

PROJECT REPORT

DATE:	September 30, 2024
NAME	Shenandoah Valley At Battle Creek POA – Chuck Buck
ADDRESS / LOCATION	Reserve A Shenandoah Valley At Battle Creek
WATERSHED	Ford Creek (unnamed)
ESTIMATE	\$45,000.00
CASE NO.	24-015

DESCRIPTION	
<p>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.</p> <p>Site investigations confirmed that the dam is leaking and eroding around the spillway and that a sanitary sewer is directly under the spillway.</p> <p>Case No. 24-015</p> <p>Original Case No. 22-005 presented 8/29/2022.</p>	
BENEFIT	
<p>The potential benefit of the dam/spillway repair would be to protect the 10-inch sanitary sewer line.</p>	
RECOMMENDATION	
<p>Staff recommend approval of \$45,000.00 in construction funds to mitigate erosion and repair the leaking dam/spillway.</p>	
COMPLETED BY:	Patrick P. Wilson
DATE:	9/30/24

From: BrokenArrowOK.gov webmaster <webmaster@brokenarrowok.gov>
Sent: Tuesday, September 17, 2024 4:50 PM
To: Wilson, Patrick <PWilson@brokenarrowok.gov>; Engineering & Stormwater <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

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

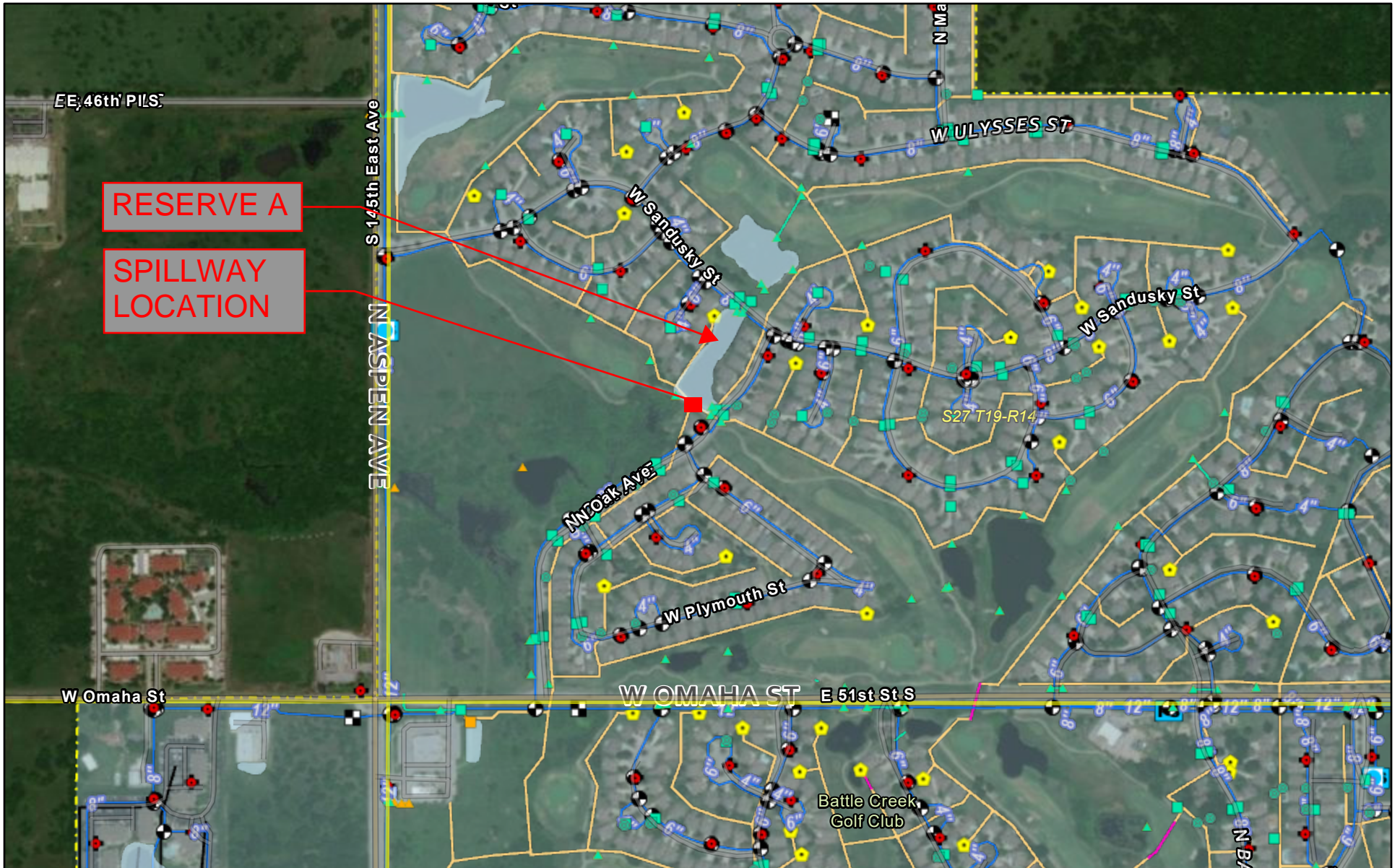
Description of Problem

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

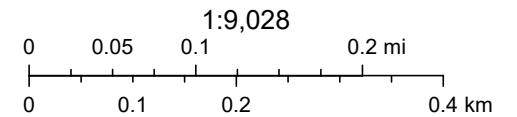
Thank you,
City of Broken Arrow

Shenandoah Valley At Battle Creek



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

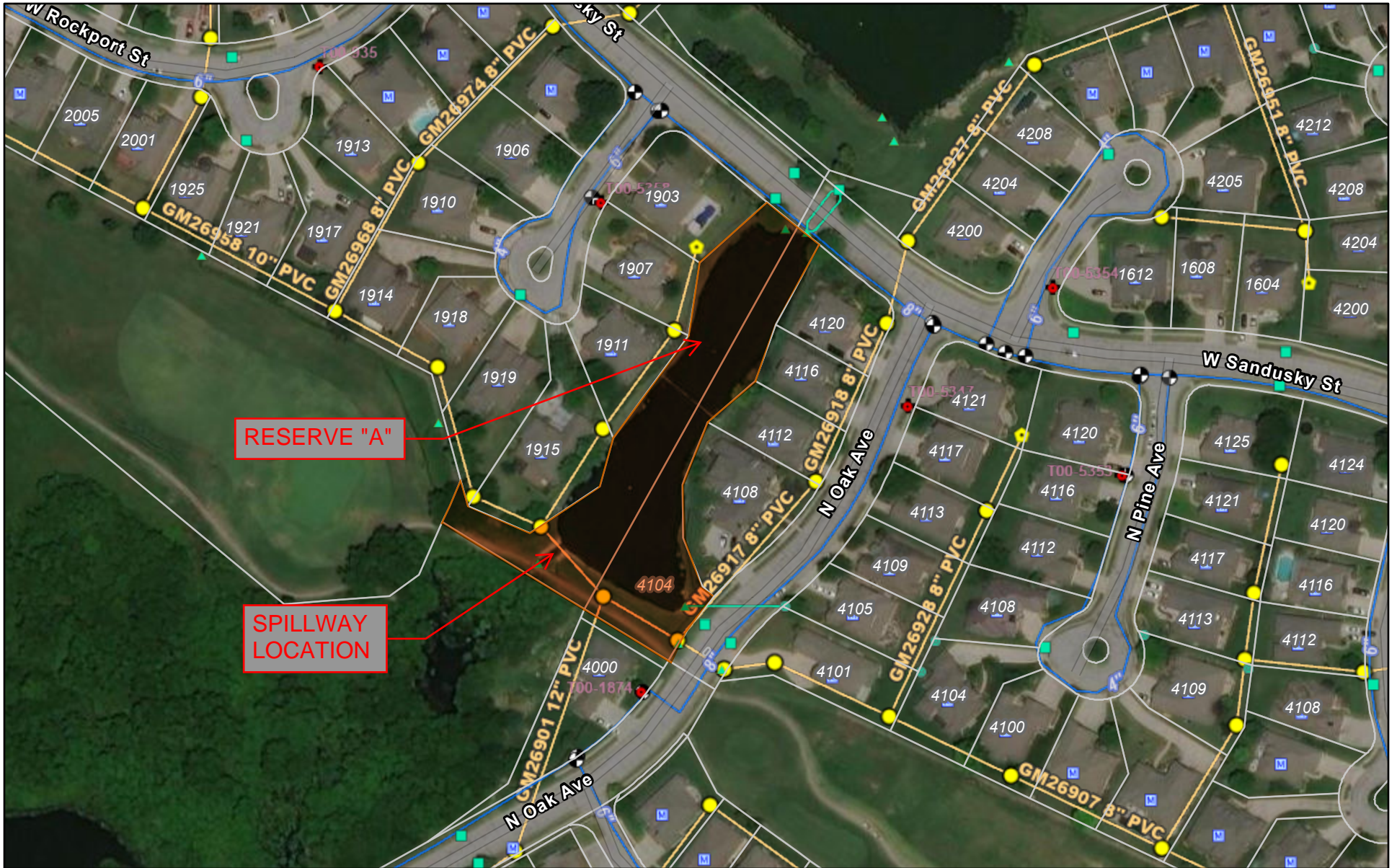
- | | | | | |
|------------------|------------------|---------------------------------|-----------------------|---------|
| Sections (PLSS) | Dentention Ponds | Private | Other | Manhole |
| Address Points | NO | Stormwater Structures (Private) | Stormwater Structures | Other |
| Stormwater Lines | Inlet | Inlet | | |
| Broken Arrow | | | | |



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

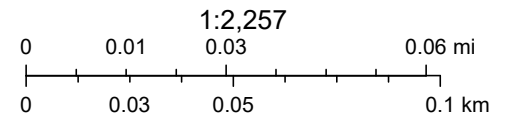
ArcGIS Web AppBuilder

Aerial View



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

- | | | | | | |
|-----------------|-----------------------|---------|--------------------|----------------|--------------------|
| Parcels | Stormwater Lines | Manhole | wMains | wHydrants | ssGravityMain |
| Sections (PLSS) | Broken Arrow | Other | Polyvinyl Chloride | Service Meters | Polyvinyl Chloride |
| Address Points | Stormwater Structures | Gate | wSystem Valves | ssManhole | No Inspection |
| | Inlet | | | | |



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

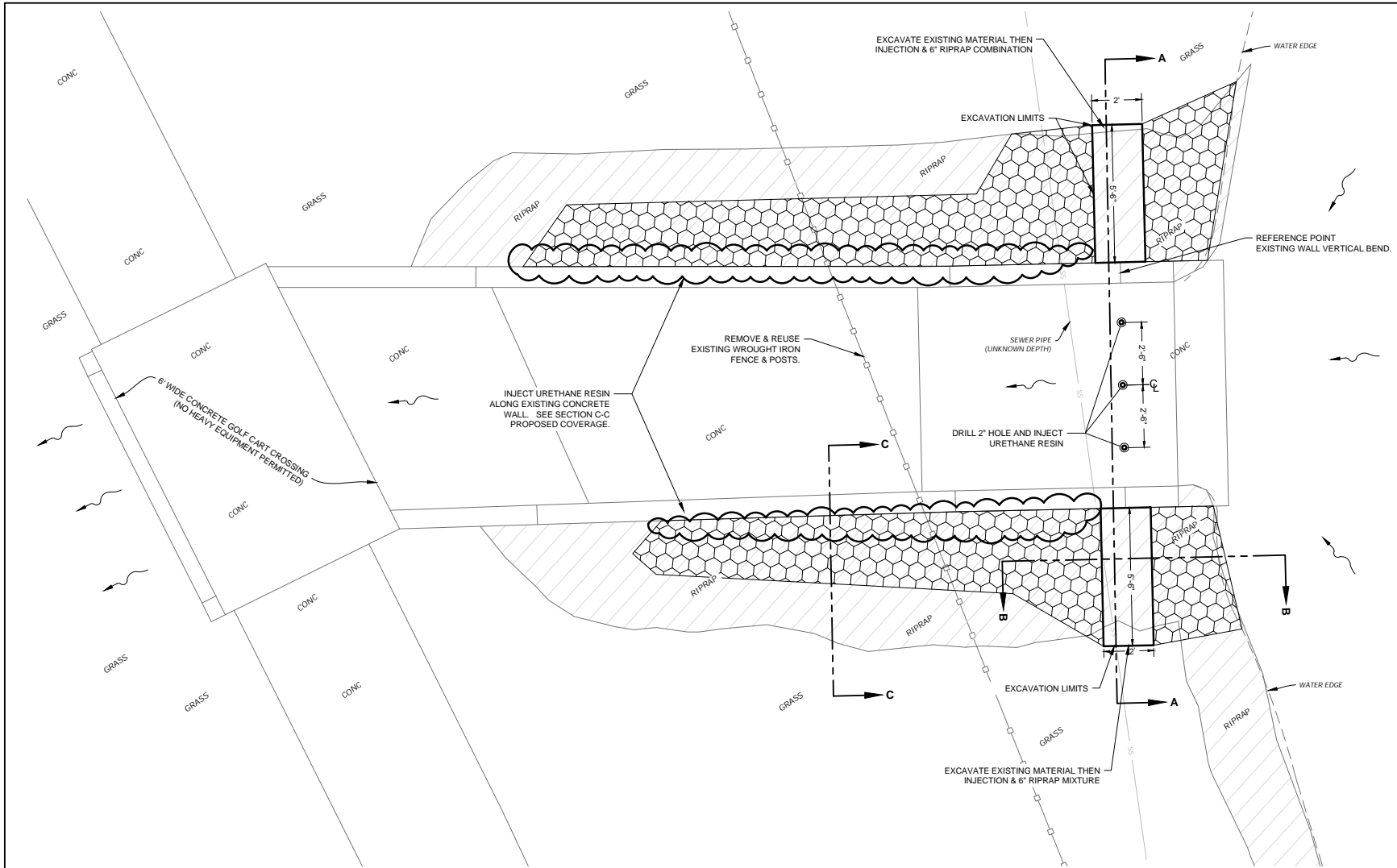
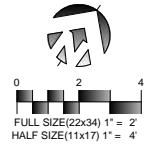
ArcGIS Web AppBuilder











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."



**SHENANDOAH VALLEY AT BATTLE CREEK
 POND OUTLET STRUCTURE
 PROJECT: SW23030**

PROJECT OVERVIEW

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

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