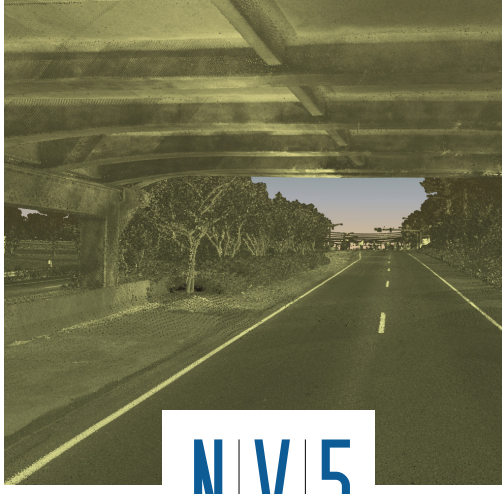
Get the Full Picture — Even Under Bridges: Solve Your Infrastructure Data Challenges with Mobile Lidar.



Mobile mapping provides the ultimate accuracy and resolution for transportation projects. These data are typicallu collected from an SUV, although we can also mount the sensor on a boat or ATV. NV5 mobile mapping achieves point densities of more than 1,000 points per square meter at posted speeds with vertical accuracies to a few hundredths of a foot. This technology also has the significant advantage of seeing under bridges and underpasses, with the limiting factor of having access for acquisition.

RIEGL VMX-2HA/Ladybug 6 Camera

We have integrated today's top-of-the-line mobile mapping sensor in the RIEGL VMX-2HA with the Ladybug6 360-degree spherical camera with a 72MP resolution. The two RIEGL 5MP metric cameras are added to create the ultimate combination for transportation mapping.

ADVANTAGES

- Very high accuracy - RMSE of 0.04 feet
- Extreme resolution of 1,000 to 4,000 points per square meter (ppsm)
- Collection at posted speeds
- Can see "under" bridges
- Significant reduction in boots on the the ground survey activities

NV5

NV5 is the world's leading geospatial authority driving data and analytics, system integration and software innovation to transform the way organizations and industries enact meaningful change across their communities and the world.

CAPABILITIES

- Ultra high-accuracy and high-resolution mapping
- Detailed visual information within the spherical collect
- High-resolution, close-range metric frame imagery
- Transportation ROW Inventory
- 3D bridge height modeling
- Rail Networks
- Geospatial Program Management

Reach out to discuss how NV5 can help you generate insights.

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