

## PROJECT REPORT

DATE:	8//22
NAME	Len Villalon
ADDRESS / LOCATION	46 Cedar Ridge Road
WATERSHED	Haikey Creek
ESTIMATE	\$80,000.00
CASE NO.	

DESCRIPTION	
<p>Cedar Ridge Estates subdivision is West of Garnett Road and North of Florence St and was platted in 1971. The Reserve Area is platted as a drainage easement. However, the reserve area is privately owned. It was initially sold by the developer at the same time to the same person who purchased Lot 16 in 1984, Lot 16 and the reserve are is currently owned by Mr. Villalon.</p> <p>The original design outlet of the culvert under Cedar Ridge Road was to an open ditch. A junction box was added to the downstream culvert connecting the cross road culvert and the driveway culverts on the west side of Cedar Ridge Road. The pipe out-letting from the junction box is a private 30 inch corrugated metal pipe. The private pipe is failing and causing sink holes in the reserve area. The failing pipe could cause a blockage and back water up onto Cedar Ridge Road.</p> <p>Stormwater runoff from approximately 10 acres of the Cedar Ridge Estates subdivision drains through the reserve area. The 10 acres generates about 30 cfs of flow.</p> <p>The estimated construction cost for the project is \$80,000.00 in 2024 dollars.</p> <p>The original case no. is 22-002 presented on 02-28-2022.</p>	
BENEFIT	
<p>Repair drainage way downstream of the culvert under Cedar Ridge Road to protect the roadway.</p>	
RECOMMENDATION	
<p>Staff recommends approval of \$80,000 for construction of drainage improvements downstream of the Cedar Ridge Road Culver.</p>	
<b>COMPLETED BY:</b>	<b>Chuck Collins</b>
<b>DATE:</b>	<b>8/22/2023</b>

# City of Broken Arrow

## Drainage Advisory Committee



### APPLICATION

DATE:	August 22, 2023
OWNER NAME:	City of Broken Arrow
PHONE NUMBER:	
EMAIL ADDRESS:	
OWNER MAILING ADDRESS:	
ADDRESS OF PROPERTY WITH DRAINAGE PROBLEM:	46 W Cedar Ridge Road, Broken Arrow, OK 74011
LOCATION OF DRAINAGE ISSUE ON PROPERTY:	Reserve lot north of above address.

<b>DESCRIPTION OF PROBLEM: (*PHOTOS SHOULD ACCOMPANY APPLICATION)</b>	
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<b>SIGNATURE:</b>	

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





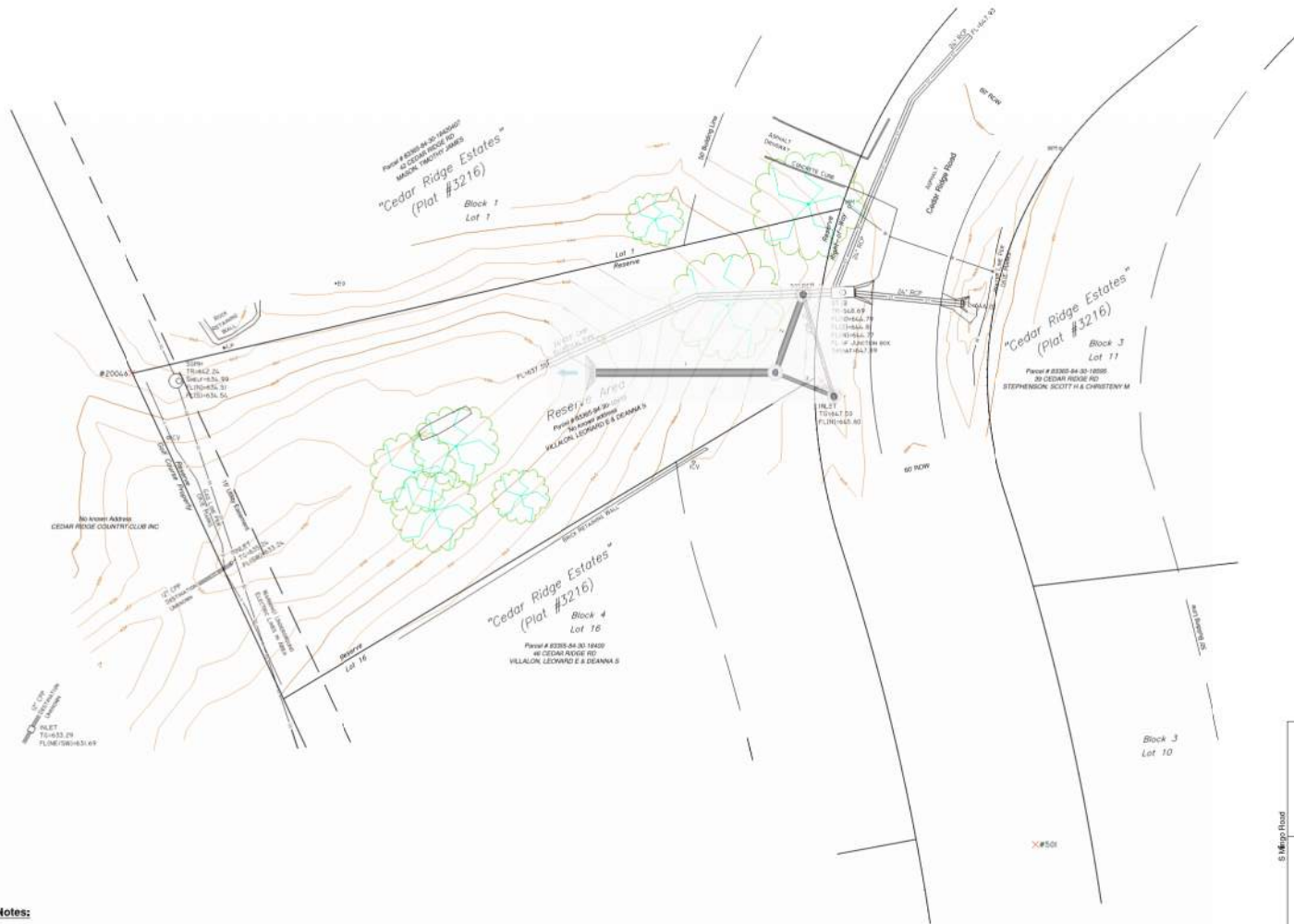








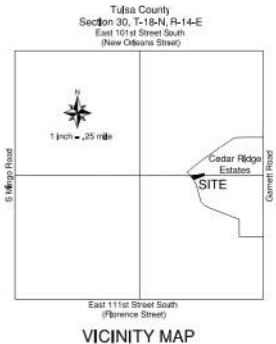




Scale: Inch / Feet

- Legend:**
- CPF = CONCRETE PLASTIC PIPE
  - CPM = CORRUGATED METAL PIPE
  - EO = ELECTRIC OUTLET
  - FL = FURNACE
  - FCV = FLOW CONTROL VALVE
  - LP = LUMP PUMP
  - RCF = REINFORCED CONCRETE PIPE
  - SDPH = SANITARY SEWER MANHOLE
  - STPH = STORM SEWER MANHOLE
  - TS = TOP OF GRADE
  - TR = TOP OF ROAD
  - WH = WATER METER
  - S - = GAS LINE
  - SS - = SANITARY SEWER
  - ST - = STORM SEWER
  - W - = WATERLINE

**Notes:**  
 Horizontal Datum and Bearings based on Oklahoma State Plane North GCS. Distances are in feet.  
 Vertical Datum NAVD 1985.  
 Right-of-Way and lot lines shown per property monuments.  
 An OHE sketch was called for this project. Water and Gas lines are shown per OHE Maps. Caution: underground lines may not be shown or shown accurately. Call "OHE" (1-800-522-6543) before digging.



VICINITY MAP

TOPOGRAPHIC SURVEY		
Cedar Ridge Estates Storm Project		
Survey Date: April 27th, 2022	Issue Date: April 29th, 2022	Revised:
Project #: 2204028	Drafter:	Sheet 1 of 1
Scale: 1" = 20'	Approved:	

BEFORE YOU DIG.

CALL OHE  
1-800-522-6543

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
00	374675.06	2602937.90	648.23	3/8" REBAR
01	374958.70	2603090.21	654.45	FLAG NAIL IN ASPHALT ROAD
02	374288.63	2602966.94	653.77	FLAG NAIL IN ASPHALT ROAD
03	374613.47	2602973.29	653.60	FR. NAIL IN ASPHALT ROAD
20046	374677.70	2602977.73	641.49	3/8" REBAR

# PHOTOGRAPH LOG



*Figure 1 West Property line looking east*



*Figure 3 Outfall*



*Figure 2 Outfall looking west*



*Figure 4 Sinkhole Picture*



*Figure 5 Sinkhole Picture*



*Figure 7 Cedar Ridge Rd Culvert - downstream*



*Figure 6 Cedar Ridge Rd culvert - upstream*