



## **I. STRATA NETWORKS HISTORY & EXPERIENCE**

STRATA is proven, respected, and experienced in fiber-optic telecommunications infrastructure buildout and operation. Having been providing telecommunications services and building the networks to support those services since 1951, with a focus on fiber infrastructure since the 1980's, STRATA has nearly 70 years of industry experience. STRATA Networks is the largest independent telecommunications cooperative in the state of Utah.

Over the last several decades, STRATA has built more than 1400 route miles of fiber, and currently maintains a fiber transport network of approximately 2400 route miles of fiber and associated network equipment.

## **II. PROFESSIONAL WORK EXPERIENCE**

STRATA has traditionally designed, built, and maintained its infrastructure utilizing in-house staff. This has allowed STRATA to develop in-house expertise in telecom engineering, rights-of-way/permitting, construction, fiber splicing, fiber installation, fiber maintenance, and technical support. STRATA has nearly 300 qualified employees. We have selected some of our in-house staff certifications/qualifications most relevant and applicable to this project and listed them here (number of staff with certificate/qualification in parenthesis):

- Certified Professional Engineer (2)
- Master Electrician (2)
- Journeyman Electrician (6)
- CompTIA Project+ (1)
- CompTIA Network+ (2)
- CompTIA A+ (4)
- CompTIA Network+ (3)
- National Safety Council Advanced Safety Certificate (1)
- OSHA 30 Certification (1)
- National Electric Safety Code Training Certificate (52)
- NCTI Fiber Install & Activation Certification (5)
- Active General Contractor License - Contractors License Professional DOPL (4)
- Ethernet Access Network Specialist (4)
- Calix System Specialist (4)
- AGC/UDOT Traffic Control Maintainer Certificate (24)
- ATSSA Traffic Control Technician Certification (13)
- Traffic Control Supervisor – Utah (2)
- Data Center Engineering Specialist Certificate (2)
- Data Center Infrastructure Expert Certificate (2)
- IDCA Data Center Operations Manager Certificate (2)
- Photoshop Adobe Certified Expert (1)
- SHRM Certified Professional Certificate (2)
- Google Analytics Certification (1)



- Microsoft Certified Solutions Associate: BI Reporting (1)
- Microsoft Technology Associate: Database Fundamentals Certification (1)
- ABS Inventory/Purchasing Management (2)
- NTCA 2018 Cyber Wise Risk Management Certification (1)
- Milestone Certified Design Engineer (1)
- Mapcom M4 Certified – Specialist, Professional, Expert, &/or Master (64)
- State Licensed Attorney - Utah (1)
- Certified Professional Accountant (2)

STRATA has an up-to-date and well-maintained fleet with a broad array of the heavy and light equipment needed to complete the work required for operating and maintaining fiber networks.

STRATA owns and operates its own sophisticated Network Operations Center (NOC), with live staffing 24 hours per day/365 days per year, which is leveraged to provide proactive network monitoring and incident response management.

STRATA owns and operates its own state of the art Data Center facility, located in Vernal, UT, which is made available to ISP's for data storage, server management, etc. Network backhaul from Salt Lake City to both the NOC and Data Center is fully redundant and geographically diverse. STRATA also has redundant and geographically diverse fiber optic routes into Denver, Colorado.

STRATA provides a variety of services in several cities and counties within Utah, and surrounding states. Within the references section of this document, we have included brief descriptions of several projects and partnerships.

### **III. PROJECTS & REFERENCES**

**LYNNE YOCOM** (Fiber Optics Manager)  
Utah Department of Transportation (UDOT)  
2060 South 2760 West  
Salt Lake City, UT 84104  
Phone: 801-514-4565  
Email: [lyocom@utah.gov](mailto:lyocom@utah.gov)

Notable Project(s) with STRATA Networks:

STRATA has a long-standing relationship with UDOT having partnered on multiple projects for over a decade. Recently, STRATA completed a 70-mile fiber-optic infrastructure build from Vernal, Utah to Manila, Utah and to Dutch John, Utah. This project represented a joint partnership between the Utah Education and Telehealth Network (UETN), UDOT, and STRATA Networks. The project traversed some of the most challenging terrain imaginable with roughly 40% of the route constructed in solid rock at a depth of 54". The route also included the installation of conduits through the Flaming Gorge Dam. The project required building and maintaining close working relationships with the U.S. Forest Service, Bureau of Reclamation, Bureau of Land Management, UDOT, and local County Government entities. The project delivered services to schools in Manila and Dutch John as well as a medical clinic in Manila. UDOT also received fiber infrastructure throughout the route for communications with road cameras,



weather stations, and road sheds in the region, improving safety for vehicle traffic on the roadways. The project was funded with contributions from STRATA Networks, UETN, UDOT, and the Federal Communications Commission (FCC) via E-Rate funds. Despite many challenges, the project was completed ahead of schedule and on budget.

STRATA worked as a sub-contractor on two recent UDOT projects along Interstate 84 (between Tremonton, Utah and the Idaho/Utah border) and along Interstate 70 (between Cove Fort and Salina Canyon). STRATA deployed multiple crews for these projects to place 8 conduits with the use of a rock saw and a D8T plow along with other support equipment and vehicles. STRATA's contributions to the project totaled ~60 miles of conduit placement. Additionally, STRATA deployed other crews to do micro-trenching to connect various rest stops along the route, chain trenching through lava rock near Cove Fort, as well as duct proofing, micro-duct jetting, installing mule tape, and blowing/installing fiber cable for roughly 30 miles of the project on Interstate 70. The project was funded with contributions from UDOT and CARES Act fund allocations and the work was completed on an extremely constricted timeline between October 2020 and January 2021.

**KELLEIGH COLE** (Strategic Projects/Senior IT Manager)

Utah Education and Telehealth Network (UETN)

101 Wasatch Drive

Salt Lake City, UT 84112

Phone: 801-244-2866

Email: [kcole@uen.org](mailto:kcole@uen.org)

Notable Project(s) with STRATA Networks:

STRATA has a long-standing relationship with the Utah Education and Telehealth Network, currently providing connections to 30+ schools, hospitals, clinics, and head-start facilities in Utah. STRATA has partnered with UETN, advocating connectivity for education and medical services, for over two decades. As mentioned in the UDOT reference, recently, STRATA completed a 70-mile fiber-optic infrastructure build from Vernal, Utah to Manila, Utah and to Dutch John, Utah. This project represented a joint partnership between the Utah Education and Telehealth Network (UETN), UDOT, and STRATA Networks. The project traversed some of the most challenging terrain imaginable with roughly 40% of the route constructed in solid rock at a depth of 54". The route also included the installation of conduits through the Flaming Gorge Dam. The project required building and maintaining close working relationships with the U.S. Forest Service, Bureau of Reclamation, Bureau of Land Management, UDOT, and local County Government entities. The project delivered services to schools in Manila and Dutch John as well as a medical clinic in Manila. The project was funded with contributions from STRATA Networks, UETN, UDOT, and the Federal Communications Commission (FCC) via E-Rate funds. STRATA participated with UETN staff in multiple in-person individual meetings in Washington D.C. with then-FCC Chairman Ajit Pai, FCC Commissioner Michael O'Reilly, FCC Commissioner Jessica Rosenworcel's staff, then-Senator Orrin Hatch's staff, then-Representative Rob Bishop, and others, in effort to secure the E-Rate funding needed to complete the project. STRATA's partnership and commitment with UETN has proved successful in this project and many others. Despite many challenges, the project was completed ahead of schedule and on budget.



**IRENE HANSEN** (Duchesne County Commissioner)

Duchesne County  
734 North Center Street  
Duchesne, Utah 84021  
Phone: 435-738-1139  
Email: [ihansen@duchesne.utah.gov](mailto:ihansen@duchesne.utah.gov)

Notable Project(s) with STRATA Networks:

STRATA has deployed fiber optic infrastructure in Duchesne County for over 30 years. Recent projects include efforts to deliver fiber-to-the-premises (FTTP) to the residents and businesses of Duchesne County. These efforts are ongoing but, to date, STRATA has delivered FTTP to nearly 10,000 locations across the Uintah Basin, including Duchesne County. STRATA has participated in numerous community partnership efforts and has worked closely with Irene Hansen both as a County Commissioner and in her previous role as the Director of the Duchesne County Chamber of Commerce.

**SYLVIA WILKINS** (Economic Development Director)

Uintah County  
152 East 100 North  
Vernal, Utah 84078  
Phone: 435-781-6767  
Email: [swilkins@uintah.utah.gov](mailto:swilkins@uintah.utah.gov)

Notable Project(s) with STRATA Networks:

STRATA has deployed fiber optic infrastructure in Uintah County for over 20 years. Recent projects include efforts to deliver fiber-to-the-premises (FTTP) to the residents and businesses of Uintah County. These efforts are ongoing but, to date, STRATA has delivered FTTP to nearly 10,000 locations across the Uintah Basin, including Uintah County. Recently, STRATA worked closely with Uintah County and Vernal City to apply for the Utah Rural Coworking and Innovation Center (RCIC) Grant. Uintah County and Vernal City were awarded grant funding to complete this project. STRATA provides gigabit fiber connectivity to this location. More information about the Vernal Innovation Hub can be found here: <https://members.vernalinnovationhub.com/>

**REBECCA DILG** (Rural Community Outreach Manager)

Utah Governor's Office of Economic Development (GOED)  
60 East South Temple, Suite 300  
Salt Lake City, Utah 84111-1004  
Phone: 801-230-2269  
Email: [rdilg@utah.gov](mailto:rdilg@utah.gov)

Notable Project(s) with STRATA Networks:

STRATA has engaged with Rebecca Dilg in her role as the Director of the Utah Broadband Advisory Council. STRATA has participated and contributed to this Council for over a decade. Rebecca has been an advocate for broadband deployment efforts across the State and has supported STRATA on various



projects including FTTP efforts, fiber infrastructure builds with UDOT and UETN, and funding efforts with various entities such as the U.S. Department of Agriculture (USDA) through Rural Utility Services (RUS). Rebecca has been a trusted and valuable partner for broadband efforts in Utah.

**DAVID BROTHERRSON** (Superintendent)

Duchesne School District

1010 East 200 North

Roosevelt, Utah 84066

Phone: 435-725-4500

Email: [superintendent@dcsd.org](mailto:superintendent@dcsd.org)

**RICK WOODFORD** (Superintendent)

Uintah School District

635 West 200 South

Vernal, Utah 84078

Phone: 435-781-3100

Email: [rick.woodford@uintah.net](mailto:rick.woodford@uintah.net)

Notable projects with STRATA Networks:

STRATA Networks has provided telecommunications services to Uintah and Duchesne School District business offices, schools, faculty, staff, and students for more than 20 years. Recently, STRATA worked closely with both Uintah and Duchesne School District personnel to secure \$600,000 in state grant funding to provide internet service to students who were at risk due to no internet connection at home.