

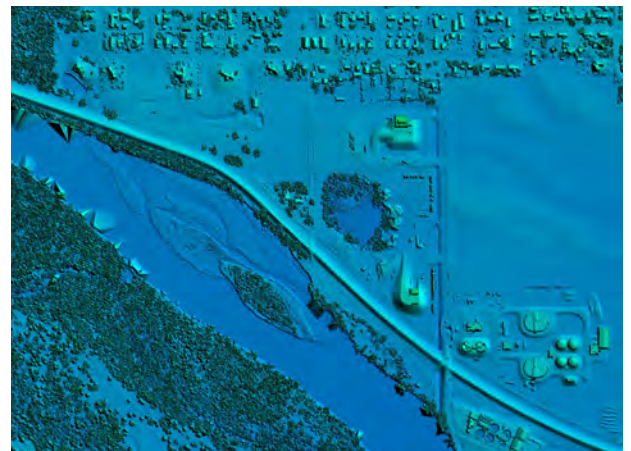
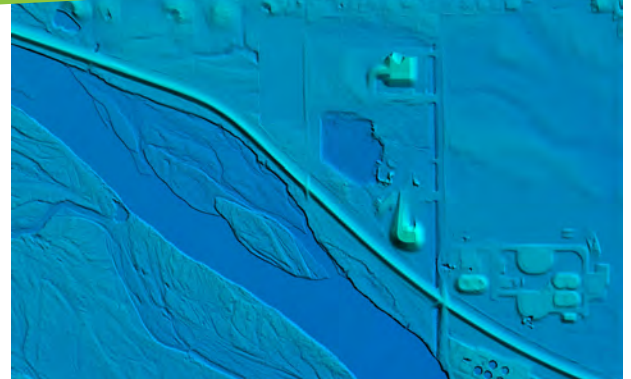
# Merrick-Surdex JV Provides GPSC3 Data in Eastern Nebraska

**T**he Merrick-Surdex Joint Venture established a Geospatial Product and Service Contracts (GPSC3) agreement with the U.S. Geological Survey (USGS) in 2016. Through the GPSCIII program, the JV has completed projects in Texas, Missouri, Nebraska and New Mexico totaling nearly 100,000 square miles, all including QL2 lidar data acquisition and processing.

In 2017, The Merrick-Surdex JV received a GPSC3 task order that differed from prior such task orders in that the scope included leaf-off orthoimagery in addition to lidar data. The project area consisted of four delivery blocks in eastern Nebraska totaling approximately 11,000 square miles; QL2 lidar data was required for all four blocks, and 60 cm ground sample distance (GSD) orthoimagery was required for the three eastern blocks.

Surdex was responsible for all orthoimagery and lidar data acquisition and processing for the three eastern blocks—approximately 7,700 square miles of lidar data and 8,900 square miles of imagery. In the spring of 2018, Surdex acquired the data in our assigned delivery blocks. Survey tasks were completed by Merrick and their subcontractor, CompassData, Inc. Surdex processed the data and prepared the final deliverables by the end of the year, including the following:

- Raw lidar point cloud
- Classified lidar point cloud
- Hydro-flattening breaklines
- Digital Elevation Modals
- Intensity images
- 2' contours
- Hillshades
- 4-band uncompressed GeoTIFF imagery tiles
- MrSID Compressed County Mosaics (imagery)
- Metadata



Digital Elevation Model (top), Digital Surface Model (middle) and Orthoimagery (bottom) over the Platte River in Nebraska

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surdex.com • 636-368-4400 • info@surdex.com