

City of Broken Arrow

Drainage Advisory Committee



PROJECT REPORT

DATE:	03/13/2026
NAME	Scott Ross, Julie Ross
ADDRESS / LOCATION	14400 E. 131 st St
WATERSHED	Aspen Creek
ESTIMATE	\$75,000.00
CASE NO.	26-007

DESCRIPTION

Citizens contacted the City for assistance with clearing a section of Aspen Creek.

This section of the creek has multiple large, downed trees impeding flow and putting a downstream Sanitary Sewer crossing at risk. The sanitary sewer is 21 inches in diameter and was designed in 2008. It also was originally 0.4 ft under the stream bed. Over time the stream bed has eroded and exposed the sanitary sewer line. The sewer is protected in a steel conduit.

The homes in this immediate area have not been platted.

Stream Stats estimates that 1365 acres drains through this portion of the creek, with a peak 1% storm flow rate of 2530 cubic feet per second.

The concept for this project is to contract with a landscaping company to come in and clear the creek of large, downed trees and restore the functionality of the creek. If the project is approved and then completed, the future maintenance responsibility of the channel will remain with the landowners.

The Utility Department will be contacted regarding the exposed sanitary line and a mediation plan will be implemented to protect the line from further erosion or damage.

This is the Aspen Creek Watershed

Case No. 26-007

BENEFIT

Protection of a sanitary sewer line in an shared easement along the backyards of the northern and southern lots.

RECOMMENDATION

Expendig funds to assist with clearing of the creek to restore functionality of drainage path and protect city utilities.

COMPLETED BY: **David Reed**

DATE: **4/22/2026**

***NEW SUBMISSION* Drainage Advisory Committee Project Application**

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

Date Thu 4/2/2026 9:35 AM

To Wilson, Patrick <PWilson@brokenarrowok.gov>; Engineering & Stormwater
<engineering.stormwater@brokenarrowok.gov>

Drainage Advisory Committee Project Application

Submission #: 4737631

IP Address: 70.189.113.188

Submission Date: 04/02/2026 9:35

Survey Time: 10 minutes, 47 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

Steve Abernathy

Phone

(918) 850-2073

Email

etlandscaping@yahoo.com

Owner Mailing Address

13031 S. 143rd E.Ave
Broken Arrow, OK 74011-2343

Address of Property with Drainage Problem

13031 S. 143rd E.Ave
Broken Arrow, OK

Location of Drainage Issue on Property

East side of property which is Aspen Creek

Description of Problem

The water flow in storm water runoff has increased causing greater creek bank erosion. This is causing numerous trees to fall into the creek. Down stream there is a 36inch sewer line at risk of damage from debris flowing downstream. Help with removal these large trees is our request.

Please attach photos depicting the Drainage Issue

[IMG_8844.jpeg](#)

Thank you,

City of Broken Arrow

Drainage Advisory Committee

[illegible]

05-08-2020

Aerial Map

Legend

Applicants Property

Aspen

W Jasper St

S Chestnut Ave

W Kingsport Ct

Smartdogtrainer

Best Choice Guttering

Aspen crossing

Google Earth

Image Landsat / Copernicus

S Beech Ave

600 ft



Stormwater Utility Map



4/14/2026 4:01 PM

Creeks

City Owned Detention Ponds

Private Detention Ponds

Fenceline

City Limits

Streams

SubDivisions

Parcels (INCOG)

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

Flood Hazard Boundaries

Line Type

Limit Lines

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

Bridge

Dam, Other

Transect

Coastal

Levees

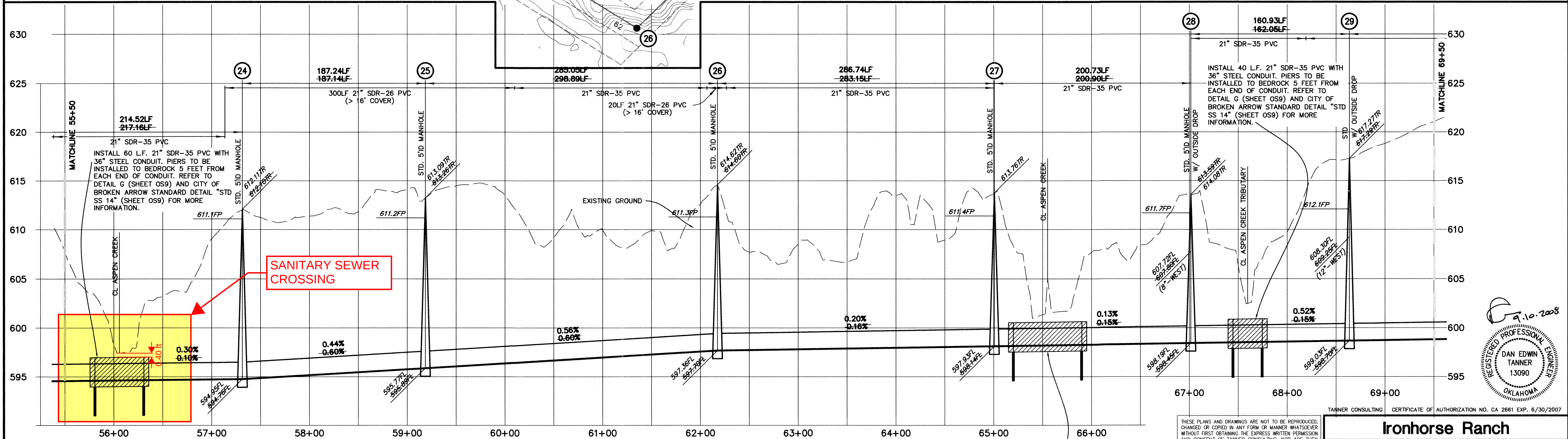
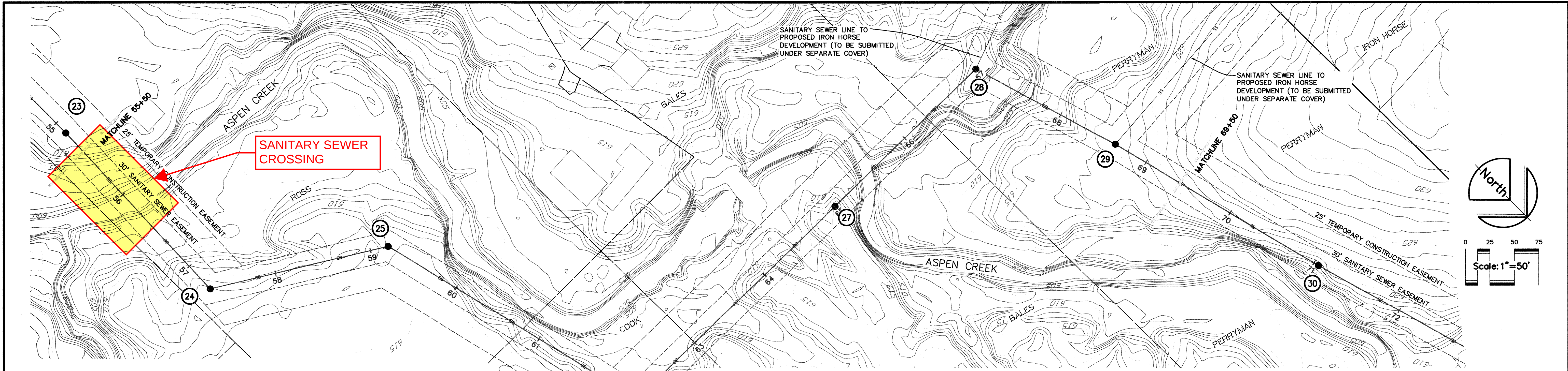
Base

Cross-Profile

Political

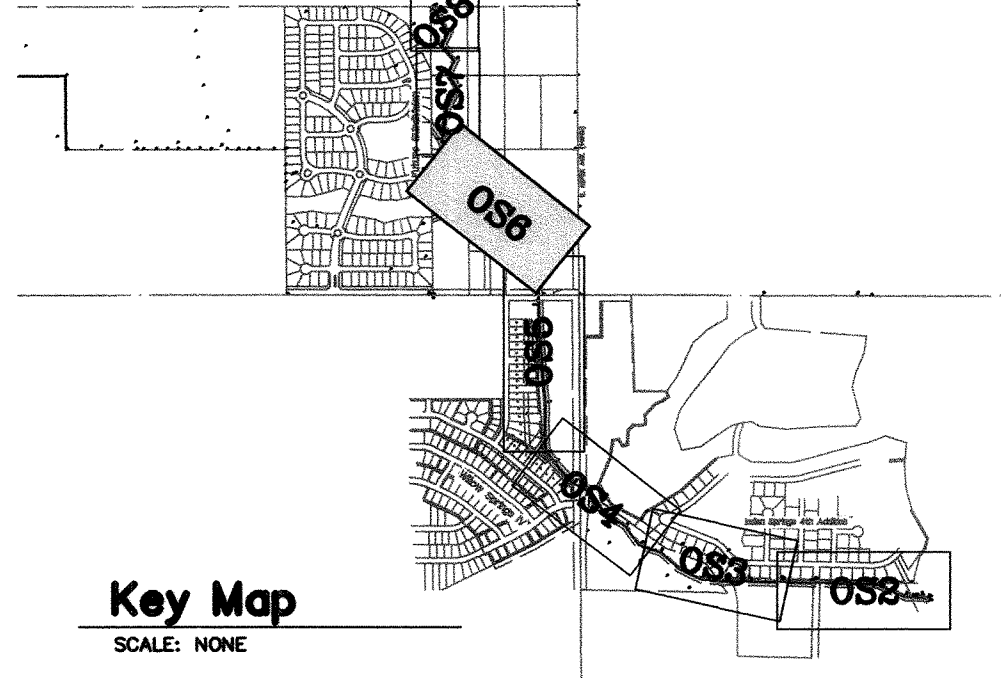
This map's utility information is for general purposes only. The City of Broken Arrow makes no warranties regarding its accuracy, completeness, or reliability. Use of this information is at risk.

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



Benchmark 1
PK NAIL SET IN PARKING LOT
SOUTH OF INDIAN SPRINGS 4TH
ADDITION, WEST OF S. FAWNWOOD
COURT
N: 2355.15 E: 9938.84
ELEV.=586.64' (NAVD 1988)

Benchmark 2
3/8" IRON PIN W/ RED CAP
APPROX. 60' SW OF PSO TOWER
NEAR SW CORNER OF INDIAN
SPRINGS 4TH ADDITION
N: 2370.59 E: 8623.17
ELEV.=589.57' (NAVD 1988)



- Legend**
- LINE LABEL
PIPE LENGTH
PIPE SIZE/TYPE
- A** 00.0LF 8" PIPE
- EXISTING PROPOSED
- (A)** ○ MANHOLE **(1)**
(a) ⊙ LAMP HOLE **(a)**
- XXX.XFP : 100-YEAR FLOODPLAIN ELEVATION
XXX.XXTR : TOP OF RIM ELEVATION
XXX.XXFL : FLOWLINE ELEVATION

INSTALL 80 L.F. 21" SDR-35 PVC WITH
36" STEEL CONDUIT. PIERS TO BE
INSTALLED TO BEDROCK 5 FEET FROM
EACH END OF CONDUIT. REFER TO
DETAIL G (SHEET OS9) AND CITY OF
BROKEN ARROW STANDARD DETAIL "STD
SS 14" (SHEET OS9) FOR MORE
INFORMATION.

Record Plans

TO THE BEST OF MY KNOWLEDGE,
FROM THE INFORMATION AVAILABLE,
THIS PLAN IS IN SUBSTANTIAL
COMPLIANCE WITH FIELD CONSTRUCTION.

DAN E. TANNER, P.E., P.L.S.
9/10/2008

THESE PLANS AND DRAWINGS ARE NOT TO BE REPRODUCED,
CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER
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CONSULTING ARE UNAUTHORIZED, AND SHALL RELIEVE
TANNER CONSULTING OF RESPONSIBILITY FOR ALL
CONSEQUENCES ARISING OUT OF SUCH CHANGES.

ALL CONSTRUCTION TO BE IN STRICT ACCORDANCE
WITH CURRENT CITY OF BROKEN ARROW PUBLIC WORKS
DEPARTMENT SPECIFICATIONS, INCLUDING O.D.O.T.
1999 EDITION.

REVISION	BY	DATE
AS-BUILT RECORD DRAWING	TRB	09/10/08

PLAN SCALE
1"=50'

PROFILE SCALE
1"=50'

HORIZONTAL:
1"=50'

VERTICAL:
1"=5'

FILE: PROJECT: 25021.03
ATLAS PAGE NO:

Ironhorse Ranch
Offsite Sanitary Sewer Plans
Broken Arrow, Oklahoma

PLANS AND
ESTIMATE
PREPARED BY:
TANNER CONSULTING
CERTIFICATE OF AUTHORIZATION NO. CA 2661 EXP. 6/30/2007

Tanner Consulting, LLC
5323 SOUTH LEWIS AVENUE • TULSA, OKLAHOMA 74105 • (918)745-9929

APPROVED
**OFFSITE SANITARY
SEWER PLAN & PROFILE**

RECOMMENDED
DEVELOPMENT SERVICES
RECOMMENDED
ENGINEERING SERVICES

PUBLIC WORKS DIRECTOR

DATE:
SHEET **OS6** OF 10 SHEETS

Aerial Map

Legend

Aspen

Partner with the Utilities Department on mediation of sanitary crossing erosion

Sanitary Crossing

Creek Flowline

W Jasper St

Clear portion of creek of large downed trees. Some bank stabilization with Rip Rap to help protect some remaining large trees.

S Chestnut Ave

Smartdogtrainer

W Jasper St

S Beech Ave

600 ft

