



City of Abilene

Parks and Recreation Board Agenda

Notice is hereby given of a meeting of the Parks and Recreation Board of City of Abilene to be held on March 19, 2024 at 8:30AM at City Hall, 555 Walnut Street, Council Chambers, Abilene, Texas, for the purpose of considering the following agenda items.

CALL TO ORDER

INVOCATION

PUBLIC COMMENTS

Public Comments on Any Item on the Agenda

MINUTES

1. Minutes (Discussion and Action)

AGENDA ITEMS

2. Rose Park Stormwater Project (Discussion, Public Hearing and Possible Action)
3. Parks Report (Discussion)
 - Sears Basketball Court Project
 - Valentine Park Pavilion
 - Winter Crew Labor
 - Lake Fort Phantom Hill Master Plan - Public Input Meeting
4. Recreation Report (Discussion)
 - Easter Egg Hunt
 - Kite Fest
5. Seniors Report (Discussion)
 - Big Egg Bingo
 - Arm Chair Travel
 - Cornhole Tournament
6. Zoo Report (Discussion)

- Animal Updates
- Zoo Upgrades
- Zoobilation Gala

ADJOURNMENT

Notice

In compliance with the Americans with Disabilities Act, the City of Abilene will provide for reasonable accommodations for persons attending meetings. To better serve you, requests should be received forty-eight (48) hours prior to scheduled meetings. Please contact the City Secretary's Office at 325-676-6208. Telecommunication device for the deaf is 325-676-6360.

CERTIFICATION

I hereby certify the above meeting notice was posted on the bulletin board at the City Hall of the City of Abilene, Texas, on the 15th day of March, 2024 at 8:15 a.m.

*Kaitlin Richardson, Deputy City
Secretary, TRMC*

Catclaw Creek Between S7th & S11th St. Drainage Improvements

Public Meeting
December 5, 2023



Speaker: Srinivas Valavala



- City of Abilene Stormwater Services Manager
- City Hall, 555 Walnut Street
- Office Ph. No: 325.676.6280
- srini.valavala@abilenetx.gov



Public Meeting Agenda

- Welcome, Sign In & Introductions
- Project Background
- Problem & Existing Conditions
- Solution, Recommendation & Benefits
- Preliminary Plans
- Exhibits, Easements & Permits
- Funding, Grants & Schedule
- Public Input & Comment Cards
- Adjourn



Project Team



City Management
Srini Valavala



BJ Prichard

Parkhill

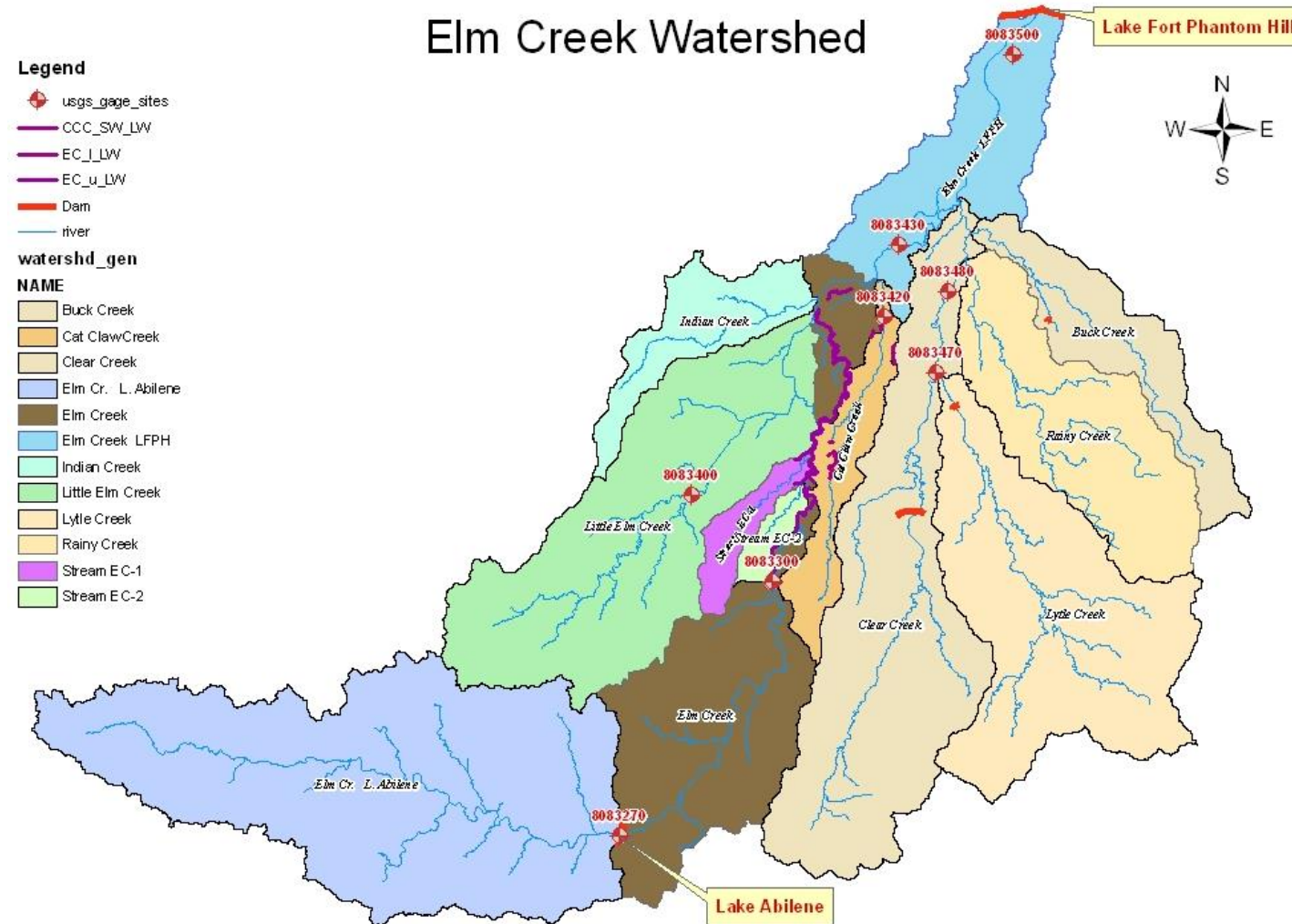
Rene Hawkle
Amber Sanchez

Project Background



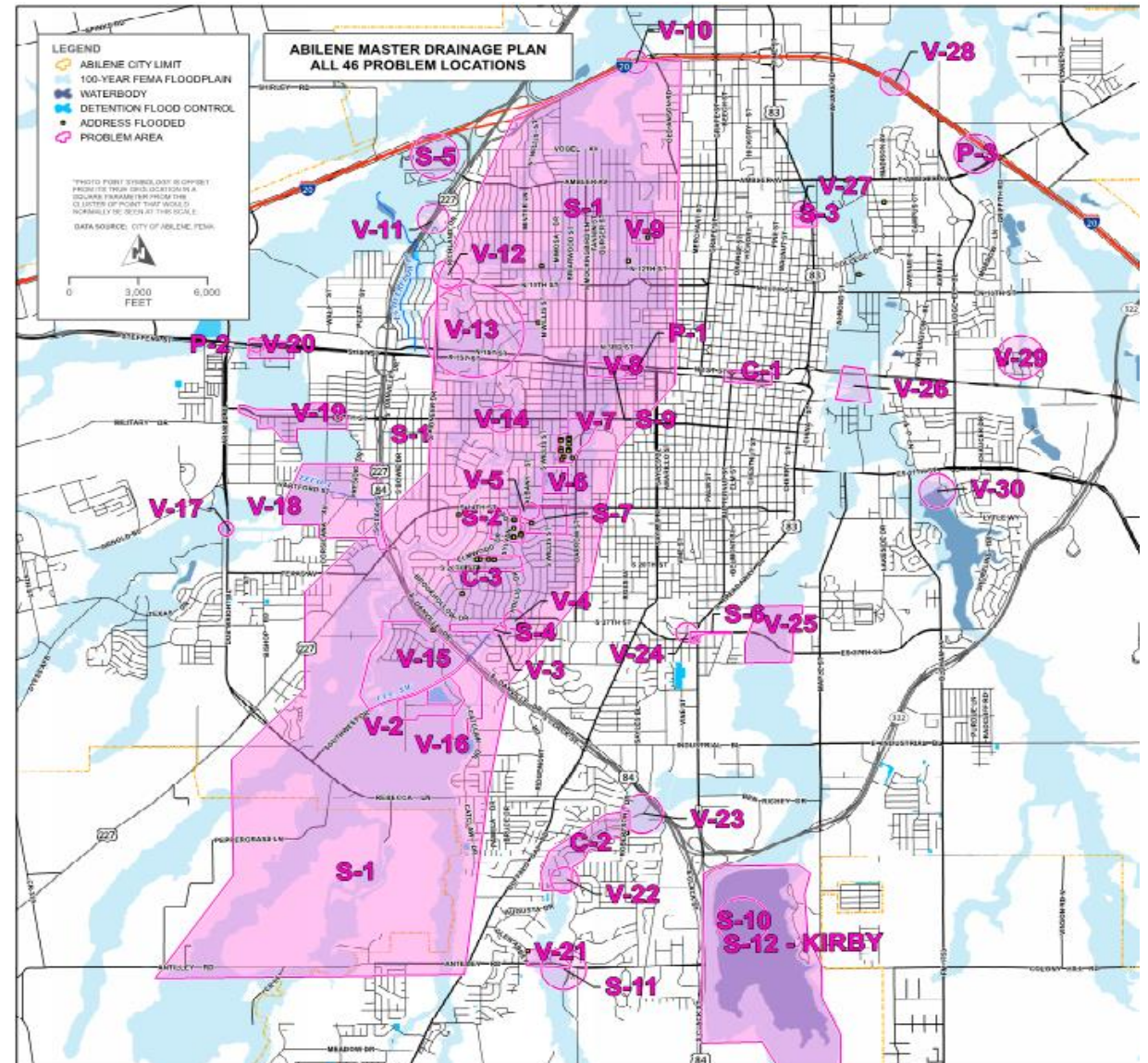
Drainage in Abilene

- Creeks Flow From South to North Through the City



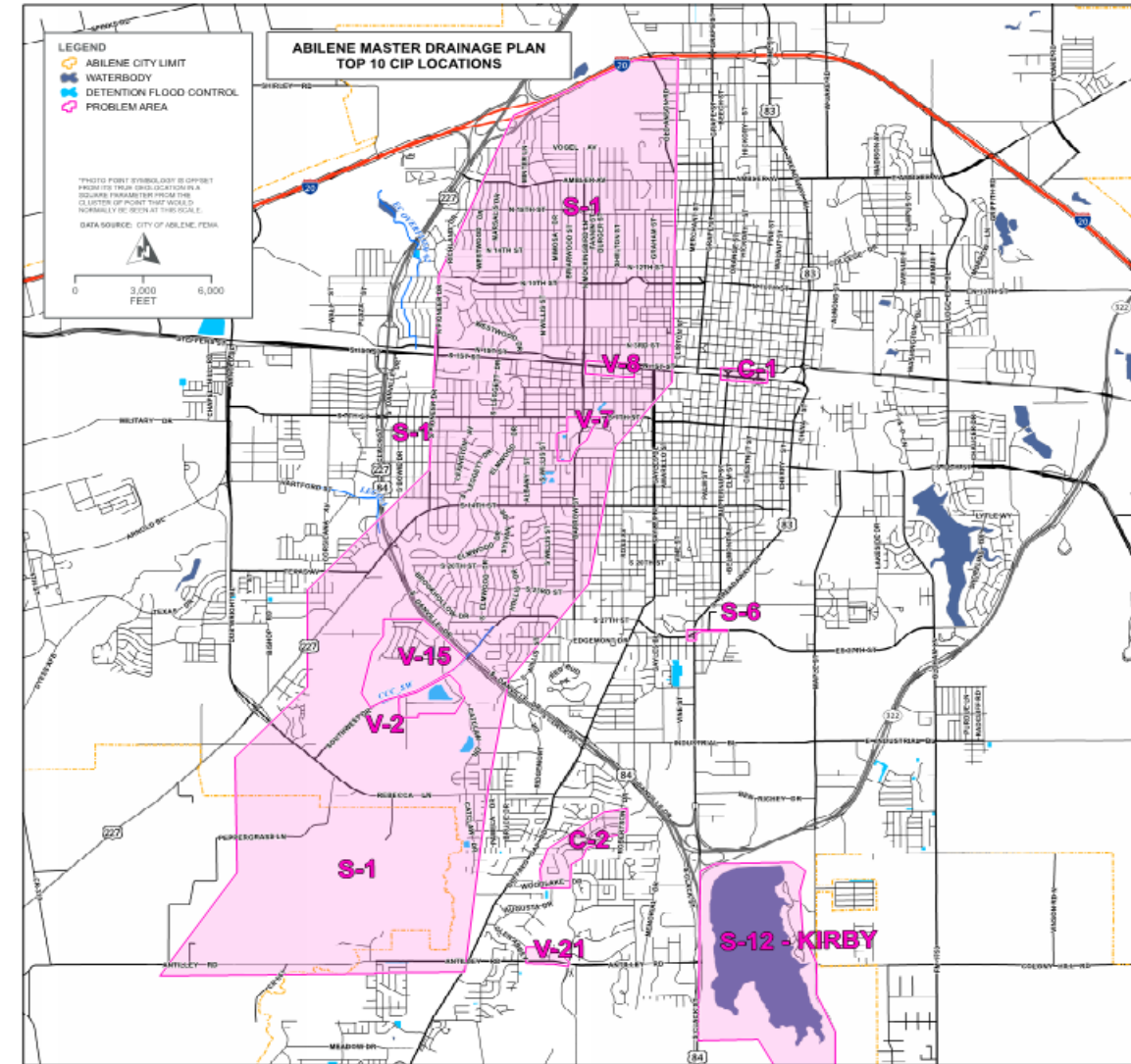
Abilene Master Drainage Plan (AMDP)

- Started in FY 2017
- Stakeholder Meetings
- 46 Locations
- Watershed Problems
 - 9 Elm Creek
 - 15 Catclaw Creek
 - 5 Little Elm Creek
 - 13 Cedar Creek
 - 2 Rainey Creek
 - 1 Lytle Creek
 - 1 Elm & Cedar



Abilene Master Drainage Plan (AMDP)

- Final Report January 30, 2020
- City Council Approved
- Top 9 Drainage Projects
 - Catclaw Watershed – 3 Projects
- 25-yr Implementation
- Started in FY 22



Abilene Master Drainage Plan

Priority	No.	Description	City Cost
2	V-7	Catclaw Creek from S 11 th to S 7 th	\$1,050,000
3	S-12	Operations of Lake Abilene / Lake Kirby	\$150,000
4	V-19	Little Elm Creek at S 7 th St	\$5,533,000
5	C-2	Buttonwillow Creek Crossing	\$1,384,787
6	V-15	Elm Creek Detention below Southwest Drive	\$6,868,658
7	S-6	Treadaway and S 27 th Street	\$909,482
8	C-1	Downtown Railroad Underpasses	\$546,489
9	V-21	Buttonwillow Upstream Detention	\$3,542,175
10	V-2	Improve Curry Lane Detention Pond (+V-16)	\$4,748,000
Subtotal - Stormwater Utility CIP Projects			\$24,732,591

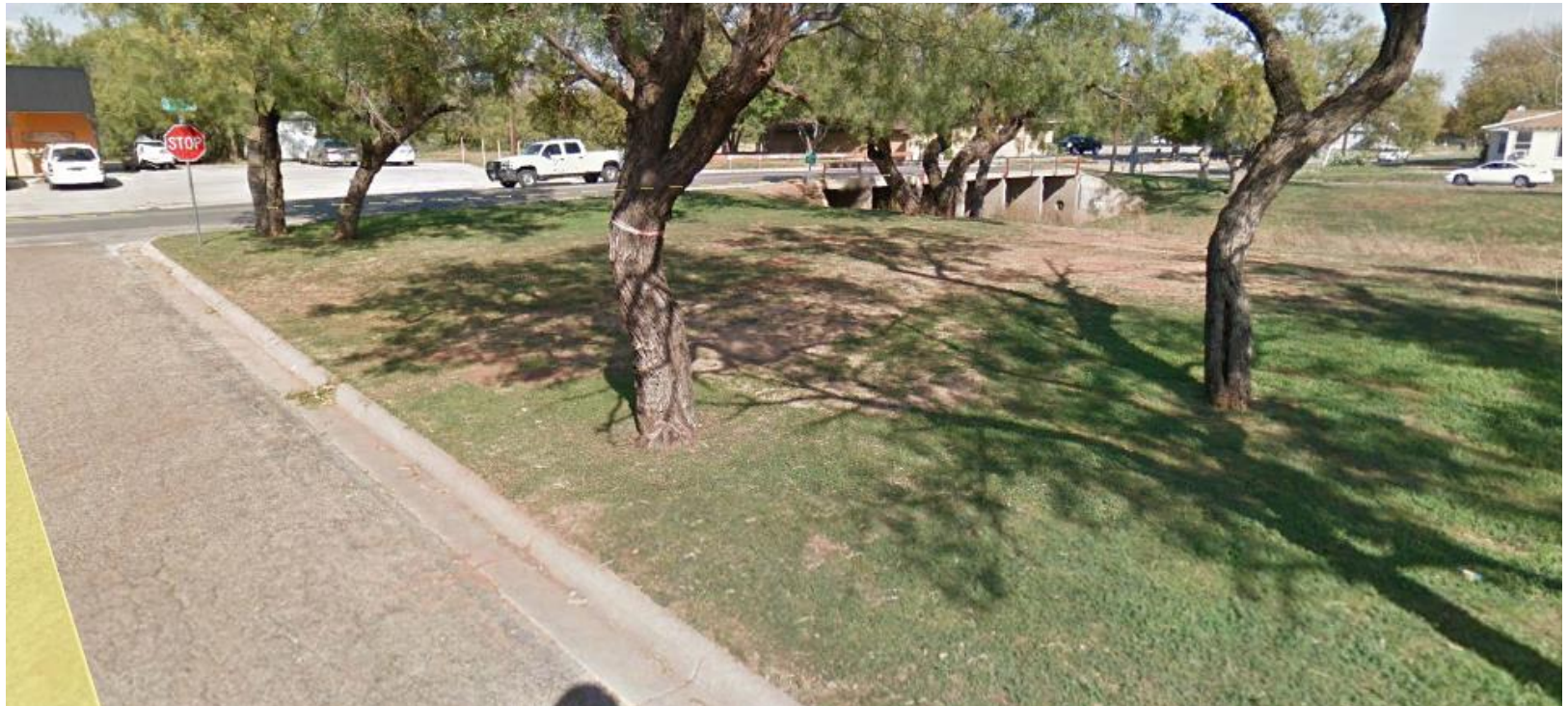


Problem & Existing Conditions

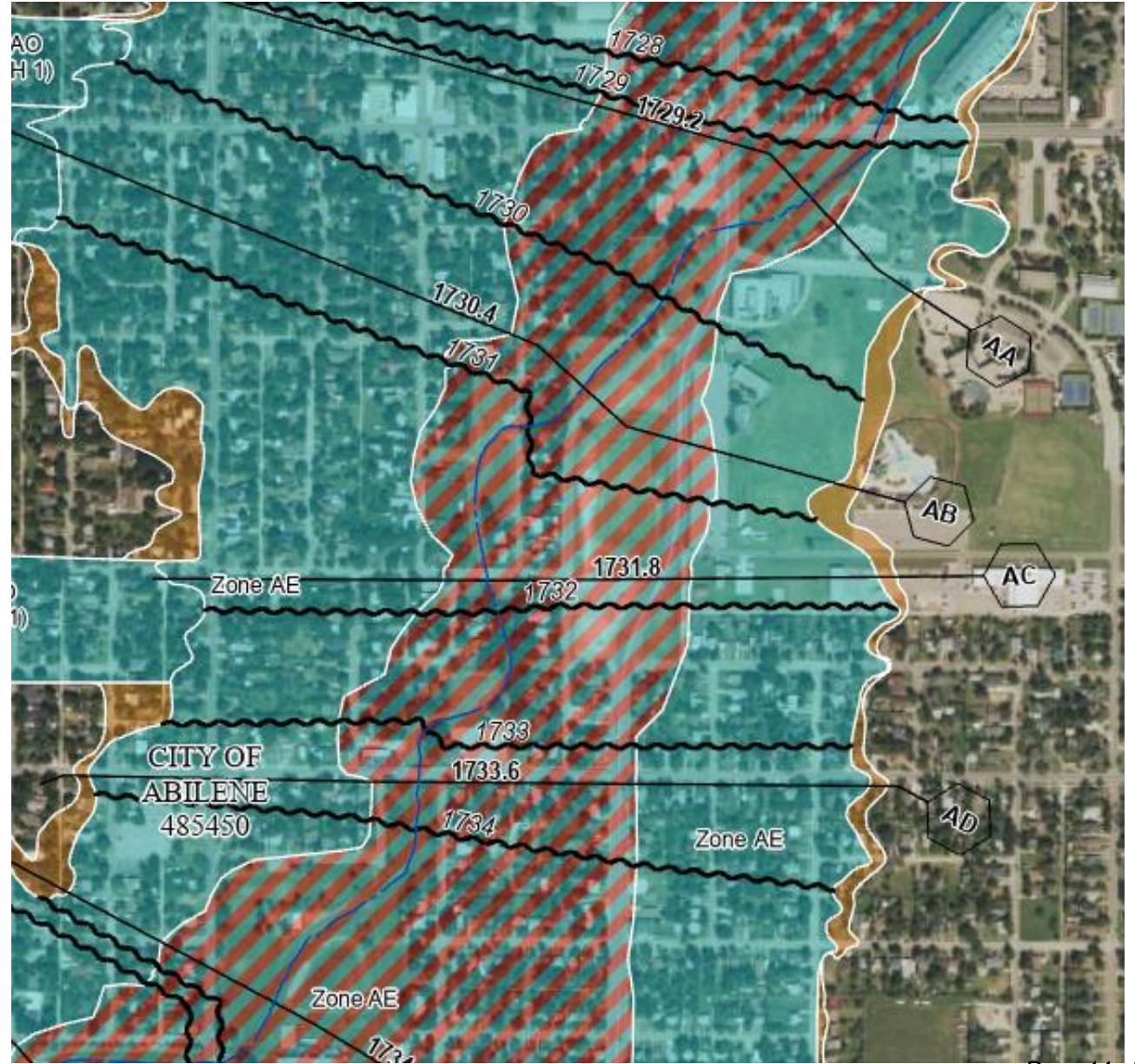


Problem V7: Catclaw Creek Causes Flooding

- Developed and urbanized, Elm Creek 100-yr Floodplain mixes with Catclaw Creek, very wide floodplain
- Culvert on S. 11th St bridge is narrow and is a choke point
- Homes along Barrow St. and S. 11th St are flooded (low lying)
- Low water crossing at Sammons Street



Existing Conditions and Flood Map

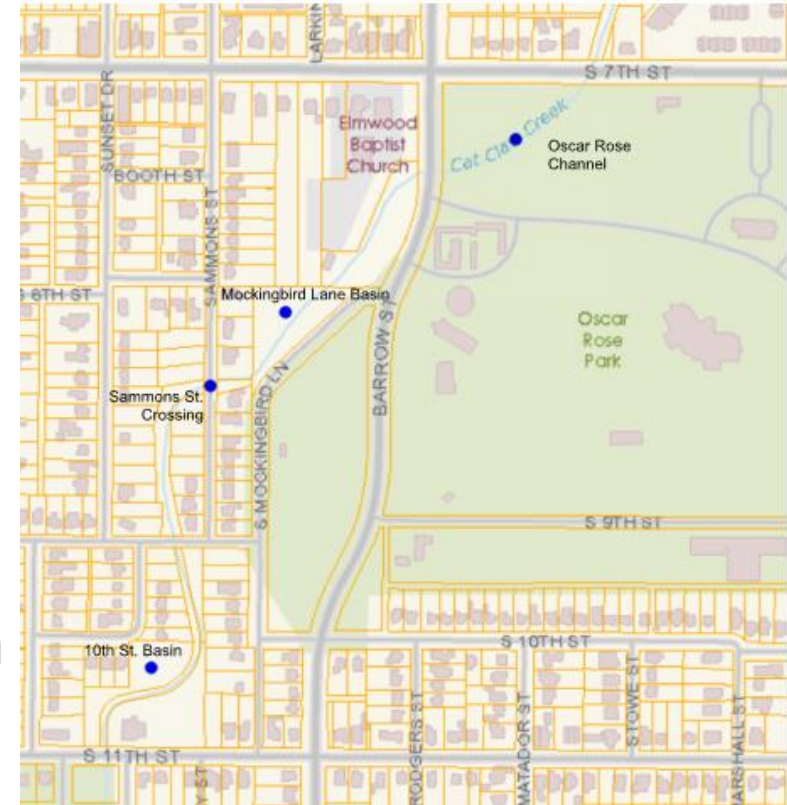


Solutions & Recommendations

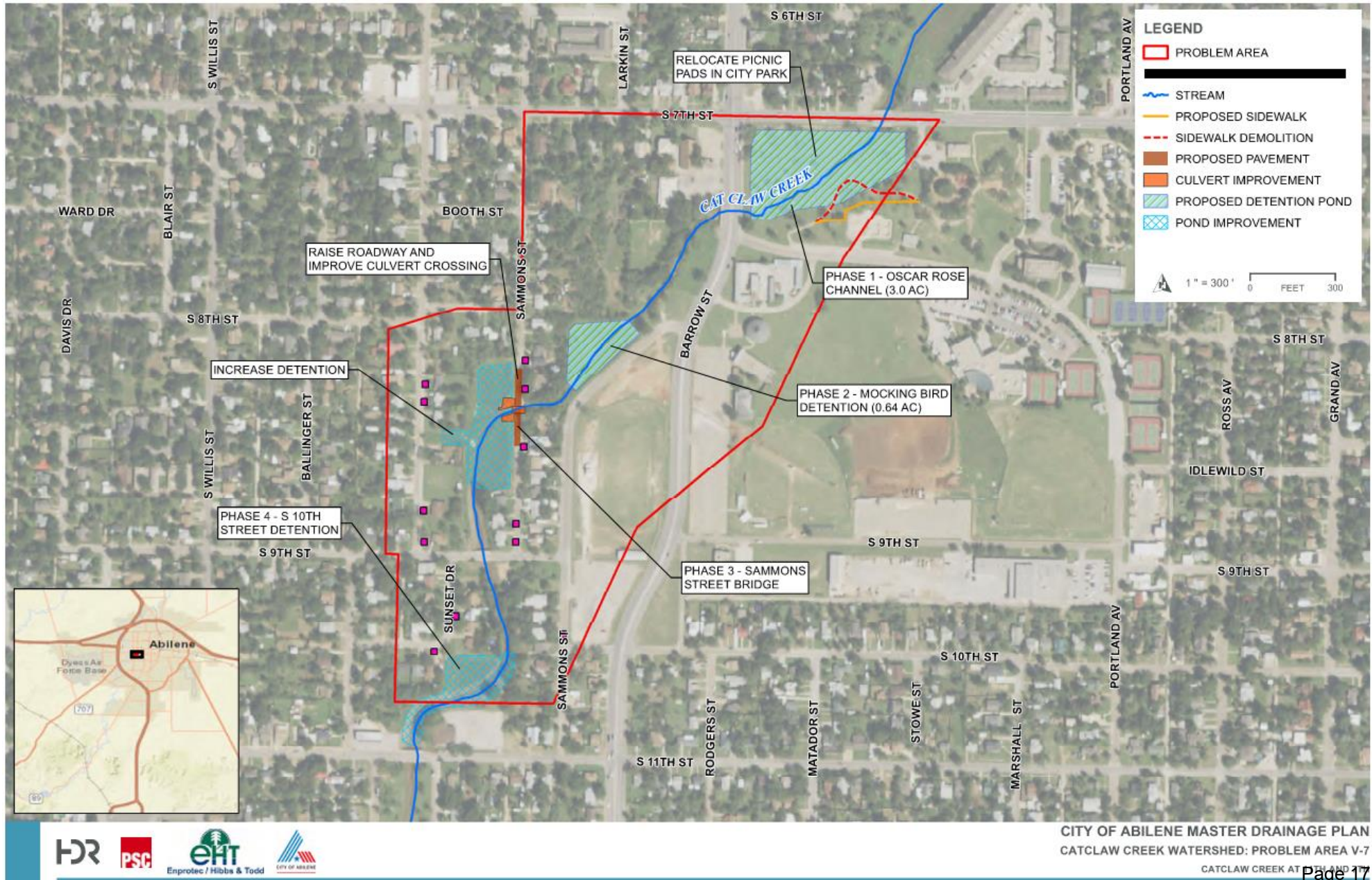


Solution V7: Catclaw Creek Flooding

- Project Discovery
- Four Elements/Phases Considered:
 - Oscar Rose Park Channel
 - Mockingbird Detention
 - Sammons Street Bridge
 - S. 10th St Detention
- Utilize City owned land near the creek
- Create additional storage along the creek
- EHT & Parkhill hired in Sept 2022 for design
- Surveys performed end of 2022
 - Notice sent to residents and property owners
- Design drawings 35% complete



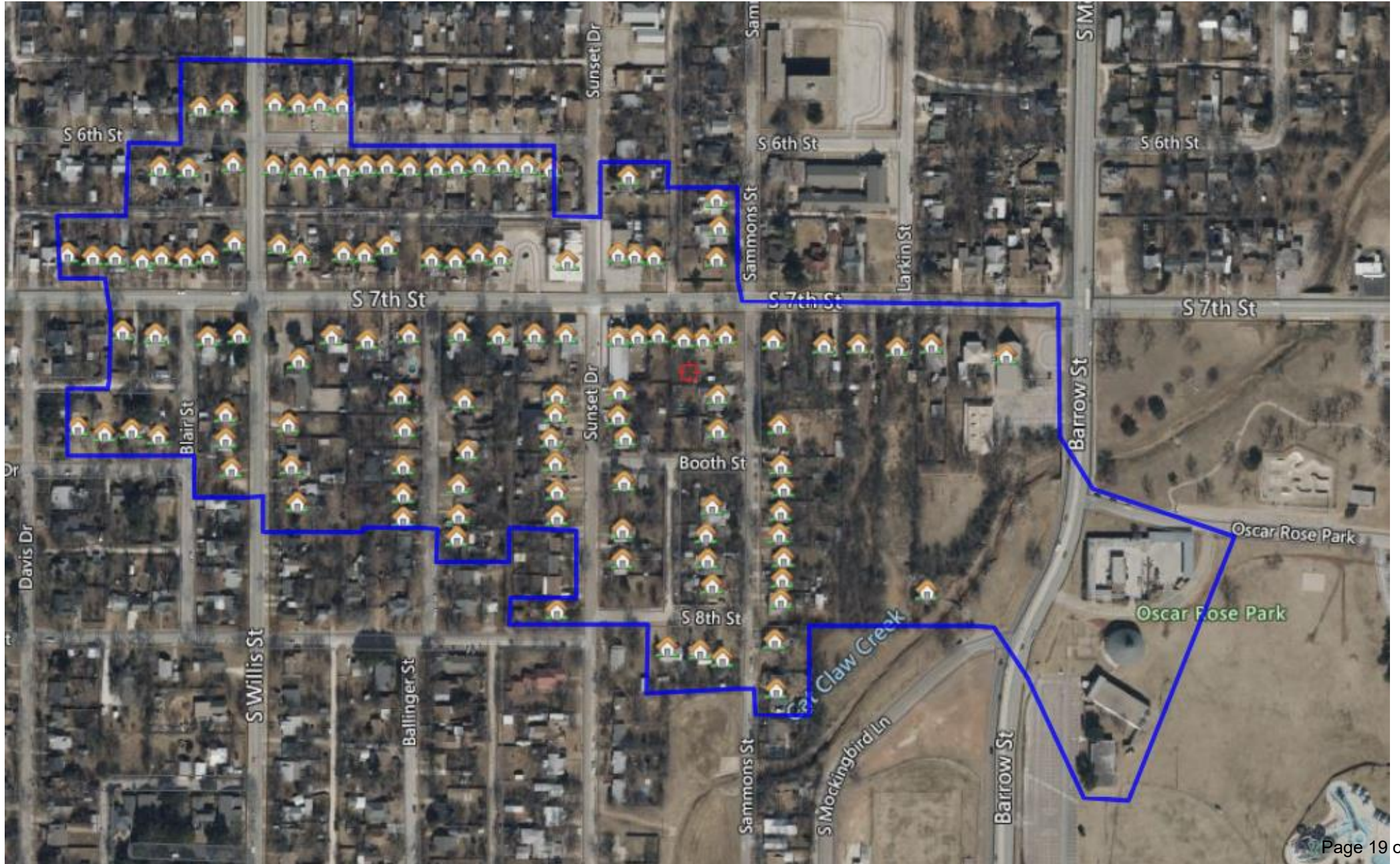
Response: Excavate in City-owned land near the creek



Benefits

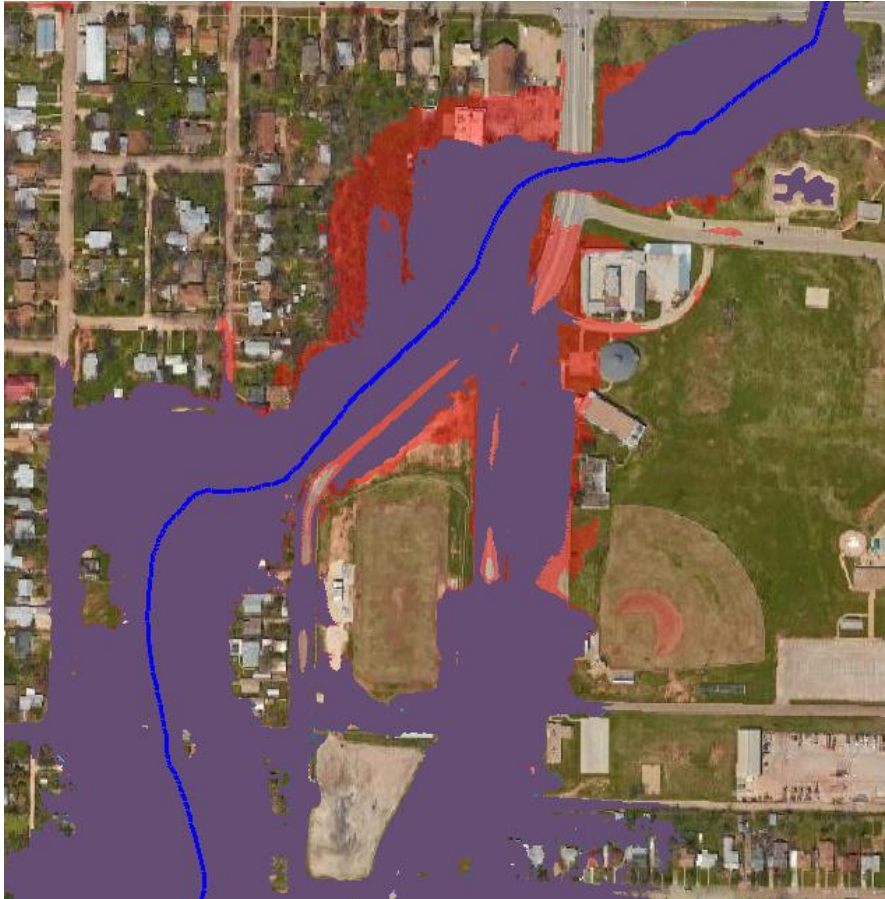


Project Benefit Area

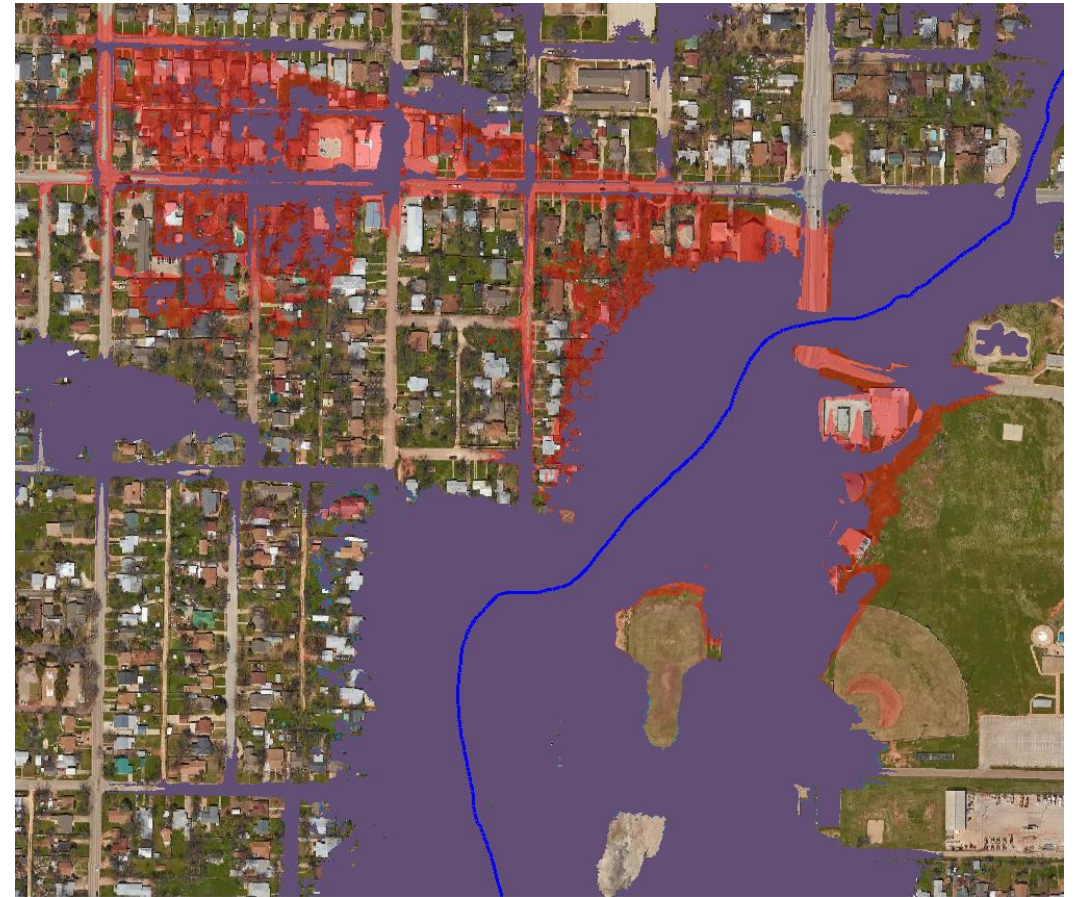


Floodplain Reductions

10-yr Storm Event
(5.02 inch rain in 24 hrs)



25-yr Storm Event
(6.25 inch rain in 24 hrs)



Level of Protection Increase

Number of Buildings

2-year to 5-year

1

5-year to 10-year

1

10-year to 25-year

23

25-year to 50-year

7

50-year to 100-year

3

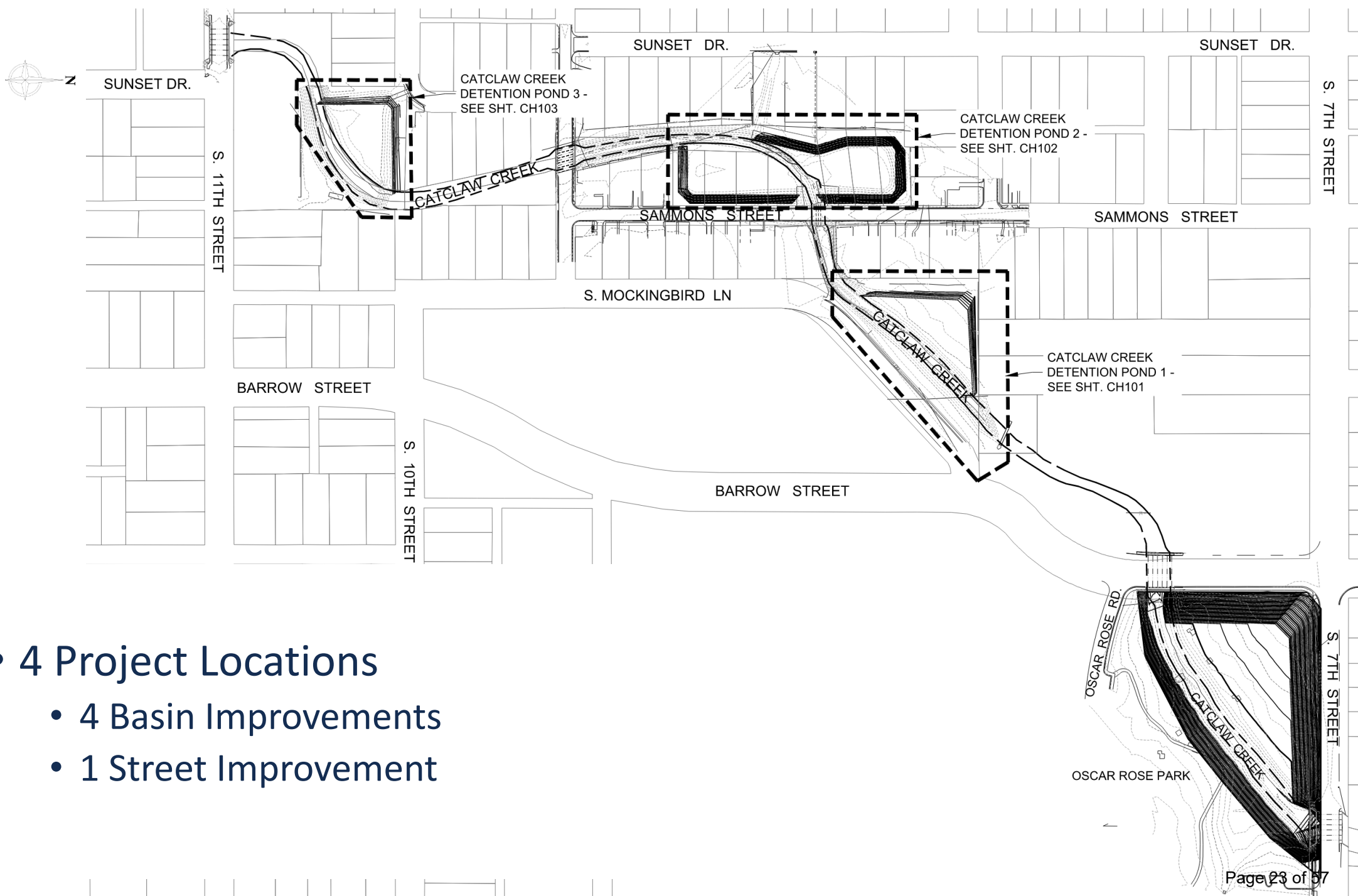
25-year to 100-year

4



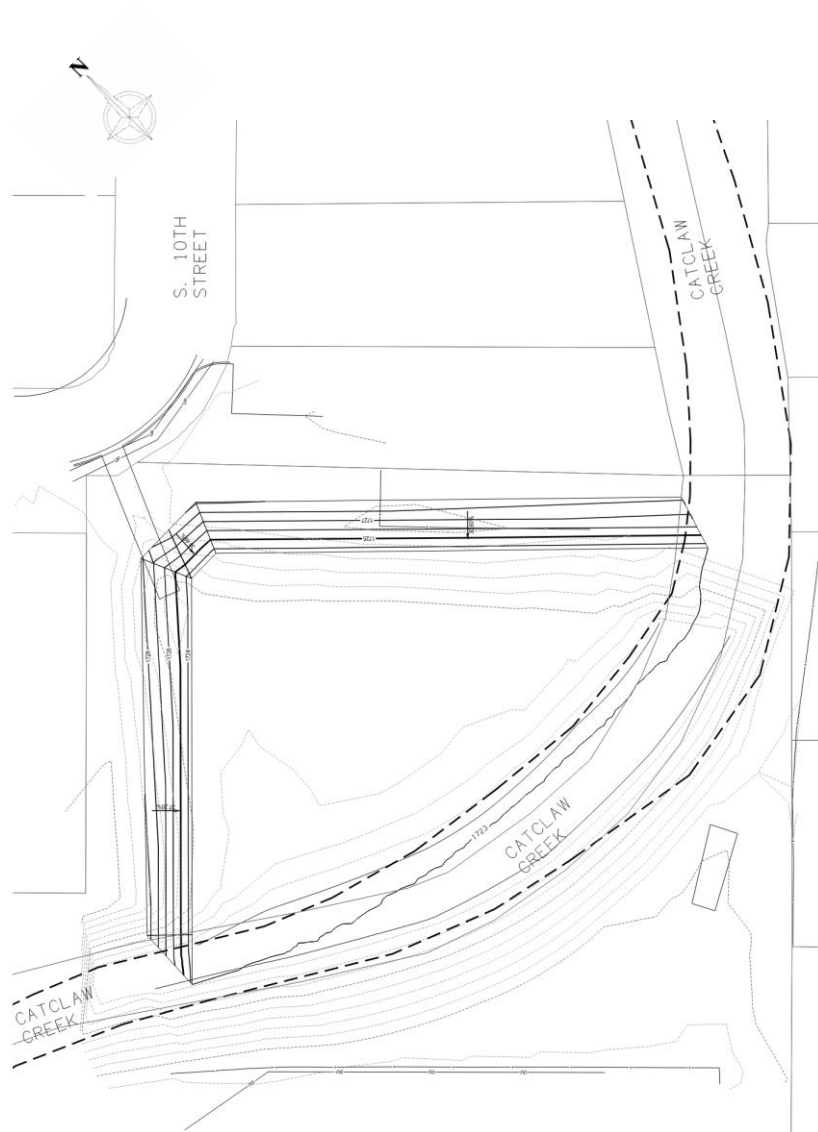
Preliminary Plans



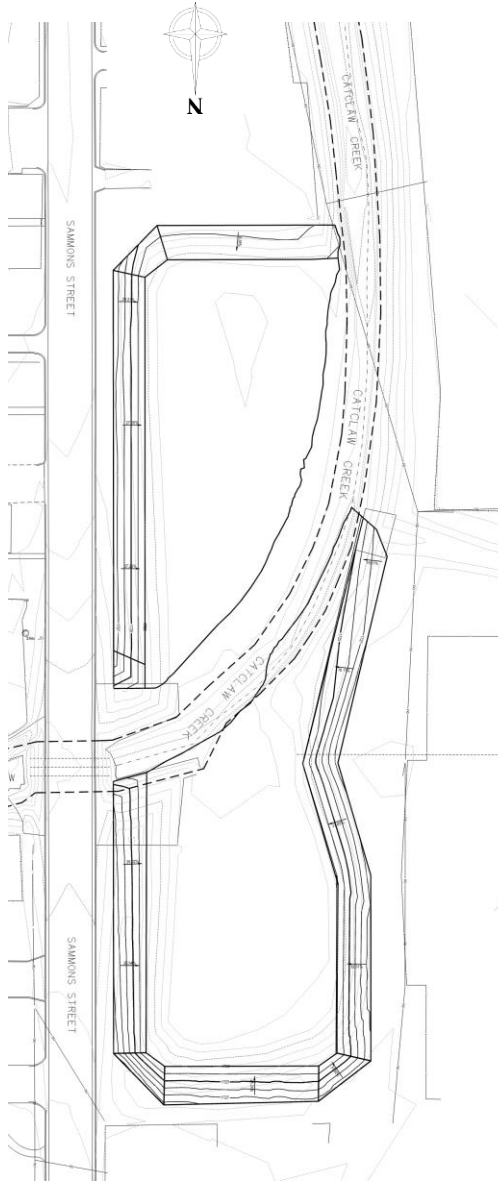


- 4 Project Locations
 - 4 Basin Improvements
 - 1 Street Improvement

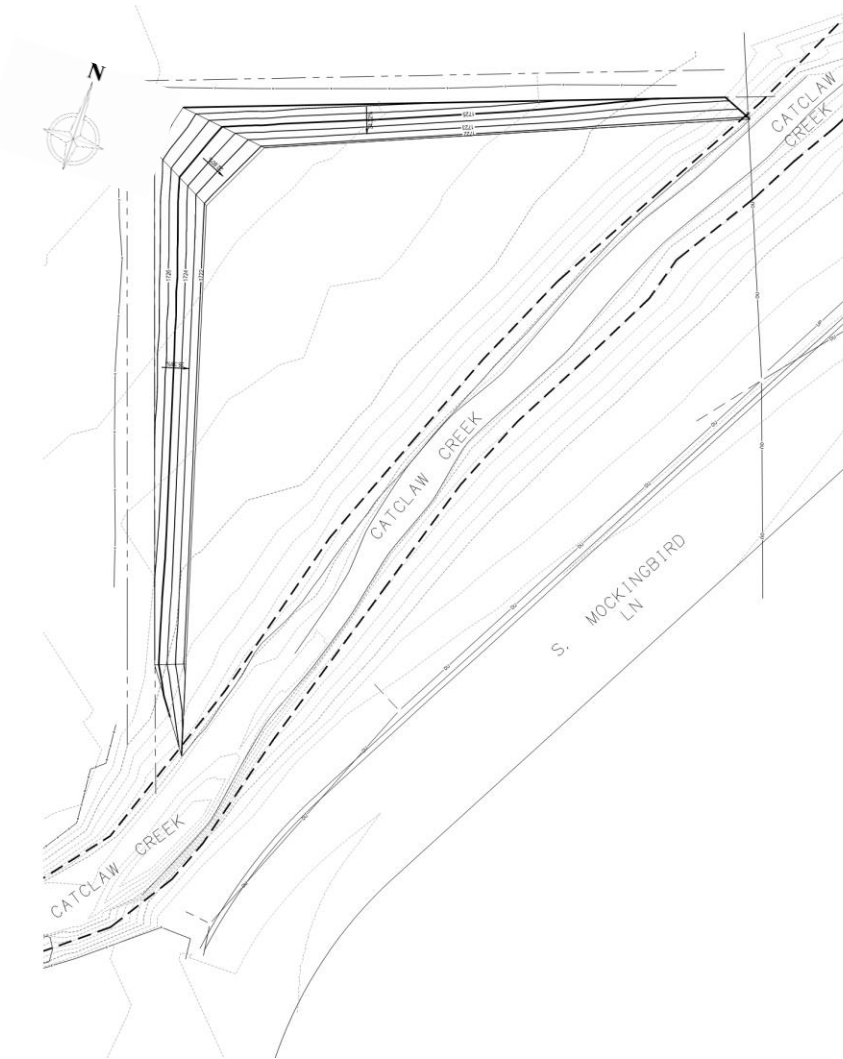
South 10th Street



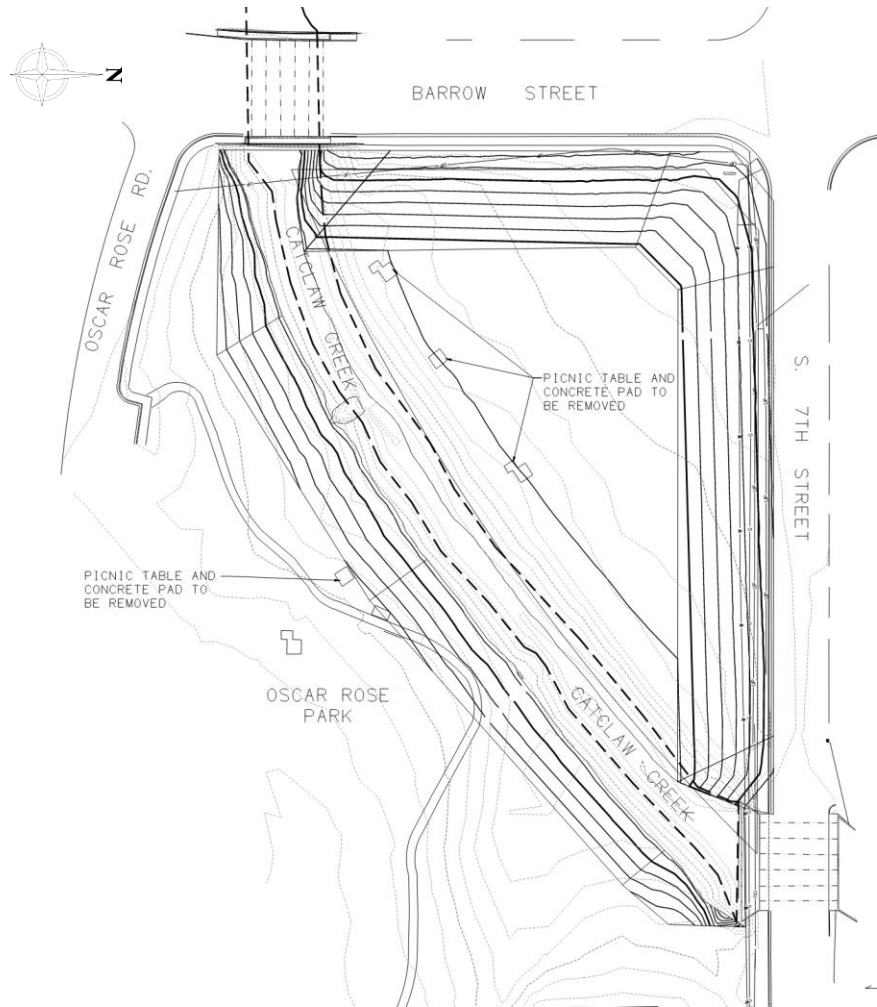
West of Sammons Street



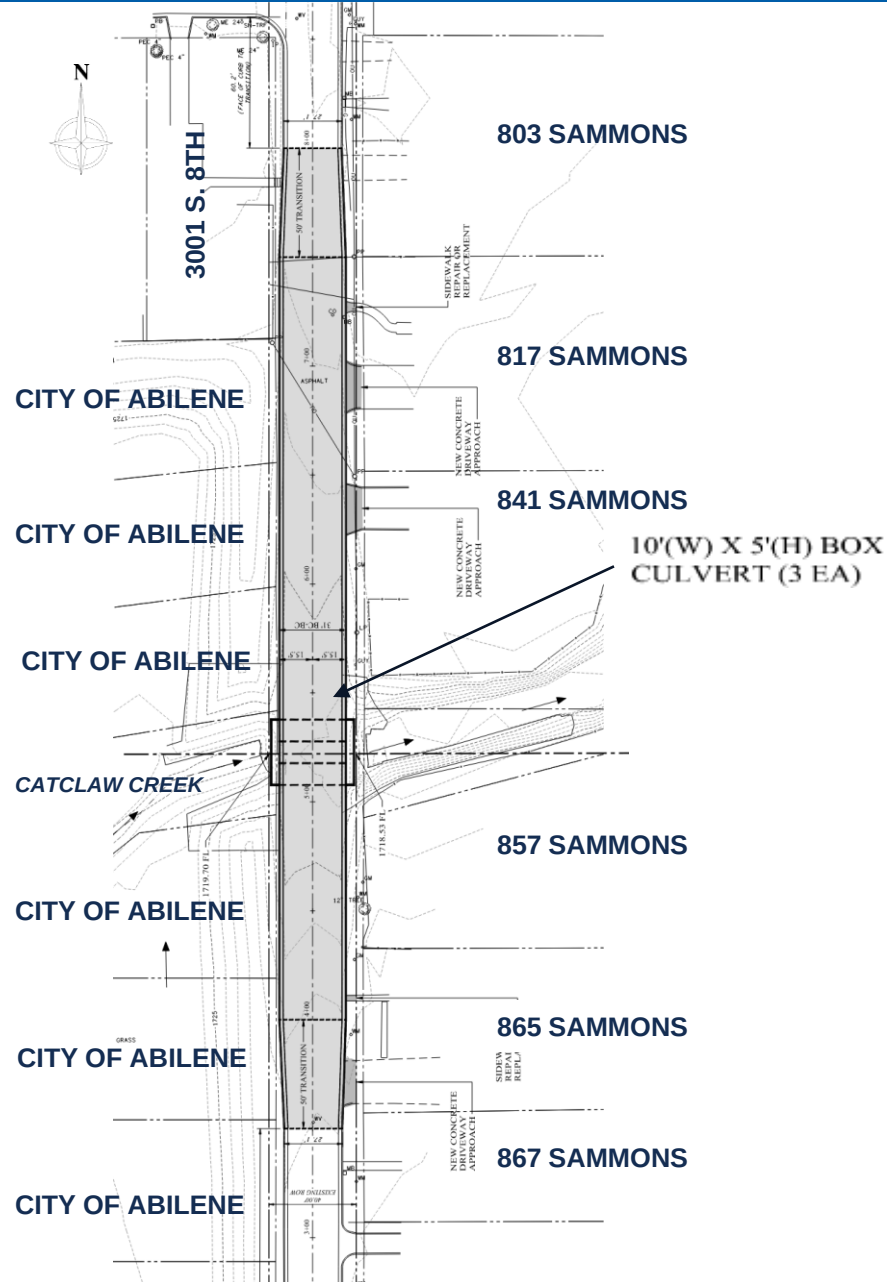
South Mockingbird Lane



Oscar Rose Park

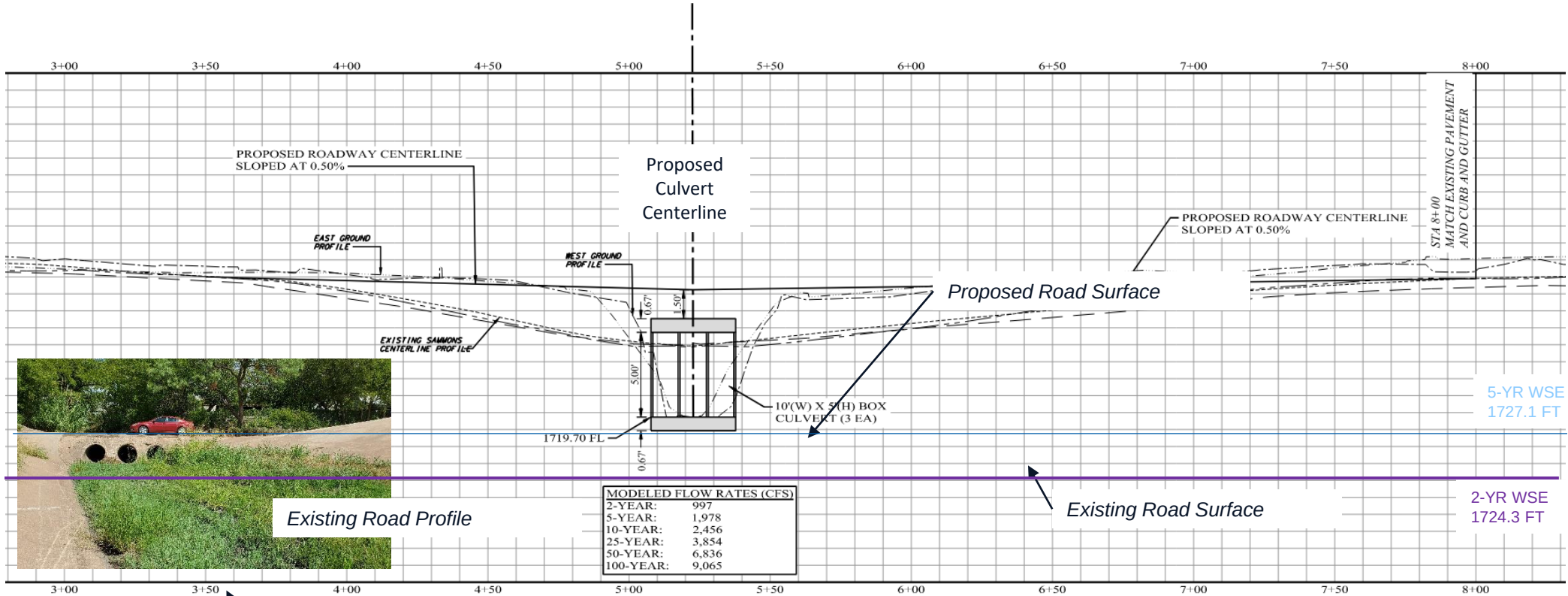


Sammons St- Catclaw Creek Crossing



- Remove existing low water crossing at Sammons St & Catclaw Creek (Including 3 existing 30" pipe culverts)
- Install three 5-ft tall by 10-ft wide concrete box culverts
- Demolish 800-ft of existing asphalt paving and raise Sammons St by up to 3 feet
- Reconstruct 800-ft of Sammons St, to full standard city street with new curb and gutter
- Reconstruct existing driveway approaches in the affected area

Sammons St- Catclaw Creek Crossing



Existing Pipe Culvert System

Existing low water crossing consisting of three 30-in pipes
Max flow capacity of 126 cfs
Flows above 126 cfs will over-top existing street

Proposed Concrete Box Culvert System

Proposed low water crossing consisting of three 5-ft tall by 10-ft wide box culverts
Max flow capacity of 1,978 cfs
Carries a 5-yr event without overtopping



Exhibits, Easements & Permits



Easements Required- Outside Fence Lines



Wetlands Map



LEGEND

 FRESHWATER EMERGENT WETLAND



Enprotec | Hibbs & Todd
4600 Cedar Street • Dallas, Texas 75211 • 202.506.0000 • www.eh.com
P.E. Registration No. 125 • W.E. Registration No. 0010 • G.S. Registration No. 120100

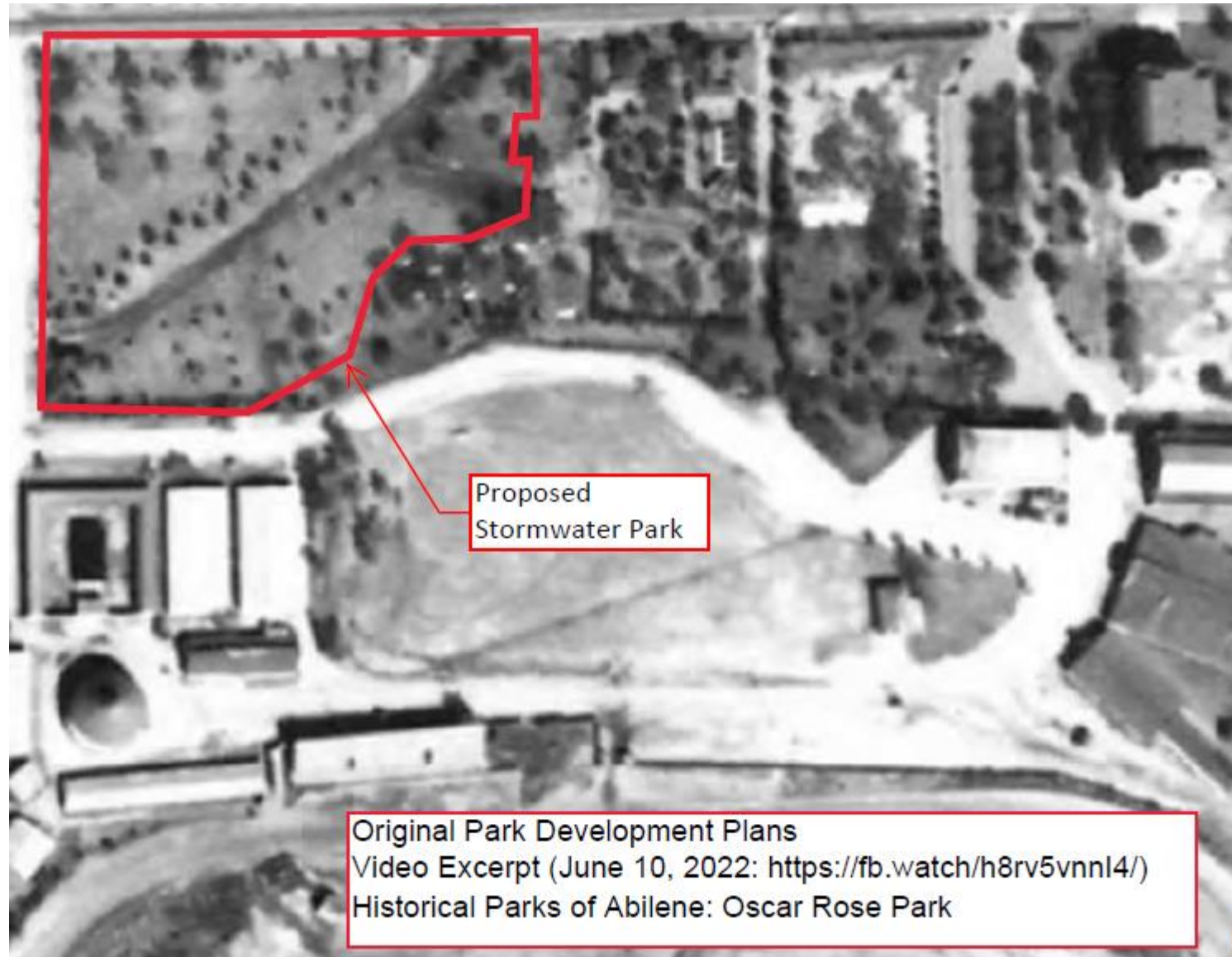


LOCALIZED FLOOD RISK REDUCTION PROJECT:
CATCLAW CREEK/OSCAR ROSE PARK

WETLANDS MAP

8439
11/30/2022





Funding, Grants & Schedule



Project Funding

- Design cost of \$259,000 – Funded from Stormwater Utility fee
- Construction cost of project ~ \$850,000
- Partially allocated from Stormwater Utility Fee
- Other funding sources
- Region 7 Upper Brazos - Regional Flood Plan (RFP) by the Texas Statewide Regional Flood Planning Group (RFPG)
- Potentially receiving **\$726,346.85** from FEMA which will go towards construction of this flood control project



Good News – We Can Get a Grant!



Applied for two major federal grants this year with FEMA



Building Resilient Infrastructure and Communities (BRIC) grant

Application through Texas Division of Emergency Management (TDEM)
75%-25% federal-local share funding
Requested funding - \$605,289.04



Flood Mitigation Assistance (FMA) grant request

Application through Texas Water Development Board (TWDB)
90%-10% federal-local share funding
Request funding - \$726,346.85



FMA grant application has been identified by FEMA for further review and funding – one of 38 Texas applications identified



Project Schedule

- Today is the first Public Meeting: Dec 5, 2023
- Estimated timeframe to finalize the design is May-June 2024
- Grant timeframe & conditions
- Archeological survey
- Sidewalk, guardrail and other amenities
- One more Public Meeting with final plans before going to actual construction
- Construction – TBD (based on available funding)



Oscar Rose Park Improvements



- Group Discussion
- Exhibit Boards
- Public Comments
- Citizen Input
- Comment Cards
- Any Final Questions...







Parks Report



Sears Basketball Court Project



Valentine Park New Pavilion Installation



Winter Crews Labor

- Winter Projects Season December 1, 2023 - March 8, 2024
- 12 Construction Projects Completed
- 10 Pavilions Repaint Projects Complete
- Completed 421 Work Orders
- 8150 Labor Hours



Lake Fort Phantom Hill Master Plan - Public Input Meeting

- Thursday, March 28th
 - 5:00PM - 7:00PM
- Abilene-Taylor County Public Health District Building
 - 850 N. 6th St.

LAKE FORT PHANTOM HILL

PUBLIC DESIGN STUDIO



We need your ideas + input to make an amazing plan for Lake Fort Phantom Hill parks! Drop by the Public Design Studio for fun activities for all ages to brainstorm the future of the City-owned/maintained areas of the Lake!

THURSDAY
MARCH 28, 2024
From 5:00PM - 7:00PM
ABILENE-TAYLOR COUNTY PUBLIC HEALTH DISTRICT BUILDING
850 N. 6TH ST
ABILENE, TX 79601

COME-AND-GO!

TOPICS:

- Lake amenities
- Park improvements
- BIG + BOLD IDEAS

SCAN HERE for the Community Survey to start the conversation!

Find more information at
www.abilenetx.gov





Recreation Report



Annual Easter Egg Hunt

- March 23, 2024
- Age and Time Categories
- Easter Bunny 9:45 am
- Stafford Sports Complex
 - 4610 North 10th



Love Your Earth Kite Fest

- April 20, 2024
- 10:00 AM
- Redbud Park
 - 3125 S 32nd St





Seniors



Big Egg Bingo



Armchair Travel - Chicago & Washington D.C.

ARM CHAIR TRAVEL

MONDAY MARCH 25TH
1:00 PM



DESTINATIONS:

Washington D.C.
and
Chicago



JOIN US AT THE ROSE PARK SENIOR CENTER IN ROOM C


PARKS &
RECREATION
CITY OF ABILENE TEXAS

Cornhole Tournament



A colorful poster for a Cornhole Tournament. The top left features the title 'Cornhole TOURNAMENT' in a large, stylized font. To the right, the word 'FREE!' is written in bold yellow letters. The central illustration shows two people playing cornhole on a red board in a park setting. On the left, there is a graphic of musical notes and instruments. Below the main scene, a banner reads 'ENJOY SOME BACKYARD GAMING WITH MUSIC'. At the bottom, three circular callouts highlight 'MONDAY APRIL 15TH 1:00 PM', 'PRIZES FOR TOP 2 PLAYERS!' with a trophy, and 'SNACKS INCLUDED!' with a popcorn bucket and a hot dog. The bottom of the poster contains registration information and the Parks & Recreation logo for the City of Abilene, Texas.

Cornhole TOURNAMENT

FREE!

ENJOY SOME BACKYARD GAMING WITH MUSIC

**MONDAY
APRIL 15TH
1:00 PM**

PRIZES FOR TOP 2 PLAYERS!

SNACKS INCLUDED!

**REGISTER AT THE ROSE PARK SENIOR CENTER OFFICE
BETWEEN APRIL 1ST & APRIL 15TH**

**PARKS & RECREATION
CITY OF ABILENE TEXAS**



Animal Updates: Addax Calf



Animal Updates: Striped Hyenas



Zoo Upgrades - Saved 10 trees



ZOOBILATION GALA

Tropical Nights

PRESENTED BY
VISTACREST
FINANCIAL

RAYMOND JAMES

SATURDAY, APRIL 20, 2024 // 6PM-11PM, ABILENE ZOO

