

City of Broken Arrow

Drainage Advisory Committee



PROJECT REPORT

DATE:	6/8/23
NAME	Patrick Wilson, PE, CFM, Stormwater Division Manager, City of Broken Arrow
ADDRESS / LOCATION	901-913 W Fargo Dr, Broken Arrow, OK
WATERSHED	Haikey Creek
ESTIMATE	\$55,000.00
CASE NO.	23-002

DESCRIPTION

The proposed project location is in the Stone Wood Crossing Subdivision north of E Albany St and west of N Elm Pl.

From 901-913 W Fargo Dr, there appears to be groundwater seeping through driveways and sidewalks into the gutter and street. Observations noted most residents in the area have installed French drains to help drain the yards. The groundwater contains iron, which has turned the driveways and sidewalks red. The iron in the groundwater has also caused algae to form in certain areas, causing a potential slipping hazard.

The estimated construction cost to repair the sidewalks, driveways, and install the drainage system is \$55,000.

BENEFIT

Remove the water from the sidewalk eliminating the potential pedestrian hazard.

RECOMMENDATION

Installation of a French drain under the sidewalk to transport the groundwater to the storm sewer system.

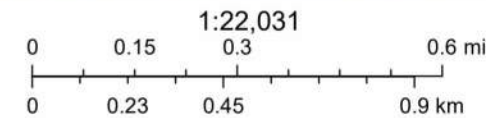
COMPLETED BY: Patrick P. Wilson

DATE: 6/8/23

Stormwater Utility Map



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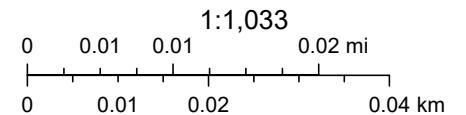
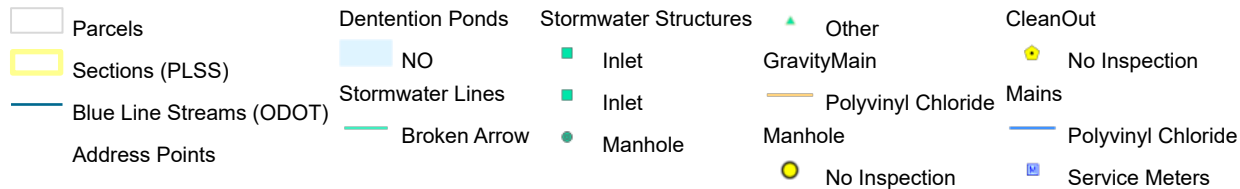


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Location Map



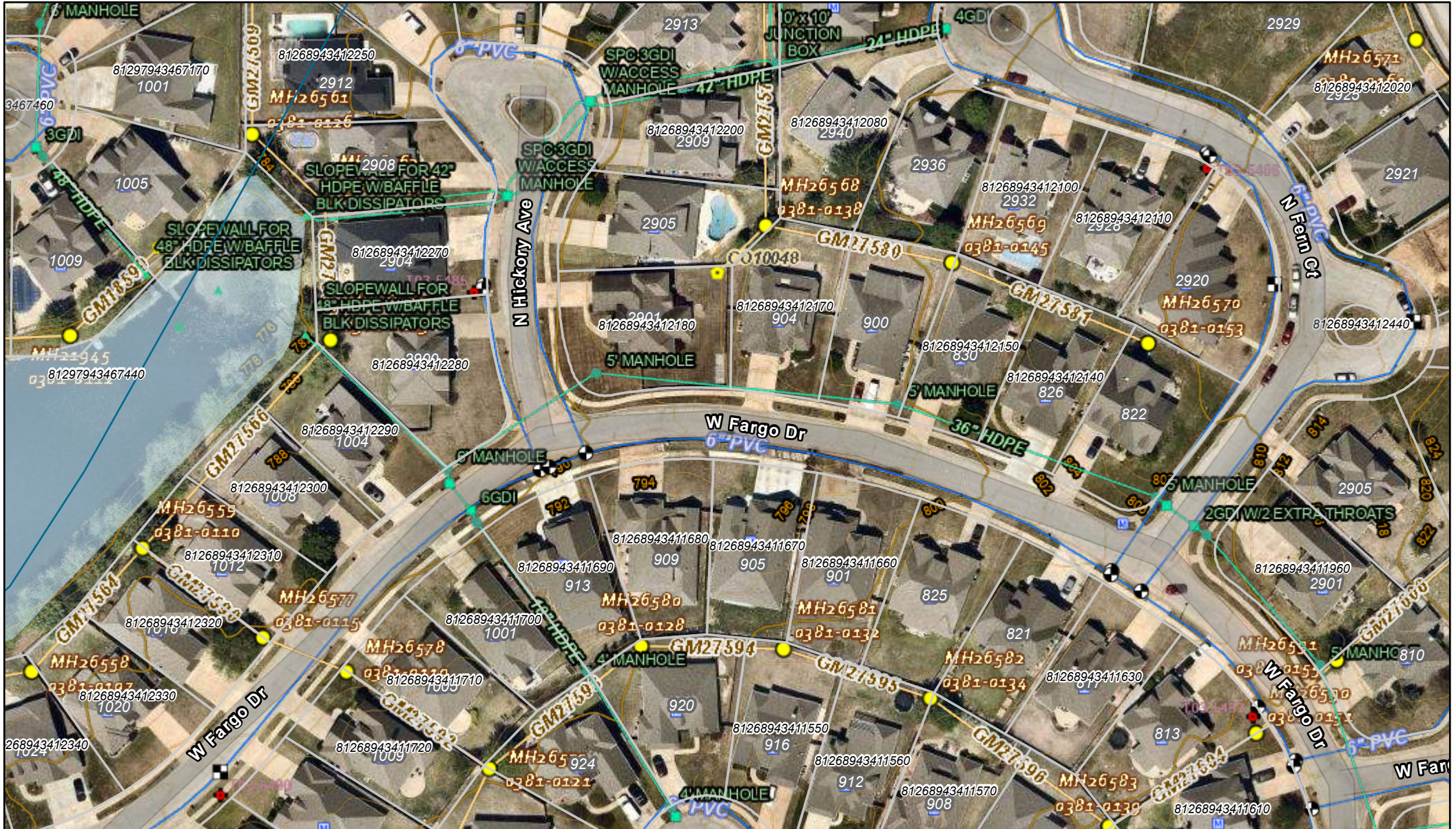
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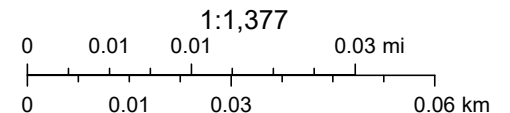
City of Broken Arrow

Stormwater Utility Map



6/1/2023, 10:53:04 AM

Parcels	Detention Ponds	Stormwater Structures	Manhole	GravityMain	CleanOut
Sections (PLSS)	NO	Inlet	Other	Polyvinyl Chloride	No Inspection
Blue Line Streams (ODOT)	Stormwater Lines	Inlet	Other	Manhole	Mains
Address Points	Broken Arrow	Manhole		No Inspection	Polyvinyl Chloride
					Service Meters



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City of Broken Arrow

Google Maps 909 W Fargo Dr

Broken Arrow, Oklahoma

Google Street View

Jun 2022

See more dates

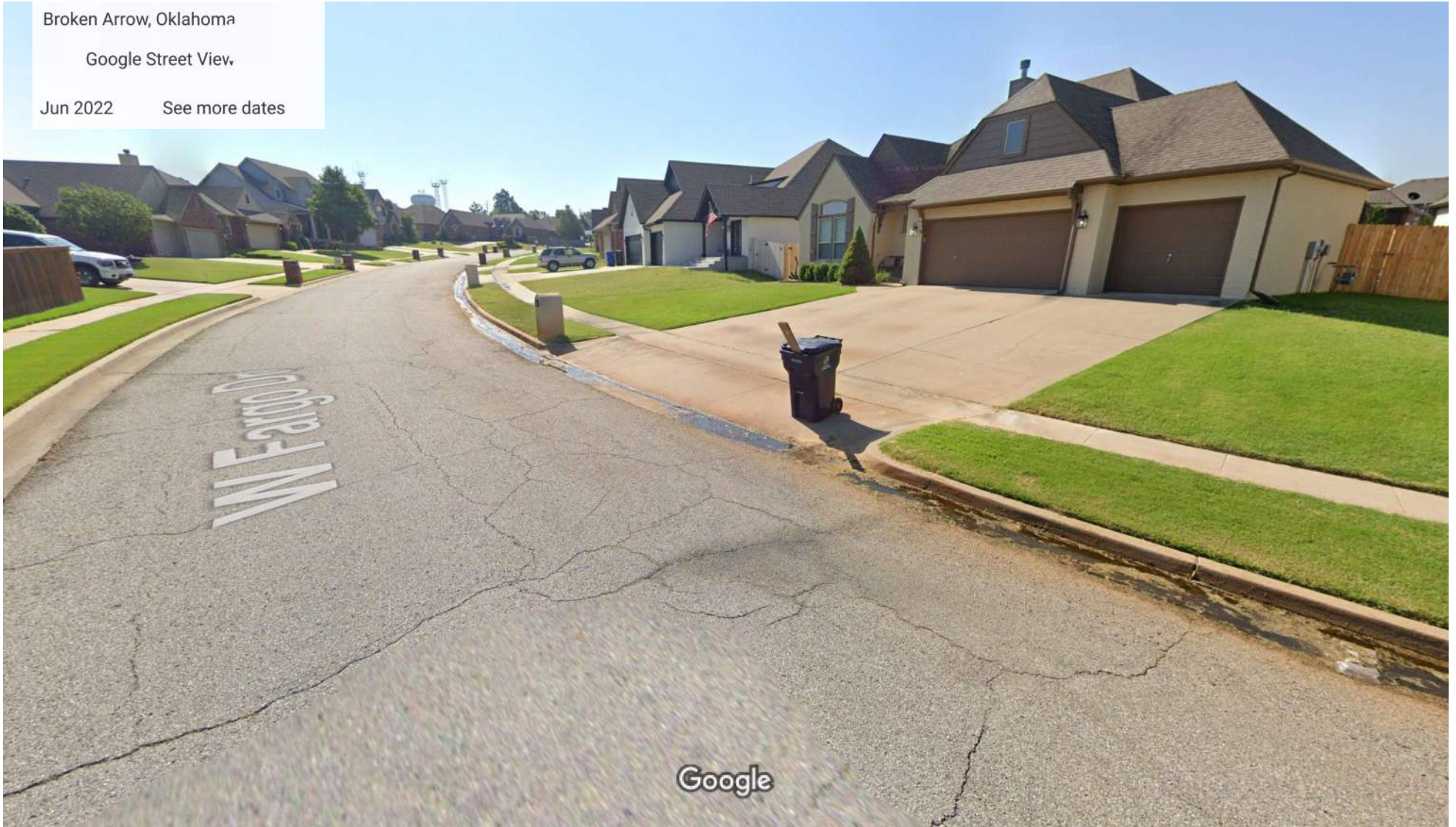


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Google Maps 904 W Fargo Dr

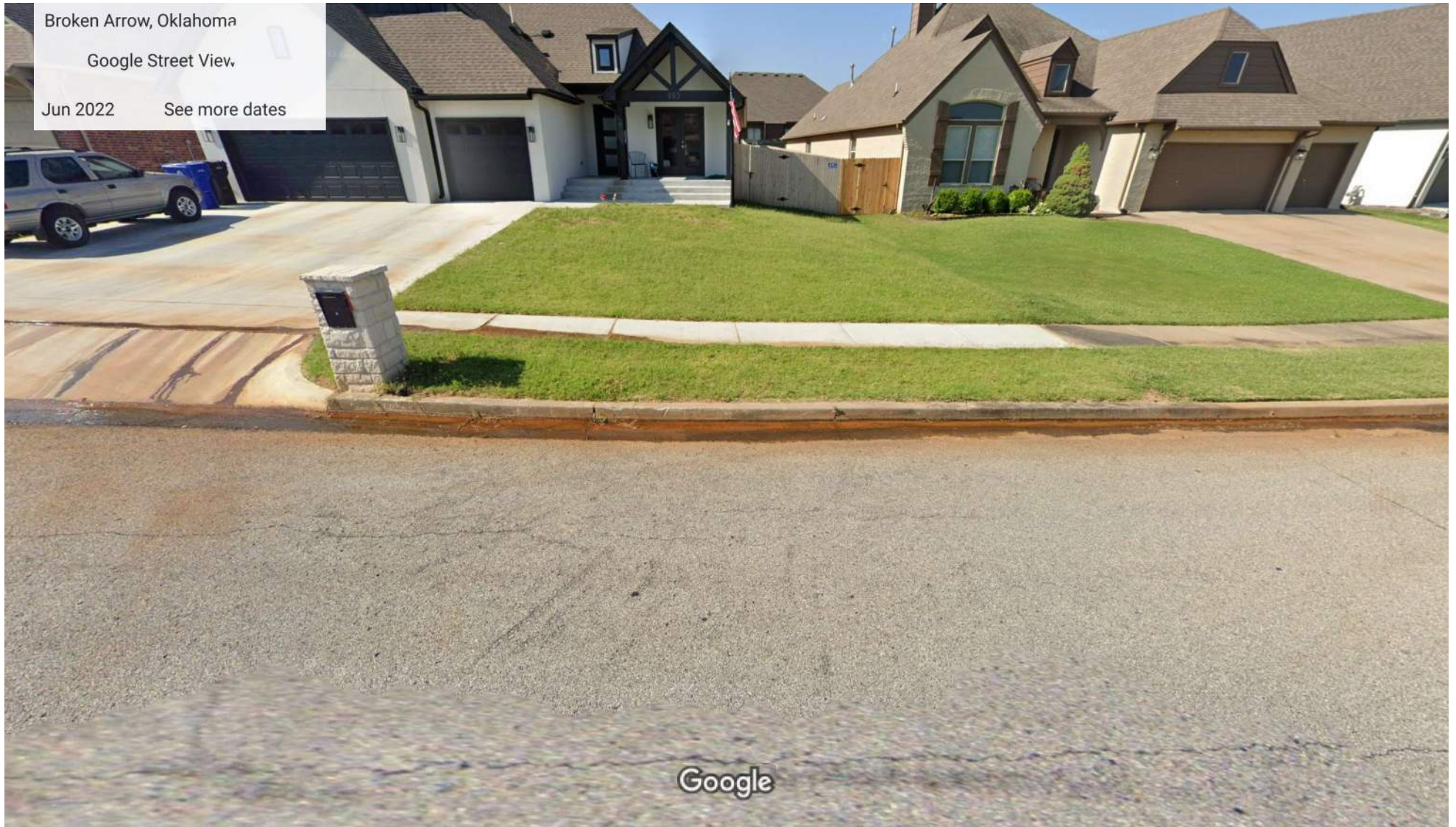


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Google Maps 901 W Fargo Dr

Broken Arrow, Oklahoma

Google Street View

Jun 2022

See more dates



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