

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

Expending 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

Aerial Map

Legend

Applicants Property

Aspen

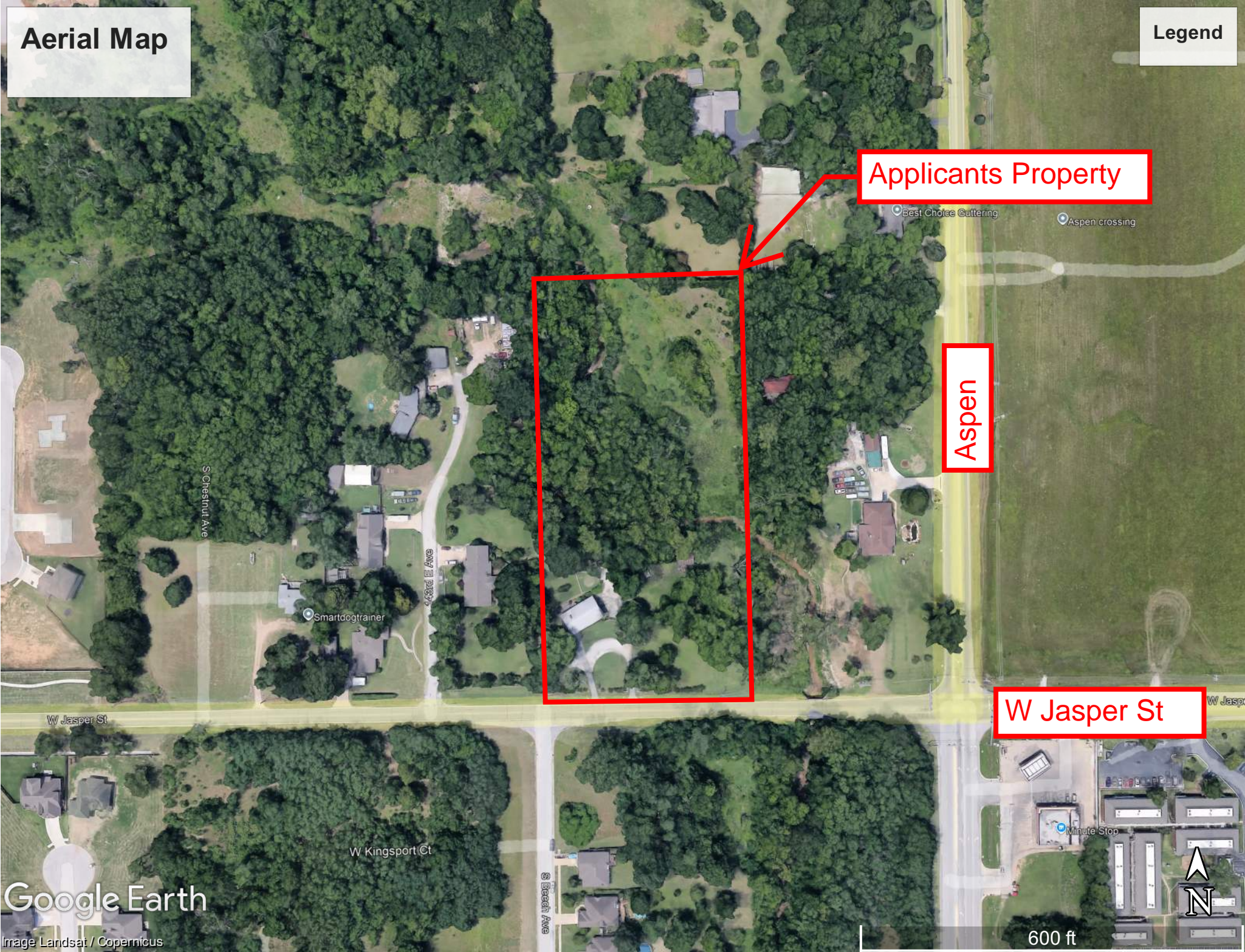
W Jasper St

Google Earth

Image Landsat / Copernicus



600 ft



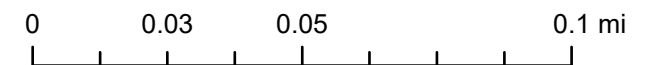
Stormwater Utility Map



4/14/2026 4:01 PM

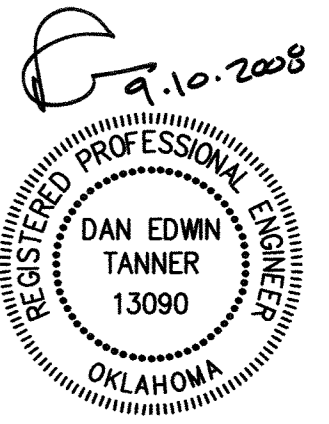
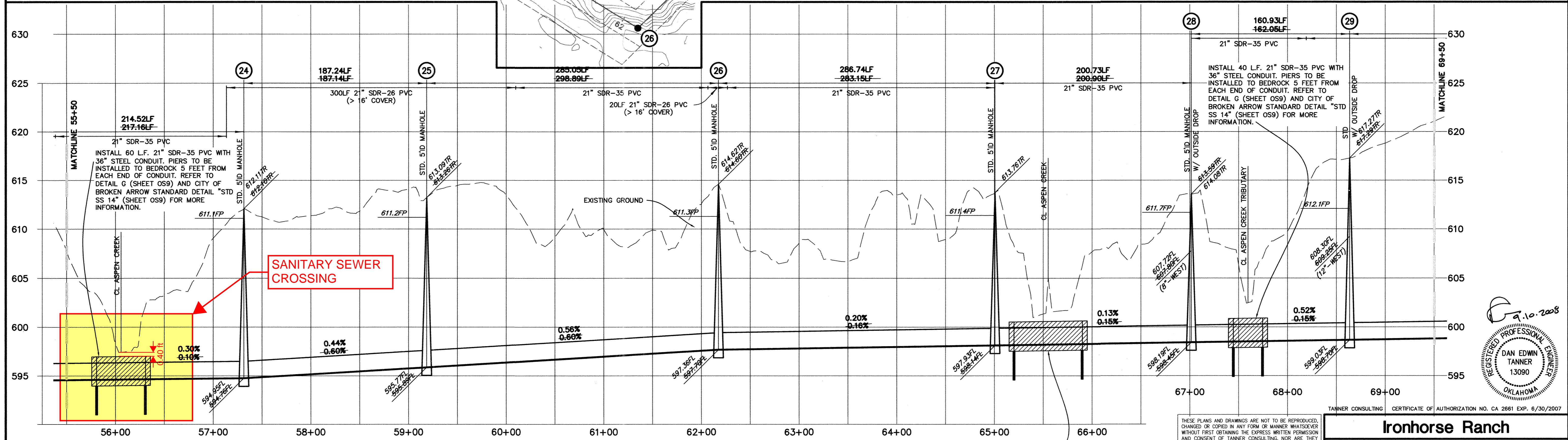
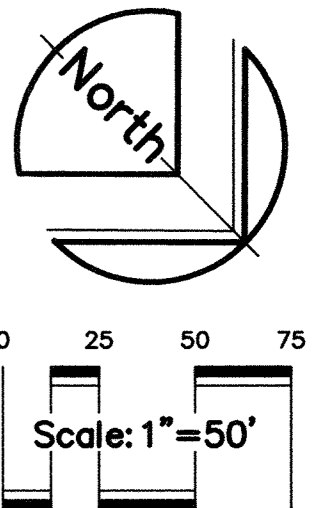
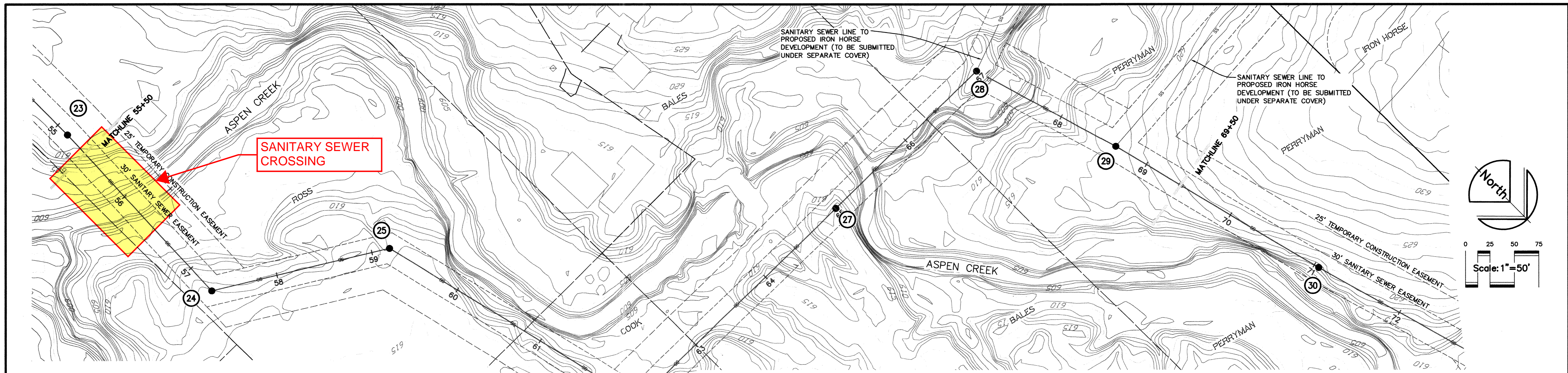
- | | | | | |
|---|--|---|--|--|
| <ul style="list-style-type: none"> Creeks City Owned Detention Ponds Private Detention Ponds Fenceline City Limits Streams SubDivisions Parcels (INCOG) Primary Frontal Dunes | <p>Flood Hazard Zones</p> <p>Zone Type</p> <ul style="list-style-type: none"> 1% Annual Chance Flood Hazard Regulatory Floodway Special Floodway Area of Undetermined Flood Hazard 0.2% Annual Chance Flood Hazard | <ul style="list-style-type: none"> Future Conditions 1% Annual Chance Flood Hazard Area with Reduced Risk Due to Levee Area with Risk Due to Levee <p>Flood Hazard Boundaries</p> <p>Line Type</p> <ul style="list-style-type: none"> Limit Lines | <ul style="list-style-type: none"> SFHA / Flood Zone Boundary Flowage Easement Boundary Limit of Moderate Wave Action River Mile Markers <p>General Structures</p> <p>Structure Type</p> <ul style="list-style-type: none"> Flood Structure Bridge | <ul style="list-style-type: none"> 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.



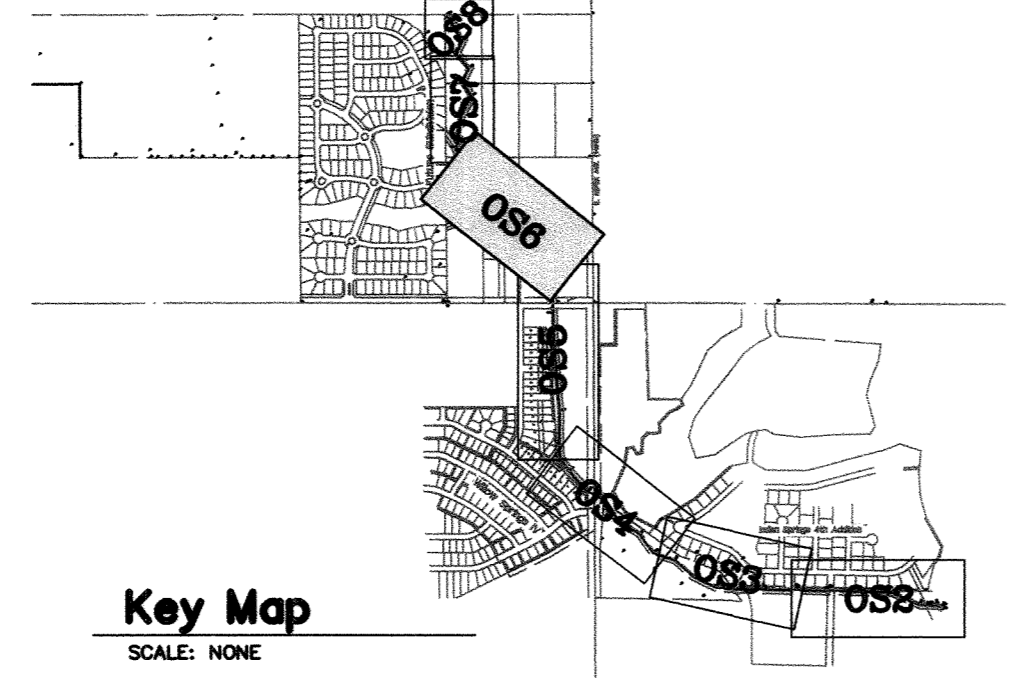
Microsoft, Vantor, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community





Benchmark 1 \blacklozenge
 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 \blacklozenge
 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
 A 00.0LF 8" PIPE

PIPE SIZE/TYPE

EXISTING PROPOSED

(A) (a) MANHOLE (1) (d) LAMPHOLE

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 WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF TANNER CONSULTING, NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT OBTAINING SAID WRITTEN PERMISSION AND CONSENT. ANY CHANGES MADE FROM THESE PLANS WITHOUT CONSENT OF TANNER 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

Ironhorse Ranch
Offsite Sanitary Sewer Plans
Broken Arrow, Oklahoma

PLANS AND ESTIMATE PREPARED BY: **Tanner Consulting, LLC**
 5323 SOUTH LEWIS AVENUE • TULSA, OKLAHOMA 74105 • (918)745-9929

PLAN SCALE: 1"=50'
 PROFILE SCALE: 1"=50'
 HORIZONTAL: RECOMMENDED
 DEVELOPMENT SERVICES: RECOMMENDED
 VERTICAL: 1"=5'
 ENGINEERING SERVICES: RECOMMENDED

APPROVED: _____
 PUBLIC WORKS DIRECTOR

FILE: _____ PROJECT: 25021.03 DATE: _____
 ATLAS PAGE NO: _____ SHEET OS6 OF 10 SHEETS

TE_PWD TB_PWD_F



EXISTING UNDERGROUND LINES HAVE BEEN SHOWN TO THE EXTENT KNOWN AND PLANS HAVE BEEN SENT TO THE AFFECTED UTILITY OWNERS FOR VERIFICATION OF EXISTING LINES. BEFORE YOU DIG, CONTACT OKIE: 1-800-522-6543.

A T & T COMPANY
 TCI CABLEVISION OF TULSA
 OKLAHOMA NATURAL GAS COMPANY
 SOUTHWESTERN BELL TELEPHONE COMPANY
 PUBLIC SERVICE COMPANY OF OKLAHOMA

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.

