

# 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

**Horizontal Datum:** NAD 83

**Vertical Datum:** NAVD 88

**Projection:** Cartesian (Modified SP Idaho East Zone)

**Units:** 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