



W.J. Boaz Road (West End) Reconstruction

from Boat Club Road to Elkins School Road





City Project No. 103299
Council District 2 & 7

Presenting: Alejandra (Alex) Ayala, P.E.
City of Fort Worth – Department of Transportation and Public Works

Thursday, January 25, 2024



Project Team

Organization		Name	Role
	City of Fort Worth	Alejandra (Alex) Ayala, P.E.	City Project Manager
	City of Fort Worth	Raul E. Lopez, P.E.	City Program Manager
	Graham Associates, Inc.	Mark Burckhard, P.E.	Consultant Project Manager
	Graham Associates, Inc.	Joe Perkins, P.E.	Consultant Project Engineer

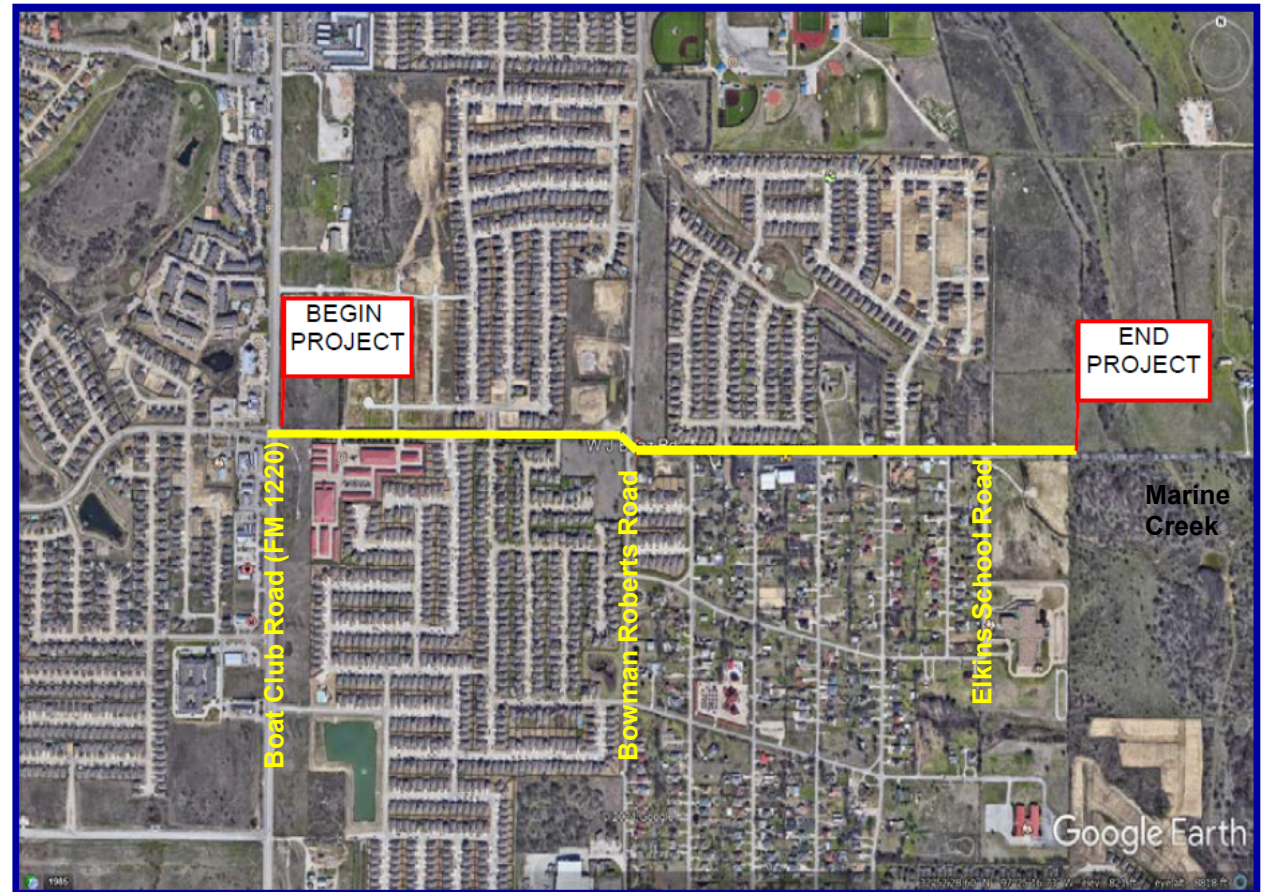
City Project Manager Role

Transportation Project Manager – Professional responsible for resource coordination, procuring and managing contracts and services for the delivery of a project whose limits and scope are pre-defined by the transportation planners.

Consultant Project Manager Role

Consultant Project Manager – Professionals responsible for the design and coordination of the resources needed for the survey, right-of-way acquisition, utility relocations, permit submittals, bidding and construction management and ensuring the elements of the pre-defined scope are included in the final design.

Project Map



Project Scope

- Roadway Widening from Boat Club Road to Elkins School Road
 - Modified traffic signal at Boat Club Road
 - Warrant Study to determine if a traffic signal is needed at Bowman Roberts Road (includes analysis to determine best design for this intersection)
 - Construction of a 4-lane divided roadway
 - 10 ft Multi-use trail on north side of the roadway
 - 10 ft Multi-use trail on south side of the roadway, except in areas where a 5-7 ft sidewalk will be constructed to reduce impacts to property owners
 - Drainage Improvements including elimination of roadside ditches
 - Channel and Culvert improvements north and east of Elkins School Road
 - LED Streetlights
- Design sections designed to save trees where possible and reduce impacts to existing homes and parking areas

Existing Conditions



Looking West at Boat Club Road into Eagle Ranch



Overhead power lines near Boat Club Road

Existing Conditions



Looking East at Schooner Drive



Looking West at Wavecrest Way



Looking North at Bowman Roberts Road
and Baggins Street

Existing Conditions



Looking East at Bowman Roberts Roundabout



Looking East Toward Seth Barwise Street



Looking East Toward Bellingham Road

Existing Conditions



Looking East toward Gillis Johnson Street

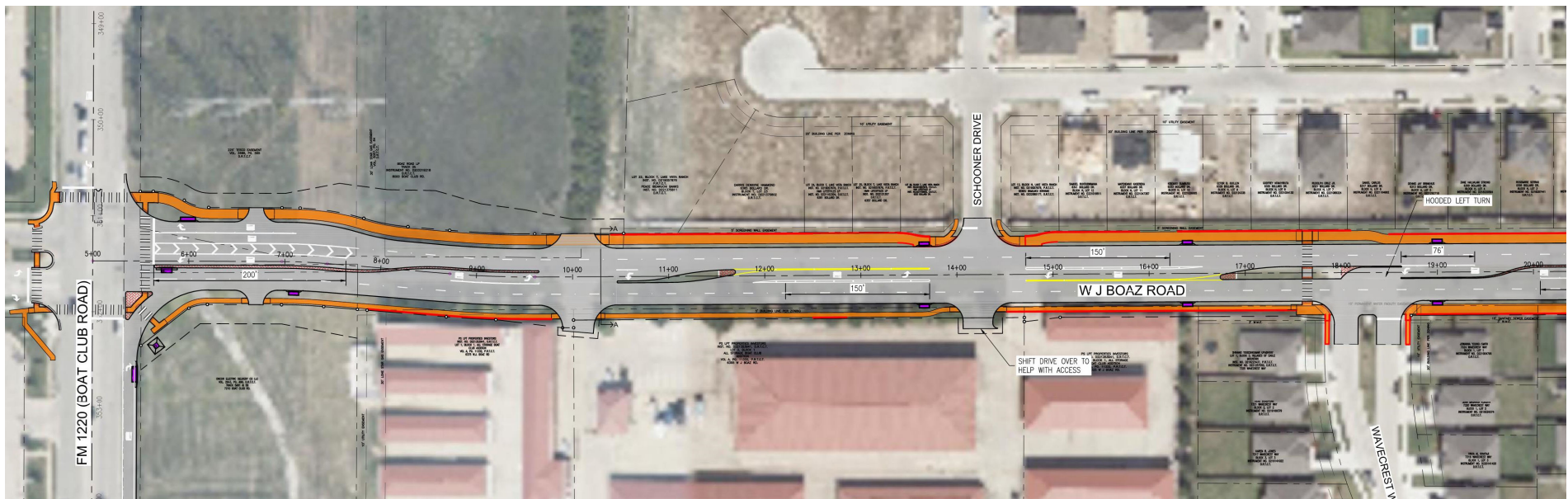


Looking East toward Sam Cantey Road



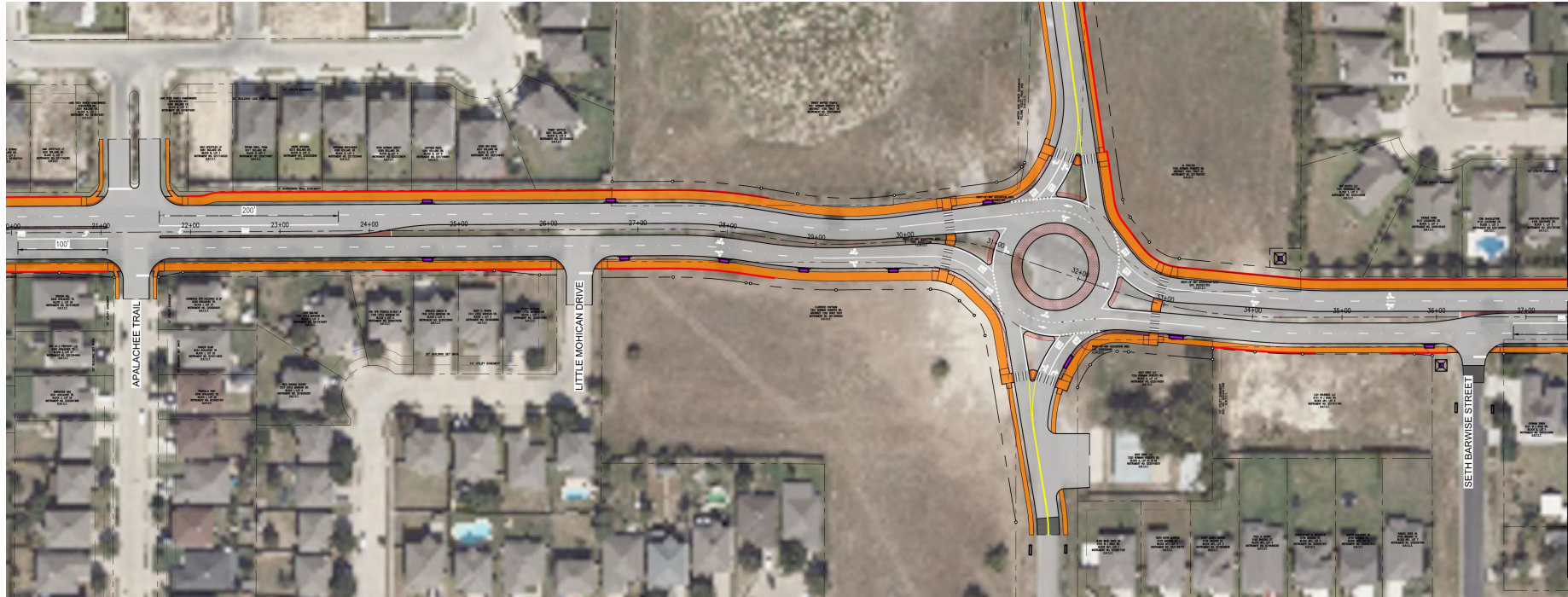
Looking East toward Elkins School Road

Proposed Roadway Reconstruction/Widening Boat Club Road to Wavecrest Way

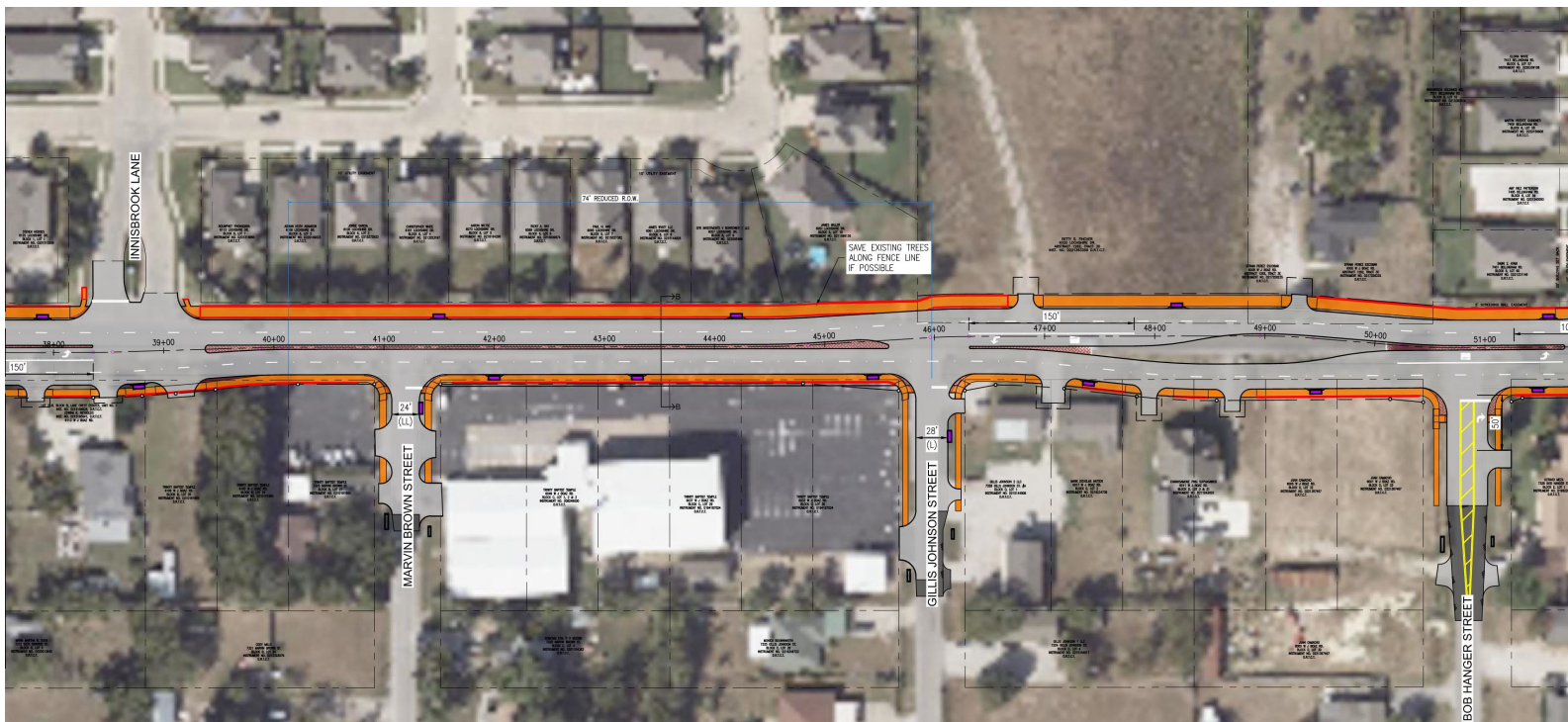




Proposed Roadway Reconstruction/Widening Apalachee Trail to Seth Barwise Street



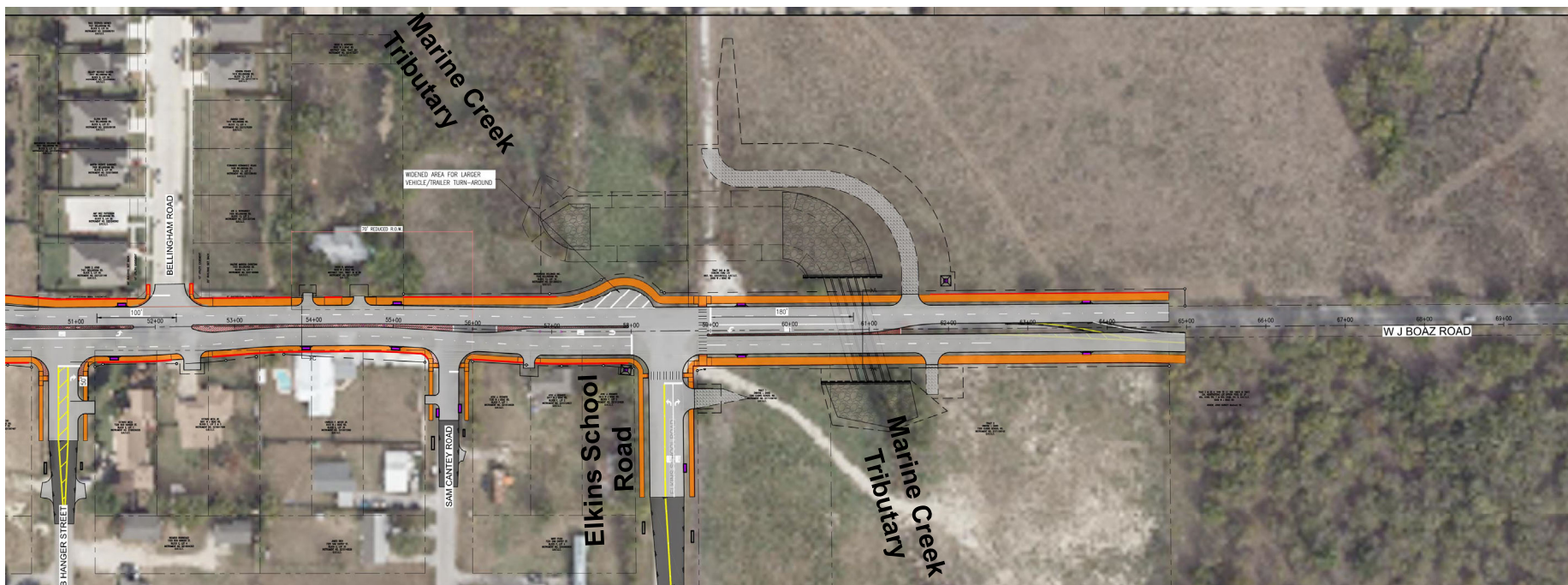
Proposed Roadway Reconstruction/Widening Innisbrook Lane to Bob Hanger Street





Proposed Roadway Reconstruction/Widening

Bob Hanger Street to Marine Creek Tributary

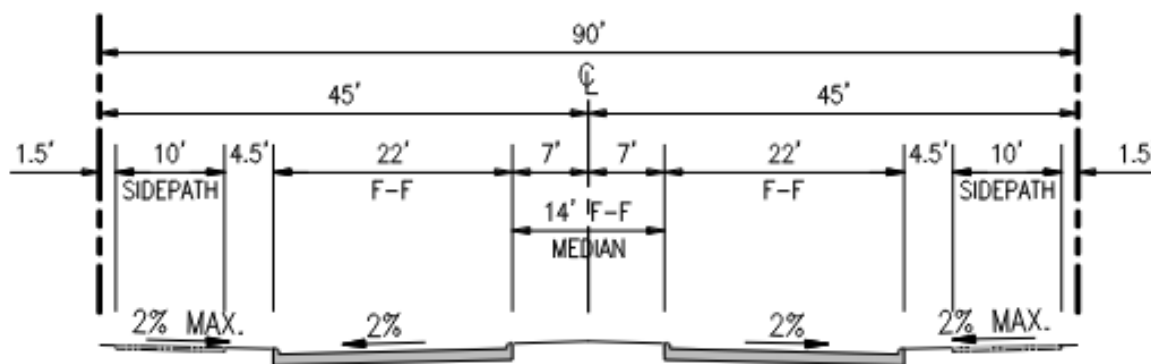


Proposed Typical Sections

Typical Section (90 ft)

From Boat Club Rd. to Innisbrook Lane

- 4-Lane Divided Roadway (2-11' lanes)
- 90' of Right-of-Way
- Design Speed 30-mph to 35-mph

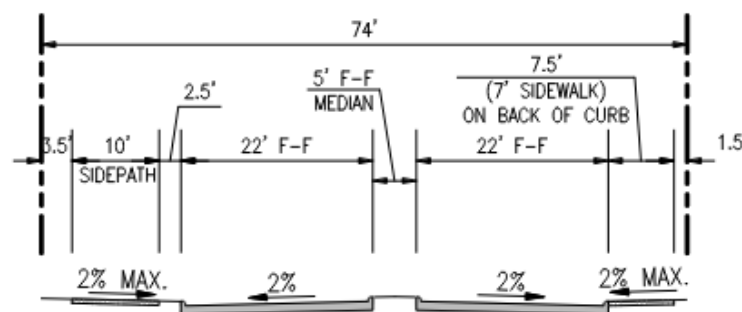


90-foot Typical Section

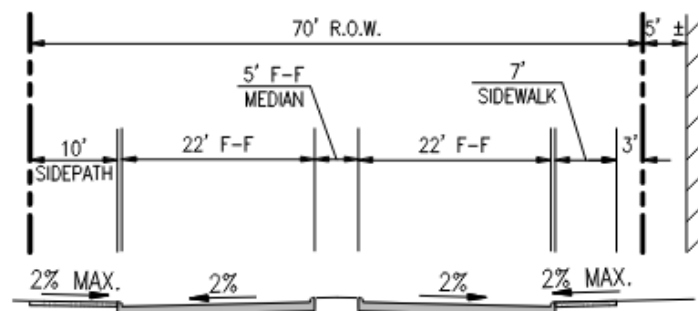
Proposed Typical Sections

Reduced Typical Sections From Innisbrook Lane to Elkins School Road (Reduced Sections to minimize impact to existing structures)

- 4-Lane Divided Roadway (2-11' lanes)
- Reduced Median Widths
- Reduced Sidewalk on South Side



74-foot Reduced Section



70-foot Reduced Section



Project Schedule and Budget

- Design Completion: March 2024
 - Right-of-Way Acquisition Completion: Summer 2024
 - Utility Relocations: Fall 2024-Summer 2025
 - Construction Start: TBD*
 - Construction Duration: 24 Months
- * Construction start date contingent upon completion of
Cromwell Marine Creek Road & Bailey Boswell Road

Project Budget: \$30M

Project Funding Sources:

- Tarrant County Bond Election November 2021
- Fort Worth 2022 Bond Program May 2022

QUESTIONS?

CONTACT INFORMATION



Design/Construction Concerns

Alejandra (Alex) Ayala, P.E.
Project Manager
817-392-8883

alejandra.ayala@fortworthtexas.gov



Traffic Concerns

Raj Gupta, P.E.
Traffic Management
817-392-2531

rajnish.gupta@fortworthtexas.gov



Thank you.

