

# City of Broken Arrow

## Drainage Advisory Committee



### PROJECT REPORT

|                    |                                 |
|--------------------|---------------------------------|
| DATE:              | 04/23/2026                      |
| NAME               | Scott Robertson, Eddie Martinez |
| ADDRESS / LOCATION | 2459 S Redbud Pl                |
| WATERSHED          | Haikey Creek                    |
| ESTIMATE           | \$30,000.00                     |
| CASE NO.           | 26-013                          |

#### DESCRIPTION

Channel runs along the Reserve D for Aspen Pond subdivision, platted in 2008. It is the end of a multi subdivision drainage path that flows into the East Branch of Haikey Creek. The neighboring school property has not been platted but was constructed in 1974.

The concrete walls of the channel have begun to fail and buckle in some areas. One section of the school property has began eroding and the school's fence along the west side of the property has also begun to fail.

There are electrical transmission and distribution lines along the west side of the channel that may be affected by future erosion.

The Homeowner's Association has asked the City for help. Staff is requesting a feasibility study performed by an outside engineering firm to assess the health of the channel and possible solutions.

This is in the Haikey Creek Basin

Case No. 26-013

#### BENEFIT

Safety of students at the neighboring school. Protection of School property, electrical distribution and transmission lines. Channel provides drainage for multiple subdivisions in the area

#### RECOMMENDATION

Expending funds to obtain a feasibility study on Aspen Channel

**COMPLETED BY:** David Reed

**DATE:** 04/22/26

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**Fw: \*NEW SUBMISSION\* Drainage Advisory Committee Project Application**

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**From** Wilson, Patrick <PWilson@brokenarrowok.gov>

**Date** Wed 4/22/2026 5:00 PM

**To** Reed, David <DReed@brokenarrowok.gov>

**Patrick Wilson, P.E., CFM**

*Stormwater Division Manager*

*Engineering and Construction Department*

**City of Broken Arrow**

**485 N. Poplar Ave.**

**Broken Arrow, OK 74012**

Office: 539-250-4191 ext. 3350

[pwilson@brokenarrowok.gov](mailto:pwilson@brokenarrowok.gov) | [www.brokenarrowok.gov](http://www.brokenarrowok.gov)



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**From:** BrokenArrowOK.gov webmaster <webmaster@brokenarrowok.gov>

**Sent:** Wednesday, April 22, 2026 4:17 PM

**To:** Wilson, Patrick <PWilson@brokenarrowok.gov>; Engineering & Stormwater <engineering.stormwater@brokenarrowok.gov>; Cuckler, Jordan <JCuckler@brokenarrowok.gov>

**Subject:** \*NEW SUBMISSION\* Drainage Advisory Committee Project Application

**Drainage Advisory Committee Project Application**

**Submission #:** 4779261

**IP Address:** 64.24.186.243

**Submission Date:** 04/22/2026 4:17

**Survey Time:** 9 minutes, 52 seconds

You have a new online form submission.

Note: all answers displaying "\*\*\*\*\*" are marked as sensitive and must be viewed after your login.

**Owner Name**

Aspen Pond (Eddie Martinez) Aspen Pond (Scott Robertson)

**Phone**

(918) 691-3379

**Email**

scottb\_robertson@yahoo.com

**Owner Mailing Address**

2459 S Redbud Pl  
Broken Arrow, OK 74012

**Address of Property with Drainage Problem**

2441 South Maple Avenue  
Broken Arrow, OK

**Location of Drainage Issue on Property**

Between 2437 and 2441 South Maple Avenue "Reserve C"

**Description of Problem**

We have an issue within our drainage reserve C that is impacting Vandever Elementary land as well which is located behind Aspen Pond...the concrete has buckled in some areas due to runoff and possible erosion which has impacted the school's fence line falling over, becoming a hazard for the school kids among other issues...due to the issues over the years, the land is basically no longer holding the concrete in place

**Please attach photos depicting the Drainage Issue**

Thank you,

**City of Broken Arrow**

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This is an automated message generated by Granicus. Please do not reply directly to this email.

# Aerial Map

## Legend

W Washington (91st St)

S Aspen Ave

Area of  
interest

Vandever  
School



# Aerial Map

## Legend

Area of  
interest

Vandever  
School





\*000985419001\*

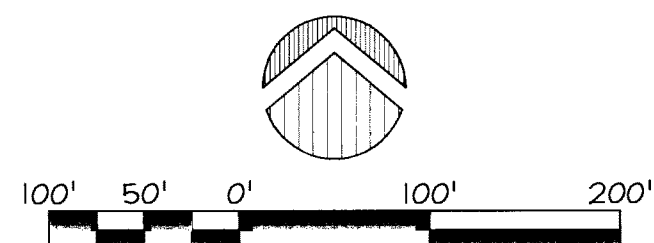
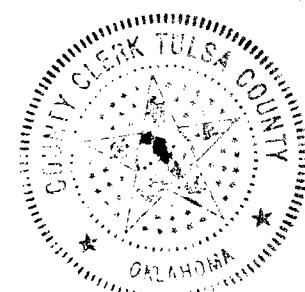
PLAT No.

6206

### CURVE TABLE

| NUMBER | DELTA ANGLE | RADIUS  | ARC LENGTH |
|--------|-------------|---------|------------|
| C1     | 24°41'24"   | 175.00' | 75.41'     |
| C2     | 24°41'24"   | 225.00' | 96.96'     |
| C3     | 90°00'00"   | 25.00'  | 39.27'     |
| C4     | 48°11'23"   | 25.00'  | 21.03'     |
| C5     | 27°22'46"   | 50.00'  | 241.19'    |
| C6     | 186°22'46"  | 50.00'  | 162.65'    |

UNLESS OTHERWISE NOTED, CURVES SHOWN ARE TANGENT



Final Plat PUD#158B

# ASPEN POND

AN ADDITION TO THE CITY OF BROKEN ARROW  
BEING A SUBDIVISION OF THE NW/4 OF SECTION 22, TOWNSHIP 18 NORTH, RANGE 14 EAST,  
TULSA COUNTY, OKLAHOMA

Unplatted

Unplatted  
City of Broken Arrow

Unplatted

City of Broken Arrow

Area of interest

West Boston Avenue

Arrow Park  
Addition

Unplatted

EAST LINE OF NW/4  
SECTION 22, T-18-N, R-14-E,  
TULSA COUNTY, OKLAHOMA

Unplatted

Unplatted

### Legend

|            |                        |
|------------|------------------------|
| BL.....    | BUILDING LINE          |
| D.O.D..... | DEED OF DEDICATION     |
| FND.....   | FOUND                  |
| IP.....    | IRON PIN               |
| LNA.....   | LIMITS OF NO ACCESS    |
| POB.....   | POINT OF BEGINNING     |
| ROW.....   | RIGHT-OF-WAY           |
| TCM.....   | TRAFFIC CONTROL MEDIAN |
| UE.....    | UTILITY EASEMENT       |
| [2343]     | STREET ADDRESS         |

Unplatted

SOUTHEAST CORNER OF NW/4  
SECTION 22, T-18-N, R-14-E,  
TULSA COUNTY, OKLAHOMA

Unplatted

Vandever  
Acres 6th

### PROJECT DATA

#### OWNER

CHARLES SANDERS HOMES, INC.  
107 SOUTH ASH AVENUE  
BROKEN ARROW, OKLAHOMA 74012  
918.455.1111

#### ENGINEER / SURVEYOR

COOK & ASSOCIATES ENGINEERING, INC.  
121 EAST COLLEGE  
BROKEN ARROW, OK 74012  
918.258.9442 (VOICE) 918.258.9488 (FAX)  
CA#4479 EXPIRES JUNE 30, 2008

#### MUNICIPAL AUTHORITY

CITY OF BROKEN ARROW  
210 SOUTH 1st STREET  
BROKEN ARROW, OK 74012  
DAVID L. WOODEN, P.E., ASSISTANT CITY MANAGER  
MICHAEL SKATES, COMMUNITY DEVELOPMENT DIRECTOR  
TOM HENDRIX, P.E., ENGINEERING DIRECTOR  
FARHAD DAROGA, PLANNING DIRECTOR

#### UTILITY CONTACTS

OKLAHOMA NATURAL GAS COMPANY  
5848 EAST 15TH STREET  
TULSA, OKLAHOMA 74112  
918.831.8334  
ATTN: JOHN KISKA

VALOR TELECOM COMPANY  
2300 EAST 1st PLACE  
BROKEN ARROW, OK 74012  
918.451.3406  
ATTN: ROY VARNER  
918.451.3427  
ATTN: ANGELA RAHE

AEP / PSO  
212 EAST SIXTH STREET  
TULSA, OK 74119  
918.599.2912  
ATTN: CURTIS BRYANT

COX COMMUNICATIONS  
11811 EAST 51st STREET  
TULSA, OK 74145  
918.286.4658  
ATTN: KEVIN CATLETT

### SITE DATA

#### BENCHMARK

5/8" IRON PIN, LOCATED AT THE WEST  
QUARTER CORNER OF SECTION 22,  
TOWNSHIP 18 NORTH, RANGE 14 EAST,  
TULSA COUNTY, OKLAHOMA  
ELEVATION 679.57 (NAVD 1988)

#### BASIS OF BEARINGS

ASSUMED BEARING OF N 01°23'24" W  
ALONG THE WEST LINE OF THE NW/4  
OF SECTION 22, T-18-N, R-14-E OF  
THE INDIAN BASE AND MERIDIAN, TULSA  
COUNTY, STATE OF OKLAHOMA

#### LAND AREA

1,821,587.93 SF ± / 41.818 Acres ±

#### MONUMENTATION

A 3/8" X 18" DEFORMED BAR WITH AN  
ORANGE PLASTIC CAP STAMPED "CA4479"  
SET AT ALL LOT CORNERS.

A 5/8" X 18" DEFORMED BAR WITH AN  
ORANGE PLASTIC CAP STAMPED "CA4479"  
SET AT ALL BOUNDARY CORNERS.

A "MAG" NAIL WITH SHINER  
SET AT STREET CENTERLINE.

#### ADDRESSES

ADDRESSES SHOWN ON THIS PLAT WERE  
ACCURATE AT THE TIME THIS PLAT WAS  
FILED. ADDRESSES ARE SUBJECT TO CHANGE  
AND SHOULD NEVER BE RELIED ON IN  
PLACE OF LEGAL DESCRIPTION.

### DETENTION NOTE

STORMWATER DETENTION ACCOMMODATIONS FOR THIS SITE ARE IN ACCORDANCE WITH  
FEE-IN-LIEU OF DETENTION DETERMINATION # DD-51807-26

### WATER AND SEWER

POTABLE WATER SUPPLY WILL BE SERVED BY THE CITY  
OF BROKEN ARROW, OKLAHOMA.

SANITARY SEWER SERVICE WILL BE SUPPLIED BY THE  
CITY OF BROKEN ARROW, OKLAHOMA.

### FLOOD PLAIN NOTE

FEMA FLOOD PLAIN ZONE AE  
ADJUSTED TO RECENT  
TOPOGRAPHIC DATA.

FEMA FLOOD PLAIN DATA PER FLOOD  
INSURANCE RATE MAP PANEL 543 OF  
725, MAP NUMBER 40143C0543 J,  
REVISED APRIL 16, 2003.

### CERTIFICATE

I hereby certify that all real estate taxes involved in  
this plat have been paid as reflected by the current tax  
rolls. Security as required has been provided in the  
amount of \$ 100.00 per trust receipt no.  
9688 to be applied to 20 08 taxes. This  
certificate is NOT to be construed as payment of  
20 08 taxes in full but is given in order that this plat  
may be filed on record. 20 08 taxes in full but is given in  
order that this plat may be filed on record  
amount of the security deposit.

Dated 19-May-08

Dennis Semler

Tulsa County Treasurer

By: *[Signature]*  
Deputy

APPROVED 19-May-08 by the City  
Council of the City of Broken Arrow  
Oklahoma.

*[Signature]*  
Mayor

*[Signature]*  
Attest: City Clerk 5-22-08

STATE OF OKLAHOMA  
COUNTY OF TULSA

I, Earlene Wilson, Tulsa County Clerk, in and for the  
County and State above named, do hereby certify that  
the foregoing is a true and correct copy of a like instrument  
now on file in my office.

Dated the 19 day of May, 20 08  
EARLENE WILSON, Tulsa County Clerk

Deputy

### CERTIFICATE

certify that all real estate taxes involved in this plat have  
been paid as reflected by the current tax rolls. Security as required  
has been provided in the amount of \$ 100.00 per trust receipt no.  
9688 to be applied to 20 08 taxes.  
This certificate is NOT to be construed as payment of 20 08  
taxes in full but is given in order that this plat may be filed on record  
amount of the security deposit.

Dated the 19 day of May, 20 08

Dennis Semler  
Tulsa County Treasurer

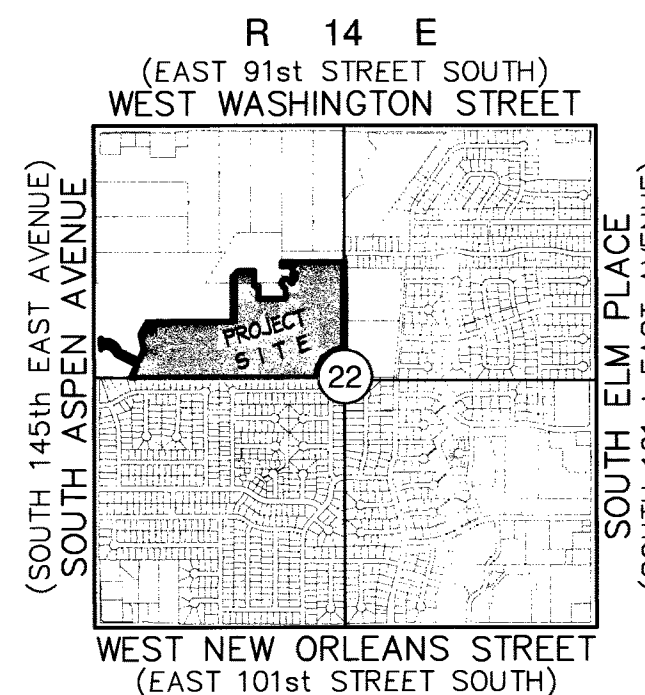
by *[Signature]*  
Deputy

ASPEN POND

DEV. #05129 / CASE NO. PT06125

Sheet 1 of 3

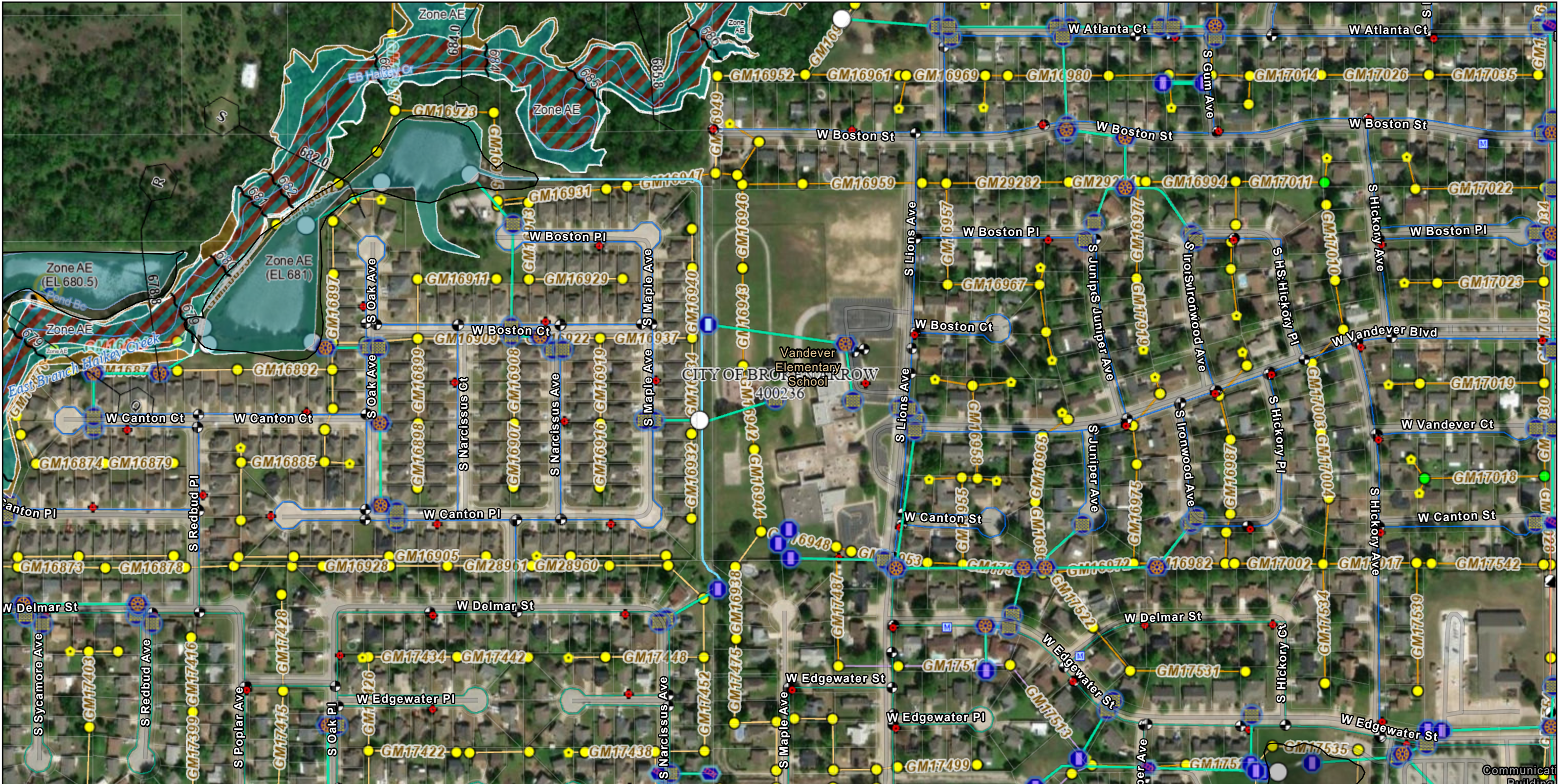
Date Prepared: 2/20/08



### Location Map

Subdivision Contains One-Hundred  
Eighty (180) Lots in Seven (7) Blocks  
1,821,587.93 SF ± / 41.818 Acres ±

# Stormwater Utility Map



4/23/2026 9:22 AM

-  City Owned Detention Ponds
-  Private Detention Ponds
-  Parcels (INCOG)
-  Streams
-  Primary Frontal Dunes

## Flood Hazard Zones

## Zone Type

- 1% Annual Chance  
Flood Hazard

-  Regulatory Floodway
-  Special Floodway
-  Area of Undetermined Flood Hazard
-  0.2% Annual Chance Flood Hazard
-  Future Conditions 1% Annual Chance Flood Hazard
-  Area with Reduced Risk Due to Levee
-  Area with Risk Due to Levee

## Flood Hazard Boundaries

### Line Type

-  Limit Lines
-  SFHA / Flood Zone Boundary
-  Flowage Easement Boundary
-  Limit of Moderate Wave Action
-  River Mile Markers

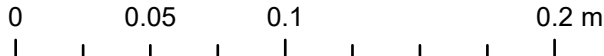
## General Structures

## Structure Type

- Flood Structure  
 X Bridge  
 — Dam, Weir, Jetty  
 — Other Structures  
 — Transect Baselines  
 - - Coastal Transects  
 || Levees  
 ~ Base Flood Elevations

- Cross-  
 — Profile  
 Political  
 LOMRs  
 Status  
 Effective  
 Culvert  
 — Unknown  
 — Pipe  
 — Pipe Arch

This map's utility information is for general purposes only. The City of Broken Arrow makes no warranties regarding its accuracy, completeness, or reliability. Use of this information is at risk.



Vantor, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community





Channel Wall



Flow line of channel reduced



West side of channel buckle, East side of channel appears to have slid





Cracks along the West wall of channel

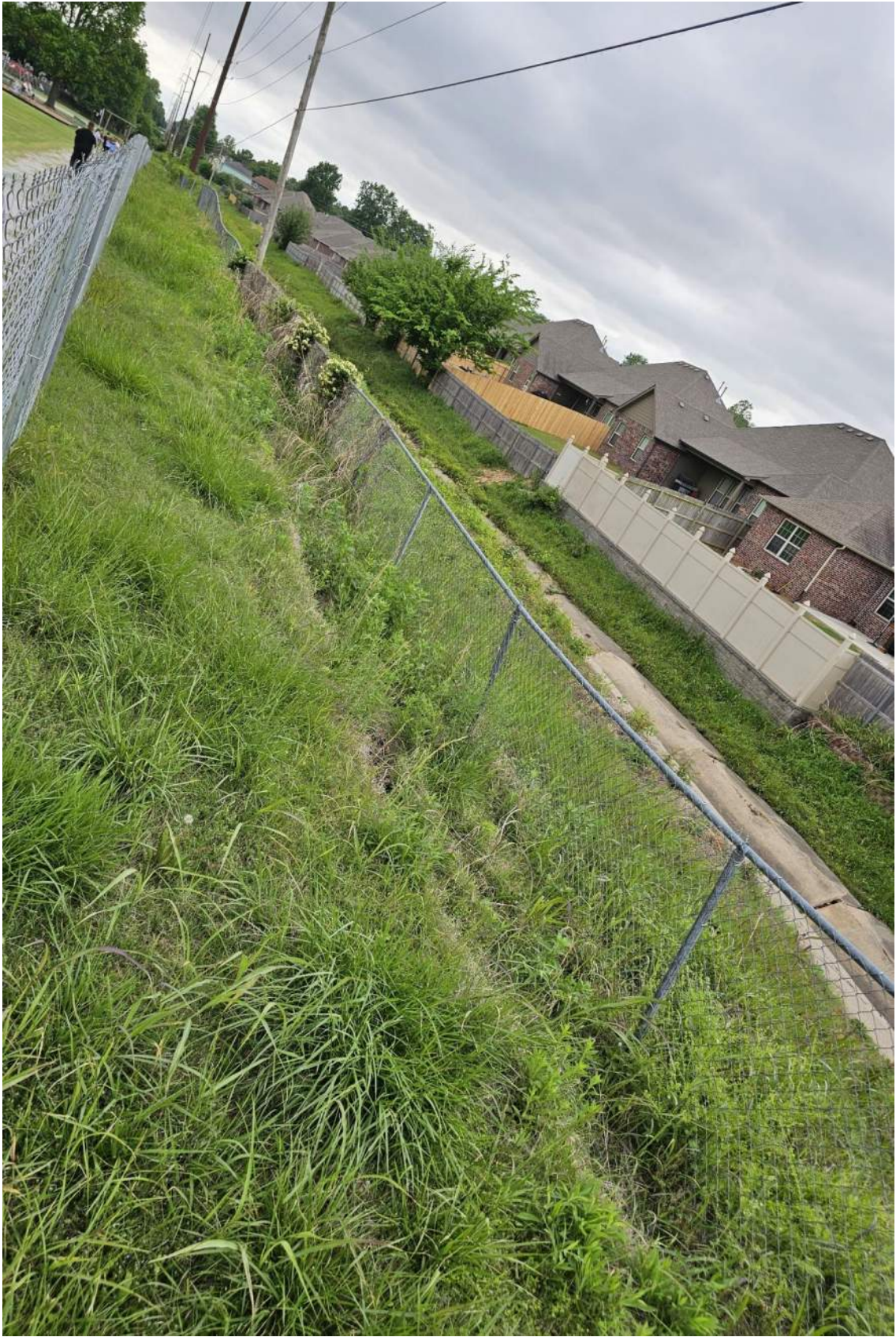




Area above western wall, school property.



Section of fence not fallen for reference.



Total length of affected fence