

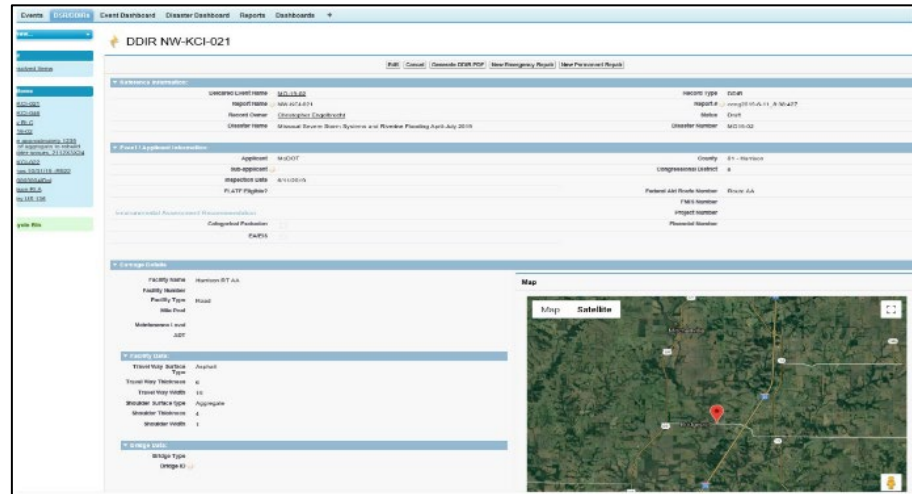


## Productivity

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Prepared by Transportation Planning  
Missouri Department of Transportation

## MSAR – Mobile Solution for Assessment and Reporting [Additional Information](#)



### Description

Mobile solution for assessment and reporting (MSAR) is an application used to submit Detailed Damage Inspection Reports (DDIRs) to Federal Highway Administration. Using data on a cellular device this application allows the user to complete the required information from the field while doing site inspections with FHWA.

### Benefit

MSAR can be opened from any computer or smart device such as a cellular phone or iPad if it has data. In past disasters, when DDIRs were completed in the field by maintenance personal, the process required scanning and uploading the document to attach pictures, GPS locations picture as well as the estimated cost for each site. Using MSAR, DDIRs can be completed in the field, photos are attached as you take them, and the GPS location is obtained and stored visually with a map on the device. Once you have entered the required information the report can be uploaded. After the report is uploaded in the field, office personal can review and submit for approval to FHWA. This saves time, makes completing DDIRs simpler, which saves hourly wages and speeds up the reimbursement process.

### Materials and Labor

There is a reoccurring cost of \$1,200 for a license fee per user and the total amount of labor hours was 30 minutes for user training.

### For More Information Contact

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Additional information, photos or videos can be seen by accessing Innovations Challenge SharePoint page at: <http://sp/sites/tp/planpol/SitePages/InnovationHome.aspx>

