

***An Update on Camp Bowie Brick Pavement Rehabilitation
and
Rivercrest/ Hillcrest Street Improvements***

Presented by

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Agenda

- Camp Bowie Brick Pavement
 1. Camp Bowie Brick Pavement Overview
 2. Primary Causes of Brick Pavement Failures
 3. Rehabilitation Process (Short-Term Plan)
 4. Construction Information (Long-Term Plan)
- Rivercrest/ Hillcrest Street Improvements
- Questions and Comments

Camp Bowie Brick Pavement Overview

City Pavement Data

Pavement Type	Lane Miles	Network Percentage
Asphalt (including Surface Treated)	4,314	51.8%
Concrete (Including Composite)	3,998	48.0%
Brick	19	0.2%

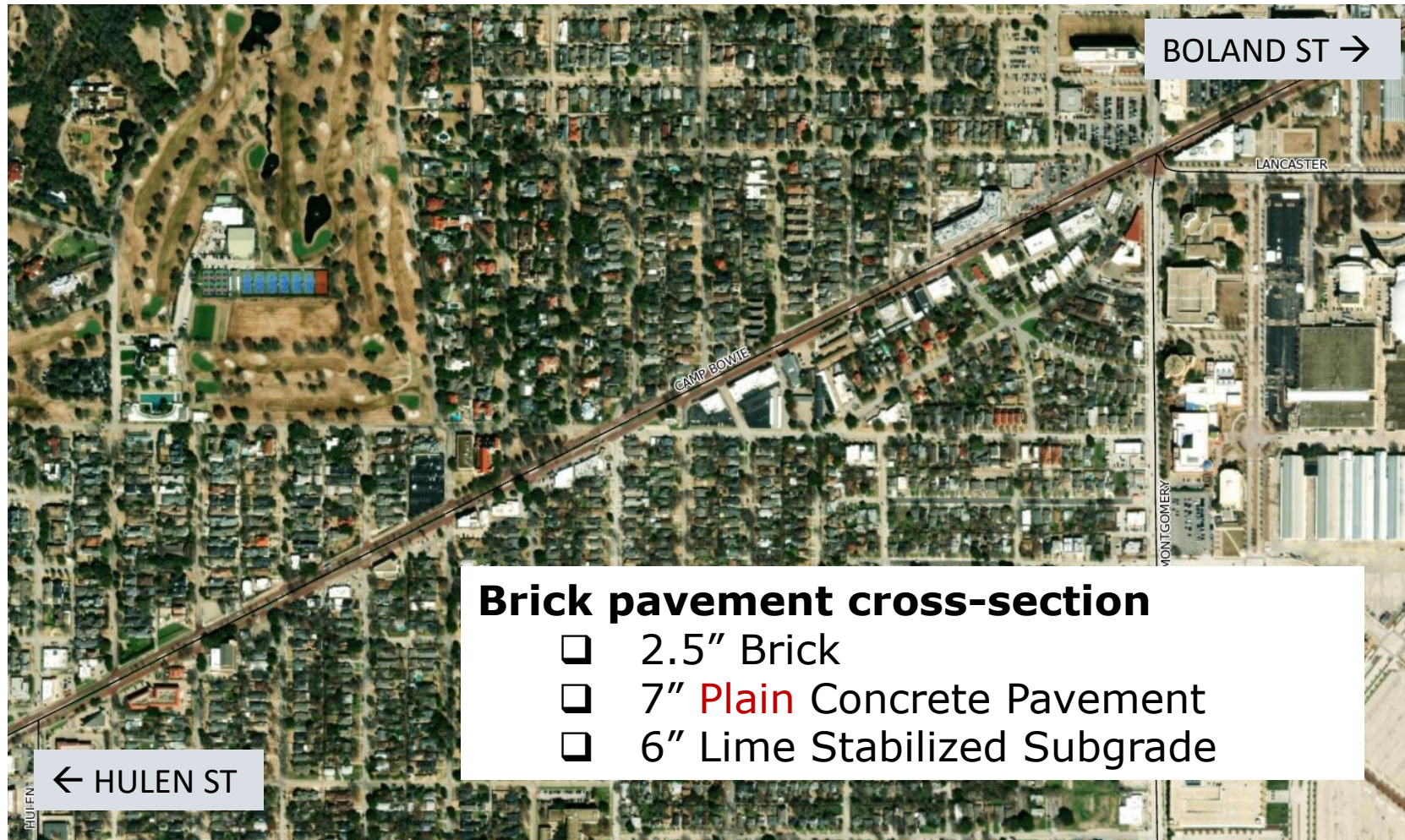
Total Network Lane Miles 8,334

Camp Bowie Brick Pavement = 9.59 lane miles

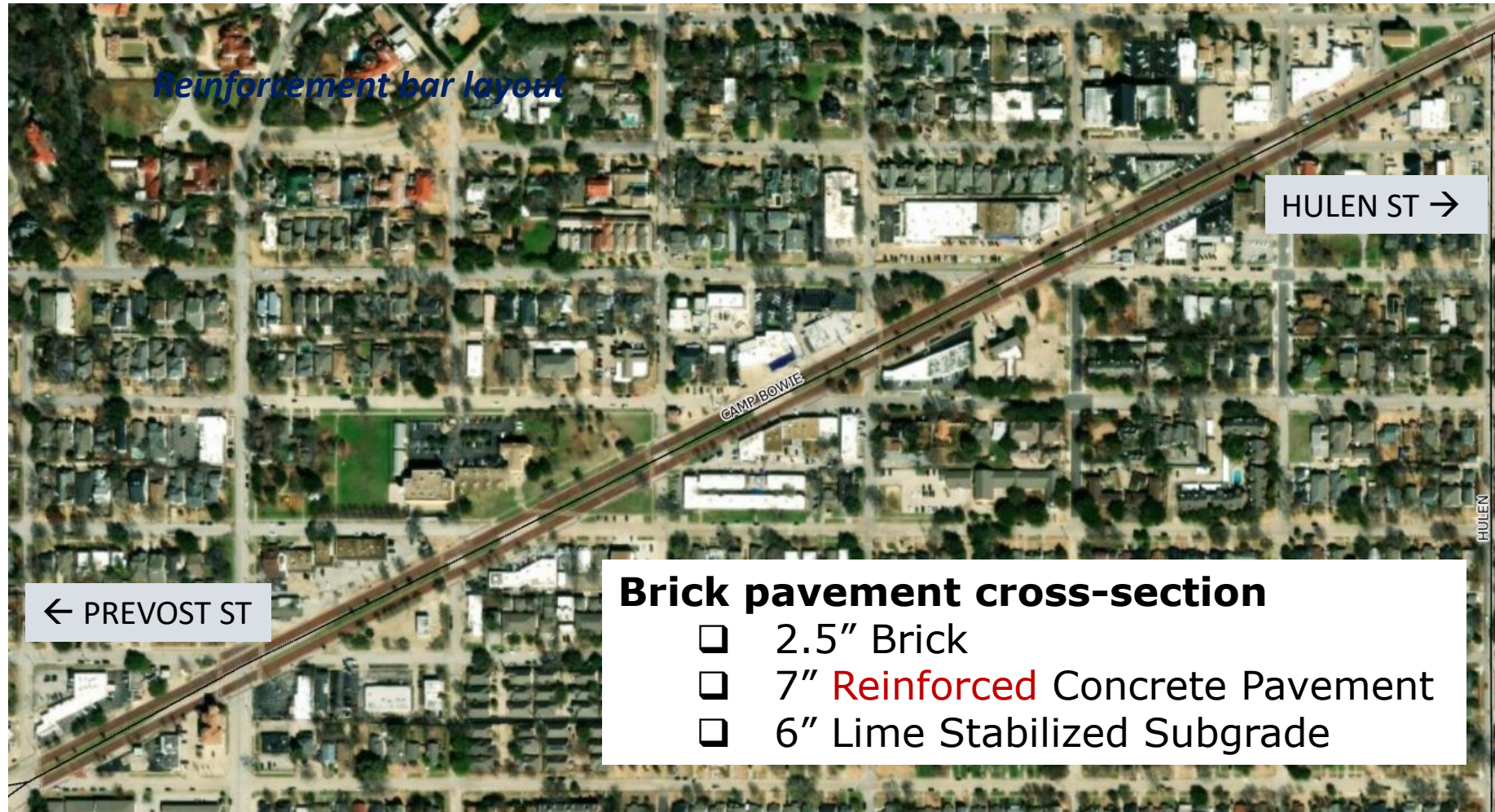
Streets with Brick Pavements

Street Name	Lane Miles
14th St	0.4
21st St	0.99
6th St	0.15
7th St	0.06
8th St	0.32
9th St	0.22
Broadway Ave	0.14
Calhoun St	0.16
Camp Bowie Blvd	9.59
Commerce St	0.42
Daggett Ave	0.33
Exchange Ave	0.89
Hulen St	0.02
Main St	2.53
Packers Ave	0.44
River Bend Blvd	2.15
Stella St	0.36
Thelin St	0.46
Total	19.63

Camp Bowie Brick Pavement Section → From Hulen St to Boland St



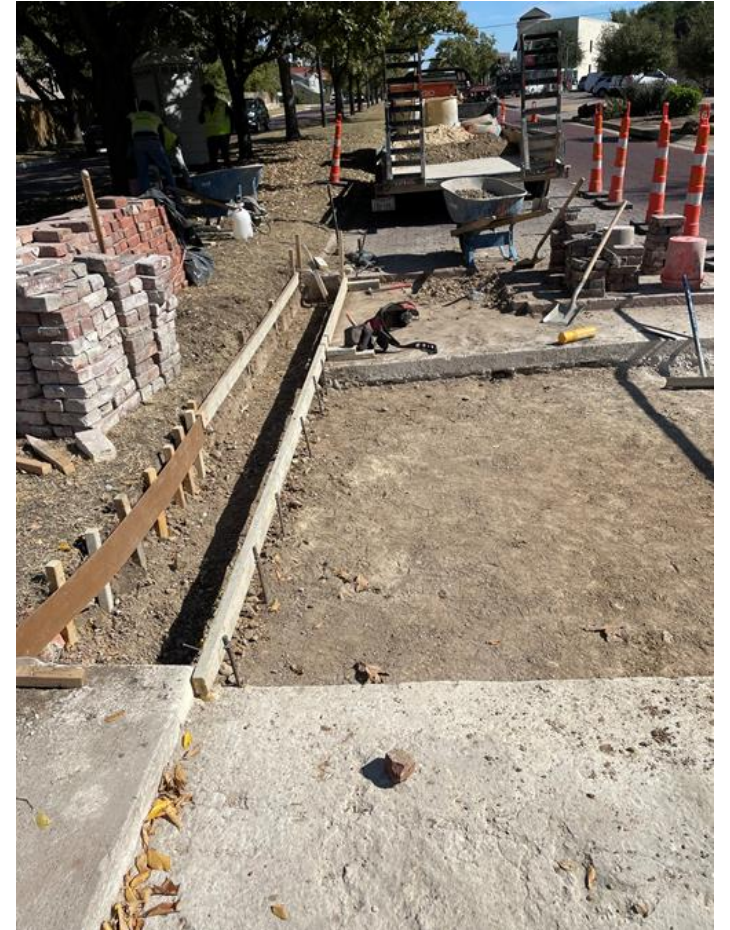
Camp Bowie Brick Pavement Section → From Prevost St to Hulen St



Primary Causes of Brick Pavement Failures

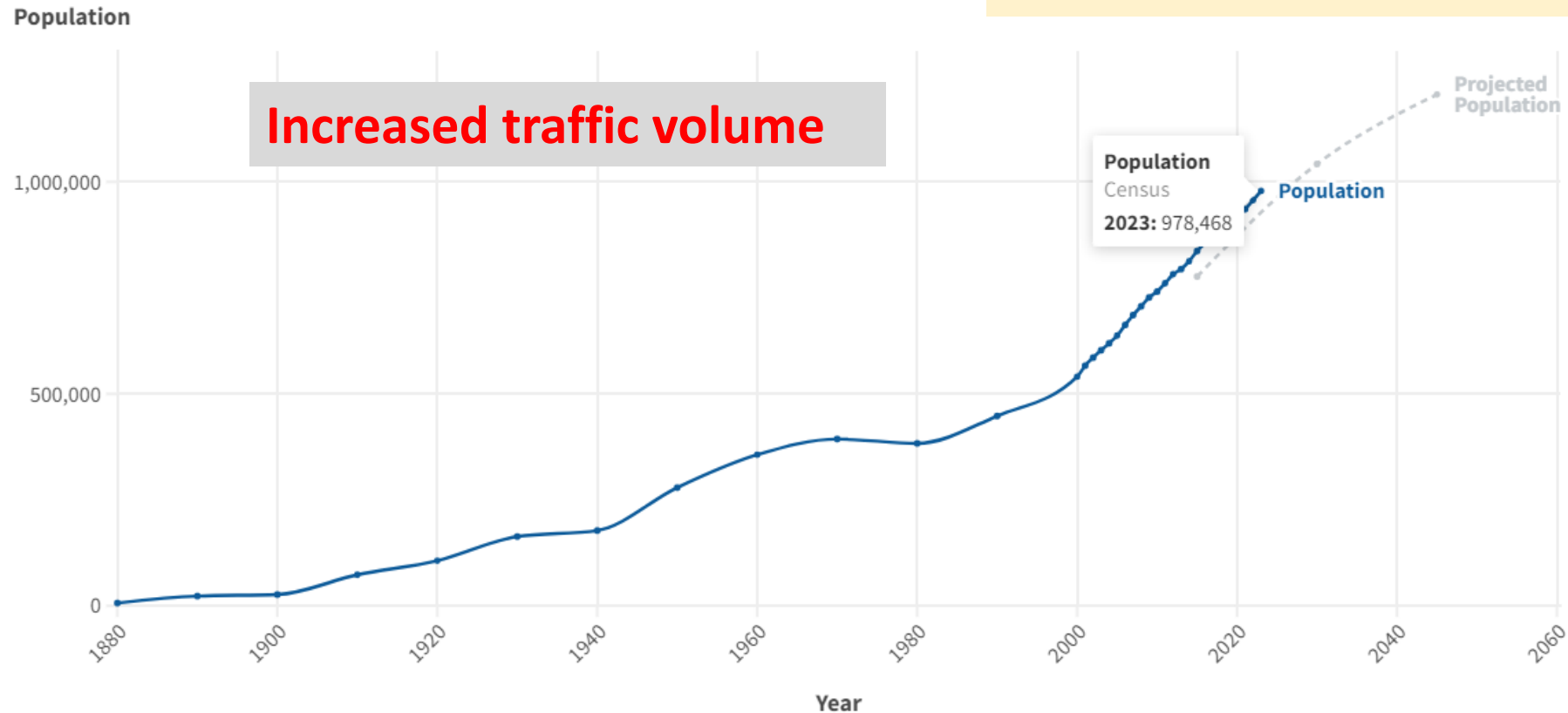
Brick Pavement Failure

- Three main reasons for brick pavement failures on Camp Bowie:
 1. Increased traffic volume
 2. Concrete base failure
 3. Deterioration of mortar (around bricks)



Brick Pavement Failure

Camp Bowie is a major arterial St. TxDOT projects a significant daily increase in traffic along the roadway by 2042. During the projected construction time of Interstate 30, we would expect to see a substantial traffic increase as well.



Source: US Census Bureau Population and Housing Unit Estimates, NCTCOG 2045 Demographic Forecast

Brick Pavement Failure

Concrete Base Failure



Brick Pavement Failure



Deterioration of mortar – the glue that holds the bricks together (mortar) deteriorates over time due to traffic action, concrete base failure, and other factors

Rehabilitation Process
Short-Term Plan

Proactive Response – City Field Ops (Weekend of 10/25/2024)

- The entire stretch of Camp Bowie was inspected the weekend of 10/25/2024, revealing deteriorated bricks between Montgomery and Hulen St.
- Street inspections were conducted at 8 a.m. and 5 p.m. on Saturday and Sunday.
 - Over 400 bricks were collected, and asphalt cold mix was applied in more than 40 locations

Repair Process:

Driving Inspection



Removal of Lost/Lose Bricks



Cleaning/ Preparing for Asphalt Patch



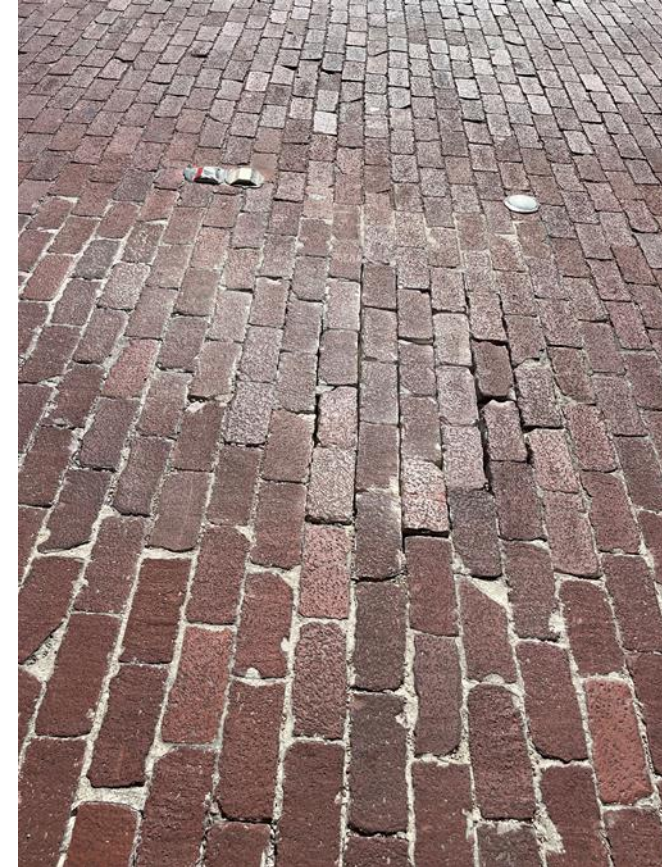
Place temporary cold patch asphalt /Make safe



Evaluate Existing Conditions



**Deteriorated Concrete
Base and Brick Pavement**



**Brick Pavement with
Deteriorated joints (mortar)**

Brick Pavement Repair



1. Identify Failed Area



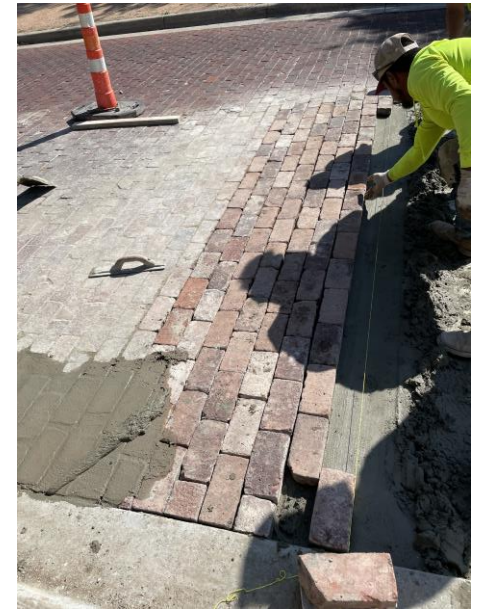
2. Remove brick and concrete



3. Install Rebar



4. Pour new concrete



5. Install bricks with mortar

Phase 1 - Rehabilitation Plan

Camp Bowie (Ashland Ave – Montgomery St)

Anticipated completion: September 2025



Phase 2 - Rehabilitation Plan

Camp Bowie (Hulen St – Ashland Ave)
Schedule: Start Construction
October 2025 – March 2026



Construction Information
Long-Term Plan

US 377 → TxDOT Grant Project (Candidate Project for 2026 Bond Program)– From Wellington Rd to Horne St



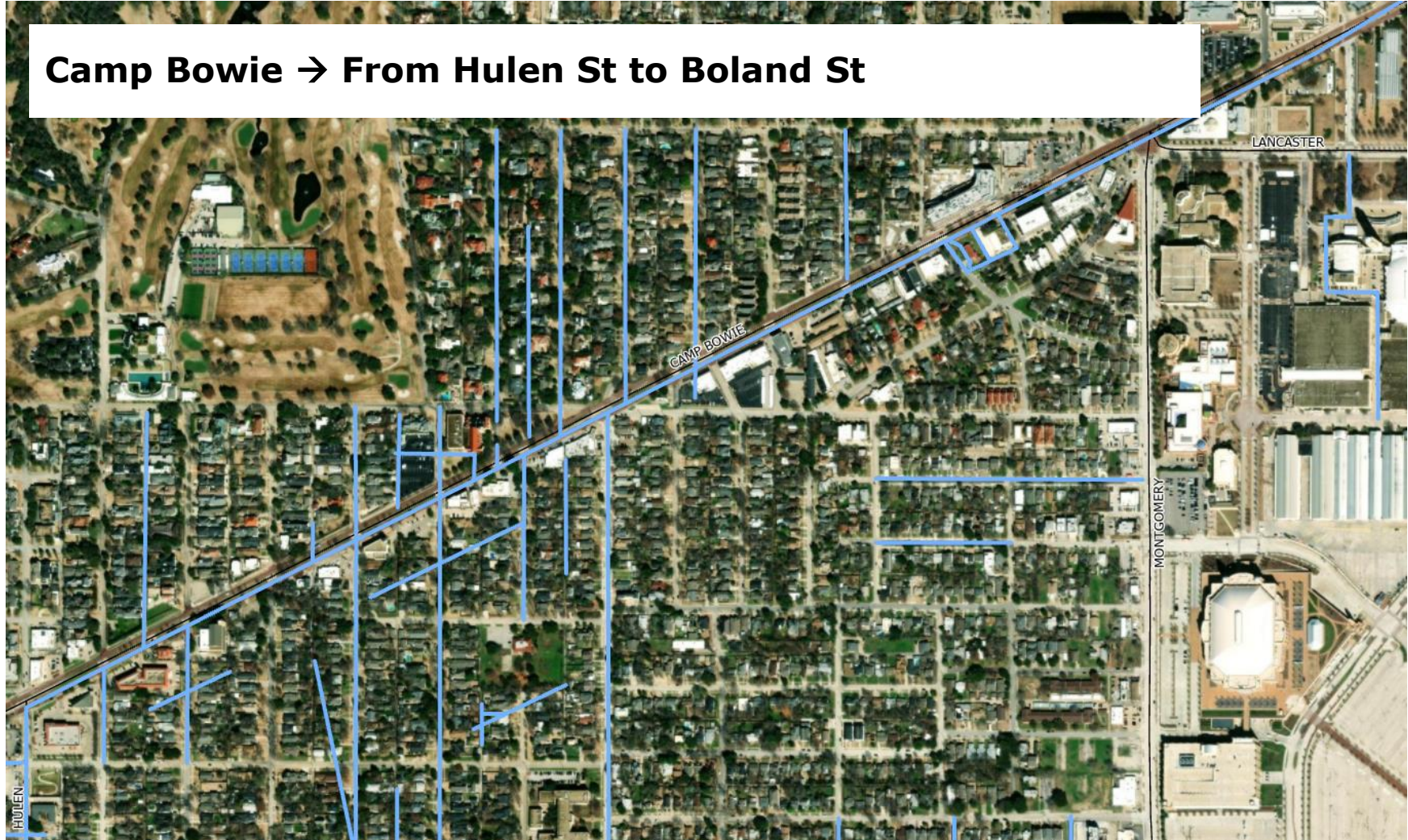
This project involves milling, removing bricks, rebuilding medians, and moving roadway lighting from the center medians to the outer sidewalks of Camp Bowie.

← WELLINGTON RD

HORNE ST →

Water Department Water & Sanitary Sewer Replacement Project

Camp Bowie → From Hulen St to Boland St



Contact Information

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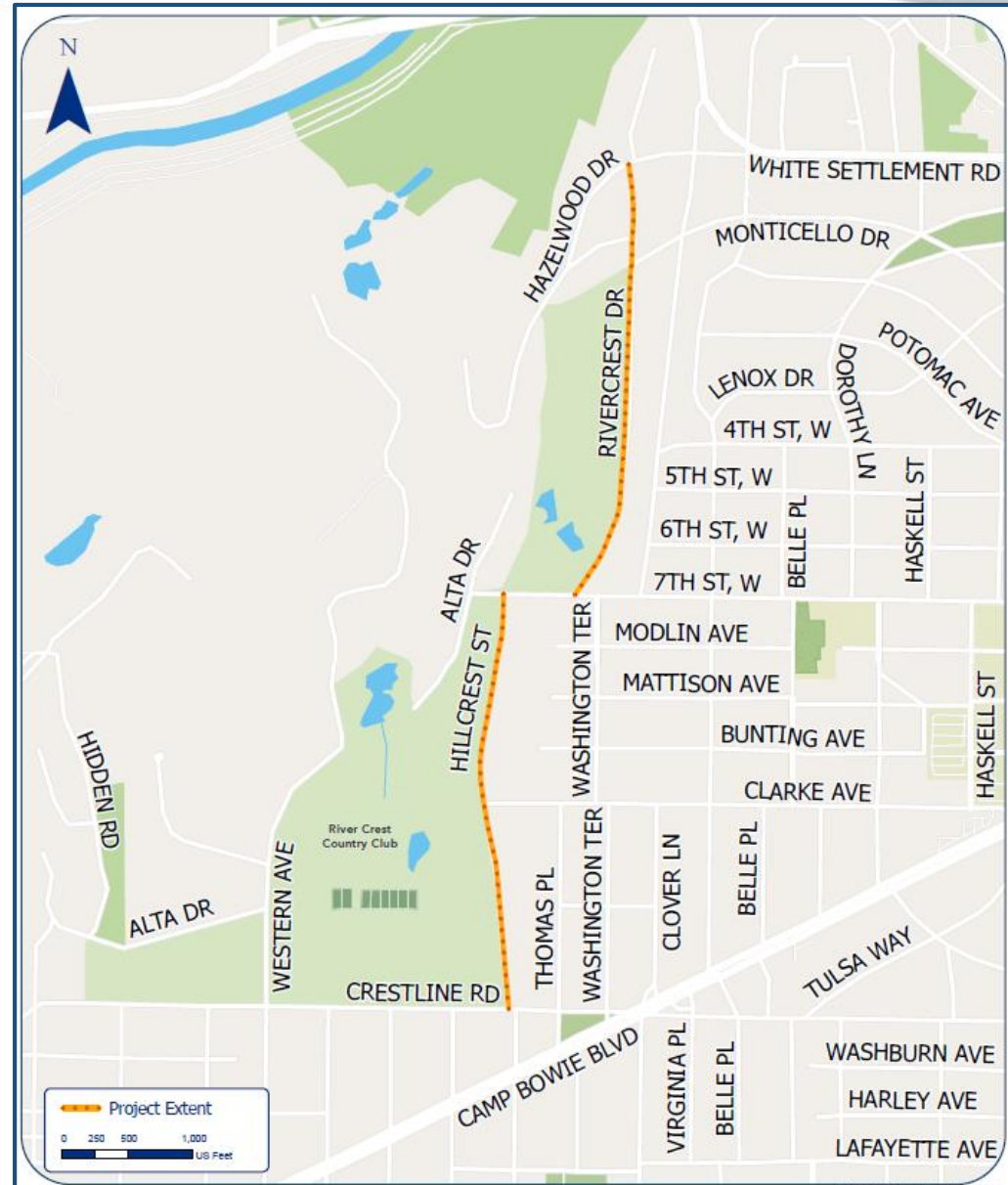


***Rivercrest/ Hillcrest Street Improvements
2025 Asphalt Resurfacing Contract 3
CPN 105639***

Project Limits

Rivercrest/Monticello Area

1. Hillcrest St (From Crestline Rd to W 7th St)
2. Rivercrest Dr (From W 7th St to Hazelwood Dr)



Existing Conditions



**Degraded Asphalt
Pavement**



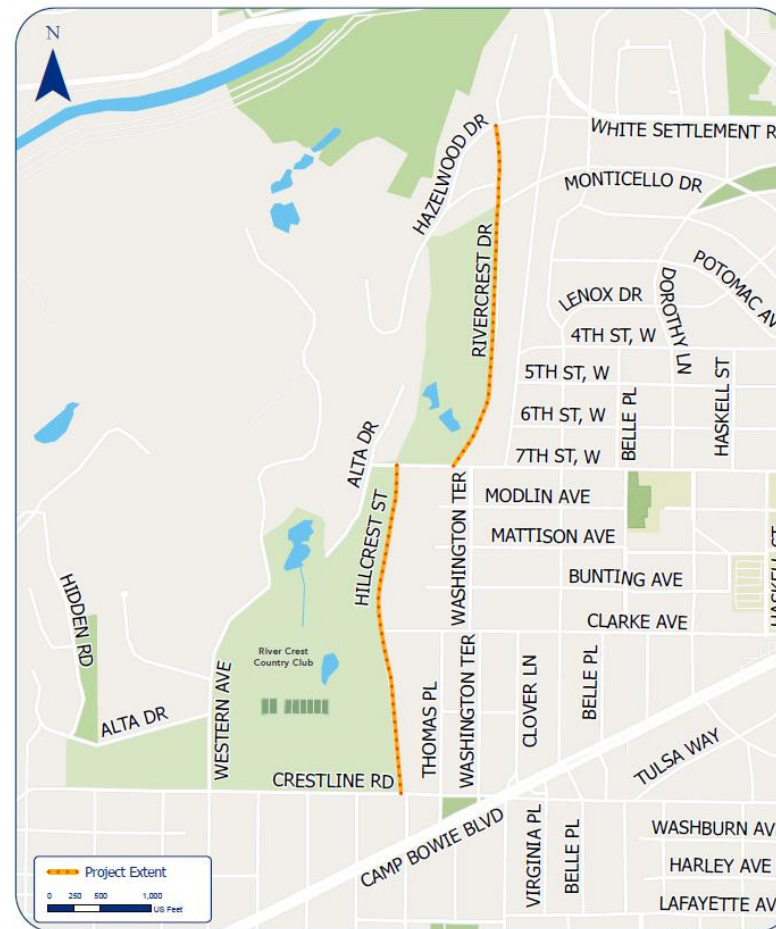
Damaged valley gutter



**Non Compliant
ADA Ramps**

Summary of Street Improvement

- ❖ Paving Improvements
 - ❖ New asphalt pavement between existing curbs
 - ❖ Damaged curb and gutter replacement
 - ❖ Damaged sidewalk and ramp driveway replacement



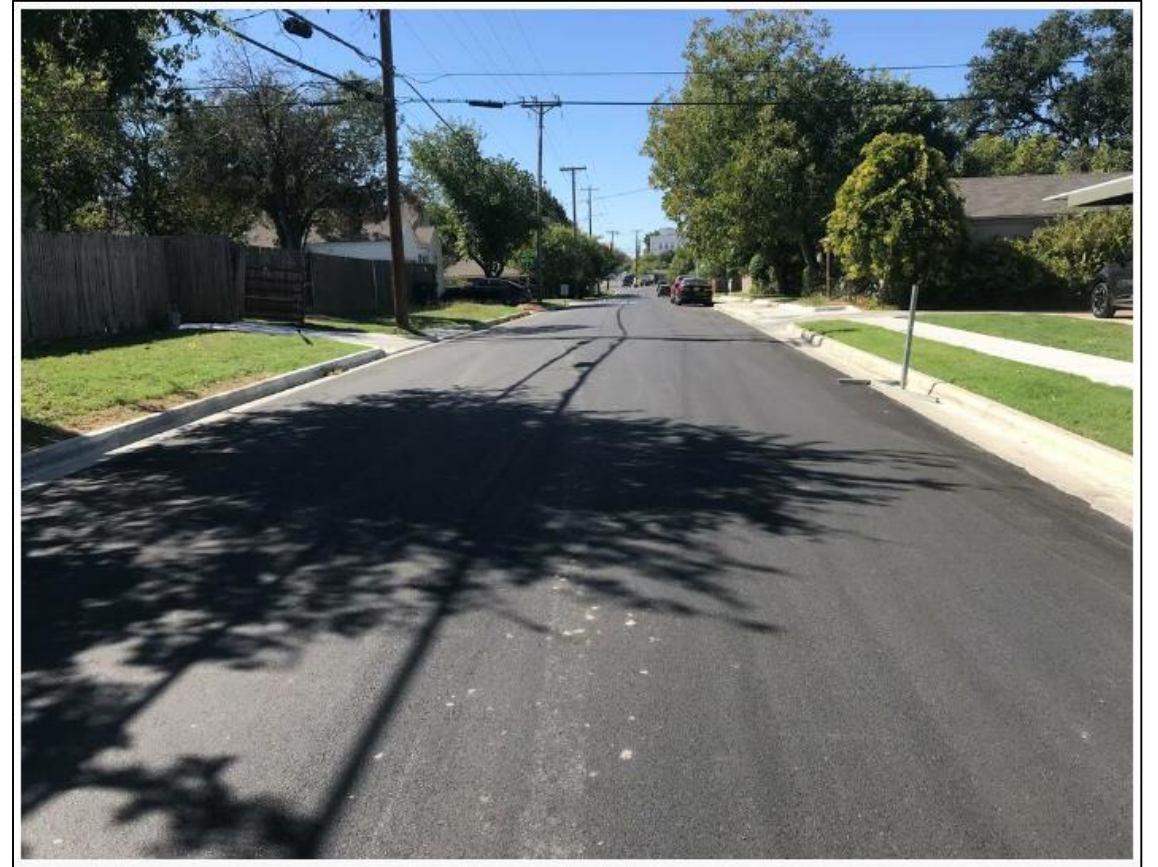
Construction Phasing and Schedule

Typical Asphalt Construction Process



Existing damaged curbs, sidewalks, and driveways are removed and replaced. Then, the existing asphalt will be broken down to treat the base and resurfaced with new asphalt.

Asphalt Street Improvements



**New Asphalt Pavement and Selective Concrete Curb
& Gutter Replacement**

Project Schedule

Anticipated Project Schedule

Event	Dates
Construction Start	January 20th, 2025
Concrete Flatwork	January 2025 – February 2025
Pulverization and stabilization	March 2025 (10 days)
Asphalt Paving	March 2025 (5 days)

How do I report an emergency or non-emergency?

Emergencies

Water main breaks, sewer backups - 24 hours a day
817-392-4477, [Select Option 1](#)

Water Call Center (non-emergency)

- 7 am to 7 pm Monday through Friday
- 817-392-4477
- Closed City holidays



Download the MyFW app from the App Store or Google Play. Fort Worth residents and visitors have a quick and easy way to report issues to the city.

After downloading the MyFW app, users can provide a brief description, photos and use a map-based location feature to submit issues like graffiti, potholes or high grass, sewer overflows, leaks and water main breaks, missing or broken meter lids, water theft, water violations, no water service, water pressure issues and other sewer concerns. Once submitted, the request will go directly to the appropriate city work team for a quick response. The user can view the status of the request in the app and receive a notification when the work is complete.

Contact Information

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Questions and Comments