

**Projects First-Round Winner**  
Innovations Challenge

**April 2017**

Prepared by Transportation Planning  
Missouri Department of Transportation

## LIDAR Hydraulic Surveys



### **Description**

Existing 3D LIDAR information, from the Missouri Spatial Data Information Service at Washington University, assists MoDOT's survey crews in creating valley sections for bridge surveys. The LIDAR Hydraulic Surveys can be used when typical methods aren't feasible because of timing issues or when field conditions are not ideal or are unattainable.

### **Benefit**

Using LIDAR Hydraulic Surveys saves the department time and money while simplifying work since it allows the survey crew to create the valley sections for bridge surveys in a timelier manner.

### **Materials and Labor**

Staff time hours vary with no materials cost.

### **For More Information Contact:**

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Additional photos or videos can be seen by accessing the Innovations Challenge SharePoint page at: <http://sharepoint/systemdelivery/TP/Documents/InnovationsChallenge.aspx>.

