

Emergency Flooding Imagery

Delivered within Two Weeks of Order

Surdex has a contract for aerial imagery and lidar acquisition with the Iowa Department of Transportation (DOT). We have completed numerous successful projects through contracts with the Iowa DOT since 2006.

On March 18th of 2019, Surdex received a work order from the Iowa DOT for the acquisition of 30 line miles of 6" GSD aerial imagery, capturing flooding along I-29, I-680 and the levee along the Missouri River in Pottawattamie County, Iowa.

Because this was a flooding imagery project, the DOT needed the imagery as quickly as possible in order to adequately capture and respond to the damage. Surdex acquired the imagery with our DMC frame sensor on March 20th, within two days of receiving the order. We produced basic 4-band geotiffs by applying automatic seamlines only, and a hard drive with this data was received by the client on April 1st. This data enabled more effective planning with regards to roadway functionality following this significant weather event.



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