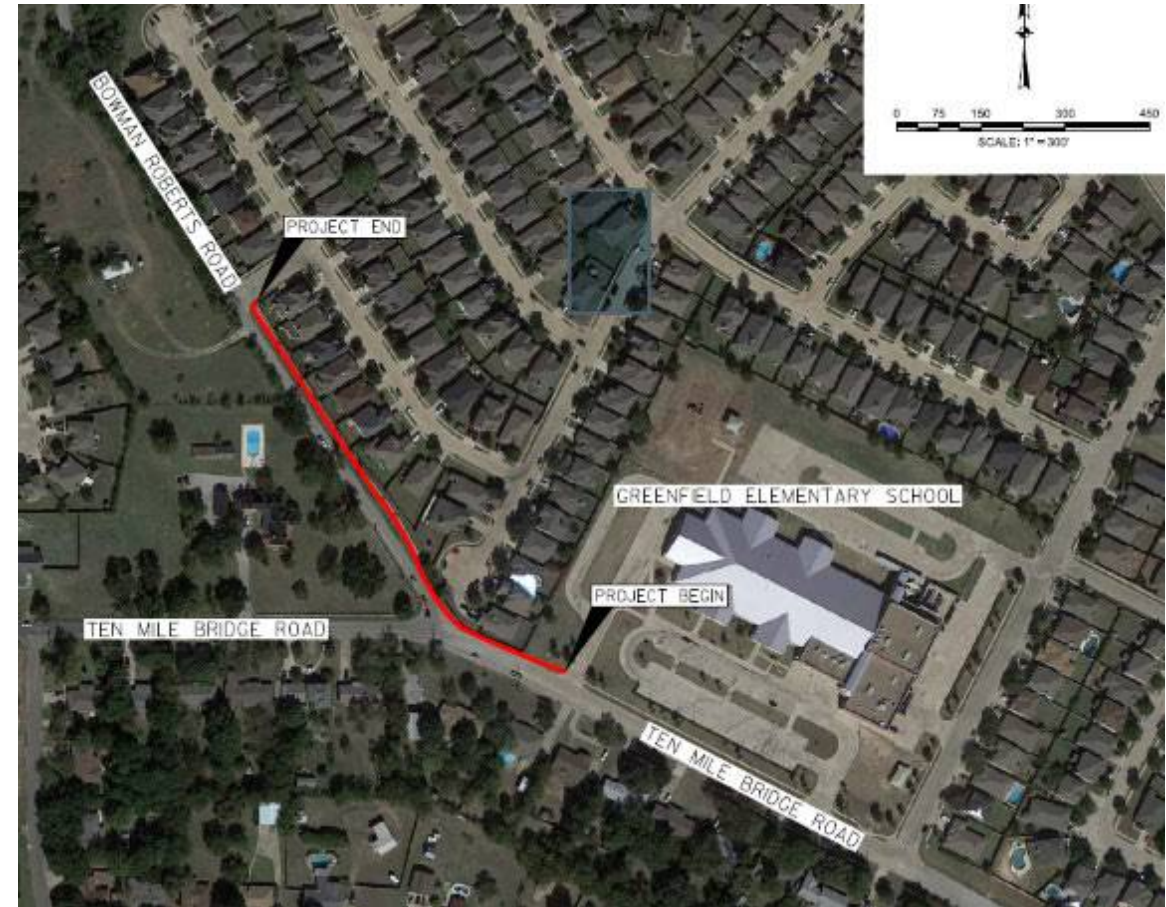




# Mobility

# Bowman Roberts Road Sidewalk (Ten Mile Bridge-Corral Reef Dr)

- Scope:
  - New sidewalk to provide connectivity between nearby neighborhood and Greenfield Elementary School EM-S ISD
- Next Steps: 30% Design Review
- Construction Start: Aug 2023
- Estimated Construction Complete: Jan 2024
- Fund: \$275k (Design) \$520k 2022 Bond (Construction)





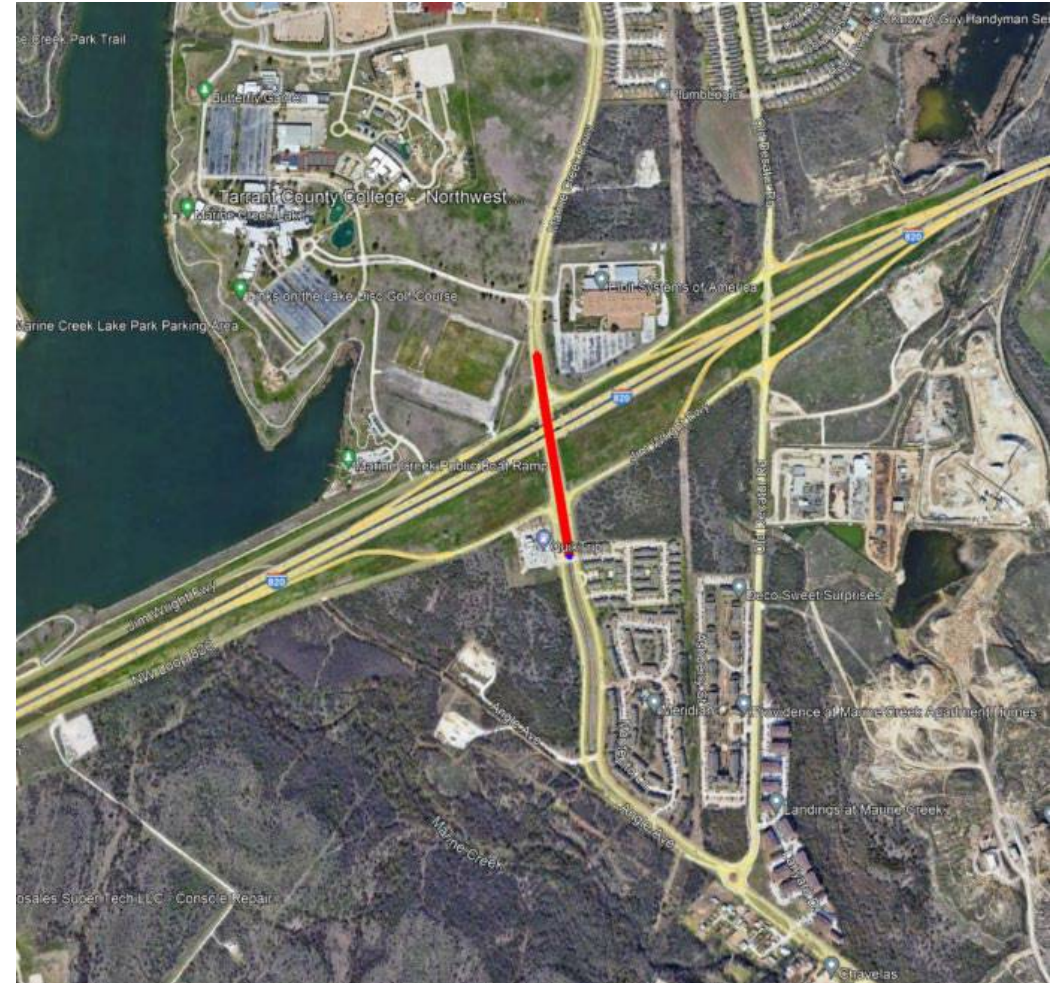
# N.W. Loop 820 & Marine Creek Pkwy – Phase 1

- Scope:
  - I. Phase 1 – Design and construct a U-TURN and trail system that connects to the Park project
- Next Steps:
  - I. Monitor the Construction activity
- Construction Complete: July 2023
- Funding: 2018 Bond (\$2.08M), New Capital Project (\$1M), Old Capital Project (\$1.2M)



## N.W. Loop 820 & Marine Creek Pkwy – Phase 2

- Scope: The project's scope includes installing northbound and southbound displaced left-turn lanes into the existing diamond interchange intersection. The project scope also include signal modification and/or replacement, pavement marking and signage.
- Next Steps: Approve Schematic Design and Prepare 30% Design
- Construction Start: **December 2024**
- Estimated Construction Complete: **September 2025**
- Funding: 2018 Bond (\$2.08M), New Capital Project (\$1M), Old Capital Project (\$1.2M), Est. Federal Fund (\$2.7M)





A photograph of a storm water management structure, possibly a detention basin or culvert, set in a grassy field. The structure is a long, low concrete wall with three dark, rectangular openings. The field is green and sloping, with a line of bare trees in the background under a clear blue sky. Power lines are visible in the upper part of the frame. The entire image is framed by a thin white border.

# Storm Water



## Active, Upcoming, & Completed Phased Stormwater Project



## Greenfield Acres Drainage Improvements

**Purpose:** Addresses home and property flooding by providing regional detention and a storm drain pipe and inlet network in 4 phases

**Phase 1, 2, & 3:** Complete

**Phase 4:** Construction expected to start May 2023 (see yellow highlights)

**Total Project Cost (all phases):** \$16.8M



South Ridge Road Basin





# Regional Transportation and Innovation (RTI)



## RTI's Role

- Identify Multimodal Transportation Needs
- Get Projects' Funding Ready
- Develop Regional Partnerships
  - TxDOT/NCTCOG/Trinity Metro other local governments
- Apply for Transportation Funding Opportunities
- Coordinate with Railroads
- Maintain Master Thoroughfare Plan

# RTI's Major Initiatives/Projects

- Citywide Transportation Master Plan (Late Summer Start)
- Eastside Transportation Plan (ongoing)
- Westside Sub-Regional Planning Studies (Start TBD)
- Transportation Funding Applications (10 apps since April 2022)
- Berry Street Corridor Plan (ongoing)
- McCart Avenue Corridor Plan (Spring Start)





# Q&A



# Thank you for your attendance!

