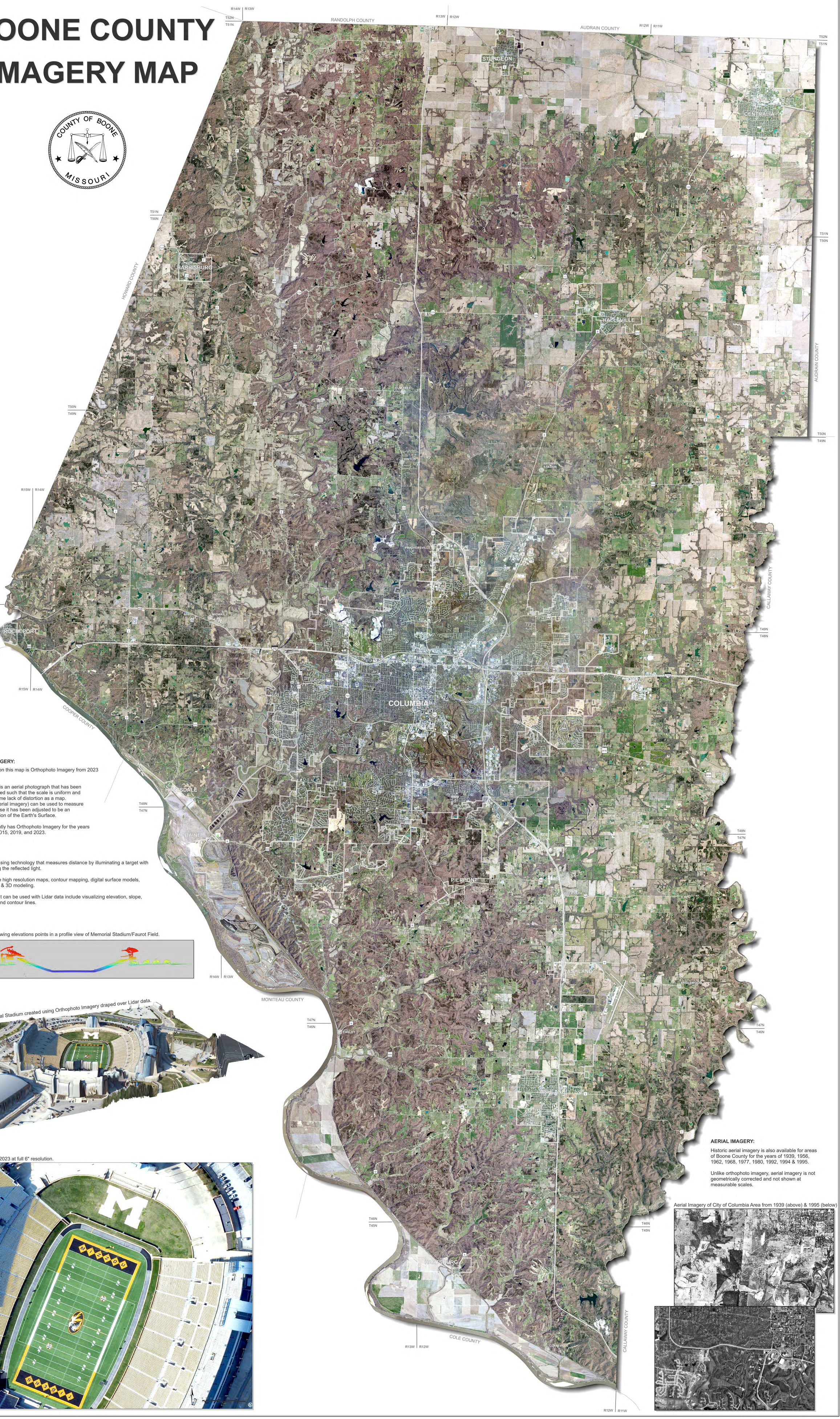
BOONE COUNTY IMAGERY MAP



ORTHOPHOTO IMAGERY:

The imagery shown on this map is Orthophoto Imagery from 2023 at 6" resolution.

Orthophoto Imagery is an aerial photograph that has been geometrically corrected such that the scale is uniform and the photo has the same lack of distortion as a map. Orthophoto (unlike aerial imagery) can be used to measure true distances because it has been adjusted to be an accurate representation of the Earth's Surface.

Boone County currently has Orthophoto Imagery for the years 2002, 2007, 2011, 2015, 2019, and 2023.

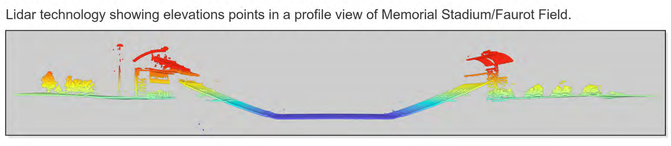
LIDAR:

Lidar is a remote sensing technology that measures distance by illuminating a target with a laser and analyzing the reflected light.

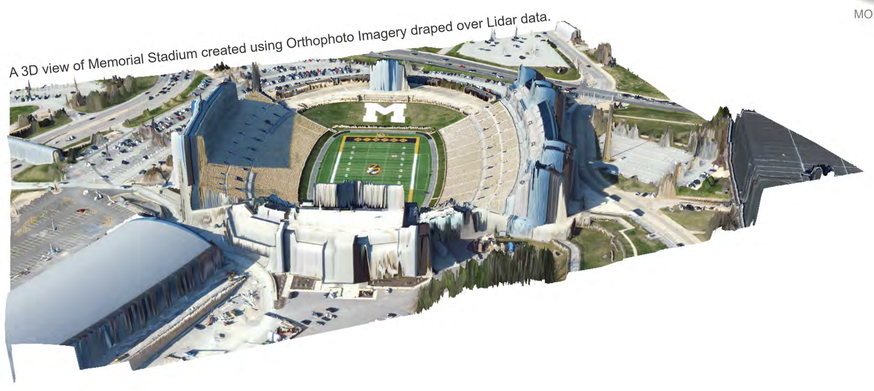
Lidar is used to make high resolution maps, contour mapping, digital surface models, hydrologic modeling, & 3D modeling.

Types of analysis that can be used with Lidar data include visualizing elevation, slope, aspect, viewsheds, and contour lines.

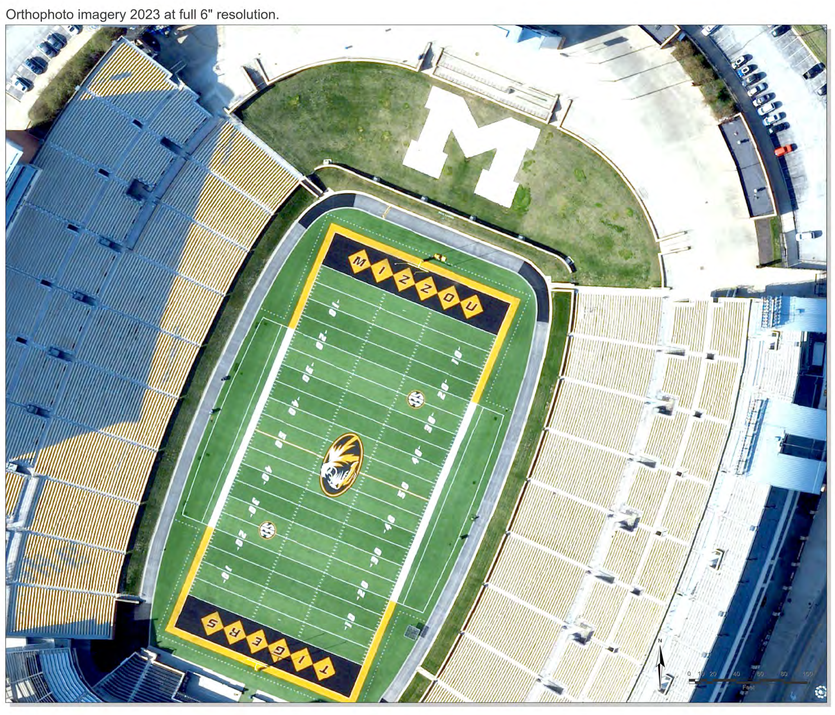
Lidar technology showing elevations points in a profile view of Memorial Stadium/Faurot Field.



A 3D view of Memorial Stadium created using Orthophoto Imagery draped over Lidar data.



Orthophoto imagery 2023 at full 6" resolution.



AERIAL IMAGERY:

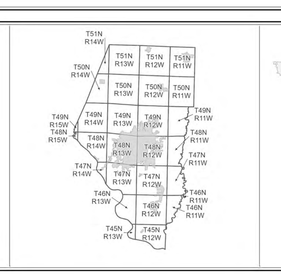
Historic aerial imagery is also available for areas of Boone County for the years of 1939, 1956, 1962, 1968, 1977, 1980, 1992, 1994 & 1995.

Unlike orthophoto imagery, aerial imagery is not geometrically corrected and not shown at measurable scales.

Aerial Imagery of City of Columbia Area from 1939 (above) & 1995 (below)

BOONE COUNTY IMAGERY MAP

Date: 4/25/2024



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Assessor Dataset Disclaimer:

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The following map layer sources were utilized in the creation of the map:

Boone County Assessor's Office: City Boundaries, Townships, Surrounding Counties
Boone County Resource Management: Roads
State of Missouri: Orthophoto Imagery 2023