

CHANGE DETECTION

Oklahoma County Assessor's Office

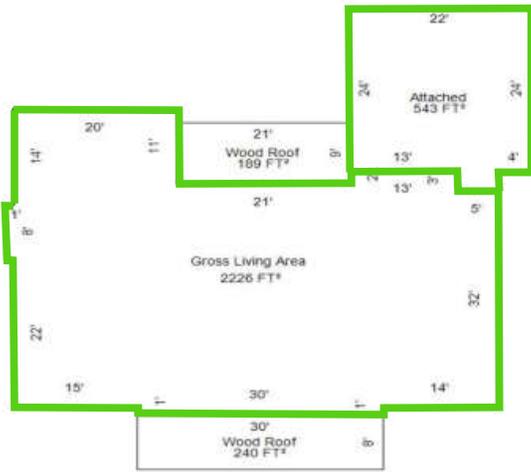


"Change is inevitable"

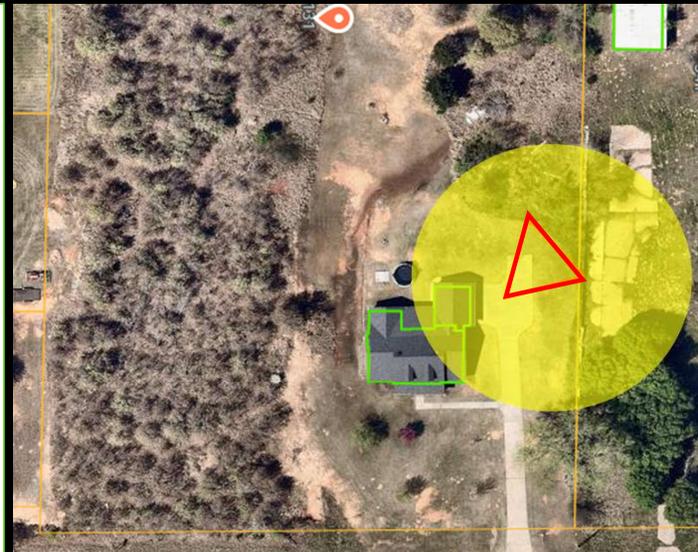
Change detection process

CAMA Sketch

Export as shapefile
and geo-reference on aerial

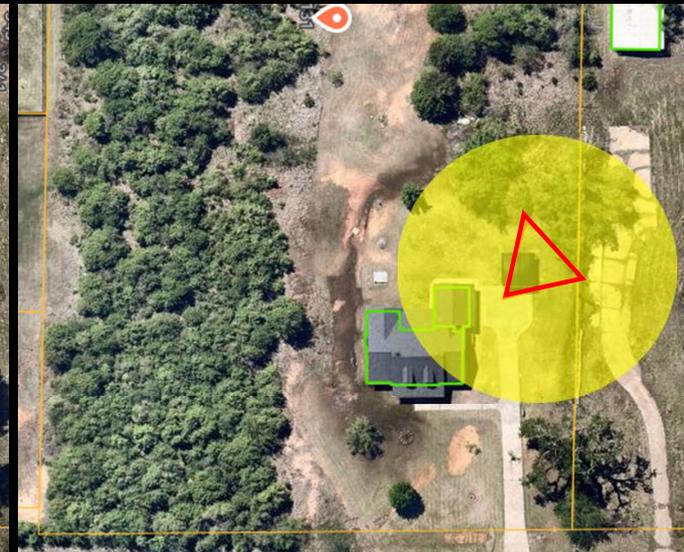


Create Building Footprint



Before

Identify Change

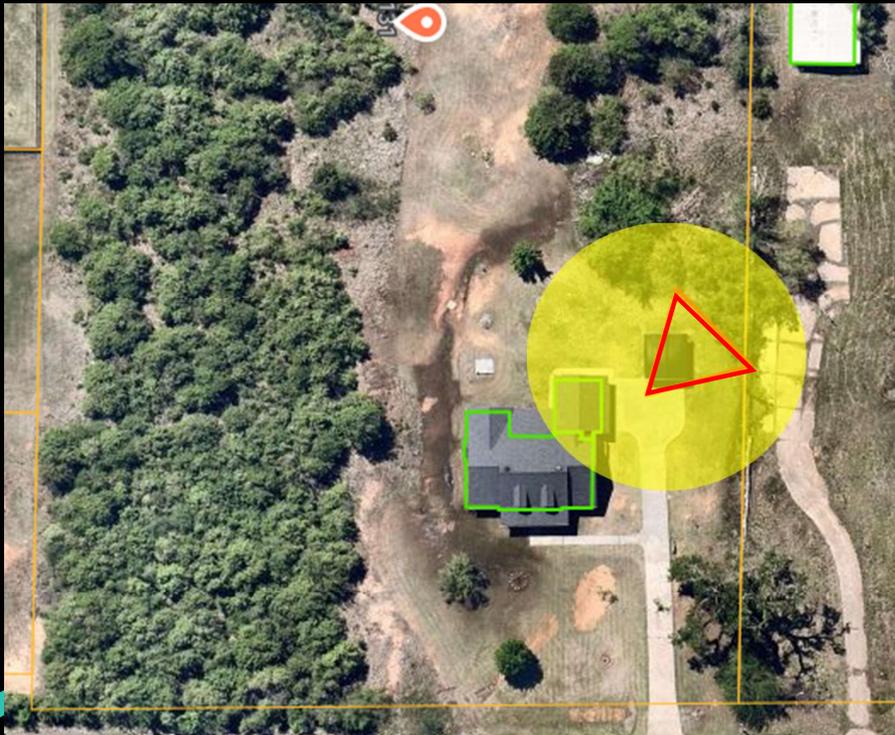


After

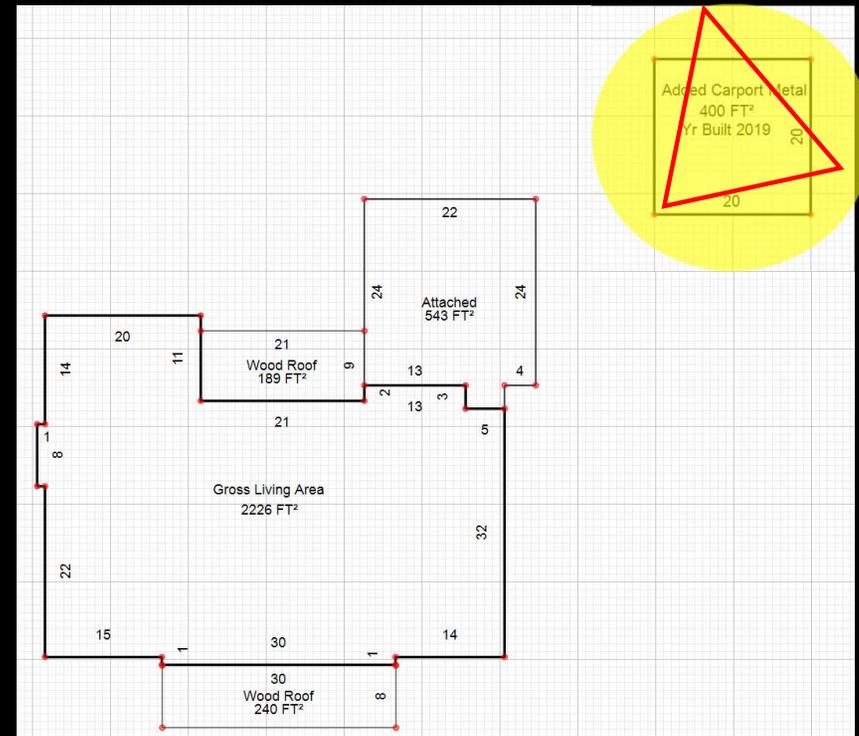
(Found: Carport)

Is it enclosed? Oblique photos will show us.

Aerial With Footprint



Updated Sketch



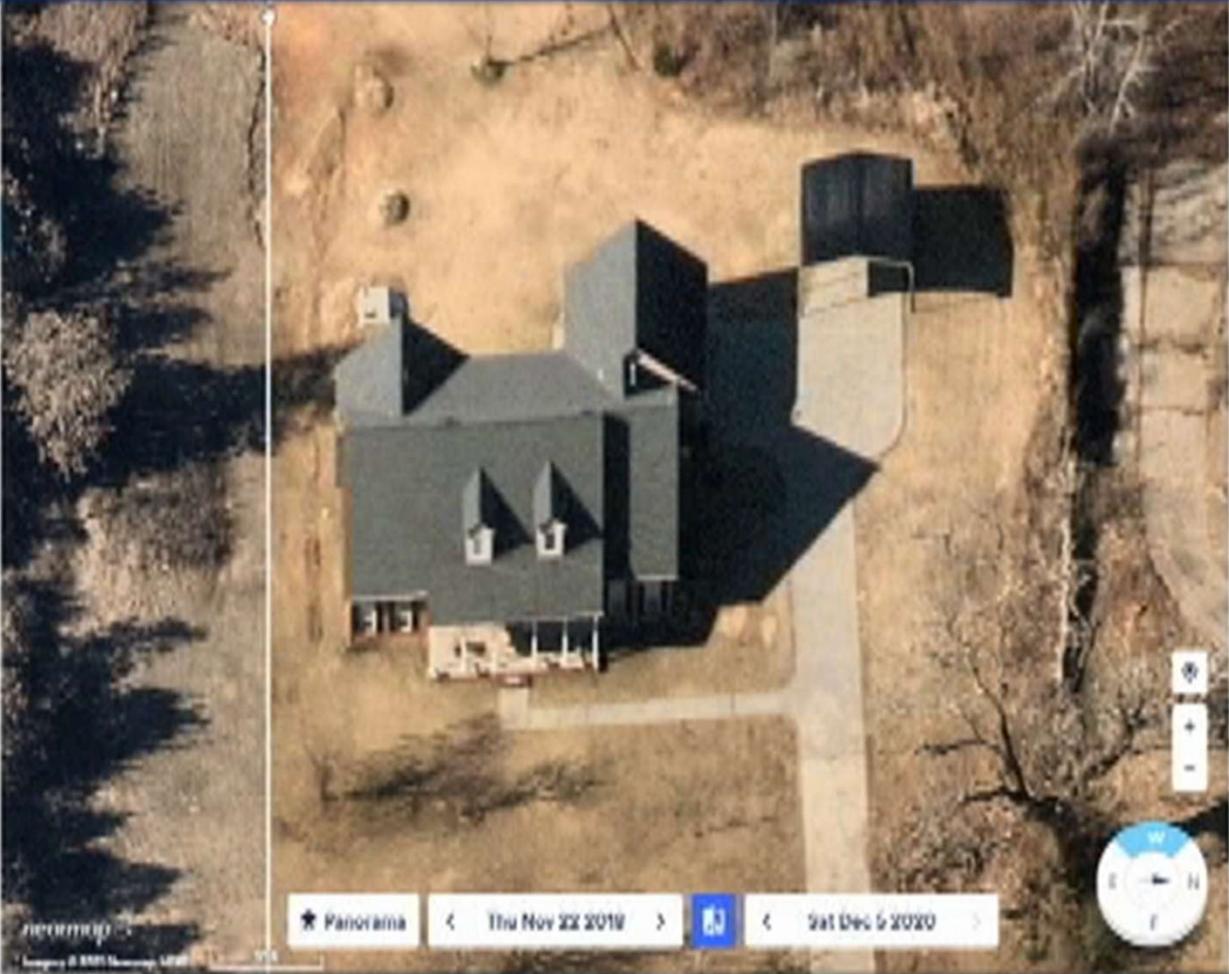
131 N Henney Rd...

Location Snapshot Text Line Polygon Circle Height Width Projects Report

WORKSPACE ←

Feature Layers + ^

- Untitled Group 2
- Location



Feature Layer X

LOCATION

Address

131 N Henney Rd, Choctaw, OK 73020, USA

[ADD TO WATCHLIST](#)

Coordinates

35.565463, -97.283867
35° 33' 56", -97° 17' 2"

MapBrowser Link

<https://apps.nrcr.map>

Source Photos

Not available

[GOOGLE STREET VIEW](#)

[OBLIQUE PHOTOS](#)

Notes

Type something here

reemcap

★ Panorama < Thu Nov 22 2019 > < Sat Dec 5 2020 >

413 Country Club Dr...

Location Snapshot Text Line Polygon Rectangle Circle Height Width Projects Export

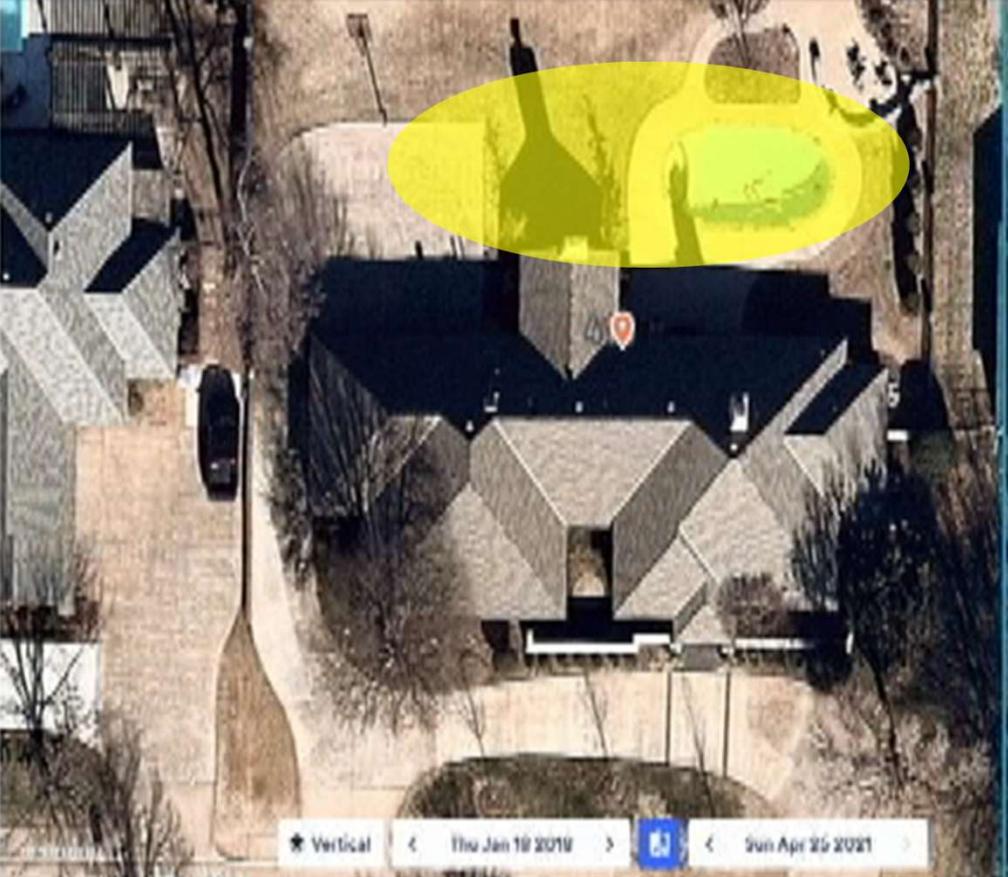
WORKSPACE

Feature Layers

- Location
- pool_Cover_PolygonalArea

Data Layers

- Boundaries
- Roads Overlay



Feature Layer

LOCATION

Address

413 Country Club Dr,
Falmouth, OK 73028, USA

[ADD TO WATCHLIST](#)

Coordinates

35.78058, -97.08780
35° 48' 8" N, -97° 04' 10" W

MapBrowser Link

<https://maps.mimmap>

Source Photo

Thu Jan 18 2018 11:41 AM (CST)

[GOOGLE STREET VIEW](#)

[OBLIQUE PHOTOS](#)

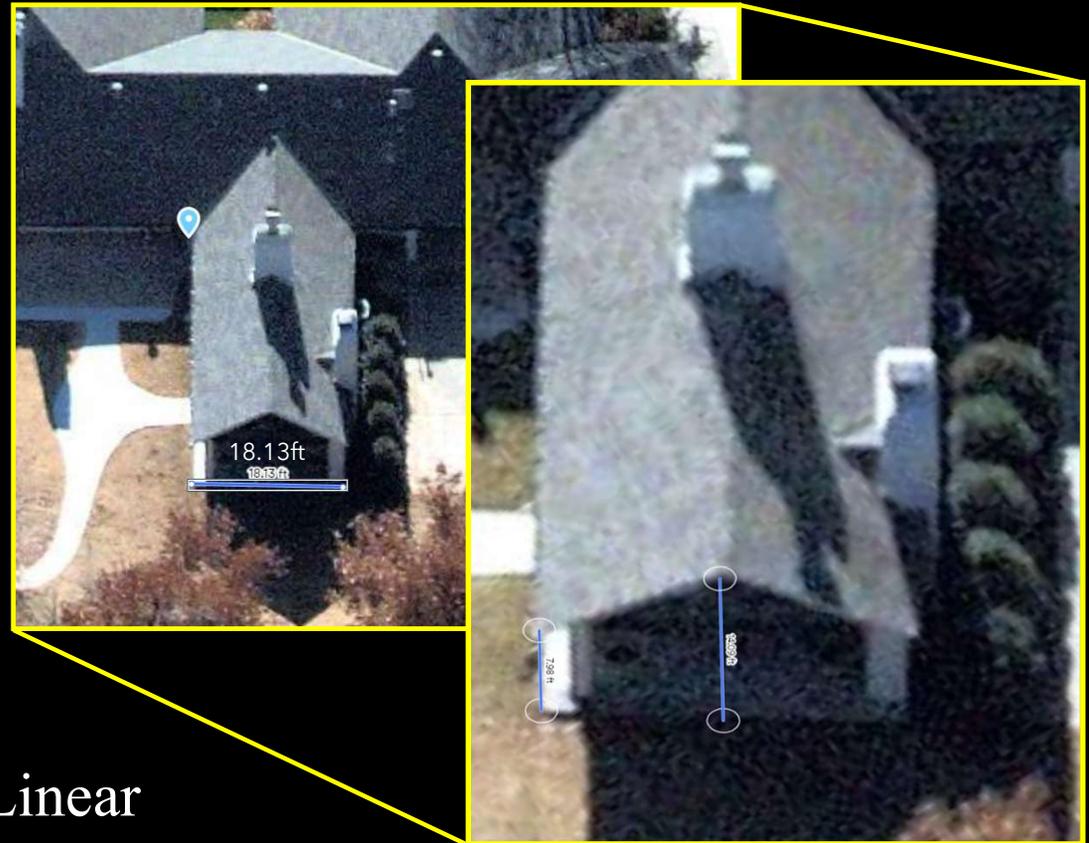
Notes

Type something here

Vertical < Thu Jan 18 2018 > < Sun Apr 25 2021 >

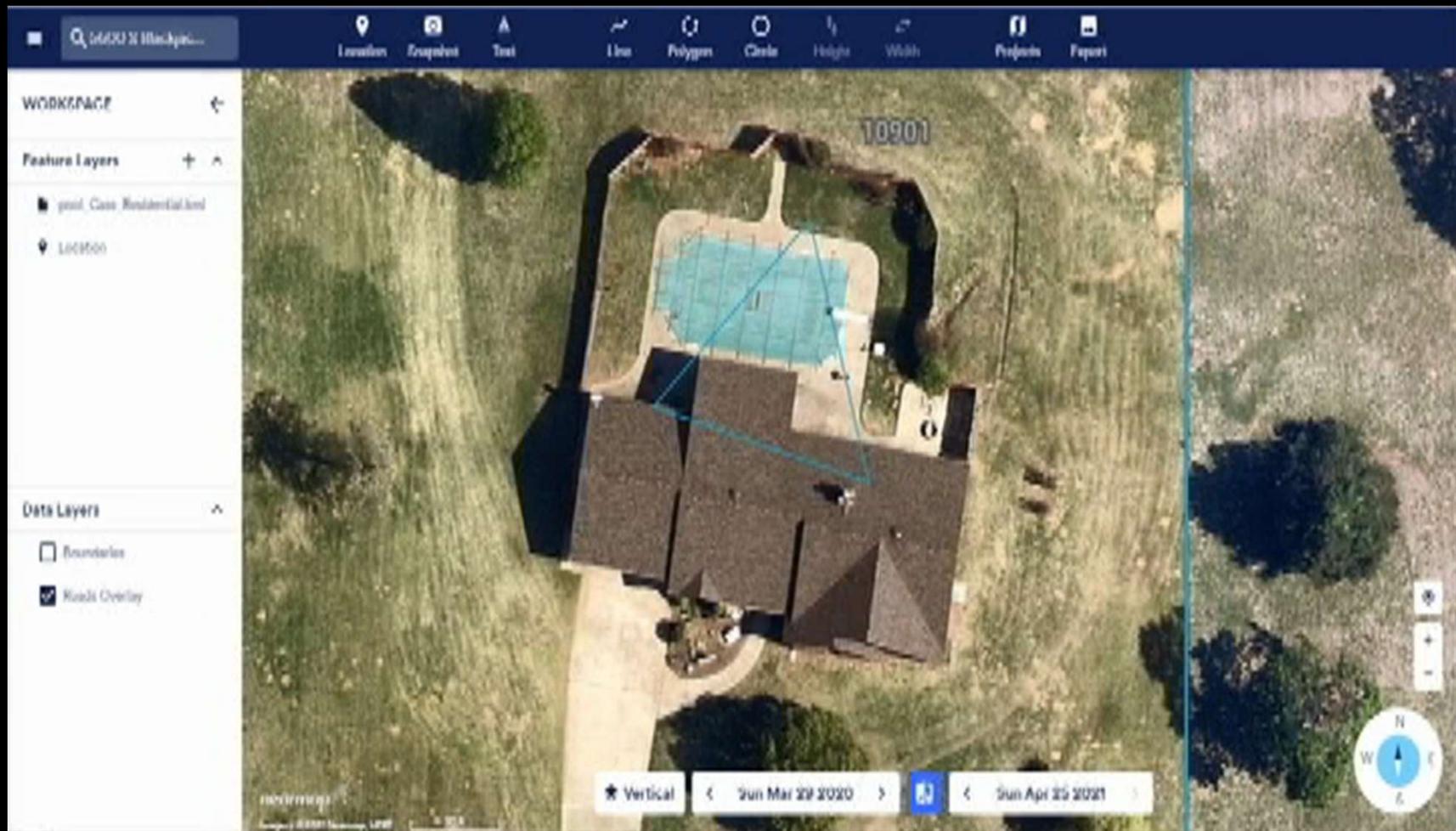
N
W E
S

Accurately Measure Using Oblique Imagery

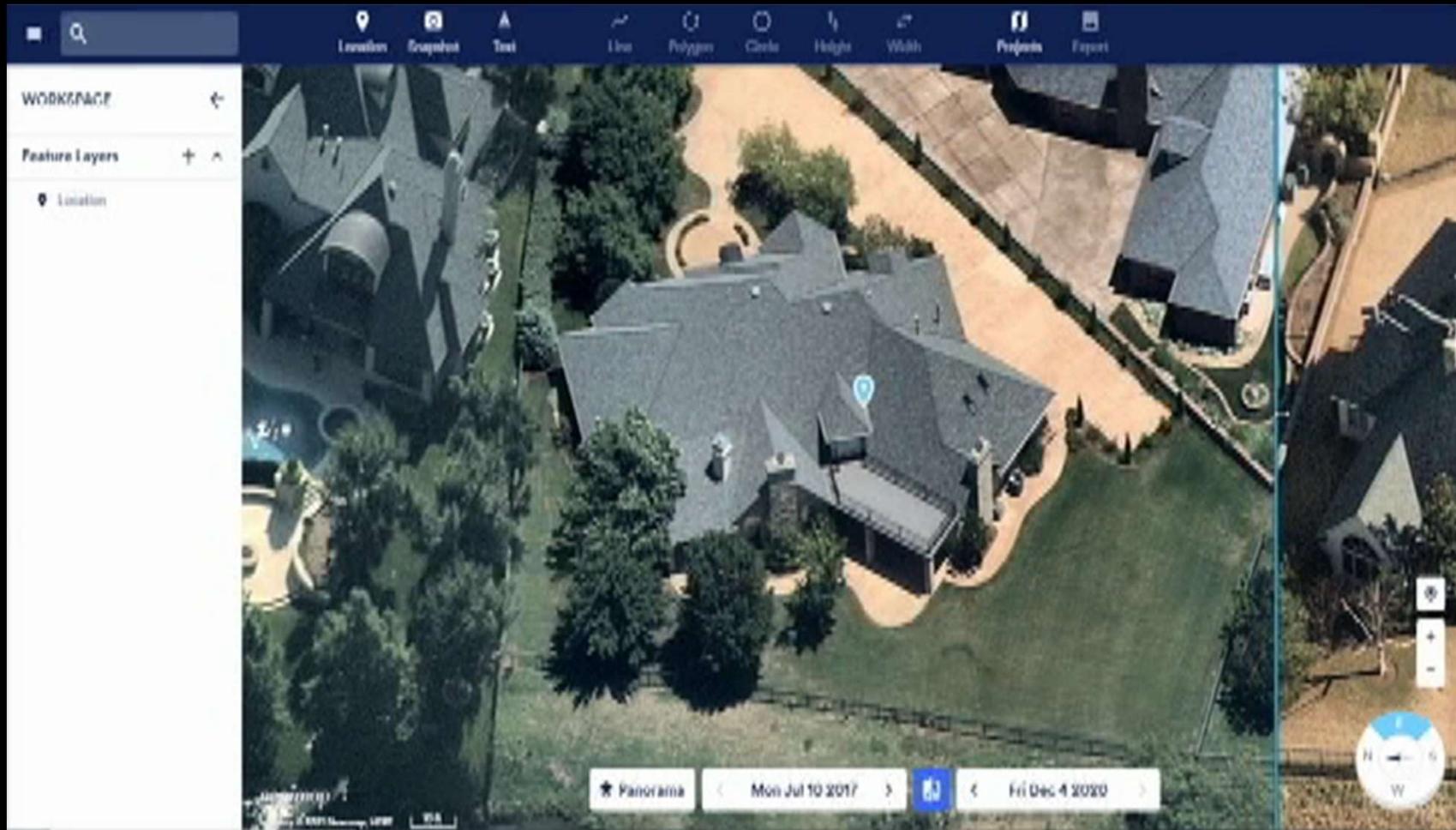


Linear
Area
Heights

Blue triangle says CAMA has pool, but it's gone...

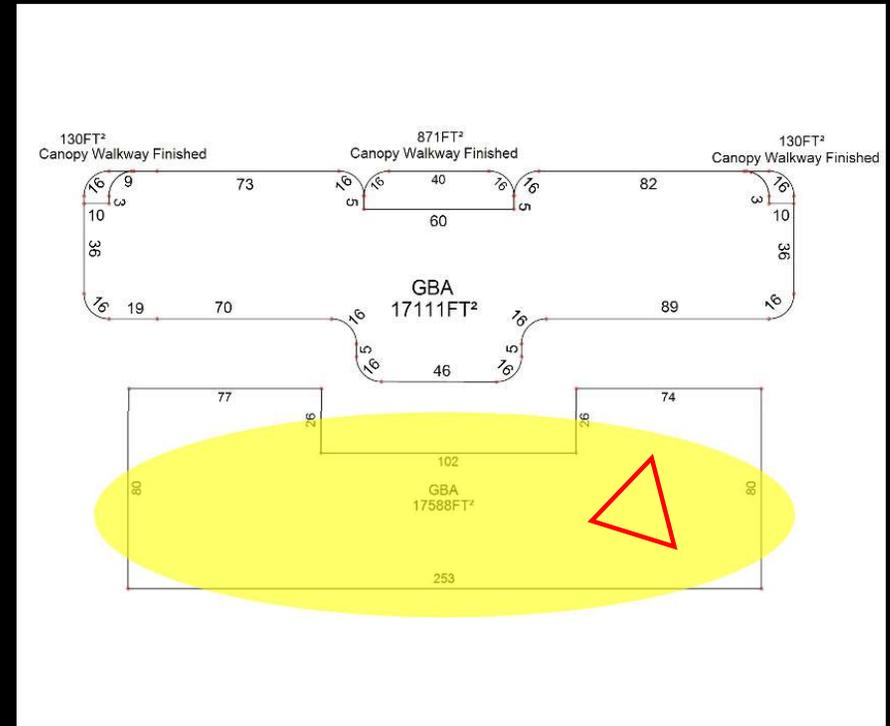


Residential add-on example using oblique images



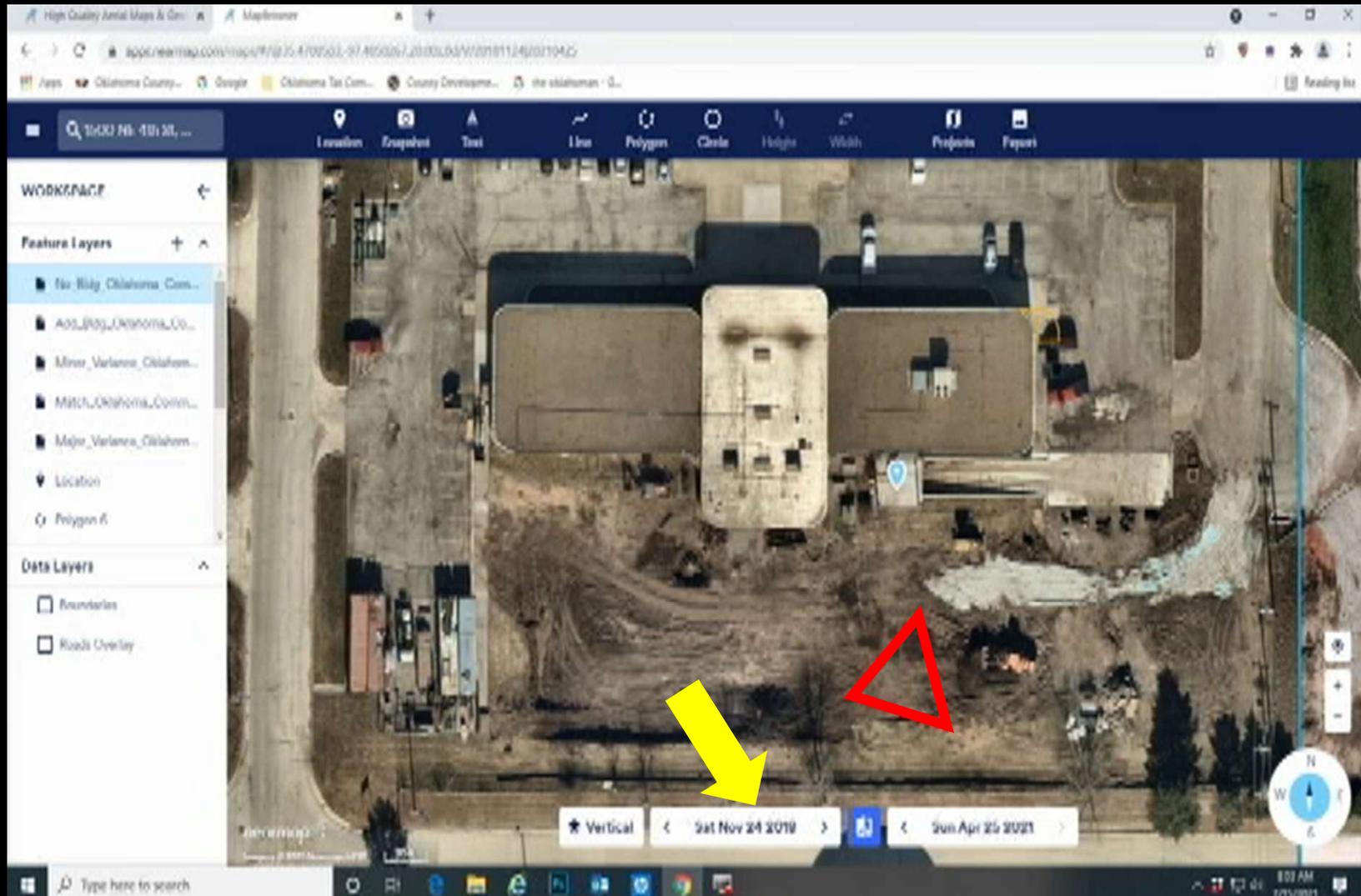


Current Aerial



Updated Sketch

Using the image slider, we can see year built



Additional uses of change detection

Statewide Medical Marijuana Licensing Info:

- 388,240 Active Patient licenses
(10% of Oklahoman population)
- 2,274 dispensaries licensed
(530 in Oklahoma County 23% of state)
- 8,247 growers licensed
- 1,461 processors licensed
- 11,982 TOTAL LICENSES ISSUED
- All 77 counties
- Oklahoma is #1 in number of dispensaries
in the nation.
- Oklahoma is #2 in dispensaries per capita



Oklahoma tops the nation - #1 ranking:



Chart of the Week

Marijuana Business **Daily**

Marijuana Cultivation Licences Issued in 2020

Oklahoma and California outpace nation

As of November, Oklahoma added more cultivation licenses in 2020 than any other state. California was a close second.



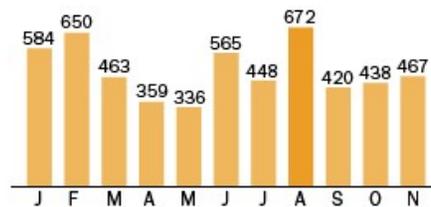
Five states dominate

89.3% of active cultivation licenses are located in five states.



Licenses by month

More licenses were issued in August than any other month in 2020.



Source: Cannabiz Media

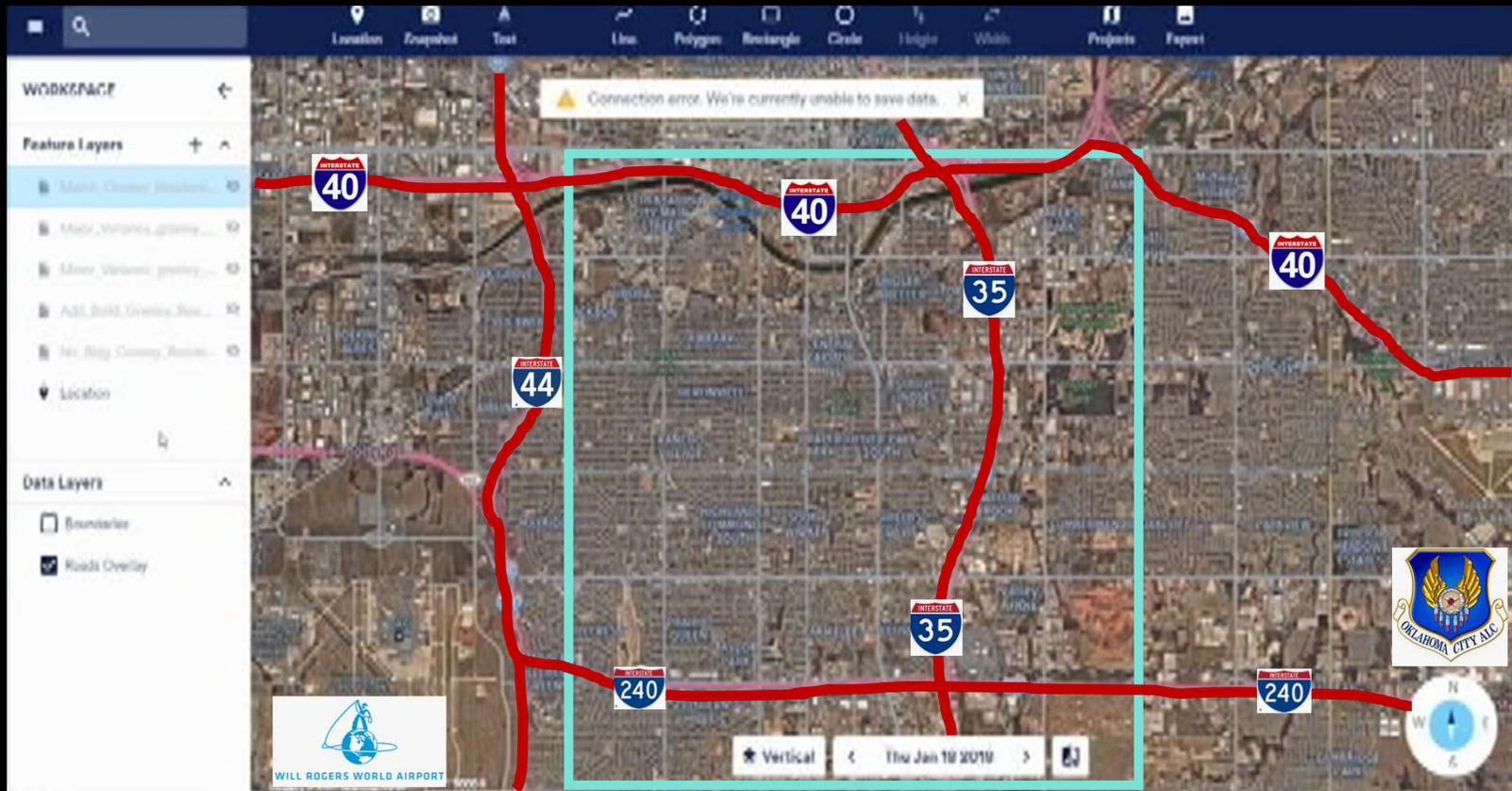
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New Kickapoo Turnpike w/Marijuana Facility

4 years
of aerial
photography



Greeley Township-36 square miles of data, South OKC



No Building in Aerial

Additional Building

Minor Variance

Matched Sketch

THIS PROJECT: What have we found?

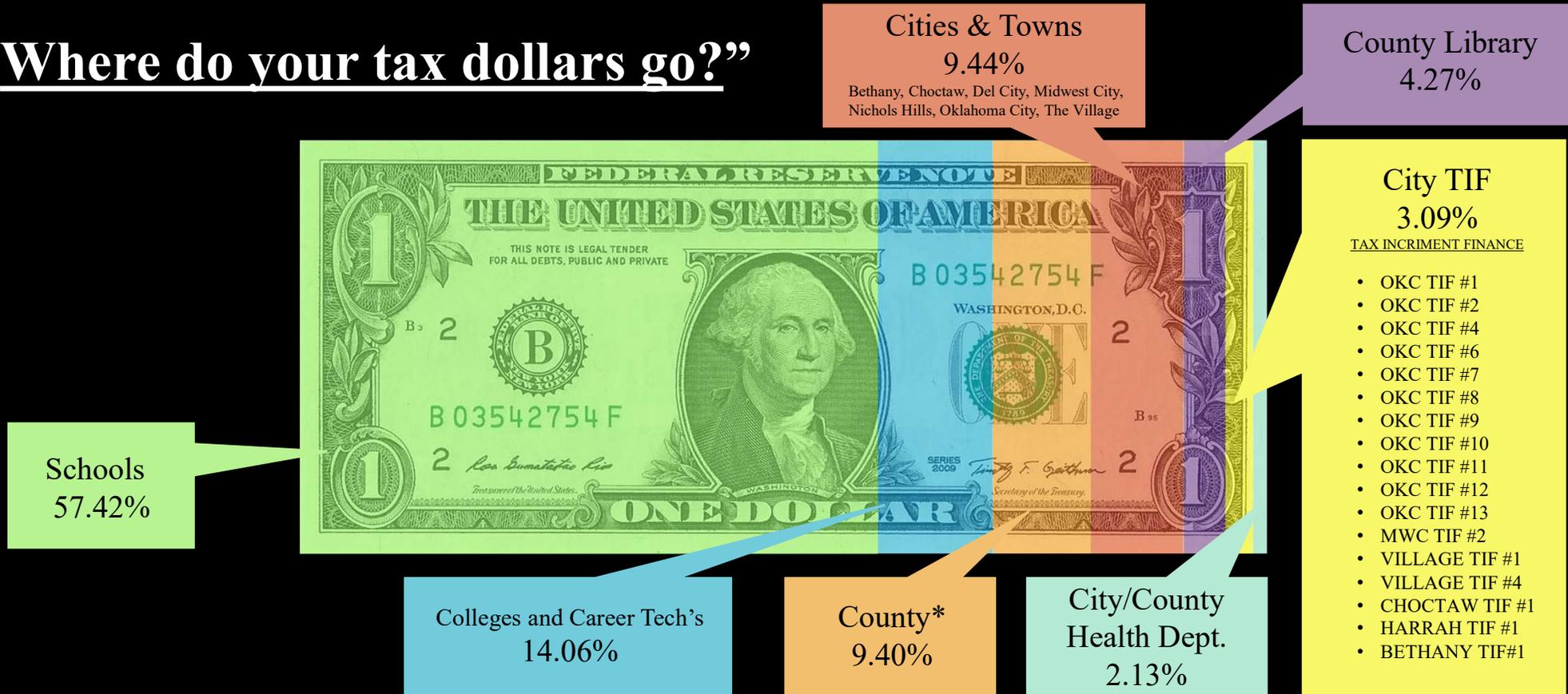


- 10% Completion (14,000 accounts)
- 1,639 accounts with a new improvement
- **Market value increase of:
\$40,135,738 from 2020 – 2021

****NOTE**: Market value change is not solely attributed to newly detected structures. Other influences such as market increases may have attributed to the overall increase from year to year.

Oklahoma County Property Tax Dollar Breakdown

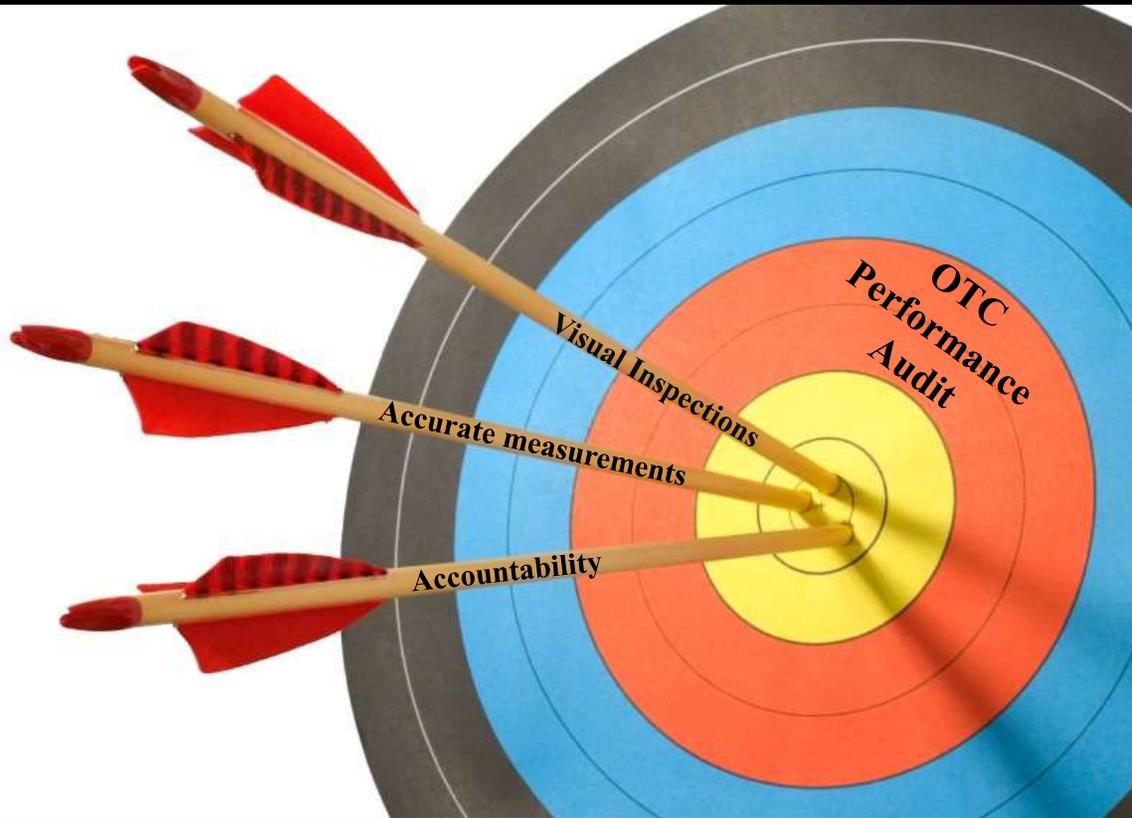
“Where do your tax dollars go?”



*County represents: SHERIFF, CLERK, ASSESSOR, COMMISSIONERS, COURT CLERK, TREASURER, DEPARTMENTS AND SERVICES.

Departments & Services: Excise/Equalization, County Audit, Purchasing, Facilities Management, Community Service, Juvenile Bureau, Emergency Management, Training & General Assistance, Public Defender, Election Board, HR/Health & Safety, MIS, Metro Parking, Investors Capital Building, Conditional Bond Release Program, Community Sentencing, OSU Extension/Free Fair, Engineer, Planning Commission, Drug Court and Law Library.

Why does Oklahoma need to recognize change detection as a visual inspection tool?



It's all about accuracy!!!

→ Fair and Equitable Assessments

Is this technology being used in Oklahoma?



YES

**Counties
across the
state are
using it.**



NO

**Are drones
used?**

County assessor's are currently using this technology to help identify changes to property characteristics as required by statute. This is in addition to the current requirement of on-site visual inspection.

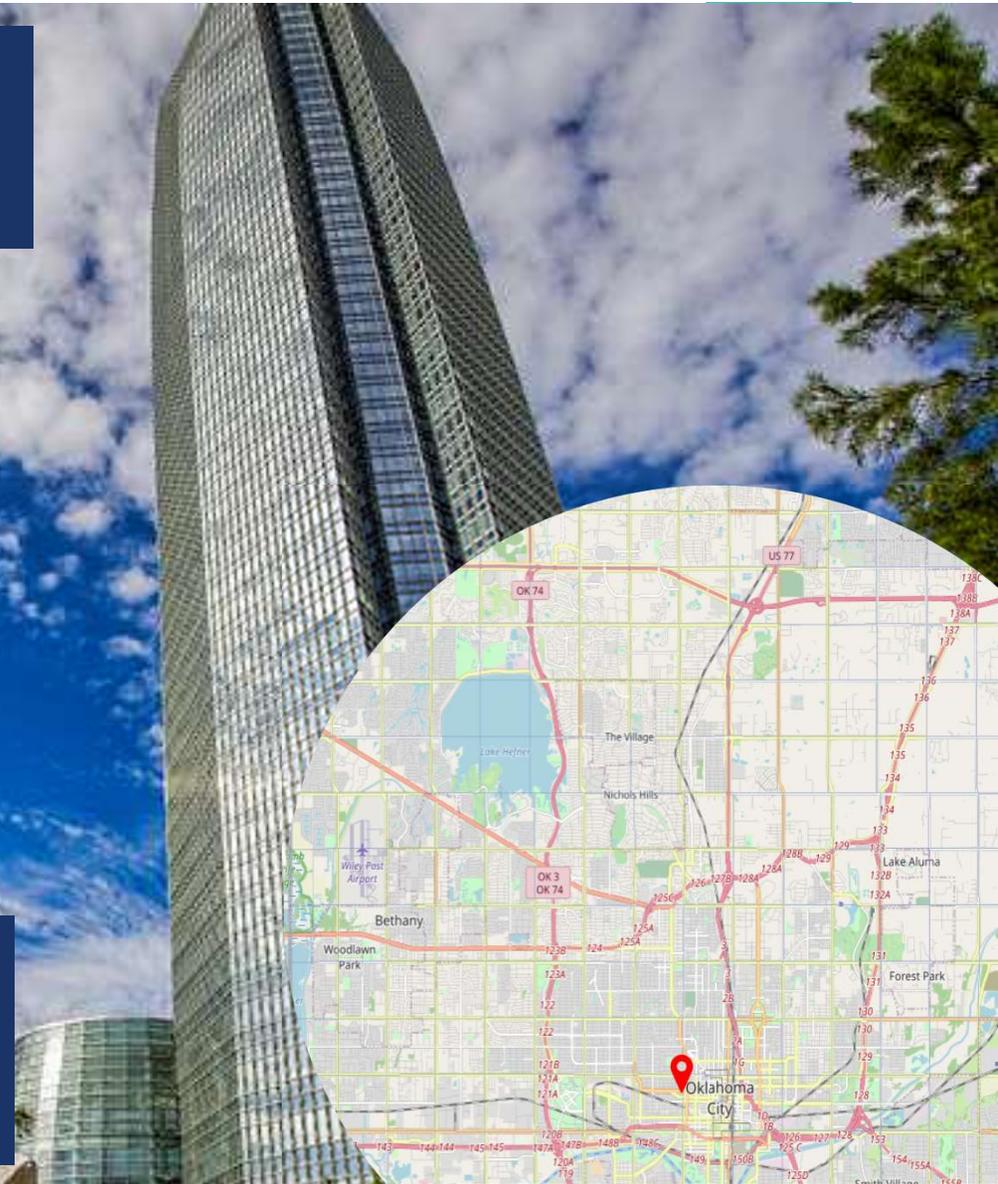
Oklahoma County:

Growing at 2,000-4,000 new parcels annually

23 Appraisers to Inspect
330,000 properties
Which breaks down to:

82,500 Visual
Inspections per year

Averaging 7,000
Building Permits Per year



STATE AD-VALOREM NUMBERS:

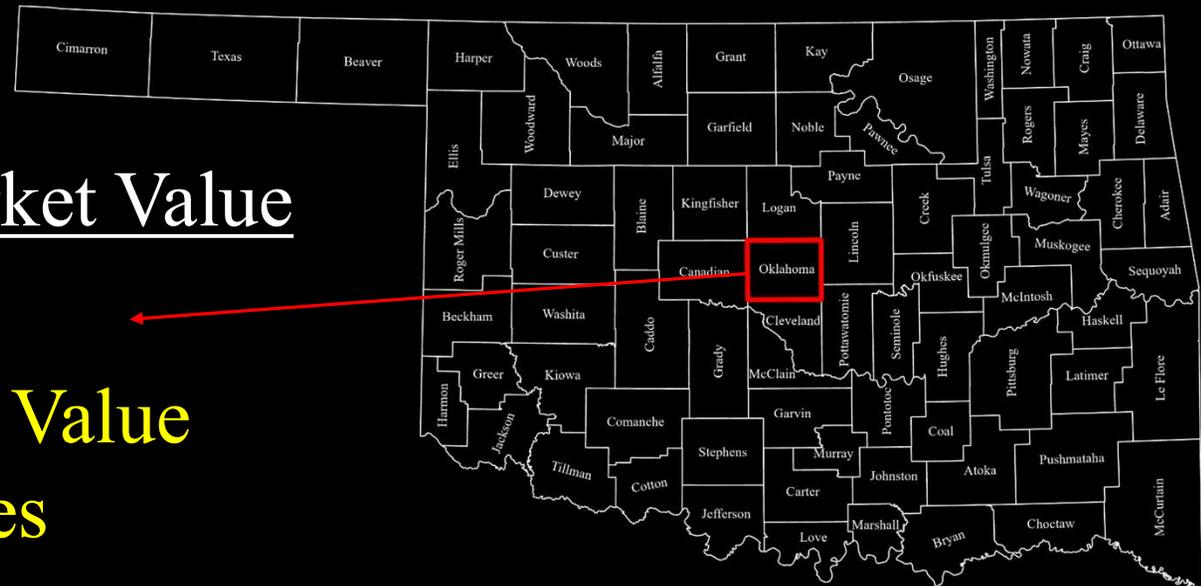
\$326.2 Billion – State of Oklahoma Market Value (per OTC)
Approximately 70,000 square miles

Oklahoma County Market Value

\$73 Billion

22.39% of the State Value

720 square miles



Questions or Comments?

Please contact us:

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arlarste@oklahomacounty.org