



Thought Leader

Join Us at the
Transportation Engineers Association of Missouri (TEAM)
108th Annual Conference, *Hilton on the Landing in Branson*

LiDAR Case Studies in Transportation Design

Breakout Session #3 | Thursday, March 8, 2018 | 2:00PM | Cooper Creek 1

What is LiDAR and how does it apply in transportation design? Where is it suitable to use... and where is it not the best solution? Can this technology help a project be more successful and how? By reviewing case studies of how utilizing LiDAR technology helped to overcome design challenges, the presenters will discuss the benefits and contributions of using LiDAR. Specific examples and topics include paving deformation, mapping of an over-capacity intersection, and accurately locating bridge tie-in points.

Speakers:

- **William Knight, PLS, Wilson & Company, Kansas City, Missouri**
- **Whitney Lynn, Wilson & Company, Kansas City, Missouri**



Meet Our Presenters

William Knight, PLS, has 19 years of diverse land surveying experience. Beginning in the U.S. Army as a Topographic Surveyor (555th EN CO), he went on to work as a CAD draftsman, instrument operator, survey field crew chief, and survey manager. Throughout his surveying career he has performed ALTA/ ACSM, boundary, geodetic, topographic, aerial mapping, transportation, bathymetric, and bridge surveys. He oversees land surveying tasks in the Midwest.

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Whitney Lynn has more than eight years' experience in the geospatial industries, and has been part of numerous projects performing LiDAR, photogrammetric, GIS, and image processing tasks. He currently serves as LiDAR Data Processing Lead. Whit has completed a variety of LiDAR-based projects, including road/bridge as-built design, dam deformation studies, transmission line and substation surveys, and sidewalk/stormwater improvements.

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