

# ITD - District Five – Status Update – April 25, 2016

## **Project Overview**

This project entails aerial photography/LiDAR acquisition and mapping for the District 5 – District Wide Aerial Mapping Project and Avery Parcels.

Deliverables for this project include:

- 3-band orthorectified imagery in .TIF, .SID, and .HMR formats at a pixel resolution of 0.2' (Avery Parcels) and 0.25' (interstates and highways)
- 2' (interstates and highways) and 1' (Avery Parcels) contours and planimetric data in MicroStation V8i .DGN format at 1"=100'
- DTM files consisting of break lines and mass points in ASCII and InRoads .DTM formats
- DEM data at a 2' cell size in ESRI Grid raster format
- Classified LiDAR point data in .LAS v1.2 format
- DTM accuracy assessment report
- Technical Project Report including methodology, accuracy, and results

### **Coordinate System**

<u>Horizontal Datum:</u> NAD 83 <u>Vertical Datum:</u> NAVD 88 <u>Projection:</u> Cartesian (Modified SP Idaho East Zone) <u>Units:</u> US Feet

Projected Schedule	
Product/Service	Delivery Date
Control Survey (remaining)	Sept. 1, 2016
Photography/LiDAR Acquisition (remaining)	Nov. 30, 2016
Mapping, LiDAR, and Imagery (40%)	Dec. 31, 2016
Mapping, LiDAR, and Imagery (remaining)	July 31, 2017

#### **Acquisition Summary**

Dates: April 7-8, 16-17, 2016

LiDAR Sensor/Camera: Optech Orion H300/CS-10000

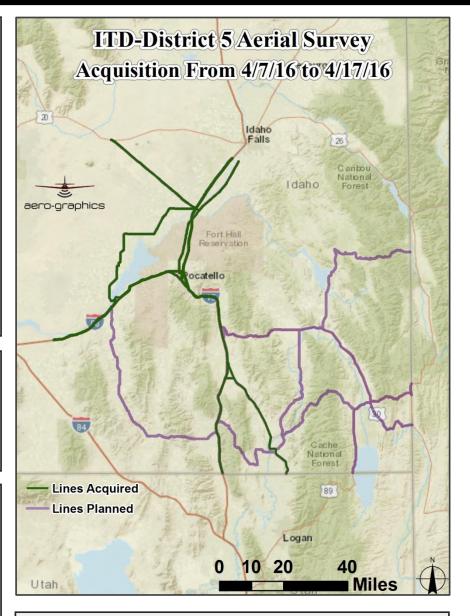
Total AOI: 78 square miles

Exposures Planned: 6,788

Flightlines Planned: 411

Days On Site/Days Flown: 4/4

Percent of days on site suitable for acquisition: 100%



### Recent Updates

Deployment 2 photography/LiDAR acquisition complete