

ITD - District Five – Status Update – October 17, 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

Horizontal Datum: NAD 83

Vertical Datum: NAVD 88

Projection: Cartesian (Modified SP Idaho East Zone)

Units: US Feet

Projected Schedule

Delivery Item	Delivery Date
Mapping, LiDAR, and Imagery (40%)	Dec. 31, 2016
Mapping, LiDAR, and Imagery (remaining)	July 31, 2017

Acquisition Summary

Dates: April 7-8, 16-17, May 13, Oct 7-10, 12

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

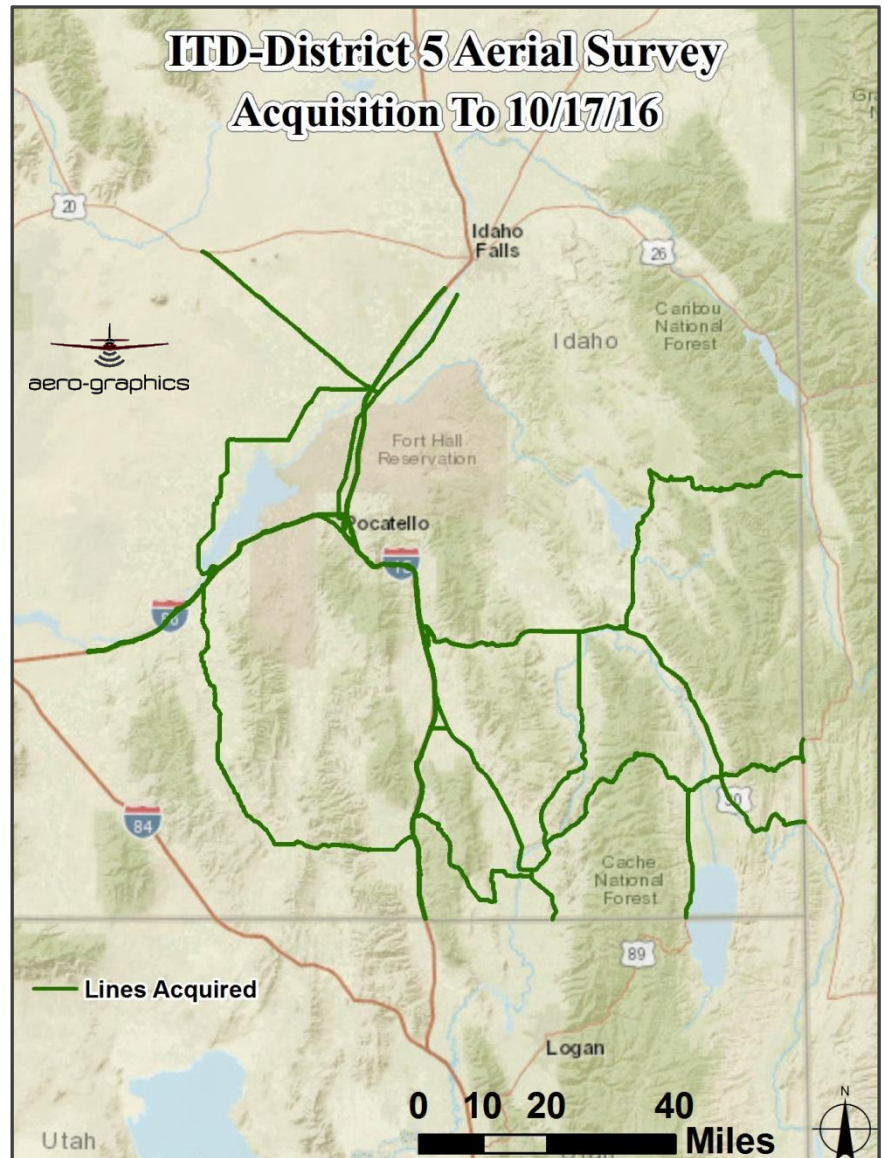
Total AOI: 78 square miles

Exposures Planned: 6,788

Flightlines Planned: 411

Days On Site/Days Flown: 10/10

Percent of days on site suitable for acquisition: 100%



Recent Updates

- LiDAR and Image Acquisition complete; Calibration and Aerotriangulation in progress