

City of Broken Arrow

Drainage Advisory Committee



PROJECT REPORT

DATE:	April 25, 2025
NAME	City of Broken Arrow on behalf of property owner
ADDRESS / LOCATION	6304 S. 5 th Ave.
WATERSHED	Broken Arrow Creek
ESTIMATE	\$25,000.00
CASE NO.	25-010

DESCRIPTION

The proposed project is around 6304 S. 5th Ave. in the Southfork Estates subdivision in Broken Arrow.

The Southfork Estates subdivision was platted in 1992. Approximately 5 acres of offsite flow drains from the neighboring property without any drainage system in place to pick up the offsite flow. The flow currently is concentrated sheet flow and makes its way to the existing storm inlets in the cul-de-sac through the yard at 6304 S. 5th Ave. The Southfork Estates subdivision was designed and constructed prior to Broken Arrow establishing stormwater criteria in 1994.

A new development to the west, Spring Creek Crossing, is currently in the earth change stage of development. The development has reduced the overall drainage area to the property to approximately 2 acres. The offsite flow still drains through the Southfork Estates subdivision. While the property to the west is being developed, this is an opportunity to address the pre-existing drainage problem.

This drainage concern was brought to City Council on April 15th, 2025.

Staff is requesting \$25,000.00 of the 2018 GO Bond, Proposition 6 for design costs to provide drainage improvements

Case No. 25-010

BENEFIT

The potential benefit would to address a pre-existing drainage concern from prior to the 1994 ordinance.

RECOMMENDATION

Staff recommend approval of \$25,000.00 in design funds for drainage improvements.

COMPLETED BY: Sarah Walters

DATE: 4/22/2025

City of Broken Arrow

Drainage Advisory Committee



APPLICATION

DATE:	4-25-2025
OWNER NAME:	City of Broken Arrow on behalf of property owner
PHONE NUMBER:	
EMAIL ADDRESS:	
OWNER MAILING ADDRESS:	6304 S. 5 th Ave.
ADDRESS OF PROPERTY WITH DRAINAGE PROBLEM:	6304 S. 5 th Ave.
LOCATION OF DRAINAGE ISSUE ON PROPERTY:	Backyard of 6304 S. 5 th Ave.

DESCRIPTION OF PROBLEM: (*PHOTOS SHOULD ACCOMPANY APPLICATION)

Offsite flow from neighboring property was not accounted for when the Southfork Estates Subdivision was developed in 1992. This subdivision was designed and constructed prior to Broken Arrow establishing stormwater criteria in 1994.

The property to the west is being developed. The drainage area draining onto 6304 S. 5th Ave. is reduced from approximately 5 acres to 2 acres. The offsite flow still drains through the property before getting into a designated storm sewer system.

This drainage concern was brought to City Council on April 15th, 2025. Staff went out on Monday, April 21st, 2025 to take a look at the area of concern.

Signature: Sarah Walters, P.E., CFM – City of Broken Arrow

RETURN TO STORMWATER DIVISION MANAGER'S OFFICE, PO BOX 610 Broken Arrow, OK 74013

Aerial Map

Legend



Ernest Childers Middle School

Creek Turnpike

Project Location

Spring Creek Crossing Development

E. 121st St. S. (W. Tucson St.)

Ernest Childers Middle School

Google Earth

Image © 2025 Airbus



1000 ft