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**TYLER**

**HISLOP**

**ABOUT ME**

*I’m an experienced data professional dedicated to*

*generating value from data and maintaining geospatial*

*resources. I’m skilled in project management, GIS, data analytics, and accurate, timely reporting.*

*I have extensive experience in working with large datasets, creating a smooth data pipeline, and I’m committed to improving collaboration with others.*

*In my current role, I’ve built a team capable of responding to challenging data requests, collaborating across the state, and creating new and exciting information for the Public.*

*In my next role, I’m looking to continue learning and building experience in a project management/data centric role.*

**EDUCATION**

University of Colorado at Boulder – BAs in Anthropology and History Graduation: May 2010

**INTERESTS**

Skiing, bike racing, language, travel, computers, lifelong learning

**EXPERIENCE**

**Alaska Department of Transportation & Public Facilities**

**ENTERPRISE GIS ROUTE ADMINISTRATOR | 4.24 – Present**

* Led a team of four, responsible for federal reporting, data collection, quality control, database management
* Coordinated massive roadway asset data collection program budgeted at over $1.5m
* Co-chaired Alaska Geospatial Council - Transportation working group, supporting statewide transportation GIS
* Coordinated ongoing statewide expansion of route inventory of over 1000 new routes and route edits
* Envisioned and realized new datasets for statewide Sidewalks inventory, Alaska Marine highways routes and winter routes, contributing to new standards in rural and urban planning
* Explored use of AI in roadway asset data collection using vehicle collected imagery
* Coordinated personally with staff in each region through GIS Meet and Greet meetings
* Attended industry conferences, GIS-T and AK Geosummit
* Hired/trained two completely new staff onto Routes team
* Continual training through the use of Esri tools, especially Roads & Highways extension
* Supported legislative data requests
* Implemented Data Reviewer checks in Enterprise GIS Environment
* Supported annual federal data reporting needs

**PAST EXPERIENCE**

**Alaska Department of Transportation & Public Facilities**

**HIGHWAY PERFORMANCE GIS ANALYST | 11.21 to 3.24**

* Supports Federal Highway Administration's Highway Performance Monitoring System (HPMS)
* Collects and curates information regarding extent, condition, performance, use, and operating characteristics of roadways
* Familiarity with diverse datasets including traffic volume, traffic class, speed data, travel time reliability, vehicle weight data, temperature data probe, and traffic design
* Addressing public transportation data requests
* Creation of maps using ArcGIS Pro and ArcGIS Online to synthesize and analyze different data relationships
* Weigh in Motion program administration - enhanced value of WIM project through new sensor testing in multi-year pilot project
* Regular meetings/collaboration with cross-department State of Alaska GIS users
* Tasking of remote sensing imagery and evaluating use in roadway asset data collection

**Alaska Department of Transportation & Public Facilities**

**TRAFFIC DATA PLANNER | 11.19 - 12.21**

* Monitored over 50 Continuous Count Stations: sophisticated network of remote sensors configured to monitor traffic data
* Provided continual analysis of volume, vehicle class, and tracked maintenance issues across sensor network
* Assisted the public with targeted traffic data requests, showcasing strong communication and customer service skills.
* Assisted in Maintenance of Continuous Count Stations, Deployed Miovision Camera Systems in the Field
* Geospatial training with Esri platforms
* Collaborated in developing Bethel Ice Road Traffic Monitor, developed with my team a radar-based system to monitor ice road traffic in remote, frozen location

**Alaska Brain Injury Network, Inc**

**GRANT & DIGITAL RESOURCE MANAGER | 2016 - 2019**

* Grant Management
* Secured three year mini-grant program worth $600,000
* Disbursal of $150k annually in grant assistance
* Coordinated and led monthly committee meetings
* Quarterly grant reporting to ensure health of program
* Monthly data entry and financials for in-house and State of Alaska record keeping

**PREVIOUS EXPERIENCE**

* Continuous employment back to 2006 in various sectors including local government service, agriculture, tourism, business development, retail and culinary