



To: Mayor and Town Council Members

From: Mark C. Meyers, Town Manager

Date: September 3, 2026

Subject: Town Engineer Proposal

Background

With the departure of long-time Town Engineer Rod Mills effective October 1st, staff has solicited a proposal from Sunrise Engineering to become the Town's engineer of record. Sunrise has a great deal of experience with the town since preparing several plans including the Ground Water Protection Plan, Stormwater Management Plan and Asset Management Plan. They are also responsible for the new digital zoning map and construction of the East Water tank and have successfully identified grant funding for projects. Sunrise has gotten to know the town and its challenges and opportunities and is familiar with our staff. In fact, as council knows, they currently provide planning and zoning administrator services through Ryker Steglich of their firm.

Sunrise Engineering has extensive municipal experience performing work for many area cities and towns including serving as city engineers for Santa Clara, LaVerkin and Springdale. Troy Washburn who has been facilitating the current studies, plans and capital improvements on behalf of Sunrise and would be the lead engineer. He works out of their St. George office where there is a dozen more staff who are available to meet town needs. They have a "deep bench."

Attached is a formal proposal for discussion and consideration. It provides a description of the firm, scope of services, client list, staffing, and cost proposal. Mr. Washburn will attend the meeting to introduce himself and answer any specific questions regarding the proposal. The cost is an increase over what we have been paying for town engineering services (\$44-\$67/hr), but is a reduced rate from the firm's standard schedule. Staff will consider any budget adjustments during mid-year review.

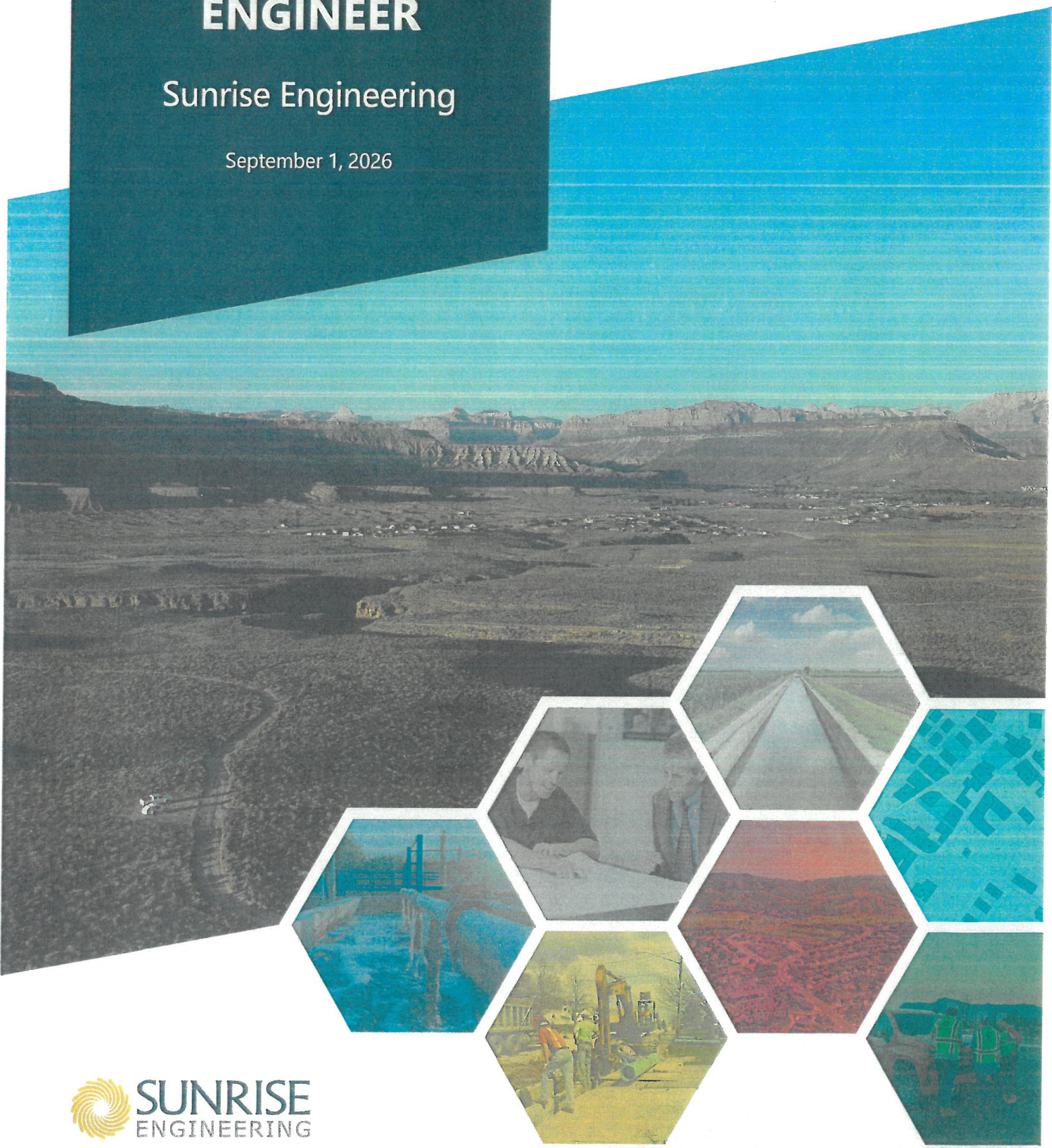
Recommendation

Staff recommends that Town Council review and discuss the proposal and consider formal approval at the regular council meeting on September 15, 2026.

VIRGIN TOWN ENGINEER

Sunrise Engineering

September 1, 2026





11 North 300 West, Washington, Utah 84780
TEL 435.652.8450 | FAX 435.652.8416

September 1, 2026

Virgin Town
40 Main Street
Virgin, UT 84779

RE: Virgin Town Engineer

Dear Selection Committee,

Sunrise Engineering is pleased to submit this proposal to provide engineering services for Virgin Town. We value the opportunity to partner with the Town, build a trusted professional relationship, and provide responsive support that advances Virgin's infrastructure priorities, community growth, and long-term operational success.

Our project team has extensive experience providing city engineering and on-call engineering services to communities throughout Utah. We maintain close relationships with the Community Impact Board (CIB), Utah Division of Drinking Water (DDW), Utah Division of Water Quality (DWQ), and other state and federal funding agencies. These connections allow us to provide informed, realistic recommendations regarding potential funding opportunities. Our team also understands the unique needs and challenges facing rural communities and is prepared to provide practical solutions tailored to Virgin Town.

Sunrise possesses the experience, availability, and technical expertise needed to support the Town successfully. It would be our pleasure to serve as Virgin's engineer on retainer and assist with the ongoing maintenance, growth, and operation of the community. Please contact us if you have any questions or need additional information.

Sincerely,

Troy Washburn, PE
Town Engineer
435.652.8450 | troy.washburn@sunrise-eng.com

Firm Qualifications



TOWN ENGINEER

- Troy Washburn, PE
 11 North 300 West
 Washington, Utah 84780
 435.652.8450
 troy.washburn@sunrise-eng.com

SUNRISE OFFICES

UTAH

- » St. George
- » Cedar City
- » Fillmore
- » Logan
- » Nephi
- » N/S Richfield
- » Roosevelt
- » Salt Lake City
- » South Ogden
- » Utah County
- » Vernal
- » West Jordan

WYOMING

- » Star Valley
- » Laramie
- » Cheyenne
- » Kemmerer

ARIZONA

- » Phoenix Metro
- » Prescott
- » Kingman

COLORADO

- » Fort Collins
- » Alamosa

NEVADA

- » Las Vegas

IDAHO

- » Pocatello
- » Rexburg

SUNRISE-ENG.COM

For more information, please visit our website.

WHO WE ARE

Since 1978, Sunrise Engineering has been a trusted partner for municipalities, working to enhance infrastructure and improve the quality of life for residents. From our beginnings as a small surveying firm in Fillmore, Utah, we've grown into a multidisciplinary company with nearly 500 professionals across 24 offices. Our team provides the expertise cities and towns need to build resilient infrastructure, support sustainable growth, and address the evolving challenges of their communities.

Our services are tailored to meet the unique needs of municipalities and include water and wastewater systems, transportation planning, drainage solutions, land development, and building code compliance. Acting as an extension of your city staff, we assist with infrastructure assessment, project prioritization, and securing funding for critical improvements. Our capabilities also extend to parks and recreation design, environmental planning, GIS mapping, and community development, providing integrated solutions that support every aspect of municipal operations.

At Sunrise, we understand the complex demands cities face, from maintaining aging systems to planning for growth. That's why we prioritize collaboration, ensuring our solutions are practical, cost-effective, and aligned with your community's vision. More than just a consultant, we are a dedicated partner invested in your success. By combining decades of experience with innovative approaches, we deliver projects that enhance the daily lives of residents while preparing your city for the future.

SERVICES OFFERED



Water
Site Development

Wastewater
Environmental

Transportation
Structural

Parks & Recreation
Electrical

Drainage/Flood Control
Construction Management



3D Imaging

Topographic

Construction Layout

Land Boundary/Easements/Right-of-Way



Utility Mapping
Field Collection

Cemetery Management
Mapping, Management, & Analytical Services

Trails & Transportation
Land Use Management
Cloud Smart GIS



Training & Qualification

Compliance & Studies

Pipeline Engineering

3rd Party Inspections

As-Built Mapping



Building Inspection

Plan Review

3rd Party Inspections

Peer Reviews & Code Consulting



Community Planning

Economic Development

Environmental Planning

Public Involvement

Scope of Services

Sunrise Engineering understands that Virgin Town needs a responsive, practical town engineer who can support day-to-day municipal decisions while helping the Town plan, fund, permit, design, and construct infrastructure improvements. Our approach is to serve as an extension of Town staff – providing accessible technical leadership, clear communication, sound engineering judgment, and the multidisciplinary resources necessary to address both immediate needs and long-term community priorities. This approach reflects Sunrise's established city engineering model for municipalities throughout Utah.

We recognize that Virgin's engineering needs may range from routine development and plan review to utility, roadway, drainage, parks, trail, and facility improvements. Sunrise will provide a single, accountable point of contact for the Town, supported by in-house specialists in water and wastewater, stormwater and flood control, transportation, land development, survey, GIS, planning, public involvement, funding, construction administration, and environmental permitting. This team-based structure gives the Town access to the appropriate expertise for each assignment without the cost of maintaining those disciplines in-house.



RESPONSIVE TOWN ENGINEERING SUPPORT

Sunrise and Rod Mills have identified Troy Washburn as the accountable point of contact who will work directly with the Mayor, Town Council, Planning Commission, Town staff, Public Works personnel, developers, residents, and agency partners. Troy will be available to provide engineering opinions, technical memoranda, cost opinions, staff-report support, and attendance at Town Council, Planning Commission, staff, project coordination, and public meetings as requested.

Our goal is to make it easy for Town staff to obtain reliable answers and move matters forward efficiently. Small, routine requests can be handled promptly under a general engineering task. For larger or more complex assignments, Sunrise will first provide a concise written scope, anticipated budget, schedule, and deliverables for Town review and authorization. This structure provides the Town with visibility and control over engineering expenditures while allowing urgent matters to be addressed without unnecessary delay.



DEVELOPMENT REVIEW & PLAN REVIEW

Sunrise will support the Town in managing development in a consistent, timely, and technically sound manner. Services may include review of subdivision plats, site plans, grading and drainage plans, utility plans, roadway and access improvements, flood-control measures, and construction documents for conformance with Town standards, adopted plans, applicable codes, and long-term operations and maintenance needs. Brad Robbins, our planning and development specialist, will assist with reviews for compliance with applicable codes, ordinances, and planning documents, while Troy will review the technical and engineering elements for compliance with applicable engineering standards and requirements.

For each development review, Sunrise will evaluate both the broader system implications – such as water supply, sewer capacity, drainage, access, roadway connectivity, and future public improvements – and the detailed technical requirements of the submittal. Review comments will be coordinated internally before being transmitted to the Town, providing clear, complete, and consistent direction to applicants. Sunrise can also assist with development agreements, improvement-cost estimates, inspection requirements, financial-security recommendations, and project acceptance documentation.

INFRASTRUCTURE PLANNING & CAPITAL IMPROVEMENT SUPPORT

Sunrise will help Virgin make informed, cost-effective decisions about municipal infrastructure. As requested, we will assess existing conditions, identify deficiencies and risks, evaluate alternatives, prepare planning-level cost estimates, and develop phased implementation recommendations. This work may include water, wastewater, stormwater, drainage, roads, trails, parks, public facilities, and related municipal assets.

We will support the Town's capital improvement plan by identifying priority projects, estimating probable costs, considering operational and lifecycle needs, and developing realistic implementation schedules. Where useful, Sunrise can prepare or update master plans, system models, feasibility studies, impact fee support documents, GIS mapping, and asset-management tools to give the Town a defensible basis for future investment decisions.

FUNDING & AGENCY COORDINATION

Sunrise will identify practical funding opportunities early in project development so that project scope, timing, and documentation align with potential grant and loan requirements. Justin Atkinson, our funding specialist, and Troy can assist Virgin with funding strategies, applications, engineering exhibits, cost estimates, schedules, and supporting technical documentation, as well as compliance and reporting requirements after funding is awarded.

Justin and Troy will also coordinate with the agencies, utilities, and stakeholders relevant to each assignment. This may include Washington County, UDOT, state water-quality and drinking-water agencies, FEMA, utility providers, landowners, and other local, state, or federal entities. Early agency coordination helps identify permitting, right-of-way, environmental, utility, and constructability issues before they affect project schedules or budgets.

PROJECT DELIVERY THROUGH CONSTRUCTION

For Town capital projects, Sunrise will provide complete support from initial concept through final closeout. Depending on the Town's needs, services may include survey and base mapping, alternatives analysis, preliminary engineering, design, permitting, bid-document preparation,

contractor procurement, construction administration, observation, materials-testing coordination, pay request review, change-order evaluation, record drawings, and warranty period support.

During construction, Sunrise will represent the Town's interests by monitoring progress, responding to field issues, reviewing submittals, documenting work, coordinating with contractors, and helping ensure that improvements are constructed in accordance with approved plans and specifications. We will emphasize practical constructability, clear documentation, timely decision-making, and protection of Town funds throughout the process.

COMMUNICATION, COST CONTROL, & QUALITY ASSURANCE

Sunrise's project management approach is built on clear expectations and consistent communication. For each significant assignment, we will establish the project objectives, scope, responsibilities, budget, schedule, milestones, deliverables, and communication protocols. The Town will receive regular updates from Troy regarding completed work, upcoming decisions, budget status, schedule risks, and recommended next steps.

All major deliverables will undergo internal quality assurance and quality control review by qualified personnel independent of the primary preparer. This process provides a fresh technical review of calculations, reports, plans, specifications, and cost estimates before delivery to the Town. Sunrise will maintain organized electronic project files and provide records or final deliverables to support the Town's long-term institutional knowledge.

COMMITMENT TO VIRGIN TOWN

Sunrise will bring the responsiveness of a local partner and the depth of a multidisciplinary municipal engineering firm. We will work collaboratively with Town leadership and staff to address immediate needs, guide development responsibly, advance priority capital projects, pursue outside funding, and strengthen the Town's infrastructure for the future. Our objective is a long-term working relationship built on accessibility, transparency, sound technical advice, and successful project delivery.



Similar Clients & Projects

Sunrise Engineering is committed to producing quality work and lasting relationships with each client, community member, and employee we work with. We constantly invest and take pride in our staff and work together to make each project successful for our clients and communities. Our clients have deep confidence in our skilled workforce, which has led to long-term relationships and years of successful projects and services.

SANTA CLARA CITY ENGINEER SANTA CLARA CITY, UT

Description:

Sunrise has provided long-term city engineering support to Santa Clara City, assisting with municipal infrastructure planning, design, development review, funding, and construction administration. Services have included GIS mapping for water, sewer, and electrical systems; culinary water, stormwater, transportation, parks, public safety, and impact fee planning; water-rights management; source protection planning; building and safety reviews; and miscellaneous engineering consultation. Representative projects included the South Hills Tank and Transmission Line, Hafen Well and Gubler Park improvements, Santa Clara Heights water improvements, Pioneer Parkway, Lava Flow Trail improvements, cemetery expansion, and multiple master plans.

Contact: Casey Stratton | 435.673.6712, cstratton@santaclarautah.gov

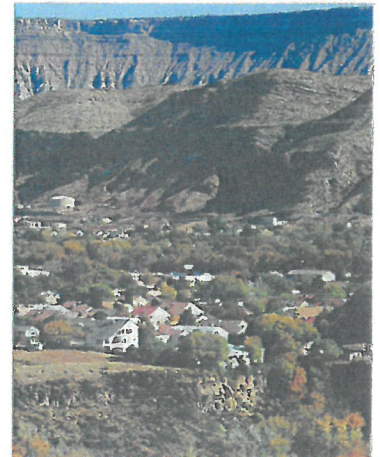


LAVERKIN CITY ENGINEER LAVERKIN CITY, UT

Description:

Sunrise has served La Verkin City for many years, providing city engineering, infrastructure planning, development review, design, funding assistance, bidding, construction administration, and inspection services. Sunrise's work has addressed culinary water, irrigation, stormwater, transportation, roadways, annexations, and private development. Assignments included the Culinary Water Master Plan, Stormwater Master Plan, Irrigation System Master Plan, Transportation Master Plan, La Verkin Road Improvements, Culinary Water Improvements, 100 East Road Improvements, Prairie Hollow Road, and reviews for the Silver Springs RV Park, La Verkin Business Park, Riverwood Development, and other residential and commercial developments.

Contact: Derek Imlay | 435.635.2581, derek.imlay@laverkincity.org

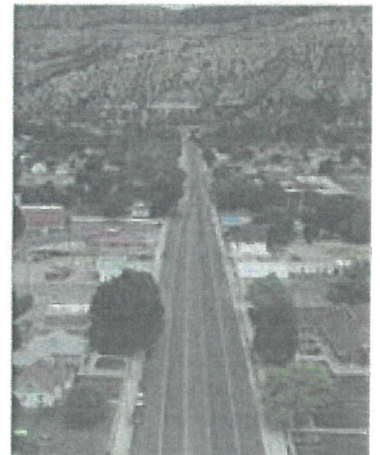


ORDERVILLE CITY ENGINEER ORDERVILLE CITY, UT

Description:

Sunrise has provided on-call town engineering services to Orderville, supporting municipal planning, funding, permitting, design, bidding, construction administration, inspection, development review, mapping, and general technical consultation. Sunrise has assisted the City with culinary water system planning and improvements, impact fee facilities planning and analysis, general plan updates, utility GIS mapping, roadway and pedestrian improvements, and development-related engineering reviews. Projects included the Culinary Water Master Plan, Culinary Water IFFP and IFA, General Plan Update, Safe Routes to School improvements, and the 2026 Culinary Water Improvements project.

Contact: Breanna Crofts | 435.648.2534, office@ordervilleut.gov



ENOCH ON-CALL CITY ENGINEER

ENOCH CITY, UT

Description:

Sunrise Engineering has supported Enoch City through on-call engineering services covering infrastructure evaluation, master planning, impact fee planning, funding coordination, permitting, design, bidding, and construction-phase support. Assignments have addressed culinary water, stormwater, transportation, recreation, public safety, watershed planning, GIS, and development-related infrastructure. Work included the Culinary Water Impact Fee Plan, Stormwater IFFP updates, Transportation IFFP and IFA, Recreation IFFP and IFA, Public Safety IFFP, and East Bench Watershed Plan and Environmental Assessment.

Contact: Ryan Robinson | 435.586.1119, ryan@enochcityut.gov



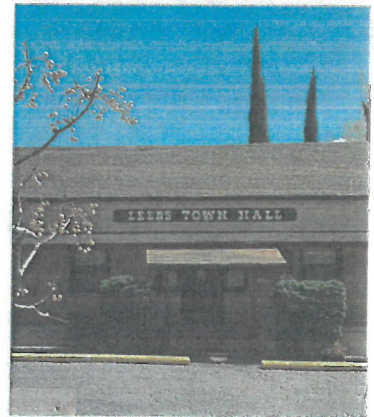
LEEDS ON-CALL CITY ENGINEER

TOWN OF LEEDS, UT

Description:

Sunrise has provided engineering support to the Town of Leeds for more than 16 years, including service as town engineer. Sunrise assisted the Town with municipal infrastructure planning, development review, technical consultation, funding, design, construction administration, inspection, surveying, and mapping. Assignments included the General Plan Update, Stormwater Master Plan, parks, cemetery, roadway, and public safety impact fee planning, and miscellaneous engineering services. This long-term involvement has given Sunrise a strong understanding of the Town's infrastructure, development pressures, annexation considerations, and rural community priorities.

Contact: Wayne Peterson | 435.879.2447, mayor@leeds.utah.gov



ENTERPRISE ON-CALL CITY ENGINEER

ENTERPRISE CITY, UT

Description:

Sunrise has provided Enterprise City with on-call engineering services for municipal infrastructure, development review, planning, funding, permitting, design, bidding, construction administration, inspection, surveying, and mapping. Sunrise's projects have included storm drain master planning, culinary water and utility mapping, local street and roadway improvements, parks and recreation improvements, infrastructure studies, and general consultation. Work included the Enterprise Storm Drain Master Plan, citywide utility GIS mapping, local road projects, park tennis court improvements, wastewater improvements, and the EPA-required water service line inventory.

Contact: Adam Bowler | 435.878.2221, adam@enterpriseutah.org



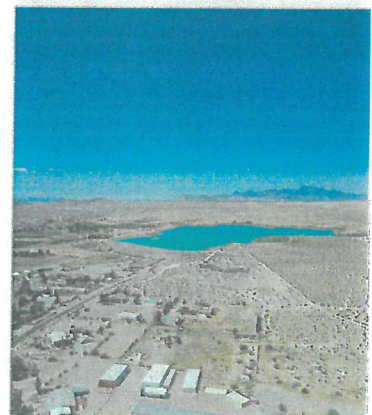
MOAPA VALLEY WATER DISTRICT ENGINEER

MOAPA VALLEY WATER DISTRICT, NV

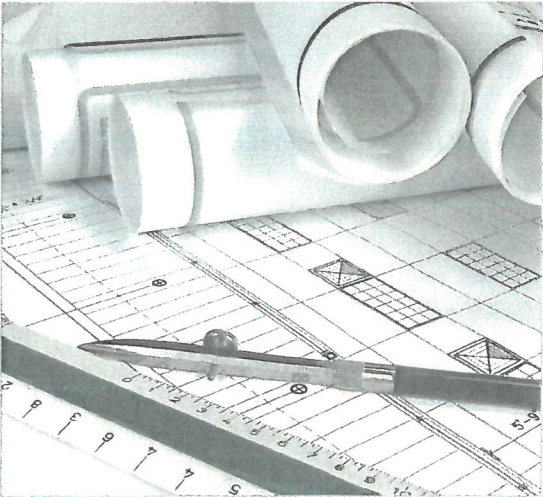
Description:

Sunrise has supported the Moapa Valley Water District through its engineering pool since 2015, providing on-call water-system engineering, master planning, capital improvement planning, hydraulic analysis, permitting, design, bidding, and construction administration. Sunrise's work addressed storage tanks, transmission and distribution pipelines, wells, vaults, system rehabilitation, and long-term capital needs. Work included the Coyote Springs Disconnect Vault, Reid Gardner Pipeline Replacement, Overton Tank Refurbishment, Logandale East Tank Refurbishment, Main Street Water Line Improvements, Narrows Tank, and Arrow Canyon Well.

Contact: Joe Davis | 702.397.6893, contact@moapawater.com



Additional City Engineering & On-Call Experience	SERVICES PERFORMED									
	Engineering/On-Call	Development Review	Planning/Ordinances	Water	Wastewater	Stormwater	Transportation	GIS/Survey	Funding/Permitting	Construction Services
Springdale Town Engineer	●	●	●	●	●	●	●	●	●	●
Toquerville On-Call	●	●	●	●	●	●	●	●	●	●
Colorado City On-Call	●	●	●	●	●	●	●	●	●	●
Hildale On-Call	●	●	●	●	●	●	●	●	●	●
Washington City On-Call	●	●	●	●	●	●	●	●	●	●
St. George City On-Call	●	●	●	●	●	●	●	●	●	●
Lincoln County Engineer	●	●	●	●	●	●	●	●	●	●
Virgin Valley Water District On-Call	●	●	●	●	●	●	●	●	●	●



Project Team

At Sunrise, we understand that when you select a professional services team, you are ultimately selecting people – people that you will be working with side by side for years to come. Effective teams do not happen by accident. It can take years of collaborative efforts between the people involved to identify and harness the unique talents of each team member in order to improve upon and strengthen the team – and ultimately a client's project.



**TROY
WASHBURN, PE**
Town Engineer



**VERN
MALOY, PE**
Principal

KEY PERSONNEL



**NATE
WALLENTINE, PE**
Stormwater Support



**JON
HANSON, PE**
Geotechnical Support



**PAUL
ANDERSEN, PE**
Groundwater Support



**RYKER
STEGlich**
Ordinance &
Planning Support



**STEVE
HANSEN, PE, SE**
Structural Support



**MIKE
HARE, PE, EE**
Electrical Support



**JACOB
SAVAGE, PLS**
Survey Support



**BRAD
ROBBINS**
Development Support



**JEFF
MORTIMER, PE, PTOE**
Transportation Support



**JUSTIN
ATKINSON**
Funding Support

Troy Washburn, PE

Town Engineer

EDUCATION

BS - Civil Engineering, Brigham Young University - Idaho

MS - Civil Engineering, Brigham Young University

YEARS IN PROFESSION

7; 1.5 with Sunrise Engineering

REGISTRATIONS

Professional Engineer

- Utah #14269329

CERTIFICATIONS

- ACI Concrete Field Testing Grade 1
- Level 1 Soil Evaluation & Percolation Testing



Troy brings civil engineering, geotechnical, construction, and project management experience to municipal infrastructure assignments. He manages projects from initial concept through completion, serving as the primary client contact, coordinating with contractors and technical staff, and maintaining responsibility for schedules, budgets, communication, and quality outcomes.

Before joining Sunrise, Troy supported geotechnical investigations, foundation and excavation observation, field testing, report preparation, and large-scale heavy civil construction. His experience also includes QA/QC, production tracking, submittal and RFI coordination, and evaluation of geotechnical data. This combination of technical and construction experience positions him to provide responsive, practical engineering leadership for Virgin Town.

Key Project Experience

- Virgin Town On-Call Engineering Services
- Virgin Town GIS Utility System Services
- Virgin Town Groundwater Protection Study
- Virgin Town East Water Tank
- Leeds Town Engineering Services
- Springdale Engineering Services
- Moapa Valley Water District Engineering Services
- Toquerville City On-Call Engineering Services
- Virgin Town East Tank Construction Administration
- LaVerkin East Storm Drain Trunkline Phase 1
- WCWCD LaVerkin Pond and Pipeline Project
- Moapa Valley Narrows Tank and Arrow Canyon Well
- Orderville Culinary Water Improvements 2024
- Hildale A-Line Manhole Repair
- Caliente FEMA Floodway Improvements Design
- Leeds Silver Cliffs Development Utility Construction Observation
- Lincoln County Morris Motor Building
- Bridgesource Water Rights Administration
- Alamo Sports Complex
- St. George Curly Hollow Adventure Park
- Pioneer Park Phase III Improvements
- Jackson Flat Reservoir Trail Design
- Moapa Valley Water District 24-inch Line Replacement
- LaVerkin Culinary Water Improvements
- LaVerkin Reuse Pond & Transmission Line

Vern Maloy, PE

Principal

EDUCATION

BS - Civil Engineering, University of Nevada, Las Vegas

YEARS IN PROFESSION

25; 5 with Sunrise Engineering

REGISTRATIONS

Professional Engineer

- Utah #8282145
- Nevada #017794
- California #67913
- Washington #23014897
- Arizona #78997



Vern is a professional engineer with more than 25 years of experience in engineering, construction management, and infrastructure development. His background includes extensive experience managing the planning, design, and construction of public and private projects, with expertise in project delivery, contractor coordination, budgeting, scheduling, quality assurance, and stakeholder communication.

With experience spanning geotechnical engineering, materials testing, construction management, and municipal engineering, Vern brings a practical understanding of projects from initial investigation through design and construction. He has managed a diverse range of assignments for municipal, utility, and special district clients, including water, wastewater, transportation, drainage, parks, trails, and community development projects throughout Utah and Nevada.

Vern provides project management, client coordination, budget oversight, QA/QC, and multidisciplinary team leadership while also overseeing office operations and staff development. His combination of engineering expertise, construction management experience, and regional knowledge allows him to guide complex projects and deliver practical, cost-effective solutions that meet client objectives. His direct work on Virgin Town's groundwater protection, stormwater planning, wastewater study, and East Tank projects provides valuable continuity and local understanding for this contract.

Key Project Experience

- Virgin Town Groundwater Protection Study
- Virgin Town Stormwater Master Plan
- Virgin Town Wastewater Study Update
- Virgin Town East Water Tank
- Santa Clara On-Call Engineering Services
- LaVerkin City On-Call Engineering Services
- Hildale City On-Call Engineering Services
- Colorado City On-Call Engineering Services
- Apple Valley Town General Engineering
- Toquerville City On-Call Services
- Washington City On-Call Engineering Services
- Kane County Water Conservancy District On-Call Engineering
- Leeds Town Miscellaneous Engineering Services
- Springdale-Zion Water Line Connection
- LaVerkin Culinary Water Master Plan, IFFP, and IFA
- Hildale Culinary Water Master Plan and IFFP Update
- Washington City Culinary Water Master Plan Update
- Orderville Culinary Water Improvements 2024
- Moapa Valley Water District Narrows Tank and Arrow Canyon Well
- Washington City Long Valley Tank and Pump Station
- WCWCD LaVerkin Pond and Pipeline Project
- Zion National Park Sewer Improvements Phase II
- LaVerkin Reuse Pond and Transmission Line
- Caliente Flood Control Project
- Springdale Virgin River Armoring
- Zion Corridor Trail 30% Design
- Washington City Mill Creek Trail Phase I
- Orderville Transportation Master Plan, IFFP, and IFA
- Kane County Active Transportation Plan
- Washington City Parks and Recreation Master Plan and IFFP Update
- Springdale Wastewater Lagoon Improvement

Nate Wallentine, PE | Stormwater Support



EDUCATION

BS/MS - Civil Engineering, Utah State University

YEARS IN PROFESSION

8; 8 with Sunrise

REGISTRATIONS

PE: Utah #12338863, Nevada #030290

Nate has eight years of experience supporting the planning, design, and construction of municipal infrastructure projects. His background includes stormwater and drainage studies, water and wastewater systems, roadway improvements, parks, master planning, and publicly funded projects. Nate currently serves as Santa Clara City's city engineer, providing responsive technical guidance and engineering support for the community's infrastructure needs. He has coordinated with municipalities, improvement districts, regulatory agencies, and community stakeholders to develop solutions that reflect local priorities and operational needs. Nate's experience with drainage improvements, utility systems, and municipal project delivery will allow him to help Virgin Town evaluate stormwater concerns, identify practical improvements, and coordinate implementation.

Key Project Experience

- LaVerkin Storm Water and Irrigation System
- Johnson Avenue Drainage Improvements
- Cedar City I-15 Drainage Improvements
- Legacy Park Drainage Study
- Zion Dormitory Drainage Improvements
- WCWCD LaVerkin Pond, Pump Station, and Pipeline
- Apple Valley Pipeline
- Moapa Valley Water District Gubler Dr Transmission Line
- Moapa Valley Water District Swapp Dr Transmission Line
- Moapa Valley Water District
- Yamashita Drive Transmission Line
- Paragonah Water Improvements
- Pioche Booster Pumps
- Pioche Castleton Water Transmission Line
- Washington City Red Cliffs 2 MG Tank
- Santa Clara South Hills Water Improvements
- Springdale Water Treatment Plant
- Tropic Culinary Water Improvements

Jon Hanson, PE | Geotechnical Support



EDUCATION

BS/MS - Civil Engineering, Brigham Young University

YEARS IN PROFESSION

20; 3 with Sunrise

REGISTRATIONS

PE: Utah #7038303, Arizona #47882

Jon has 20 years of geotechnical engineering experience supporting residential, commercial, transportation, utility, and municipal projects. He manages project scopes, budgets, field investigations, technical analyses, and geotechnical reporting related to foundations, slope stability, pavement design, subsurface conditions, and construction recommendations. Jon serves as the lead engineer for the Town of Leeds' on-call engineering services, providing responsive technical guidance and support for the Town's infrastructure and development needs. His experience also includes supporting water tanks, pipelines, wastewater facilities, roadways, trails, and site development projects throughout southern Utah. Jon will help Virgin Town identify geotechnical conditions and potential risks early, develop practical recommendations, and incorporate those findings into project planning, design, and construction.

Key Project Experience

- Virgin Town Groundwater Protection
- StudyVirgin Town East Tank
- Springdale Canyon View & Watchman Roadway Replacement
- Springdale Balanced Rock & Hummingbird Roads
- Zion National Park Sewer Phase I
- Zion Corridor Trail 30% Design
- Washington City Long Valley Tank & Pump Station
- Moapa Valley Water District Narrows Tank & Arrow Canyon Well
- Moapa Valley Water District Main Street Water Line Improvements
- Moapa Valley Water District 24-Inch Line Replacement
- Orderville Culinary Water Improvements 2024
- Paragonah Water Improvement Project 2023
- LaVerkin Culinary Water Master Plan, IFFP, and IFA
- Kane County Water Conservancy District New Paria Water Improvements
- Washington City Fields Sewer Trunk Line
- Springdale Wastewater Lagoon Improvement

Paul Andersen, PE | Groundwater Support

EDUCATION

BS/MS - Civil Engineering,
Brigham Young University

YEARS IN PROFESSION

6; 2 with Sunrise

REGISTRATIONS

PE: Utah #14258573-2202



Paul is a civil and environmental engineer with six years of experience in geotechnical engineering, groundwater-related studies, site development, construction materials testing, and municipal infrastructure. His technical background includes subsurface exploration, geotechnical investigations, fault trench studies, shear wave velocity testing, hazard analysis, hydraulic modeling, soil classification, and geotechnical report preparation. Paul serves as Orderville's engineer through Sunrise's on-call engineering services, providing responsive technical guidance and support for the Town's infrastructure needs. He has supported water facilities, pipelines, tanks, pump stations, drainage projects, and groundwater protection efforts, including the Virgin Town Groundwater Protection Study. Paul will help the Town evaluate groundwater conditions and integrate geotechnical, hydraulic, and site constraints into practical planning and design decisions.

Key Project Experience

- Virgin Town Groundwater Protection Study
- LaVerkin Secondary Water Feasibility Study
- WCWCD LaVerkin Pond Pump Station & Pipeline
- Washington City Long Valley 2 MG Tank & Booster Station
- Moapa Valley Water District Narrows 3 MG Tank & Arrow Canyon Well 3
- Toquerville Water Modeling
- Moapa Valley Water District 24-Inch Line Replacement
- Orderville Culinary Water Master Plan
- Orderville Water Project
- Parowan Airport Waterline Connection
- Kane County Water Conservancy District Clark Bench Water Improvements
- Washington County Landfill Phase 5A Expansion
- Black Desert Golf Course Irrigation Pond
- Desert Color Lagoon Rehabilitation
- Zion Canyon Hot Springs
- St. George City Fire Station No. 1
- Gould Wash Development Fault Trench
- Leeds Private Development Fault Trench

Ryker Steglich | Ordinance & Planning Support

EDUCATION

AA - Applied Technology,
Brigham Young University

YEARS IN PROFESSION

8; 1 with Sunrise



Ryker has eight years of municipal planning experience focused on long-range planning, zoning, subdivision regulations, ordinance development, and community coordination. He has worked directly with municipalities to review development requirements, prepare code updates, draft clear ordinances, and translate complex state and local regulations into practical policies. His experience includes general plans, transportation planning, zoning updates, and subdivision ordinance updates for communities throughout Utah. Ryker's existing work providing on-call planning services and subdivision ordinance support to Virgin Town gives him direct familiarity with the Town's planning framework, development needs, and regulatory priorities.

Key Project Experience

- Virgin Town On-Call Planning Services
- Virgin Town Subdivision Ordinance Update
- Leeds General Planning Services
- Milford General Plan Update
- Mt. Pleasant Transportation Master Plan
- Woodland Hills Strategic and General Plan
- Apple Valley Subdivision Ordinance Update
- Big Water Subdivision Ordinance Update
- Enterprise Subdivision Ordinance Update
- Fayette Subdivision Ordinance Update
- Hatch Subdivision Ordinance Update
- Kingston Subdivision Ordinance Update
- Manti Subdivision Ordinance Update
- Meadow Subdivision Ordinance Update
- Mount Pleasant Subdivision Ordinance Update
- Orderville Subdivision Ordinance Update
- Panguitch Subdivision Ordinance Update
- Sterling Subdivision Ordinance Update
- Toquerville Subdivision Ordinance Update
- Wallsburg Subdivision Ordinance Update

Steve Hansen, PE, SE | Structural Support

EDUCATION

BS/MS - Civil Engineering,
Brigham Young University

YEARS IN PROFESSION

21; 17 with Sunrise

REGISTRATIONS

PE/SE: Utah #5048199



Steve has 21 years of structural engineering experience supporting municipal, commercial, industrial, and civil infrastructure projects. He has designed water storage tanks, treatment facilities, pump stations, municipal buildings, retaining walls, culverts, buried vaults, junction boxes, equipment supports, and other specialized structures. His experience includes both new construction and the evaluation or rehabilitation of existing facilities, allowing him to identify structural concerns and develop practical, constructible solutions. Steve will provide Virgin Town with structural analysis, design, coordination, and quality review for municipal facilities and infrastructure requiring specialized structural expertise.

Key Project Experience

- Washington City Red Cliffs 2 MG Tank
- Herriman Zone 1 East 2 MG Tank
- Moapa Valley Water District Narrows 3.1 MG Tank
- Washington City Long Valley
- Washington Red Cliffs Pipeline
- Washington Grapevine Well No. 2
- Washington Membrane Filtration Treatment Plant
- Washington City In-Town Water Replacement
- Kane County Water Conservancy District Duck Creek Area Water Projects
- Springdale Water Treatment Plant Building
- Ogden City Water Treatment Plant Reconstruction
- Salt Lake City PRV and Hydro Building
- Herriman 5 MG Tank
- Spanish Fork Malcomb Springs 5 MG Tank
- Stansbury 3 MG Tank
- Weber Basin Little Mountain 2 MG Tank
- Cedar Mountain Fire Station No. 1
- Cedar Mountain Fire Station No. 3
- Duchesne Town Hall
- Weber Basin Water Conservancy District Hill Field Meter Vault Structural Analysis

Mike Hare, PE, EE | Electrical Support

EDUCATION

BS - Mechanical Engineering,
Brigham Young University

YEARS IN PROFESSION

9; 4 with Sunrise

REGISTRATIONS

PE/EE: Utah #13487586



Mike has nine years of experience in control systems, mechanical engineering, programming, and municipal water and wastewater automation. He designs and integrates control systems for wells, tanks, treatment plants, booster stations, lift stations, valves, irrigation systems, and process monitoring facilities. His experience includes selecting equipment and instrumentation, preparing mechanical and electrical schematics, developing control panels and RTUs, programming PLC and operator interface systems, and supporting installation, testing, and startup. Mike will help Virgin Town develop reliable electrical, controls, telemetry, and SCADA solutions that improve system monitoring, operational efficiency, and long-term maintainability.

Key Project Experience

- Axtell Water Project Preliminary Engineering Services
- Buckeye Shadow Canyon Booster Station
- Buckeye Shadow Canyon Lift Station SCADA
- ACSSD Water Project
- Bridgerland Water Improvements
- Dutch John Tank and Treatment Plant
- Florence North Plant Bypass Sewer System
- Holden Water Improvements
- Kane County Water Improvements
- Lincoln County Infrastructure Master Plan
- Lynndyl Town Well Project
- Little Meadows Estates Culinary Water System Improvements
- Moroni City Culinary Water Improvements
- Neola Sewer Improvements
- Payson Fruit Growers Pretreatment Facility
- Queen Creek Kenworthy Pit Tank and Boosters
- Riverton Green Well Reverse Osmosis Treatment
- Sedona Wastewater Treatment Plant UV Addition
- Spring City Culinary Water Project 2024
- Springdale Wastewater Lagoon Improvement

Jacob Savage, PLS | Survey Support



EDUCATION

AS - Surveying & Geomatics,
Salt Lake Community College

YEARS IN PROFESSION

8; 4 with Sunrise

REGISTRATIONS

PLS: Utah #10453280-2201,
Nevada #032329

Jacob is a professional land surveyor with eight years of experience. As a field survey manager, he oversees daily operations, provides direction to survey crews, and manages boundary, topographic, design, and construction surveys. His background includes utility, roadway, subdivision, energy, mining, airport, construction staking, ALTA, easement, and UAV survey assignments. Jacob will provide Virgin Town with accurate, responsive survey support to establish project control, document existing conditions, identify property and easement constraints, and provide the reliable base information needed for planning, design, and construction.

Key Project Experience

- Apple Valley Pipeline Easements
- LaVerkin Lead Service Line Inventory & Replacement Plan
- Zion Corridor Trail 30% Design
- Orderville Culinary Water Improvements 2024
- Kane County Water Conservancy District New Paria Water Improvements
- Clark Bench Construction Staking
- Paria Water Improvements Staking
- Colorado City On-Call Services
- Tropic General On-Call Services
- Mt. Pleasant General Services
- Loa Town General Engineering Services
- Salina General Services
- Moroni City Culinary Water Improvements
- Spring City Culinary Water Project 2024
- Spring City Sewer Improvements Project 2023
- Milford City Wastewater Improvements Phase I
- Milford City Industrial Park Road Improvements Phase I
- Parowan Airport Water Line Extension
- Desert Vista Park Improvements
- Ivins City Shared Use Path Network Gap Fill

Brad Robbins | Development Support



EDUCATION

MS - Liberal Studies, University
of Oklahoma

YEARS IN PROFESSION

36; 4 with Sunrise

Brad has 36 years of local government leadership and consulting experience, including service as a city manager, planning director, water and power general manager, and assistant city manager. His background includes development oversight, urban planning, capital project management, municipal utilities, budgeting, organizational leadership, and coordination with elected officials, boards, staff, developers, and residents. This experience gives him a practical understanding of how development decisions affect municipal operations, infrastructure capacity, public services, and long-term community priorities. Brad will support Virgin Town with development review and coordination informed by both the administrative and technical realities facing local governments.

Key Project Experience

- Apple Valley General Plan
- Big Water General Plan Update
- Fillmore City Planning Assistance
- Leeds Town General Plan Update
- Manila Planning and Zoning Ordinance Update
- Orderville General Plan Update
- Richfield City Planning
- Salem Area Plan and Economics Evaluation
- Salem City Planning Updates
- Toquerville General Plan Update
- Big Water On-Call Engineering Services
- Colorado City On-Call Services
- Fillmore City General Engineering
- LaVerkin City Engineering Services
- Santa Clara City Engineer
- Santa Clara On-Call Engineering
- Springdale Engineering Services
- Apple Valley Master Planning and IFFP
- Springdale Culinary Water Master Plan Update
- Lincoln County Airport Road Phase I

Jeff Mortimer, PE, PTOE | Transportation Support

EDUCATION

MS - Civil Engineering, Ohio University

YEARS IN PROFESSION

9; 3 with Sunrise

REGISTRATIONS

PE: UT #11631694, WY #19687, Idaho #22518



Jeff has nine years of civil engineering experience focused primarily on traffic and transportation projects throughout Utah, Idaho, Washington, Wyoming, and Colorado. His experience includes transportation master planning, impact fee facilities planning and analysis, traffic impact studies, roadway and intersection design, traffic operations, safety evaluations, and development-related transportation review. Jeff has worked in both the public and private sectors, giving him a well-rounded understanding of municipal processes, development needs, and infrastructure priorities. He will support Virgin Town by evaluating transportation impacts, identifying practical roadway improvements, and providing clear recommendations that support safe, efficient, and well-planned growth.

Key Project Experience

- Salina Transportation Master Plan
- Fillmore Transportation Master Plan
- Corinne Transportation Master Plan
- Mt. Pleasant Transportation Master Plan
- La Verkin Transportation Master Plan, IFFP, and IFA
- Big Water Transportation Master Plan
- Orderville Transportation Master Plan, IFFP, and IFA
- Toquerville Transportation Master Plan, IFFP, and IFA
- Tropic Active Transportation Plan
- Beaver County General Plan & Transportation Master Plan
- Enoch Transportation IFFP and IFA
- Hyde Park Transportation Plan
- Lincoln County Traffic Impact Study
- Santa Clara On-Call Engineering Services
- Toquerville City On-Call Services
- Stockton General Plan, Transportation Master Plan, and Zoning Code
- Wellington General Plan and Transportation Master Plan
- Coalville Transportation Master Plan, IFFP, and IFA
- American Fork 500 East Traffic and Safety Study
- UDOT Providence Highway 165 and 300 South Traffic Impact Study

Justin Atkinson | Funding Support

YEARS IN PROFESSION

35; 35 with Sunrise

CERTIFICATIONS

- Drinking Water Operator Certificate, Level D2
- Wastewater Collection & Treatment



Justin has been successful in obtaining millions of dollars in low interest loans and grants for Utah projects that include water, sewer, roads, buildings, irrigation, and parks and recreation projects. He has a close relationship with the agencies and boards that allocate money for a wide range of engineering and construction projects and has knowledge of state and federal agencies and their requirements.

Client Funding & Agency Experience

- Angell Springs SSD Culinary Water Master Plan & IFFP
- Mapleton City
- Axtell CSSD
- Apple Valley
- Centerfield City
- Fairview City
- Green River
- Hildale City
- Moroni City
- Mountain Green Sewer Improvement District
- Mt. Pleasant City
- Wales Town
- Wellington City
- Woodland Mutual Water Company
- Manti City
- Spring City
- Fayette Town
- Utah State Parks-LWCF Grant
- Community Impact Board
- Drinking Water Board
- Division of Water Quality
- Division of Water Resources
- USDA-Rural Development
- UDOT
- Economic Development Administration
- Utah Outdoor Recreation Grant
- Community Development Block Grant

2025 Fee Schedule

Sunrise Engineering's St. George Office 2025 and 2026 Fee Schedules are included for the Town's reference. Because the proposed Town Engineer agreement is anticipated to begin on October 1, 2026, Sunrise will bill Town Engineer services at the rates contained in the 2025 Fee Schedule for the remainder of calendar year 2026. Beginning January 1, 2027, Sunrise will bill services in accordance with the attached 2026 Fee Schedule. Thereafter, Sunrise will continue to bill Town Engineer services using the prior year's St. George Office Fee Schedule, providing the Town with a consistent, predictable annual billing structure and a reduced cost for services.

SUNRISE ENGINEERING

FEE SCHEDULE*

Labor Code	Work Classification	Hourly Rate	Labor Code	Work Classification	Hourly Rate
51	Administrative I	\$62	302	Engineering Tech II	\$109
52	Administrative II	\$82	303	Engineering Tech III	\$127
53	Administrative III	\$105	304	Engineering Tech IV	\$142
54	Administrative IV	\$129	305	Engineering Tech V	\$158
91	PI Specialist I	\$113	350	Construction Observer V	\$182
92	PI Specialist II	\$124	351	Construction Observer I	\$105
93	PI Specialist III	\$135	352	Construction Observer II	\$127
94	PI Specialist IV	\$147	353	Construction Observer III	\$140
95	PI Manager	\$158	354	Construction Observer IV	\$161
96	PI Director	\$170	500	Funding Specialist	\$156
100	Engineer Student Intern	\$110	510	Plan Reviewer	\$145
101	Engineer Intern (EIT) I	\$125	511	Building Inspector I	\$86
102	Engineer Intern (EIT) II	\$139	512	Building Inspector II	\$100
103	Engineer Intern (EIT) III	\$154	513	Building Inspector III	\$125
104	Engineer III	\$168	514	Building Official	\$180
105	Engineer IV	\$182	601	GIS Technician	\$90
106	Engineer V	\$196	602	GIS Senior Technician	\$110
107	Senior Engineer	\$239	611	GIS Analyst	\$135
108	Engineer VI	\$210	613	GIS Senior Analyst	\$165
109	Engineer VII	\$225	614	GIS Developer	\$175
110	Principal Engineer	\$249	615	GIS Team Lead	\$180
120	Electrical Student Intern	\$103	701	Planner I	\$117
121	Electrical Engineer Intern (EIT) I	\$143	702	Planner II	\$135
122	Electrical Engineer Intern (EIT) II	\$161	703	Planner III	\$146
123	Electrical Engineer III	\$182	704	Planner IV	\$161
124	Electrical Engineer IV	\$196	705	Planner V	\$179
125	Electrical Engineer V	\$209	706	Planning Manager	\$199
126	Principal Electrical Engineer	\$254	921	Survey Tech	\$99
127	Electrical Engineer Intern (EIT) III	\$172	930	Survey CAD Tech	\$139
128	Electrical Engineer VI	\$224	940	Survey Manager	\$188
129	Electrical Engineer VII	\$238	945	Registered Surveyor	\$203
130	Senior Electrical Engineer	\$246	950	Principal Surveyor	\$225
301	Engineering Tech I	\$95	955	One Man Survey Crew	\$165

REIMBURSABLE EXPENSE SCHEDULE*

Expense	Rate
Mileage	\$0.67/Mile
Per Diem	\$59/Day
Field Vehicle (On-Site)	\$250/Day
UTV (On-Site)	\$200/Day
Nuclear Density Gauge	\$150/Day

*Fees automatically change after the beginning of each year and are subject to change on other occasions.

*Subconsultant and other direct expenses will be invoiced as cost incurred plus 15% handling fee.

*A convenience fee of 4% will be applied to all payments made with a credit card.

Sunrise Base 02-2025

2026 Fee Schedule

SUNRISE ENGINEERING

FEE SCHEDULE*

Work Classification	Hourly Rate	Work Classification	Hourly Rate
Administrative I	\$78	Electrical Engineering Tech V	\$182
Administrative II	\$98	Construction Observer I	\$109
Administrative III	\$116	Construction Observer II	\$132
Administrative IV	\$138	Construction Observer III	\$146
Technical Editor	\$90	Construction Observer IV	\$174
Funding Specialist	\$159	Construction Observer V	\$189
Civil Engineering Intern	\$110	Plan Reviewer	\$110
Civil EIT I	\$125	Building Inspector III	\$96
Civil EIT II	\$144	Building Official	\$210
Civil EIT III	\$161	GIS Tech	\$94
Civil Engineer III	\$177	GIS Senior Tech	\$115
Civil Engineer IV	\$192	GIS Analyst	\$140
Civil Engineer V	\$199	GIS Senior Analyst	\$165
Civil Engineer VI	\$214	GIS Developer	\$182
Civil Engineer VII	\$229	GIS Team Lead	\$188
Senior Civil Engineer	\$243	Planner I	\$132
Principal Civil Engineer	\$256	Planner II	\$148
Civil Engineering Tech I	\$101	Planner III	\$164
Civil Engineering Tech II	\$123	Planner IV	\$180
Civil Engineering Tech III	\$138	Planner V	\$201
Civil Engineering Tech IV	\$148	Planning Manager	\$212
Civil Engineering Tech V	\$164	PI Specialist I	\$118
Electrical Engineering Intern	\$106	PI Specialist II	\$129
Electrical EIT I	\$143	PI Specialist III	\$141
Electrical EIT II	\$161	PI Specialist IV	\$153
Electrical Engineer III	\$182	PI Manager	\$165
Electrical Engineer IV	\$209	PI Director	\$177
Electrical Engineer V	\$231	Survey Tech	\$99
Principal Electrical Engineer	\$254	Survey CAD Tech	\$145
Electrical Engineering Tech I	\$110	Survey Manager	\$196
Electrical Engineering Tech II	\$128	Registered Surveyor	\$212
Electrical Engineering Tech III	\$149	Principal Surveyor	\$234
Electrical Engineering Tech IV	\$165	One Man Survey Crew	\$172

REIMBURSABLE EXPENSE SCHEDULE*

Expense	Rate
Mileage	\$0.67/Mile
Per Diem	\$59/Day
Field Vehicle (On-Site)	\$250/Day
UTV (On-Site)	\$200/Day
Nuclear Density Gauge	\$150/Day

*Fees automatically change after the beginning of each year and are subject to change on other occasions.

*Subconsultant and other direct expenses will be invoiced as cost incurred plus 15% handling fee.

*A convenience fee of 4% will be applied to all payments made with a credit card.

STG-2026 12-2025