



GIS Director Report
Prepared for the ATA Board Meeting
July 20, 2019 Flagstaff

1. Online/Interactive Mapping/App product Statistics:

- a. ATA's ArcGIS Online Organization Portal 3/14/19-7/3/19
 - i. Linked from ATA website
 1. Full detail interactive map **4,480** (40.36 views on average per day – decrease of 11/day)
 2. Elevation profile **1,094** (9.86 views on average per day – decrease of 2/day)
 - ii. Linked only from the ArcGIS Online Portal for ATA <http://aztrail.maps.arcgis.com>
 1. ATA Steward Map **103** visits (0.93 views on average per day) <https://goo.gl/61QFm6>
 2. ATA Scenic Inventory Map **8** visits (0.07 views on average per day) only 4 in last two months <https://goo.gl/5yxdnL>. *Same rate in the last four months.*
- b. Statewide GIS repository - AZ Geo Clearinghouse (downloaded/map service GIS data) as of 7/3/19:
 - i. **12** more line (track) & **6** point (wpts) webservice since October from 433 & 182 total visits
 - ii. **2** more line (track) & **1** point (wpts) downloads since October from 73 & 20 total downloads

2. Mapping

- a. **ATA's Trimble GPS** has been provided to Matt Nelson & Zach MacDonald via Daniel Snyder to map at least the reroute in the Canelo Hills passages. The intention of this GPS unit is to capture the **final trail in any reroute project with high precision & accuracy, even in steep canyon walls & heavy tree cover**. I prefer to provide training in person to those that intend on using the ATA Trimble **GeoXT GPS** for the 1st time in addition to use of included printed instructions. Just let me know and we can even train over the phone.
- b. **Canelo Hills reroute** updated on all maps, internet interactive maps, and the AZ Trail since mid April.
- c. Provided maps of **Passage 4/Temporal Gulch reroute** options & added to our online interactive full map
- d. Worked on several more custom and **trailhead maps** to be exported to graphic design work.
- e. The ATA website form (<https://aztrail.org/get-involved/regional-stewards/sign-and-gate-inventory/>) is for updating the ATA database of **gates, signs, and road crossing inventory** that works with a **unique id** for each layer, shown in the Steward online Map at <https://goo.gl/61QFm6>. Myself and Tamara have done several rounds of updates and that updates the **Scenic Inventory Interactive map at: <https://goo.gl/5yxdnL>** & provided to the USFS. I am continuing to store the approximately **3800 photographs** linked from this interactive map and a few other photo-linked point interactive maps **on my personal business website, giseifert.com** that I annually pay for. **It is very difficult to just update a description & photograph based on latitude & longitude coordinates – it is impossible to provide the same coordinates even while visiting the same spot in minutes therefore it is REALLY IMPORTANT to reference the unique IDs displayed on this website when communicating updates.**
- f. Still working this year on **creating turn by turn waypoints for the single Mountain Bike** path now that there will be only one route. These will also get unique IDs assigned to communicate with Atlas Guides.
- g. **Individual segment maps** are kept up to date at <https://goo.gl/zmqfta> for any Steward to download a PDF and print (regions zipped up). Hope to have the ATA website segmented when a steward logs in to then have PDF storage linked along with the Steward Interactive Map <https://goo.gl/61QFm6>.
- h. **ATA Topo map product** - This all digital format (no scanned paper maps) of USGS Topo maps (from The National Map) as a background within ESRI ArcGIS software which we as an organization already own. This way we keep data internal rather than constantly exporting. It is on the ATA store at <https://aztrail.org/product/topo-map/> in **2019 there have been 55 sold as of 7/5/19**. I am in the process of locating water sources exactly from Topo & Aerial imagery based on the descriptions in the databook to be used in the next update of the ATA Topo map product.
- i. **Garmin AZT Data card** - Once Happy Jack reroutes are complete, I will send data to update the card.

3. Outreach

- a. Ongoing outreach via professional networking to statewide professional GIS staff to use our data for the AZT

Sincerely,
Aaron Seifert, GISP
ATA GIS Director