# City of Broken Arrow

## **Drainage Advisory Committee**



### PROJECT REPORT

DATE:	October 16, 2025
NAME	David Hall – 6100 Center
ADDRESS / LOCATION	1801 to 1919 N. Willow Ave.
WATERSHED	Haikey Creek
ESTIMATE	\$50,000
CASE NO.	25-020

### **DESCRIPTION**

The commercial subdivision was platted in 1985. An existing drainage channel located in the 6100 Center development, approximately 1600 LF long, is deteriorating. A fabriform (fabric formed concrete) channel was constructed by the developer in 1985. Due to deterioration of the channel, water flows under the original channel and some of the channel walls are sliding into the bottom. As a result, the bottom of the channel has failed and the sidewalls have washed out.

The deterioration of the channel poses potential risks and adverse impacts to surrounding property owners, existing utility poles, and the city's sanitary sewer system. Temporary repairs have been attempted by the property management but have proven insufficient with time.

The City of Broken Arrow has an existing 8-inch Sanitary Sewer line that runs on the east side, parallel to the drainage channel. There is no direct access to the City's sewer system. The City will be requesting an easement across the channel for access.

The sanitary sewer is in a sewer easement, but there is no easement for the drainage channel.

The water flowing under the concrete channel could be a potential risk to the city's sanitary sewer system and existing utility poles also located along the drainage channel.

Staff is requesting \$50,000.00 for design funds.

Case No. 25-020

#### BENEFIT

Provide a design to improve the existing channel and protect the city's sanitary sewer line and utility lines.

Rev. 1 02-05-21

# RECOMMENDATION

Approve the request for expenditure of \$50,000 to design improvements.

COMPLETED BY: Sarah Walters DATE: 10/16/2025

Rev. 1 02-05-21

### **Drainage Committee Application**

Fill out the form below to have a drainage issue near you considered for improvement by the <u>Drainage Advisory Committee</u>.

You can also download a PDF of the form to fill in, and return it to:

engineering.stormwater@brokenarrowok.gov OR mail to:

Stormwater Division Manager

**PO BOX 610** 

Broken Arrow, OK 74013

\* Owner Name: 6100 Center Property Owners Association

First Name: David Last Name: Hall Title: Property Manager

Phone 918-808-7373 cell 918-665-2700 office

Email dave@imperialproperties.com

Owner Mailing Address 6130 East 32<sup>nd</sup> Street, Suite 108, Tulsa, OK 74135

Street Number and Name: 6130 East 31st Street Unit Number: 108 CityState: Tulsa, OK

Province/RegionPostal/ZIP Code: 74135

Address of Property with Drainage Problem:

Street Number and Name: 1801 to 1919 N Willow Ave. CityState: Broken Arrow OK 74012 Location of Drainage Issue on Property: The easterly 100 feet of all the listed properties and the northern 50 feet of 1919 North Willow Ave.

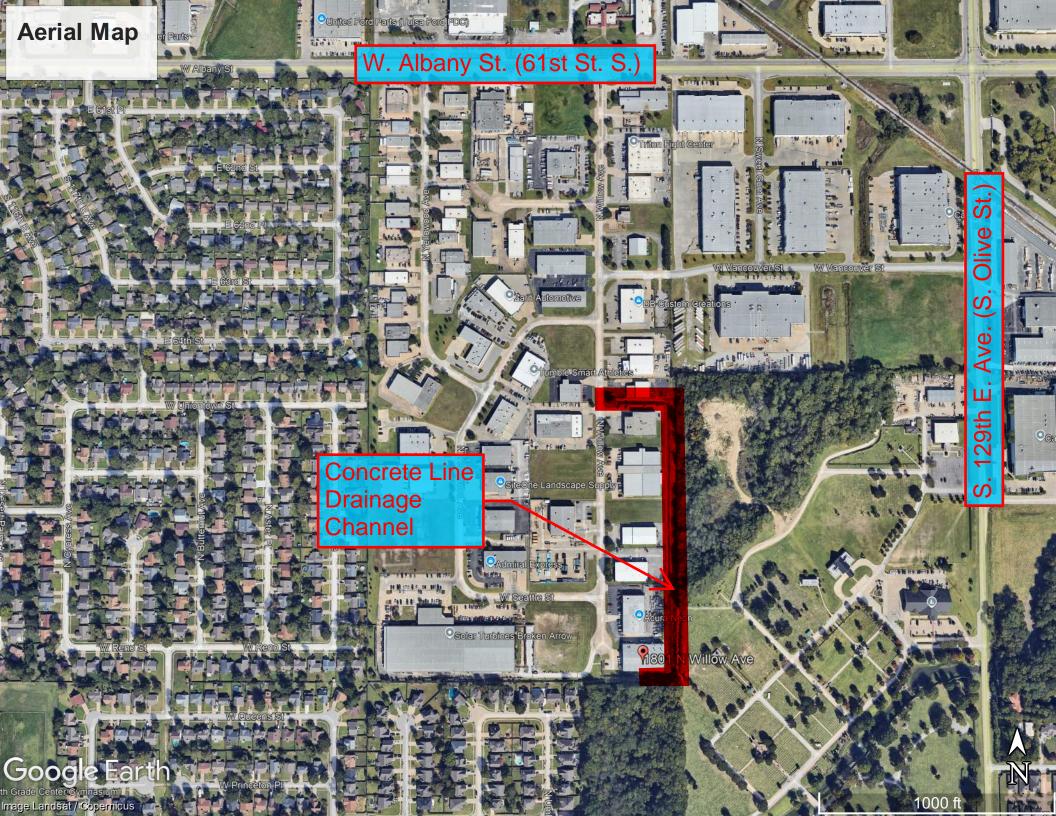
### \* Description of Problem:

The Drainage Channel is about 1600 FEET long and was constructed by the original developer in about 1985 using spray cement (Gunnite). Currently the bottom of the channel and sidewalls are compromised; with water flowing under and behind the original structure. Some walls are sliding into the bottom as the bottom has failed and the sidewalls washed out. The failure of the channel where other properties' runoff flows into it is also significant. During a heavy rain event there is considerable risk to all properties along the channel and downstream of failure of this structure which could cause further erosion.

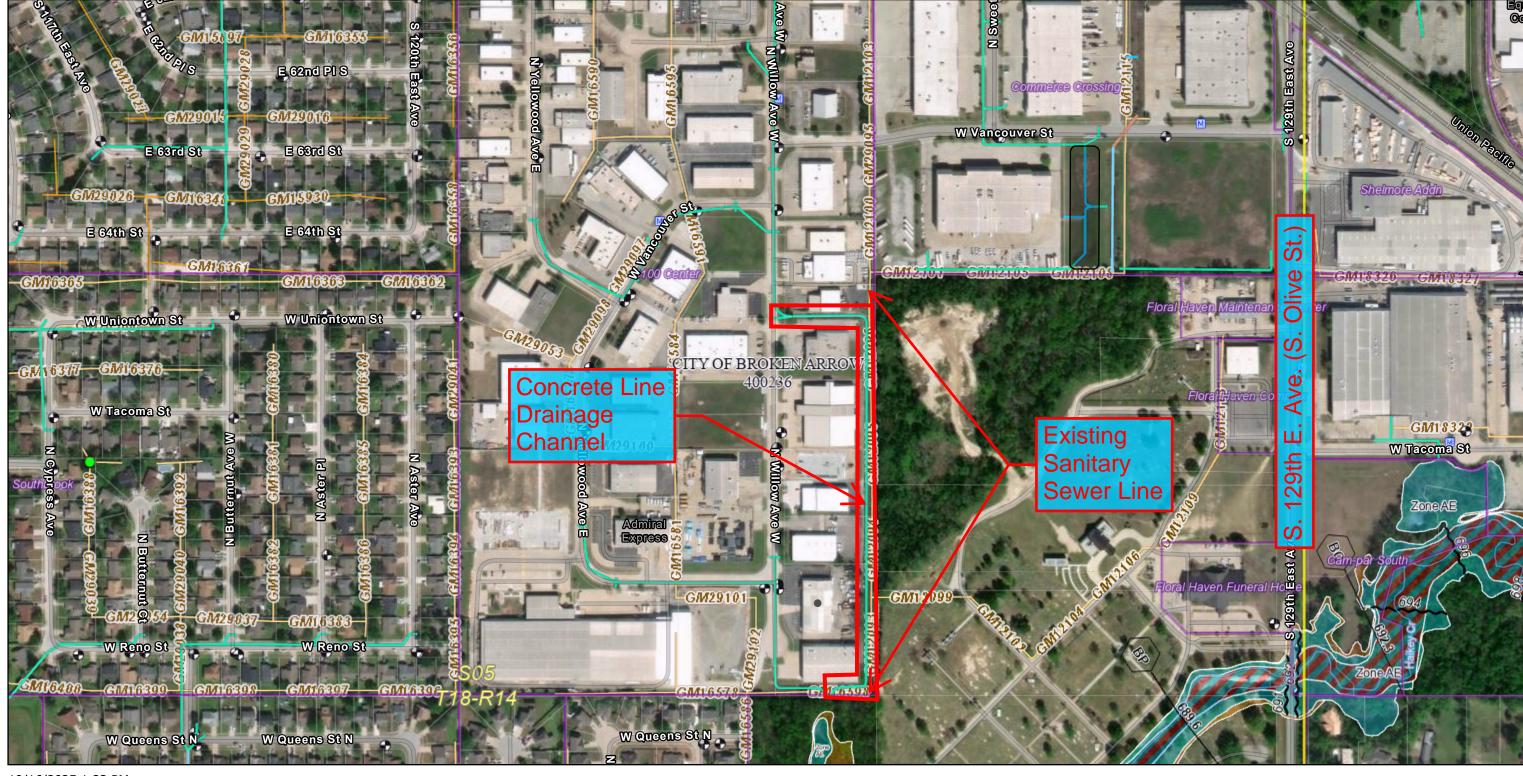
The deterioration has not only led to visible structural instability, but also poses potential risks to neighboring properties and public safety. Erosion and improper water flow have accelerated the damage, and temporary repairs have proven insufficient over time. It is crucial to address these concerns promptly to prevent further degradation, including undermining of adjacent foundations and possible flooding during periods of heavy rainfall.

Please attach photos depicting the Drainage Issue: See Photos attached next page





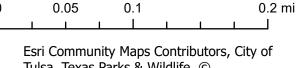
# **Stormwater Utility Map**



## 10/16/2025 1:23 PM



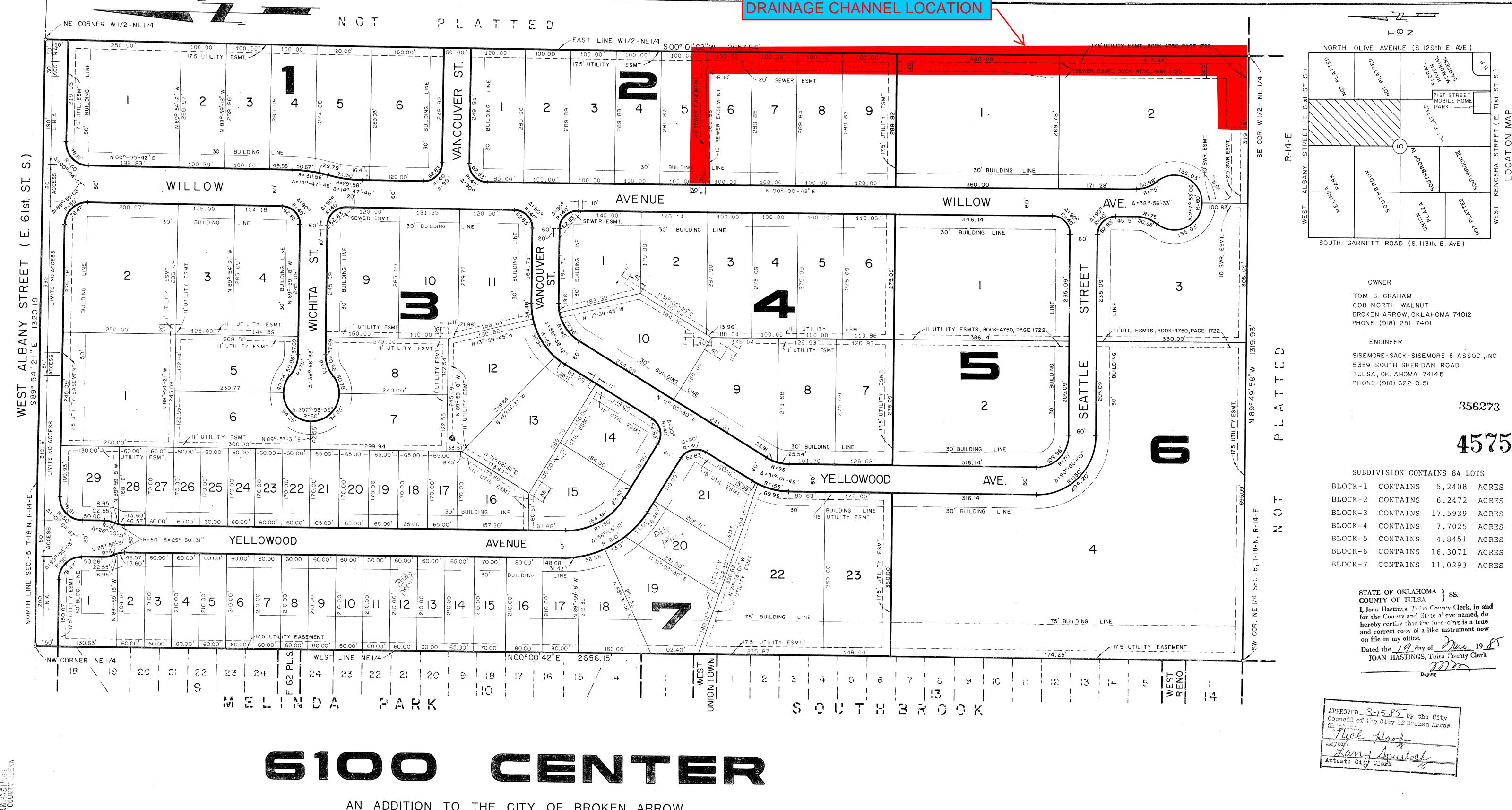
This map's utility information is for general purposes only. The City of Broken Arrow makes no warranties regarding its accuracy, completeness, or reliability. Use of this information is at risk.



Tulsa, Texas Parks & Wildlife, ©
OpenStreetMap, Microsoft, Esri, TomTom,
Garmin, SafeGraph, GeoTechnologies, Inc,







AN ADDITION TO THE CITY OF BROKEN ARROW OF THE

W1/2 OF THE NE1/4 OF SECTION-5, T-18-N, R-14-E

TULSA COUNTY, OKLAHOMA



P.U.D. NO. 35 P.U.D. NO. 47 THE APPROVAL AND FILING OF THIS PLAT DOES NOT GUARANTEE THAT CONNECTIONS WILL BE PERMITTED TO THE HAIKEY CREEK/LYNN LANE WASTEWATER TREATMENT PLANT. THE OWNER IS RESPONSIBLE FOR OBTAINING, FROM THE CITY ENGINEER, A CONNECTION CONTRACT AND/OR CONNECTION PERMIT, CERTIFYING TO CAPACITY. IF CAPACITY IS NOT AVAILABLE, CONNECTION OF THE LOT WILL NOT BE PERMITTED.

CERTIFICATE

As provided in Title 11, Chapter 13, Section 511 of the Oklahomo plat, all such three by corolly that as one lead of some constant with the and security as required by said the notion of the provided in the amount of \$235.00 per the constant of \$333 to be appoind to 19. So have not as some as partial to me.

This conflication is NOT to be constant as paraent of 19. So have in fadious is given in order that this plat may be filed of record.

19. So have could exceed the constant of the plat may be filed of record.

JOHN F. CAMPRELL

TULSA COUNTY TREASURER

By: Software Head of the constant of the consta