

# City of Broken Arrow

## Drainage Advisory Committee



## PROJECT REPORT

DATE:	April 23, 2025
NAME	Shenandoah Valley At Battle Creek POA – Chuck Buck
ADDRESS / LOCATION	Reserve A Shenandoah Valley At Battle Creek
WATERSHED	Ford Creek (unnamed)
ESTIMATE	\$32,000.00
CASE NO.	25-009

### DESCRIPTION

Shenandoah Valley at Battle Creek consists of two subdivision, Shenandoah Valley at Battle Creek I and Shenandoah Valley at Battle Creek II, located north of W Omaha St and east of N Aspen Ave. These subdivisions were platted in 1999 and 2001 respectively. The requested project is located in Reserve “A” that is shared by both subdivisions. The Property Owners Association (POA) is requesting a partnership with the City to repair their leaking pond dam. The DAC previously approved funds for an engineering study for mitigation that was completed in 2023. The POA contracted with a private firm to complete the engineered plans for construction. These plans were complete in September 2024.

Site investigations confirmed that the dam is leaking and eroding around the spillway and that a sanitary sewer is directly under the spillway.

\$45,000.00 was recommended by the DAC at the October 2024 meeting. The low bidder came in at \$69,250.00. Staff is requesting an additional \$32,000.00 to cover the additional construction cost.

Original Case No. 24-015 presented 10/28/2025.

Original Case No. 22-005 presented 8/29/2022.

### BENEFIT

The potential benefit of the dam/spillway repair would be to protect the 10-inch sanitary sewer line.

### RECOMMENDATION

Staff recommend approval of an additional \$32,000.00 in construction funds to mitigate erosion and repair the leaking dam/spillway.

**COMPLETED BY:** Patrick P. Wilson

**DATE:** 4/22/2025

**From:** BrokenArrowOK.gov webmaster <[webmaster@brokenarrowok.gov](mailto:webmaster@brokenarrowok.gov)>  
**Sent:** Tuesday, September 17, 2024 4:50 PM  
**To:** Wilson, Patrick <[PWilson@brokenarrowok.gov](mailto:PWilson@brokenarrowok.gov)>; Engineering & Stormwater  
<[engineering.stormwater@brokenarrowok.gov](mailto:engineering.stormwater@brokenarrowok.gov)>  
**Subject:** \*NEW SUBMISSION\* Drainage Advisory Committee Project Application

### **Drainage Advisory Committee Project Application**

**Submission #:** 3490834  
**IP Address:** 50.214.247.170  
**Submission Date:** 09/17/2024 4:49  
**Survey Time:** 8 minutes, 25 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**

Shenandoah Valley at Battle Creek Property Owners Association

#### **Phone**

(918) 892-5365

#### **Email**

[chuck\\_buck@hotmail.com](mailto:chuck_buck@hotmail.com)

#### **Owner Mailing Address**

PO Box 1742

Broken Arrow, OK 74013

#### **Address of Property with Drainage Problem**

N/A

Broken Arrow, OK

#### **Location of Drainage Issue on Property**

West of the intersection of W. Sandusky Street and N. Oak Avenue

#### **Description of Problem**

Earthen dam belonging to our Property Owner Association and about 24 years old is leaking around spillway. Two previous attempted repairs have been unsuccessful. An engineering study of the dam has been completed with recommendations made. A copy of the engineering report is available.

**Please attach photos depicting the Drainage Issue**

Thank you,

**City of Broken Arrow**

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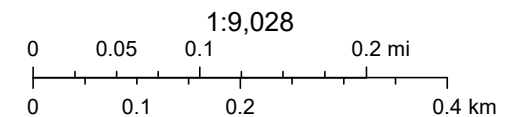
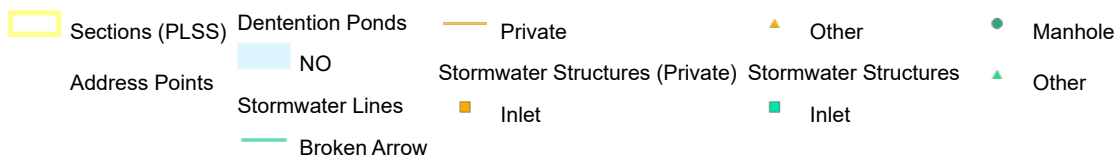
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Thank you,  
**City of Broken Arrow**

# Shenandoah Valley At Battle Creek



8/22/2022, 11:52:35 AM

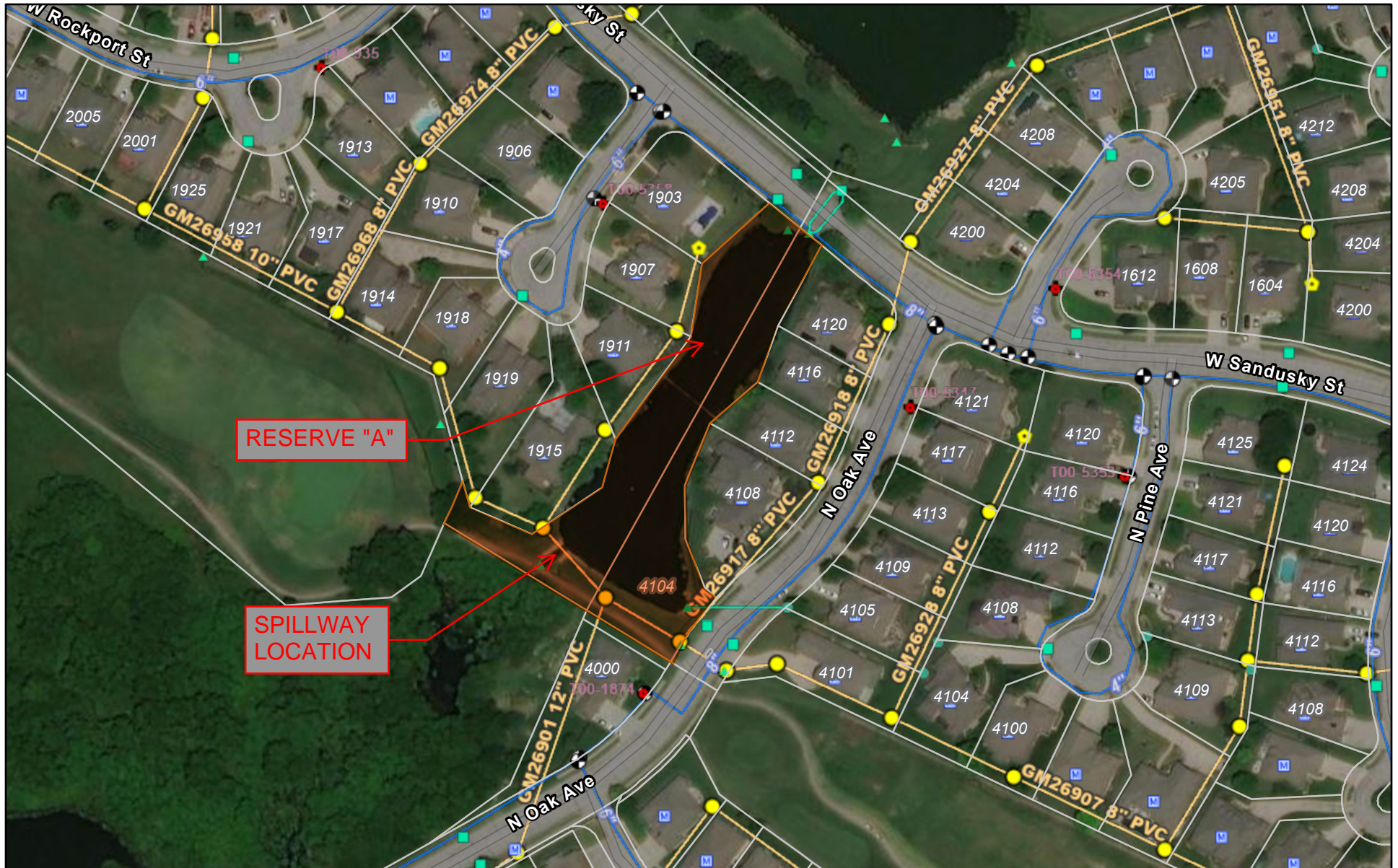


Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, City of Tulsa, US Census Bureau, INCOG, & unknown, Sources: Esri, HERE,

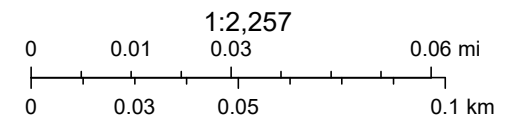
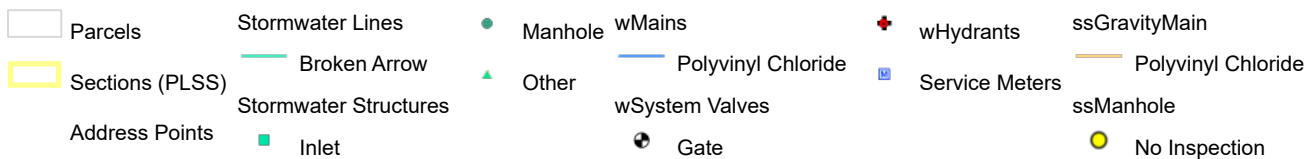
ArcGIS Web AppBuilder



# Aerial View



8/23/2022, 2:46:01 PM



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, City of Tulsa, US Census Bureau, INCOG, & unknown, Sources: Esri, HERE,

ArcGIS Web AppBuilder









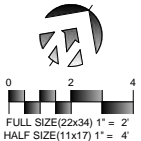
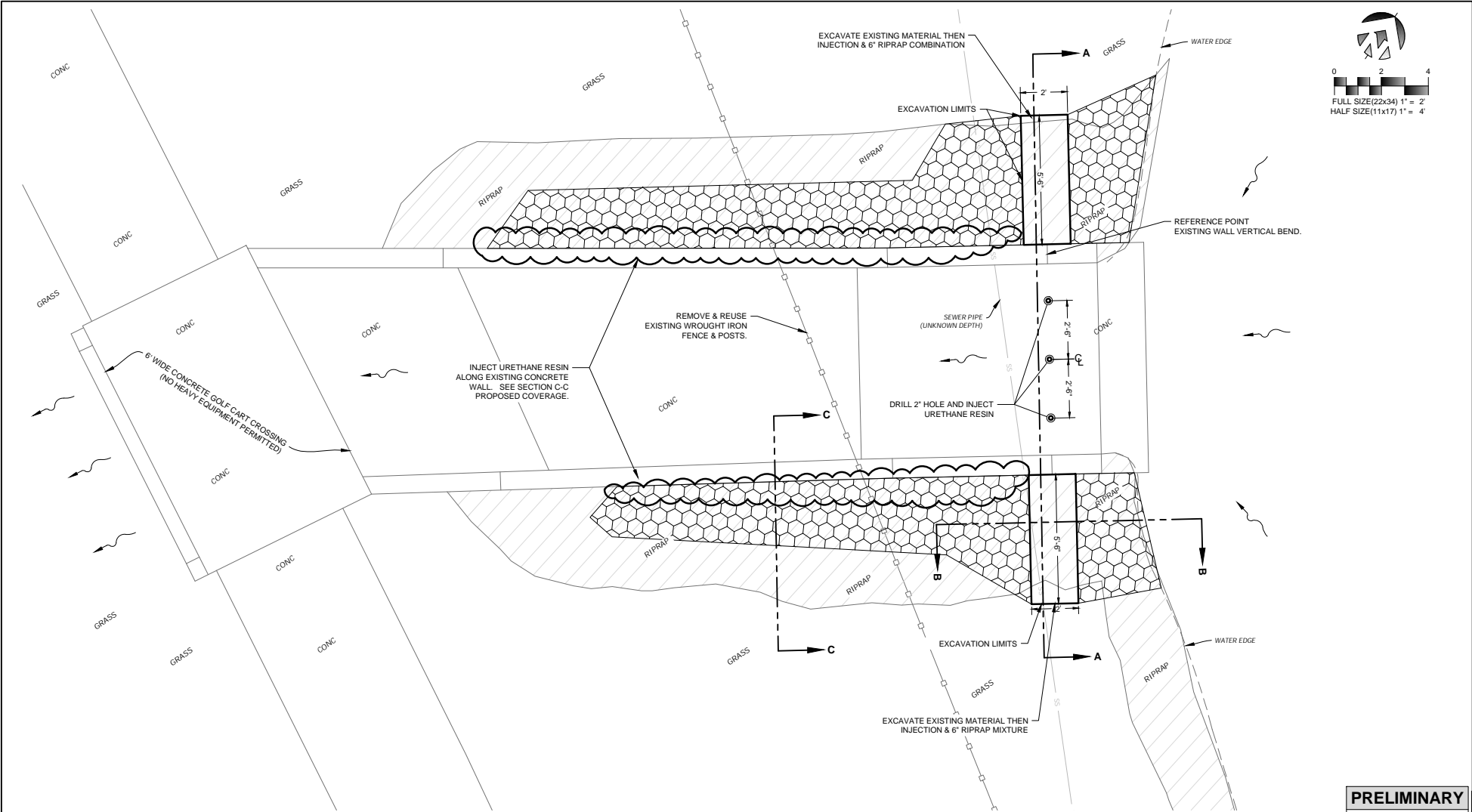












1 PROJECT OVERVIEW  
FULL SIZE SCALE (22x34): 1" = 2'  
HALF SIZE SCALE (11x17): 1" = 4'

**PRELIMINARY**

"This document is preliminary in nature, and is not a final signed and sealed document."

DATE	REVISIONS	DESIGN	DRAFTED	DATE
		DAK	ZLM	10/15/2024
		REVIEWED		PROJECT NO.
				SW23030
		APPROVED		SHEET
				04
				OF
				05