

Little Walnut Creek – Jamestown Tributary Erosion and Drainage CIP No. 5848.026



Chapter 26 Application for Watershed Protection Staging and Storage within Parkland at Jamestown Neighborhood Park

**City Council Meeting
City Hall Chambers
August 28th**



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Agenda

- Project Summary
- Background
- Staging & Storage Evaluation
- Parkland Impacts
- Project Timeline
- QA



Project Summary

- Approximately 2,600 linear feet of creek stabilization and restoration, protecting 30 single-family properties and 3 large multi-family properties from erosion
- Replacement of undersized 6-ft by 6-ft box culverts at Fairfield Drive creek crossing with a 46-ft span bridge to reduce flood risk to drivers
- Over 1,900 linear feet of stormdrain and curb inlet improvements, to reduce flood risk to 11 single-family properties
- Approximately 1,450 linear feet of waterline improvements
- Approximately 900 linear feet of wastewater improvements
- Approximately 7,000 square yards pavement repairs

Downstream of Fairfield Drive:
Existing



Downstream of Fairfield Drive:
Proposed (Photosimulation)

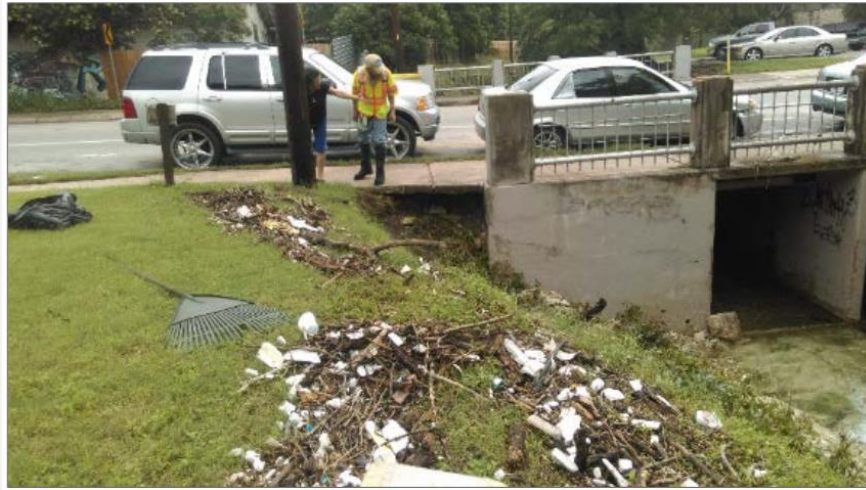


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Background

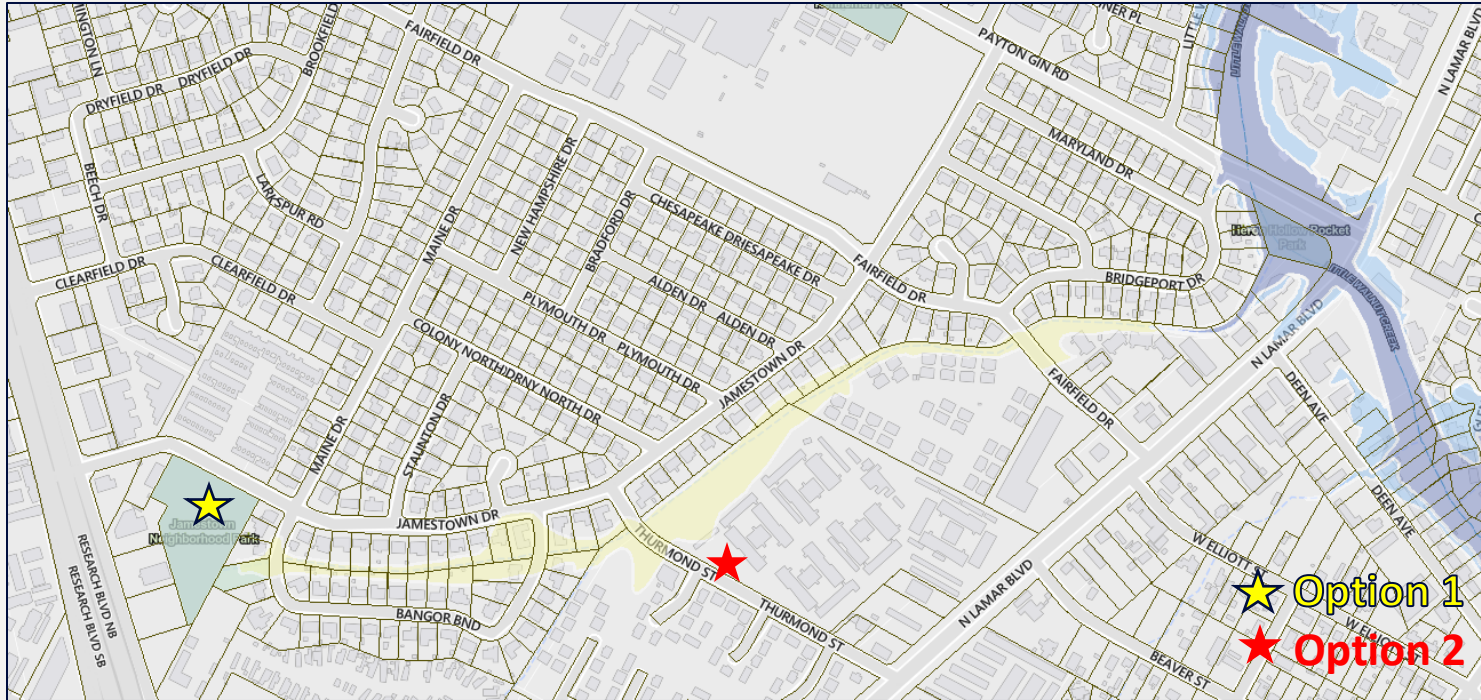
- Jamestown Tributary has over 19 active erosion sites due to eroding banks
- Erosion continues to threaten resources for both public and private infrastructure such as:
 - Multifamily Buildings & Parking lots
 - Yards, Fences
 - Culverts, Sidewalks
 - Utility poles, Pipes
- Known local flooding problems, including buildings and roadways
- Structures in the floodplain
- Roadways that cross creek flood frequently



File ID: 25-1621



Staging & Storage Evaluation



Option 1 (Yellow Star)

- Large Isolated Area
- Only City-owned land

Option 2 (Red Star)

- Heavy Use Residential Area
- Federal/HUD Restrictions



8323 Jamestown Drive, Aerial View



8323 Jamestown Drive, Streetview



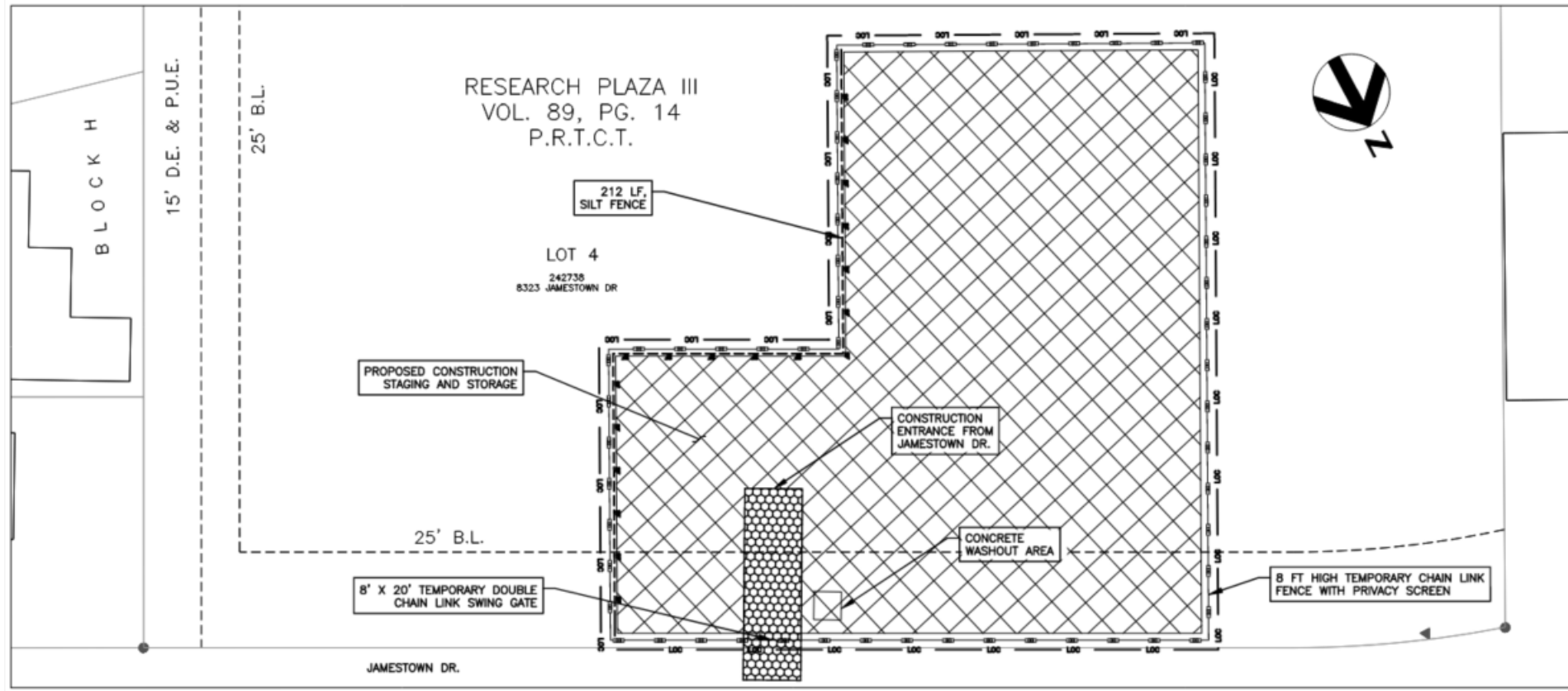
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8323 Jamestown Drive, Staging and Storage Area 20,800 square feet



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PROPOSED STORMDRAIN IMPROVEMENTS

- Improvements to three systems along Jamestown Drive – Systems B, D, E
- Addition of new outfall near Alden Drive – System C
- New system at Bangor Bend Drive – System A
- All improvements designed to accommodate future extension of the systems
- Local flood risk reduction for several properties along Jamestown Dr



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Minimizing Impacts to Parkland

- Protective fencing will be used to prevent damage to nearby trees and natural areas
- Contractor will follow a robust engineered design to prevent sediment and erosion
- All disturbed parkland will be restored and revegetated

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Project Timeline

- Design Phase Ends Spring 2025
- **Bid/Award Phase Summer 2025**
- Construction Phase Fall 2025
 - NTP Anticipated in September 2025
 - 570 Calendar Days



Chapter 26

Section 26.001. Protected Land; Notice of Taking.

- State entities cannot approve programs or projects that use or take public land designated for parks, recreation, scientific areas, wildlife refuges, or historic sites unless their authorized governing body or officer determines:
 - 1) There is no feasible and prudent alternative to the use or taking of such land
 - 2) The program or project includes all reasonable planning to minimize harm to the land, as a park, recreation area, scientific area, wildlife refuge, or historic site, resulting from the use or taking.

Austin Watershed Protection requests a recommendation to City Council for approval of 20,800 square feet for temporary storage and staging area for a period not to exceed a total of 570 calendar days on parkland located at Jamestown Neighborhood Park. Mitigation amount \$58,233



QUESTIONS + ANSWERS

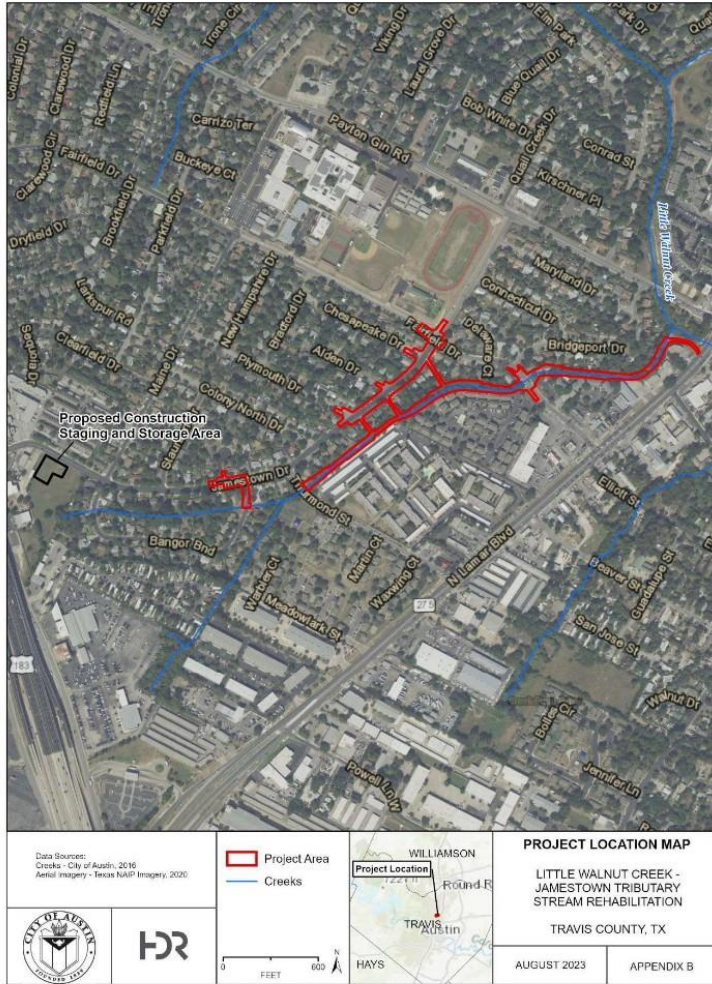
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Bid Set – Plans and Drawings

https://assets.austintexas.gov/financeonline/downloads/vc_files/IFB_6100_CLMC1114/IFB_6100_CLMC1114_PLANS_4_v1.pdf

Bid Set – Volume 1 Specifications

https://assets.austintexas.gov/financeonline/downloads/vc_files/IFB_6100_CLMC1114/IFB_6100_CLMC1114_BID_DOC_1_v1.pdf



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PEOPLE

One **CITY**
One **TEAM**
One **APPROACH**

PARTNERS

PROCESS

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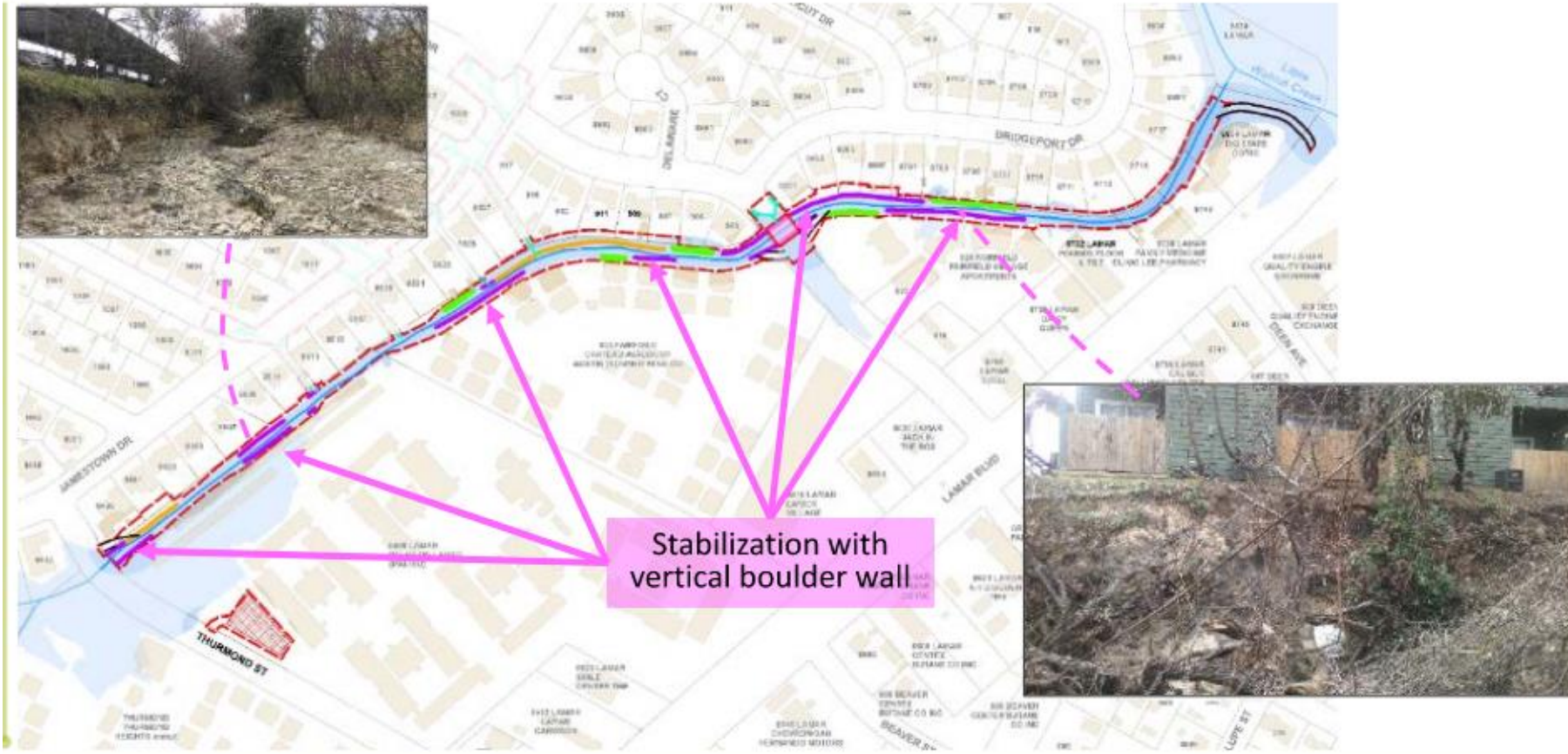
PERFORMANCE



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PROPOSED PROJECT ELEMENTS: CHANNEL STABILIZATION



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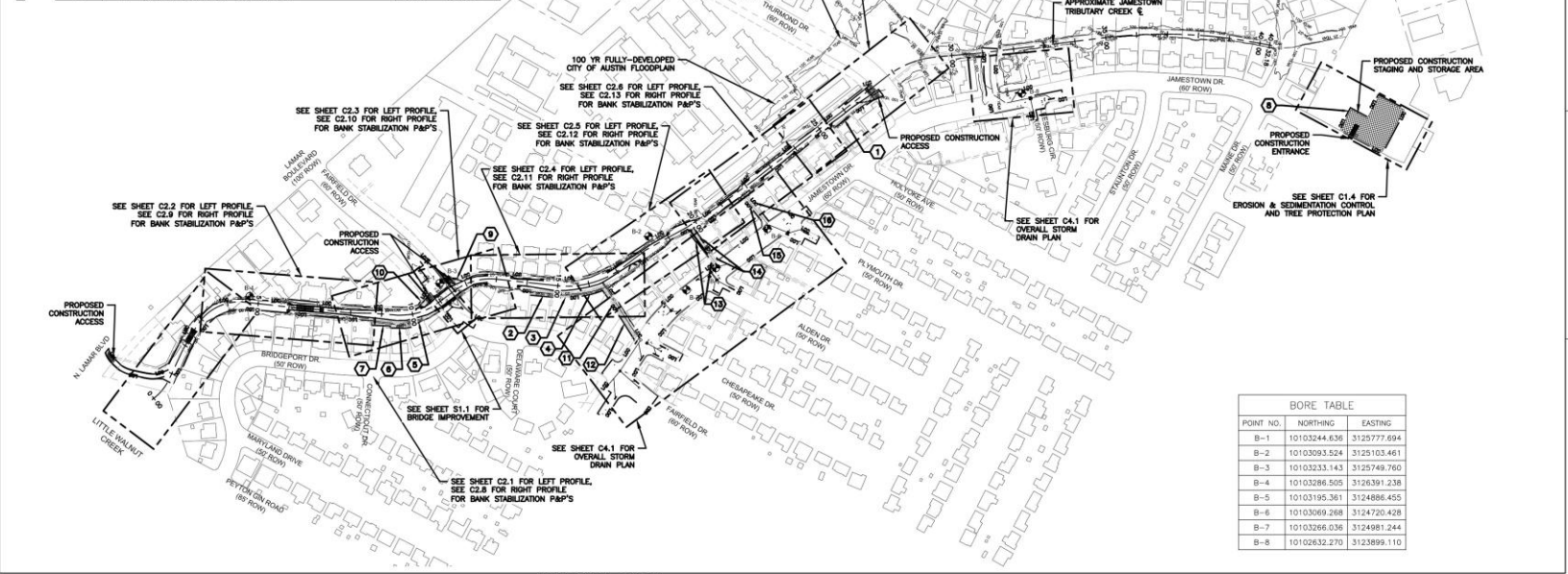
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Permanent Drainage Easements					
ID Number	Lot Number	Address	Property Owner (2024 TCAD)	TCAD RefID	Doc.#
Block F - Colony North Section 1					
1	4	8501 JAMESTOWN DR	HUTCHINSON EMILY KARLER	241698	4918.02
Block E - Jamestown Section 1					
2	4	909 FAIRFIELD DR	CAVAZOS CESAR & DEBORAH MCMURREY	242871	4918.05
3	5	911 FAIRFIELD DR	SELF CHARLES M II & JERRY T HARRISON	242870	4918.04
4	6	913 FAIRFIELD DR	GUTIERREZ MARIO MARCOS	242869	4918.03
11	7	915 FAIRFIELD DR	RENTERIA ZENON & LETICIA RENTE	242868	4918.22
12	8	917 FAIRFIELD DR	ANGEL MIRANDA & MIGUEL RAMIREZ	242867	4918.23
Block E - Jamestown Section 2					
13	13	8519 JAMESTOWN DR	8519 JAMESTOWN LLC	242874	4918.21
14	14	8517 JAMESTOWN DR	LAND FALL LLC	242873	4918.20
15	16	8513 JAMESTOWN DR	REA HERNANDEZ DANIEL	242881	4918.19
16	17	8511 JAMESTOWN DR	NATANAEL & JESUS PEREZ	242880	4918.18
Block D - Jamestown Section 1					
5	2	8603 BRIDGEPORT DR	CHAVEZ EDUARDO	241701	4918.09
6	3	8605 BRIDGEPORT DR	BOLDUO OLIVER	241702	4918.10
7	4	8607 BRIDGEPORT DR	BUCKNER WENDELL R TRUST	241703	4918.11

Temporary Construction Easements					
	Lot Number	Address	Property Owner (2024 TCAD)	TCAD RefID	Doc.#
			Research Plaza III		
8	4	8323 JAMESTOWN DR	CITY OF AUSTIN	242738	5276.01
			Jamestown Section 4		
9	1	833 FAIRFIELD DR	SBV AUSTIN I LLC	818155	4918.16
			Block 2 - Resub No 3 Jamestown Section 4		
10	28	824 FAIRFIELD DR	FAIRFIELD ON LAMAR LLC	241775	4918.17
			Block E - Jamestown Section 2		
13	13	8519 JAMESTOWN DR	8519 JAMESTOWN LLC	242874	4918.21
14	14	8517 JAMESTOWN DR	LAND FALL LLC	242873	4918.20

KEYED NOTES:

	Lot Number	Address	Property Owner (2016 TCAD)	TCAD RefID	Doc.#
8	4	8323 JAMESTOWN DR	CITY OF AUSTIN	242738	5276.01



BORE TABLE		
POINT NO.	NORTHING	EASTING
B-1	10103244.636	3125777.694
B-2	10103093.524	3125103.461
B-3	10103233.143	3125749.760
B-4	10103286.505	3126391.238
B-5	10103195.361	3124886.455
B-6	10103069.268	3124720.428
B-7	10103266.036	3124981.244
B-8	10102632.270	3123899.110



TPBELS Firm
Registration No. F-754

ISSUE	DATE	DESCRIPTION

PROJECT MANAGER	E. STEWART
DESIGNED BY	E. STEWART
DRAWN BY	N. GARZA
CHECKED BY	C. PARKER
DATE	
PROJECT NUMBER	10047341



LITTLE WALNUT CREEK -
JAMESTOWN TRIBUTARY
STREAM REHABILITATION
Austin, Texas

OVERALL SITE PLAN -
CHANNEL AND STORM DRAIN WORK

0 1" 2"
SCALE: N.T.S.

FILENAME: G1.4.DWG
SHEET: G1.4

4 of 101

File ID: 25-1621



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