

# **Javad Advanced Training Itinerary**

## **June 8<sup>th</sup> and 9<sup>th</sup>**

### **June 8<sup>th</sup>**

7am-8am

Meet and Greet. Breakfast provided on site.

8am

We'll begin our first session discussing the Action Profiles. This will cover quite a few topics ranging from how a point is collected, to correct calibration for proper tilt sensor usage, to white box settings.

10am

We'll then take the LS outside and go through base/rover set up and see how the Action Profiles vary in use. We'll carefully observe the verification screen to see what criteria need to be met to ensure success. We will also discuss the incredible amount of information presented during collection.

12pm-1pm

Lunch on site will be provided.

1pm

We'll discuss the purpose of Codes and Shape Tags and continue our field collection by collecting lines, curves and trajectories.

3pm

We will stop the base and download the data for submission to DPOS. We'll look at how to compare RTK and PPK results and how to review the CORS processed solution for the base.

4pm-5pm

Open discussion.

### **June 9<sup>th</sup>**

7am-8am

Meet and Greet. Breakfast provided on site.

8am

We will look at exporting the previous day's work. We will review what you should be exporting for each job and briefly look at importing the work into CAD.

9am

We will discuss coordinate systems. We'll look at coordinate types (Earth Centered, Earth Fixed; geographic, planar projections). We'll also look at the ellipsoid and geoid. We'll

discuss the benefits and problems associated with modified State Plane Coordinate Systems and how to create them.

11am

We look at importing data properly for successful localizations.

12pm-1pm

Lunch on site will be provided.

1pm

We'll set up the base and perform several localizations (single point and multiple point localizations). We'll discuss how to evaluate the localization parameters.

3pm

We'll look at Staking points and lines.

4pm-5pm

We'll look at the J-Tip and how to work with it to find and evaluate magnetic signals.

5pm

Event concludes.