



Main Street Downtown Signal Corridor 7 Intersections 1st, 2nd, 5th, 6th, 7th, 8th, and 9th Streets

City Project Number 103314 _Project Manager: Seth Cooksey
Project Engineers: Bartlett & West, Inc.

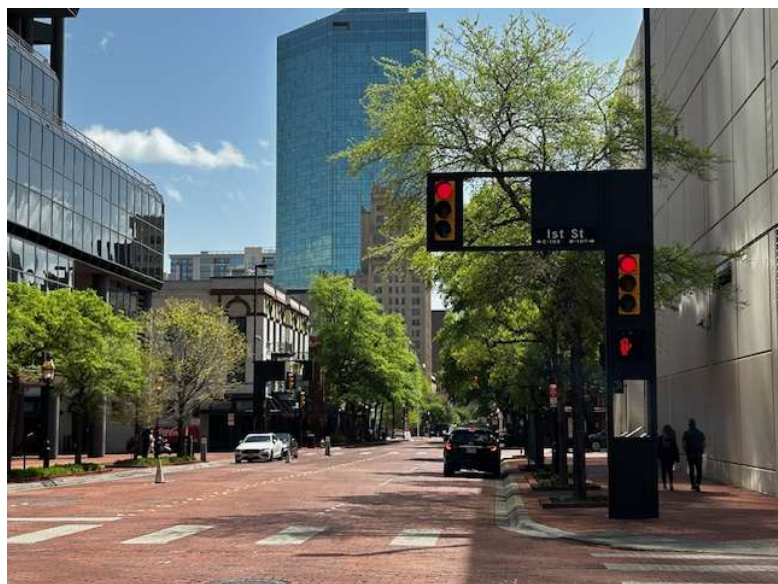
April 24, 2025

Agenda

- Project Scope
- Project Location
- Why This Project
- Project Status
- Preliminary Design
- Project Schedule
- Project Contact Information

Project Scope

- Upgrade the signalized intersections by installing powder-coated black poles, arms, pedestrian traffic signals, PTZ cameras, signage and ADA ramps on Main St. from 1st St. to 9th St., except at 3rd St. and 4th St., Construct power pedestals on 9th St., 8th St., and Weatherford St., add signal battery backups to power pedestals at 9th, 8th, 4th, 3rd, and Weatherford Streets.





Project Location

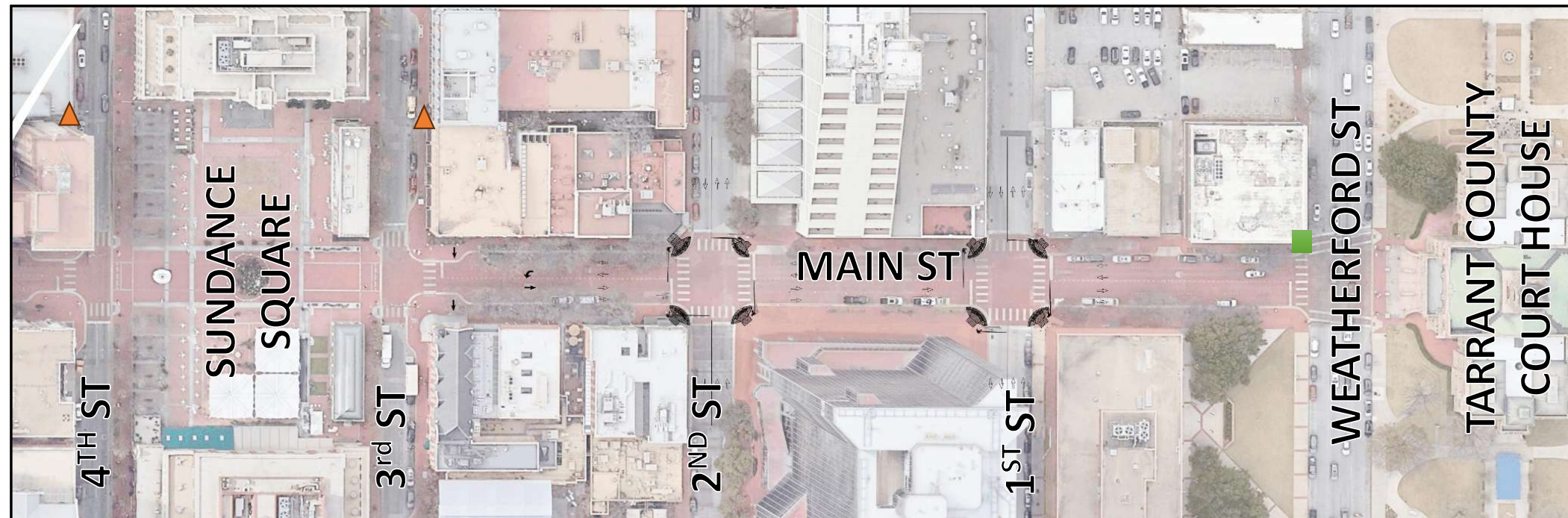


Phase I

▲ ADD BATTERY BACKUP TO EXISTING POWER PEDESTALS 4TH AND 3RD STREETS

UPDATE TRAFFIC SIGNALS AND IMPROVE SIDEWALK CURB RAMPS AT 1ST AND 2ND STREETS

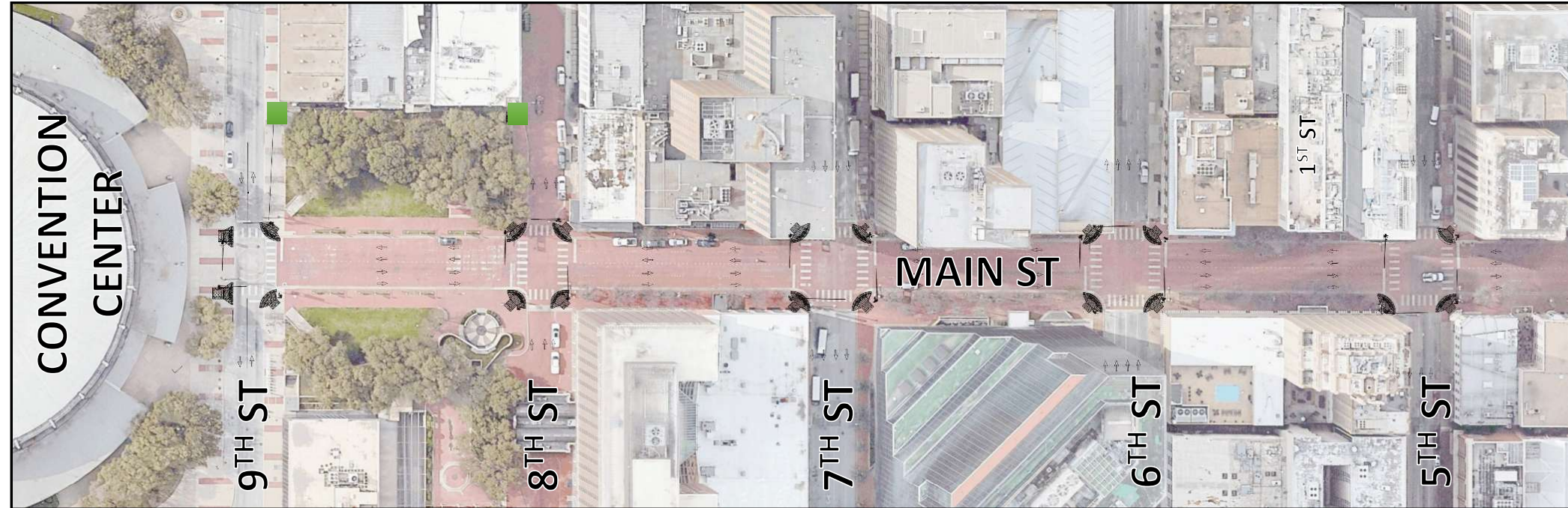
■ ADD NEW POWER PEDESTAL AND BATTERY BACKUP AT WEATHERFORD AND MAIN



Phase II

■ ADD NEW POWER PEDESTAL AND BATTERY BACKUP AT 9TH AND 8TH STREETS

UPDATE TRAFFIC SIGNALS AND IMPROVE SIDEWALK CURB RAMPS AT 9TH, 8TH, 7TH, 6TH AND 5TH STREETS





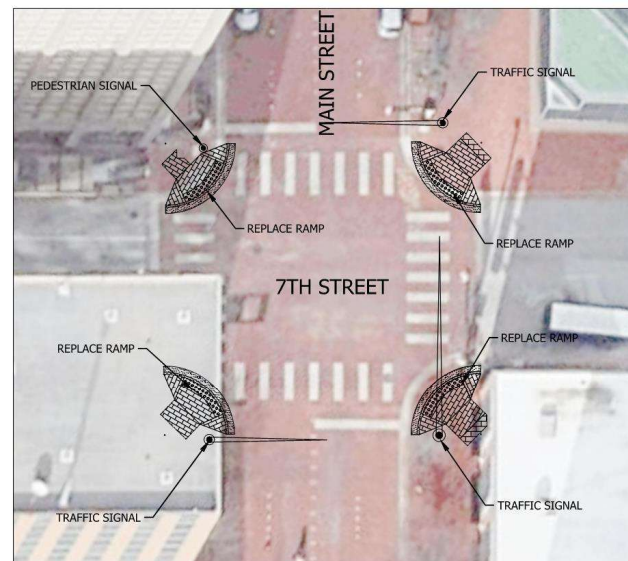
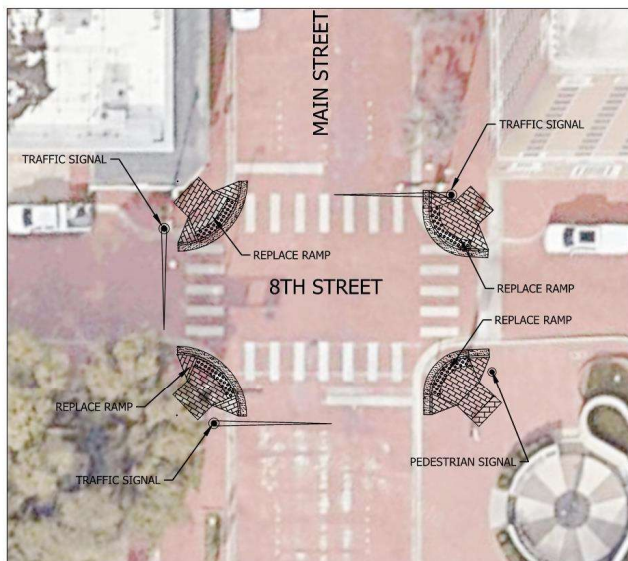
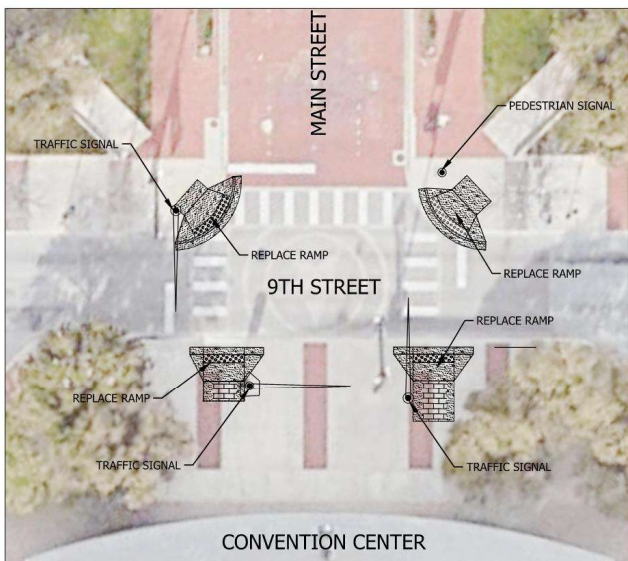
Why this Project

- Main Street from Weatherford St. to 9th St. is on the CFW Top 10 Pedestrian High Injury Network List
- Project funded by 2022 Bond Program
- Aging Signal Infrastructure – structurally compromised signal poles and mast arm.
- Custom made parts no longer available
- Capability to run energy efficient signals during power outage
- Need upgrades to meet current industry standards – MUTCD
 - Signal head over each lane of traffic
 - Ability to install current and future ITS devices
- Upgraded detection systems to work in unison and identify problems
 - Radar and video detection
 - Pan, tilt, zoom cameras
- Improve overall safety for all users and update aesthetics of signal system to match 3rd and 4th St.
- Improve pedestrian access elements such as ADA compliant curb ramps

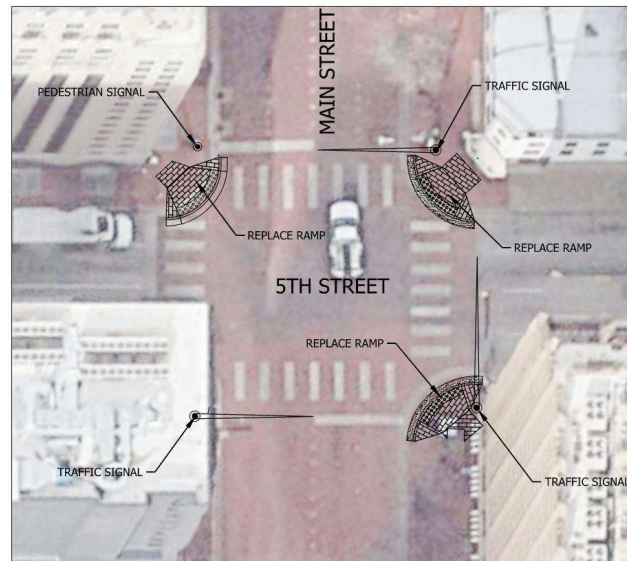
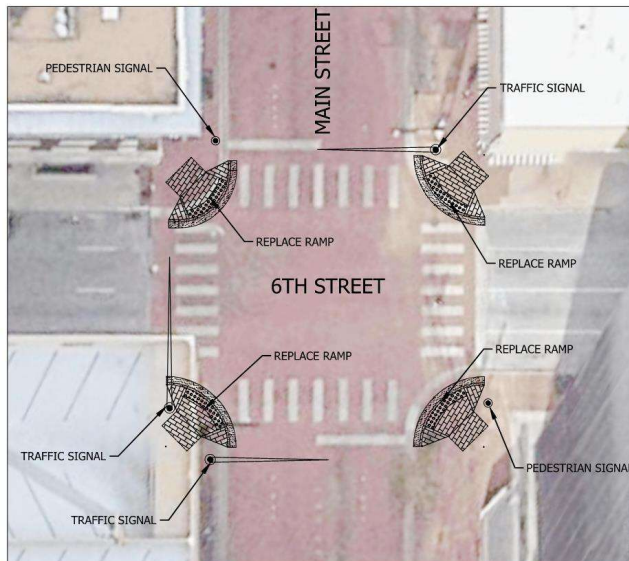
Project Status

- 30% Submittal: Conceptual Design – Submitted Aug 4, 2023
 - No change to lane configuration
- 60% Submittal: Preliminary Design – Submitted Dec 11, 2023
 - Constructability Walk Through
 - Utilities – utility coordination is ongoing
 - ROW – no ROW acquisition is required
- 90% Submittal: Final Design – Submitted Nov 27, 2024
 - Construction plans
- Final Submittal: Construction Documents – Due May 2025
 - Plans, Specifications, & Final Estimate

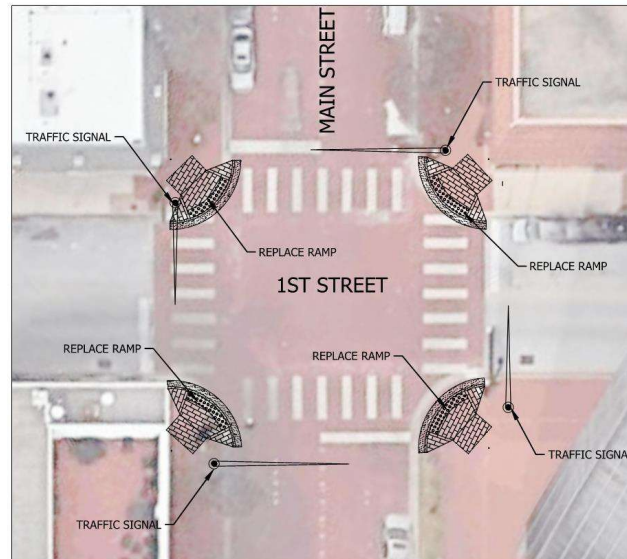
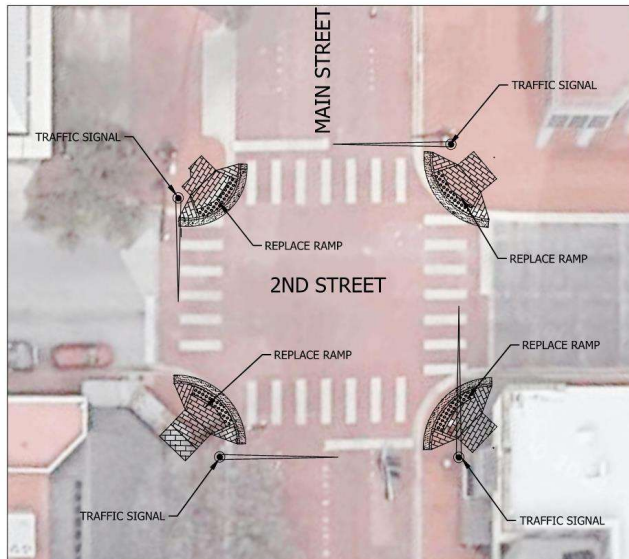
Final Design Signals and Sidewalk Ramps



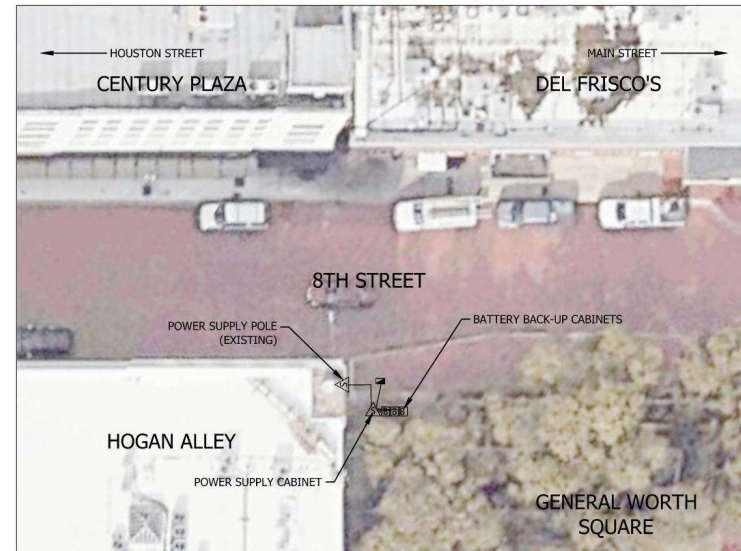
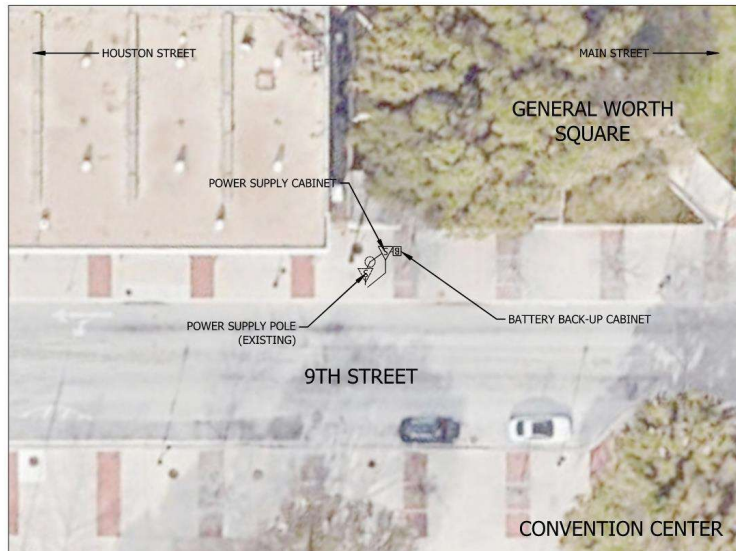
Final Design Signals and Sidewalk Ramps



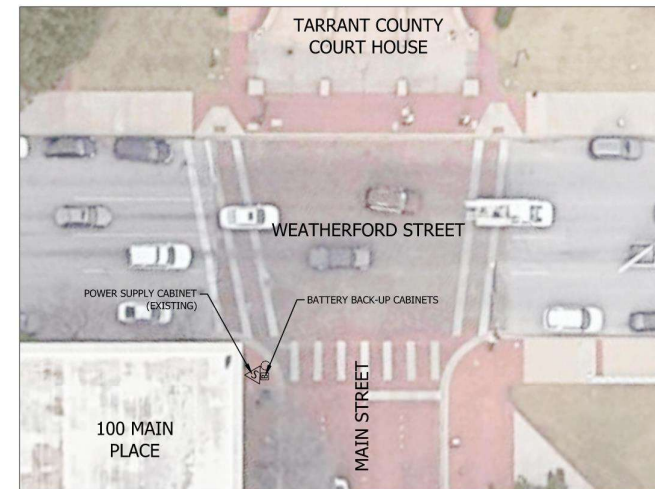
Final Design Signals and Sidewalk Ramps



Final Design Power Pedestals and Battery Backup System



Final Design Power Pedestals and Battery Backup System



Final Design



PEDESTRIAN SIGNAL



TRAFFIC SIGNAL

EXISTING SIGNALS



PEDESTRIAN SIGNAL



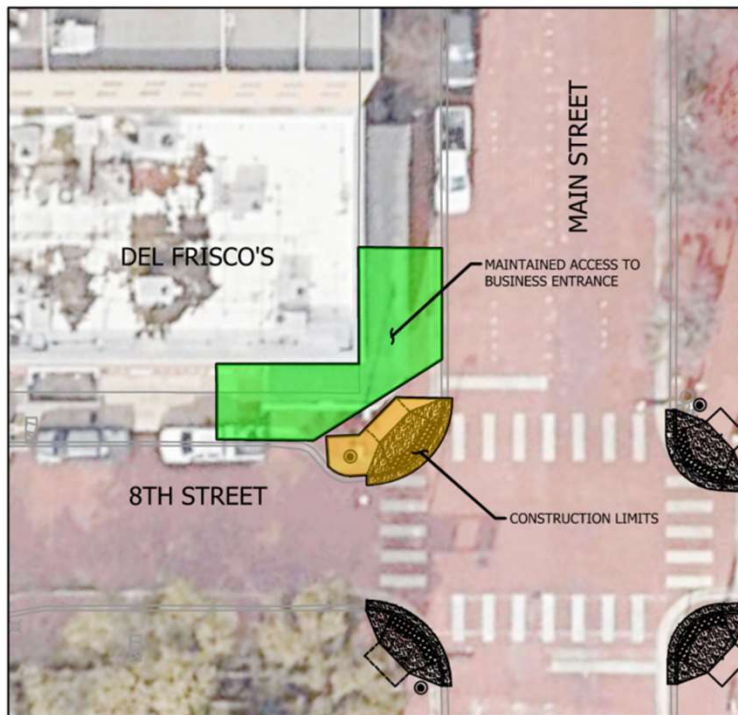
TRAFFIC SIGNAL

PROPOSED SIGNALS

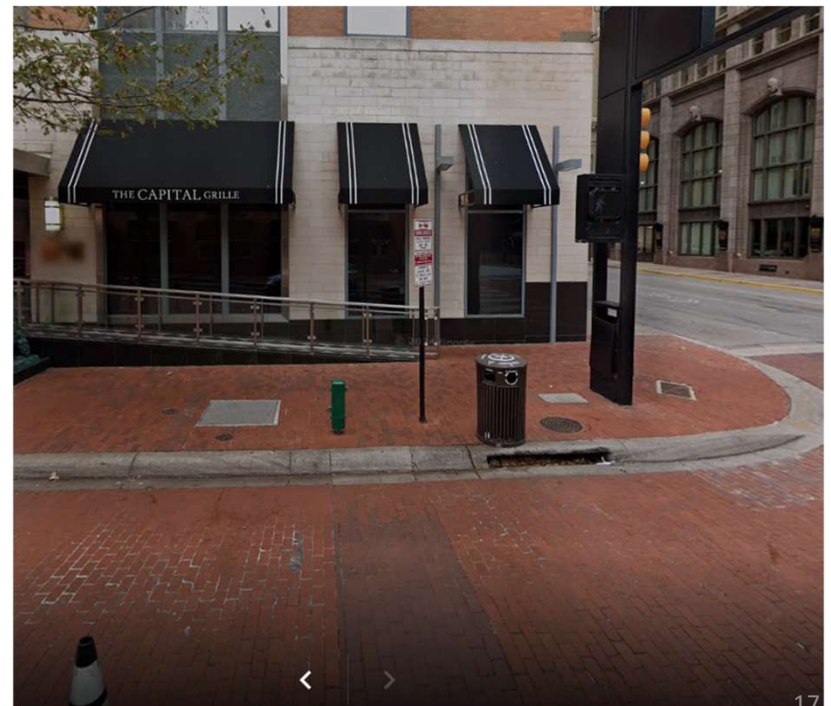
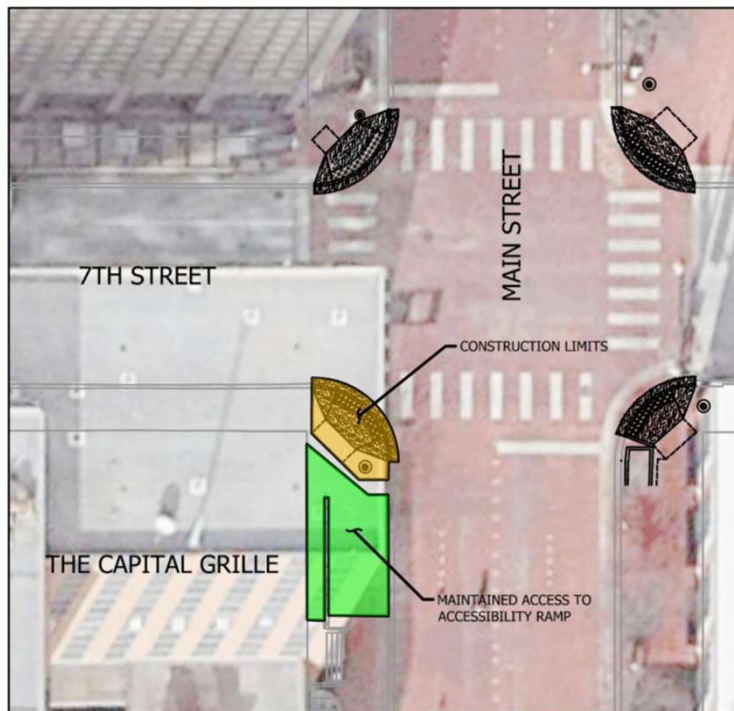


PROPOSED RAMP

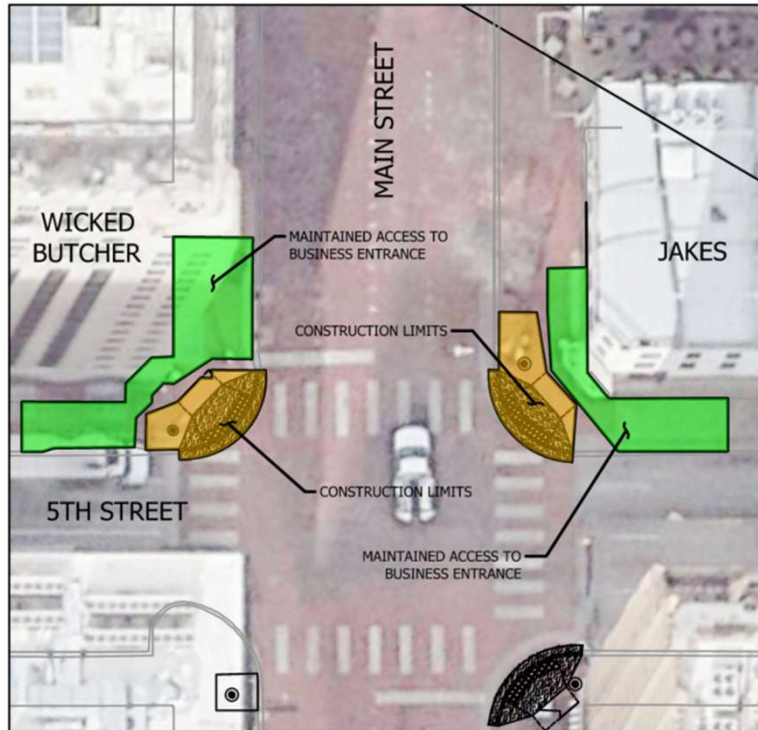
Maintain Pedestrian Access



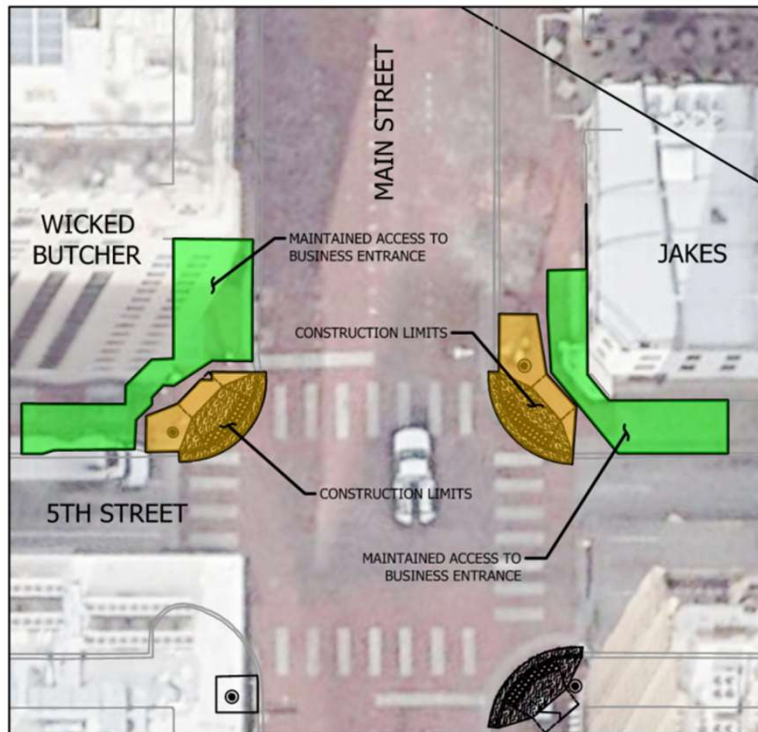
Maintain Pedestrian Access



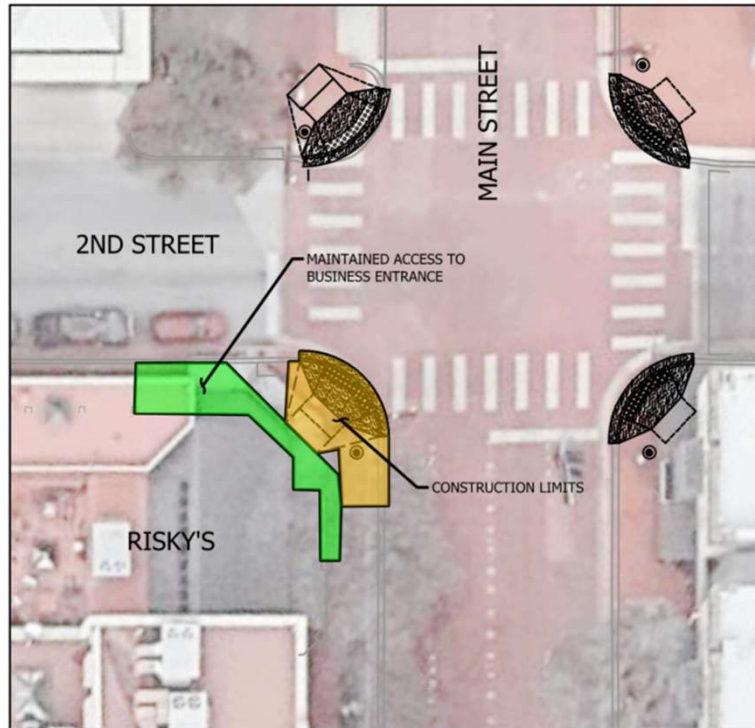
Maintain Pedestrian Access



Maintain Pedestrian Access



Maintain Pedestrian Access



Project Schedule

- Currently completing design phase
- Contract execution for Phase I construction – Spring 2025
- Contract execution for Phase II construction – Spring 2026
- Estimated construction start Phase I – Summer 2025
- Estimated construction start Phase II – Summer 2026
- Estimated construction duration Phase I – 5 months
- Estimated construction duration Phase II – 8 months
- Estimated total construction cost - ~ \$2.6 Million



Please Contact Us

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Service Requests (MyFortWorth)

- MyFW App for Apple:
 - <https://apps.apple.com/us/app/myfw/id1463082731>
- MyFW App for Google:
 - https://play.google.com/store/apps/details?id=gov.fortworthtexas.service&hl=en_US
- Text **HELLO** to 817-835-MYFW (6939).
- **City Call Center:**
817-392-1234
- Chat Box on City of Fort Worth Website

Thank you!

QUESTIONS

