Wrangler Grohs
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Constructed between 1906 and 1907, the “A” Canal is used to provide irrigation water from Upper Klamath Lake to areas southeast of the City of Klamath Falls. In total, the canal is over 8 miles long, with the capacity to deliver approximately 1,100 cubic feet of water per second. To many residents of Klamath Falls, the canal may be better known for the bicycle path that runs along a portion of its length. During the past school year, the Oregon Institute of Technology (OIT) Geomatics Program has begun working on a record of survey for the “A” canal Right-of-Way (ROW) in Klamath Falls. Part of this project has and will continue to be completed by the Boundary Survey class. Other portions have now been completed by individual students as their senior projects. Boundary students are responsible for individual portions along the canal, as it is a large undertaking. In order to make these pieces fit together as a whole; students have set and made measurements on rebar set along the bike path on the westerly bank of the “A” Canal ROW. The idea is that all of the individual boundary portions of the project will contain the rebar, and therefore fit together, as if the entire project was completed at the same time, and not over the course of years. The rebar is also tied into the Public Land Survey System (PLSS). Boundary students do not need to include measurements to these corners as part of their project, which are required of boundary surveys under Oregon State Law. This project has utilized total stations and Global Positioning System (GPS) technology as students learn about Oregon State Boundary Law, boundary surveying and researching the public record.