City of Broken Arrow

Drainage Advisory Committee



PROJECT REPORT

DATE:	September 18, 2020	
NAME	Jerry Wilkins	
ADDRESS / LOCATION	8451 S. 9th Street	3
WATERSHED	Broken Arrow Creek	
ESTIMATE	\$70,000	
CASE NO.	20-003	3

DESCRIPTION

Stormwater runoff from the Lakes at Indian Springs, Indian Springs Manor, The Oaks at Indian Springs and a portion of the Indian Springs Golf Course drains into a private man-made channel and is conveyed southeast through Indian Springs Manor and discharges through a box culvert underneath 9st Street immediately north of Natchez Avenue into a private drainage way and pond. The private drainage way and pond are owned by Mr. Jerry Wilkins. He has recently constructed the water feature and has worked with the city to mitigate previous drainage concerns along this property. At the east end of the pond is the earthen dam and overflow spillway. The City's Lynn Lane Trunk Sewer which collects wastewater flows from both the County Line Trunk Sewer system and the Broken Arrow Creek Trunk Sewer system run immediately to the east of the pond. The pond serves as an energy dissipater and protects our main trunk sewer system to the Lynn Lane Treatment Facility.

BENEFIT

The City will receive a benefit by slowing the water down and protecting the waterway system that serves as an energy dissipater to the main trunk sewer line to the Lynn Lane Treatment Facility.

RECOMMENDATION

Staff recommends that the DAC recommends approval expenditure up to \$70,000 of Proposition No. 6 funds for this proposed project.

COMPLETED BY: Kenneth D. Schurb DATE: 09-21-20

City of Broken Arrow

Drainage Advisory Committee



APPLICATION

DATE:	September 16, 2020
OWNER NAME:	Jerry Wilkins
PHONE NUMBER:	918-808-1640
EMAIL ADDRESS:	jerrywilkins@cox.net
OWNER MAILING ADDRESS:	8451 S. 9th Street, Broken Arrow, OK 74012
ADDRESS OF PROPERTY WITH DRAINAGE PROBLEM:	8451 S. 9 th Street, Broken Arrow, OK 74012
LOCATION OF DRAINAGE ISSUE ON PROPERTY:	9 th Street and Natchez Avenue

DESCRIPTION OF PROBLEM:	(*PHOTOS SHOULD ACCOMPANY APPLICATION)
Drainage culvert underneath 9th Street	t has been enlarged, but the velocities are still high and tend to erode my
property. I am looking for assistance fi	rom the city to safe-guard and protect my property from the high velocities
resulting from the runoff upstream. The	e City and I have had a good working relationship specifically regarding
this drainage area and the subsequent	trunk sewer line running along the dam of the pond. Photos are attached.
Annual and the second s	
Signature: Jerry Wilkins	

Schwab, Kenneth

From:

Cox < jerrywilkins@cox.net>

Sent:

Saturday, September 19, 2020 8:09 AM

To:

Schwab, Kenneth

Cc:

Wilson, Patrick; Jerry - Personal; Doyle DB Wilkins

Subject:

Re: DAC Case 20-002/ 2

<u>CAUTION!</u> This email originated from outside of the City of Broken Arrow network. Do not click links or open attachments unless you recognize the sender and know the content is safe. code rgiad

I approve the following: the City of Broken Arrow has my approval to make an application to the Drainage Advisory Committee on my behalf.

I sincerely appreciate your promptness and attention to this issue!

Let me know if you need anything else on my behalf. Take care.

Respectfully,

Jerry W. Wilkins 918-808-1640

On Sep 18, 2020, at 3:06 PM, Schwab, Kenneth <kschwab@brokenarrowok.gov> wrote:

Jerry,

We are trying to get an item placed in front of the Drainage Advisory Committee for erosion protection along your drainage way. Can you simply same you approve for us to make application on your behalf. We are asking for \$70,000. We will let it go as far as it can not to exceed the channel entry way into the widening out of the pond.

Kenneth D. Schwab, P.E., CFM

Assistant City Manager – Operations

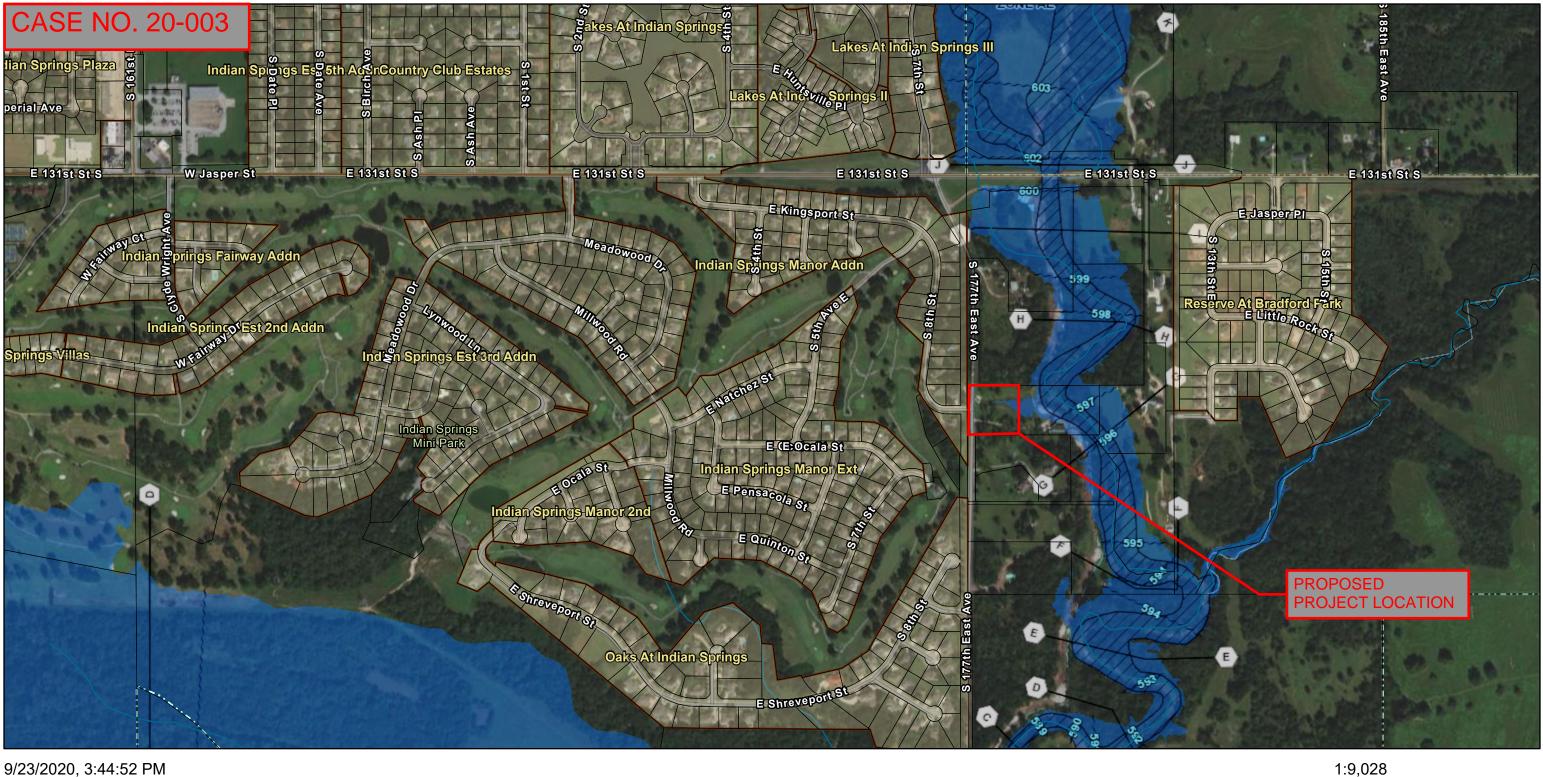
City of Broken Arrow Phone: 918-259-2400

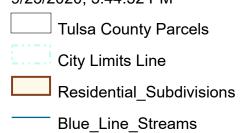
Ext. 5419 (Administrative) and 5519 (Direct)

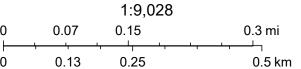
Email: kschwab@brokenarrowok.gov

<image001.png>

Broken Arrow Web Map

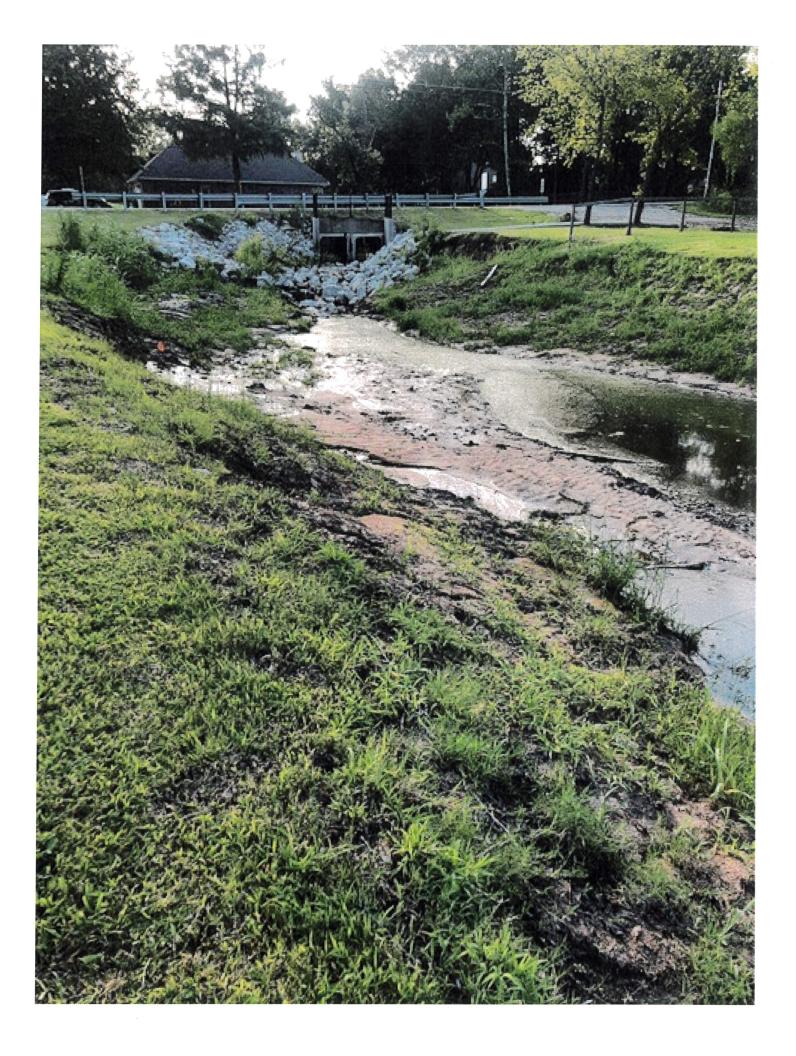


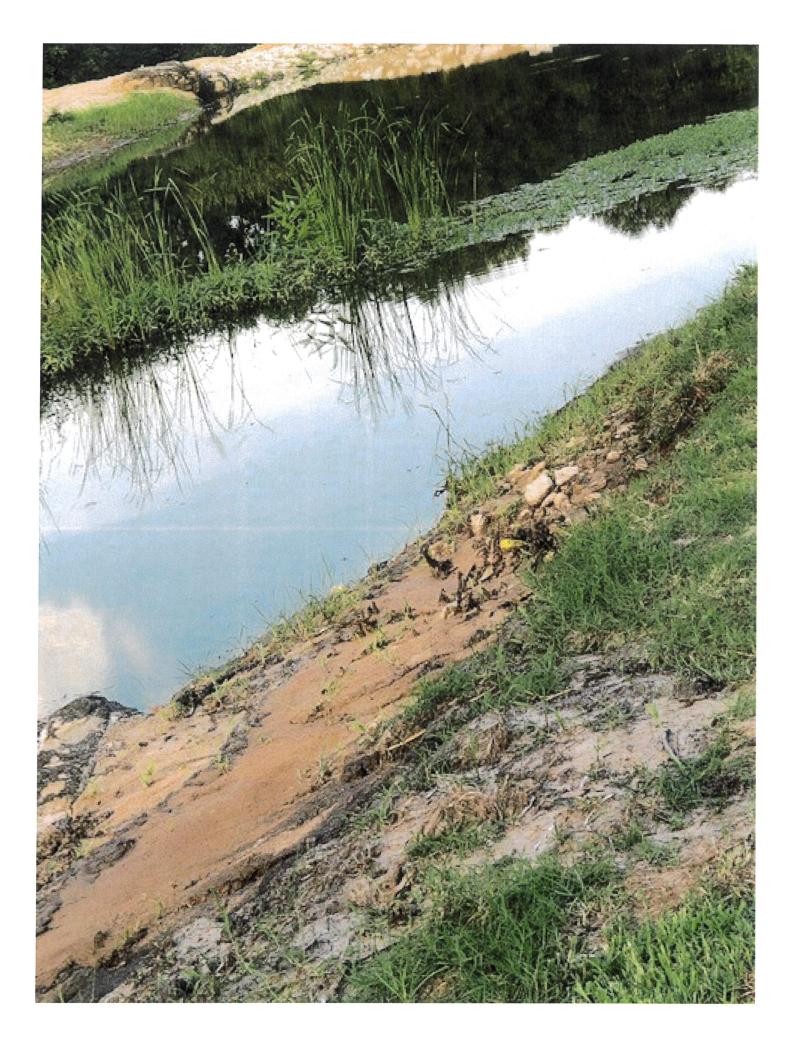




Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community







			CITY OF BROKEN ARROW ENGINEERING & CONSTRUCTION DEPARTMENT	V					
Section	JER	RY WIILKINS	S EROSION CONTROL PROJECT AT I	NINTH STR	EET & N	IATCHEZ			
Preference Pay team Description Pay Note Units Cuantity Unit Cost Extern			CONSTRUCTION COST ESTIM	IATE					
916/2020 916/2020 14 Petert Petiminary Petimina									
The Figure Pay item Description Pay Note Units Quantity Unit Cost Extern	Date:	9/16/2020							
Perliminary	Prepared By:	J. Herbert							
15.00% Pay item Description Pay Note Units Guantity Unit Cost Exten 209	Type:	Preliminary							
15,00%	Current Year:	2020							
15.00% Pay Item Description Pay Note Units Quantity Unit Cost Extended Construction Cost Stock	Annual Inflation:								
ODOT Spec Pay Item Description Pay Note Double Units Quantity Unit Cost Extension 209 MACHINE GRADING, BORROW DITCH LF 164 \$10,00 \$1,00 \$1,00 \$2,0	Contingency:	15.00%							
DOOT Spec									
230(A) SOLID SLAB SODDING STATE	Number	ODOT Spec	Pay item Description	Pay Note	Units	Quantity	Unit Cost	Extension	
303(A) SOLID SLAB SODDING SY S56.00 \$5.77 303(A) AGGREGATE BASE TYPE A	1	209	MACHINE GRADING, BORROW DITCH		11	164	\$10.00	\$1.640.00	
303(A) AGGREGATE BASE TYPE A TON RIDGO \$6,33 TYPE 1 PLAIN RIPRAP (18-24") TON RIDGO \$44,55 601(B) REMOVAL OF FENCE LF 40,00 \$55.00 \$44,55 612(B) REMOVAL OF FENCE LF 40,00 \$55.00 \$51,00 624 [E) A' CHAIN LINK FENCE, BLACK VINYL COATED LF 40,00 \$55.00 \$51,00 624 [E) A' CHAIN LINK FENCE, BLACK VINYL COATED LF 40,00 \$55.00 \$51,00 624 [E) A' CHAIN LINK FENCE, BLACK VINYL COATED LF 40,00 \$55.00 \$51,00 624 [E) A' CHAIN LINK FENCE, BLACK VINYL COATED LF 40,00 \$55.00 \$51,00 624 [E) A' CHAIN LINK FENCE, BLACK VINYL COATED EST.	2	230(A)	SOLID SLAB SODDING		SY	556.00	\$5.00	\$2.780.00	
TYPE 1 PLAIN RIPRAP (18-24") TON \$10.00 \$55.00 \$44,5 \$619(8) REMOVAL OF FENCE	3	303(A)	AGGREGATE BASE TYPE A		S	70.00	\$90,00	\$6,300.00	
619(B) REMOVAL OF FENCE LF 40.00 \$5.00 \$7.00 624 (E) 4' CHAIN LINK FENCE, BLACK VINYL COATED LF 40.00 \$25.00 \$1.00 624 (E) 4' CHAIN LINK FENCE, BLACK VINYL COATED LF 40.00 \$25.00 \$1.00 624 (E) 4' CHAIN LINK FENCE, BLACK VINYL COATED LF 40.00 \$25.00 \$1.00 624 (E) 4' CHAIN LINK FENCE, BLACK VINYL COATED \$25.00 \$21.00 624 (E) 4' CHAIN LINK FENCE, BLACK VINYL COATED \$25.00 \$21.00 624 (E) 4' CHAIN LINK FENCE, BLACK VINYL COATED \$25.00 \$25.00 624 (E) 624 (See above) \$67.00 624 (See above) \$67.00 625 (See above) \$67.00 626 (See above) \$67.00 627 (See above) \$67.00	4	601(A)	TYPE 1 PLAIN RIPRAP (18-24") (6' deep pressed into ground)		NOT	810.00	\$55.00	\$44 550 00	
624 (E) 4' CHAIN LINK FENCE, BLACK VINYL COATED LF 40.00 \$25.00 \$3,500.00 \$3,5	5	619(B)	REMOVAL OF FENCE		1	40.00	\$5.00	\$200.00	
641 MOBILIZATION	9	624 (E)	4' CHAIN LINK FENCE, BLACK VINYL COATED		5	40.00	\$25.00	\$1,000.00	
\$58,3 \$8,7 \$ 67,0 \$67,0	7	641	MOBILIZATION		LS	1.00	\$3,500.00	\$3,500.00	
\$58,3 \$67,0 \$70,4 \$67,0									
\$87,7 \$67,0 \$70,4							TOTAL	¢58 330 00	
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\$67,0 \$70,4 \$67,0						2020 Prelimina	rry Contingency	\$8,700.00	
\$67,0 \$70,4 \$67,0									
\$70,4 \$67,0					2020 Tot	tal Estimated Co	nstruction Cost:	\$67,030.00	
\$67,0					2021 Tot	tal Estimated Co	nstruction Cost:	\$70,423.00	+
\$67,0									
							Budget	\$0.00	
							Cost (see above)	\$67,030.00	
							10 To Parity	00 000 200	

use #70,000