

AGREEMENT FOR CONSULTANT SERVICES

THIS AGREEMENT is made and entered into this _____ day of _____, 2025, by and between the CITY OF RENO, hereinafter referred to as "CITY" and DOWL LLC, hereinafter referred to as "CONSULTANT."

WITNESSETH

WHEREAS, the CITY wishes to secure engineering services for the Thomas Jefferson Sewer and Street Rehabilitation Project, Phase 1, hereinafter referred to as "PROJECT."

NOW THEREFORE, the CITY and CONSULTANT agree as follows:

1. Objectives.

1.1 The CONSULTANT shall serve as the CITY's consultant of record and shall give advice to the CITY during performance of services to which this Agreement applies.

2. Basic Services.

2.1 The CONSULTANT will perform the services described in Exhibit A, which is attached and incorporated herein by this reference as part of this agreement.

2.2 The CONSULTANT will not change its Project Manager without written approval from the CITY.

3. CITY Responsibility.

3.1 The CITY shall designate a Project Manager to act as the CITY's representative with respect to the work performed under this Agreement.

3.2 The CITY shall give prompt written notice to the CONSULTANT whenever the CITY observes or otherwise becomes aware of a problem with the project.

4. Authorization, Progress and Completion.

4.1 By execution of this Agreement, the CITY grants to the CONSULTANT specific authorization to proceed, upon written notice, with the services described in Article 2.1 per Exhibit A until completed.

5. Compensation.

5.1 Compensation for services performed as described in Article 2.1 is based on time and materials in the not-to-exceed amount of \$377,454.00 as provided for in the Fee Schedule, Exhibit B, which is attached hereto and incorporated herein by this reference.

5.2 Invoices for services rendered shall be submitted monthly. Payment by the CITY will be made within thirty (30) calendar days of receipt.

6. Special Services.

6.1 No additional services shall be performed, and no additional compensation shall be permitted without a CITY approved written "Supplemental Agreement". **The supplemental agreement must be executed prior to the commencement or performance of any additional work. In the absence of an approved supplemental agreement, CITY shall not be obligated to reimburse CONSULTANT for amounts in excess of the not-to-exceed amount set forth in this Agreement, whether or not those excess costs were incurred during the course of this Agreement.**

7. Records to be Maintained by Consultant.

7.1 The CONSULTANT shall maintain records supporting requests for payment. Such records shall be available for inspection and audit by the CITY, and the CONSULTANT shall provide duplicate copies of all such records upon request by the CITY.

7.2 The information, conclusions and data generated during this Agreement by the CONSULTANT is for the exclusive use of the CITY. The CONSULTANT may not use this information, conclusions, or data for any purpose other than to further the requirements of this Agreement. The CONSULTANT may not produce papers for professional journals or presentations for conferences without written permission and active participation by the CITY Project Manager.

8. Ownership of Documents.

8.1 Originals of all records, reports and other documents of service prepared by the CONSULTANT shall be property of the CITY. All said documents of service shall be made available to the CITY during the course of and for use in the performance of this Agreement.

9. Skill Level of Consultant.

9.1 Service performed by CONSULTANT will be conducted in a manner consistent with that level of care and skill ordinarily expected by members of the profession currently practicing in this area under similar conditions. CONSULTANT shall be responsible for the professional quality and technical accuracy of all services furnished by CONSULTANT.

10. Insurance.

10.1 General Requirements. The CITY requires that CONSULTANT purchase Industrial Insurance, General Liability, and CONSULTANT's Errors and Omissions Liability Insurance as described below against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work here under by the

CONSULTANT, its agents, representatives, employees or subconsultants. The cost of such insurance shall be borne by CONSULTANT unless otherwise agreed.

10.2 Industrial Insurance. (Worker's Compensation & Employer's Liability). It is understood and agreed that there shall be no Industrial Insurance coverage provided for CONSULTANT or any Subconsultant by the CITY and in view of NRS 616B.627 and 617.210 requiring that CONSULTANT comply with the provisions of Chapters 616A to 616D, inclusive and 617 of NRS, CONSULTANT shall, before commencing work under the provision of this Agreement, furnish to the CITY a certificate of insurance from the Worker' Compensation Insurer certifying that the CONSULTANT and each Subconsultant have complied with the provisions of the Nevada Industrial Insurance Act, by providing coverage for each and every employee, subconsultants, and independent contractors. Should the CONSULTANT be self-insured for Industrial Insurance, the CONSULTANT shall so notify the CITY and approve written approval of such self-insurance prior to the signing of a Contract. The CITY reserves the right to accept or reject a self-insured CONSULTANT and to approve the amount(s) of any self-insured retentions. The CONSULTANT agrees that the CITY is entitled to obtain additional documentation, financial or otherwise, for review prior to entering into a Contract with the CONSULTANT.

10.3 Minimum Scope of Insurance. The following requirements apply.
Coverage shall be at least as broad as:

(a) **Commercial General Liability** at least as broad as Insurance Services Office Commercial General Liability Coverage "occurrence" form CG OO 01 04 13 or an equivalent form. The Comprehensive General Liability Coverage shall include, but is not limited to, liability coverage arising from premises, operations, independent contractors, products and completed operations, personal and advertising, injury, blanket contractual liability and broad form property damage.

(b) **Automobile Coverage** at least as broad as Insurance Services Office Business Auto Coverage form CA OO 01 10 13 or an equivalent form covering Automobile Liability Symbol 1 "Any Auto". In lieu of a separate Business Auto Liability Policy, the City may agree to accept Auto Liability covered in the General Liability Policy, if non owned and hired auto liability are included. The CONSULTANT shall maintain limits of no less than \$1,000,000 or

the amount customarily carried by the contractor, whichever is greater, combined single limit per accident for bodily injury and property damage. No aggregate limit may apply.

(c) The Additional Insured Endorsements for General Liability shall be at least as broad as the unmodified ISO CG 20 10 04 13 and ISO CG 20 37 04 13 endorsements, or equivalent. The certificate shall confirm Excess Liability is following form.

(d) Professional Errors and Omissions Liability applying to all activities performed under this Agreement in a form acceptable to CITY. CONSULTANT will maintain

professional liability insurance during the term of this Agreement and for a period of six (6) years from the date of substantial completion of the project unless waived by the CITY. In the event the CONSULTANT goes out of business during the term of this Agreement, or the six (6) year period described above, CONSULTANT shall purchase Extended Reporting coverage for claims arising out of CONSULTANT's negligence acts, errors and omissions committed during the term of the Professional Liability Policy.

10.4 Minimum Limits of Insurance. CONSULTANT shall maintain limits no less than:

(a) General Liability: \$1million minimum combined single limit per occurrence for bodily injury, personal injury and property damage, and \$2 million annual aggregate.

(b) CONSULTANT's Errors and Omissions Liability: \$2 million per claim and \$4 million as an annual aggregate during the term of this Agreement and for six years after the completion of the project, with each subsequent renewal having a retroactive date that predates the date of this Agreement. The CONSULTANT may purchase project insurance or obtain a rider on her normal policy in an amount sufficient to bring CONSULTANT's coverage up to minimum requirements, said additional coverage to be obtained at no cost to the CITY.

10.5 Deductibles. Any deductibles or self-insured retentions must be declared to and approved by the CITY Risk Manager. The CITY reserves the right to request additional documentation, financial or otherwise prior to giving its approval of the deductibles or self-insured retention. Any changes to the deductible or self-insured retention made during the term of this Agreement or during the term of any policy, must be approved by the CITY Risk Manager.

10.6 Other Insurance Provisions. General Liability Coverages

(a) The CITY, its officers, officials, and employees are to be covered as additional insureds as respects: liability arising out of activities performed by or on behalf of the CONSULTANT including the insured's general supervision of the CONSULTANT; products and completed operations of the CONSULTANT; or premises owned, occupied or used by the CONSULTANT. The coverage shall contain no special limitations on the scope of protection afforded to the CITY, its officers, officials, employees or volunteers.

(b) The CONSULTANT's insurance coverage shall be primary insurance as respects the CITY, its officers, officials, and employees. Any insurance or self-insurance maintained by the CITY, its officers, officials, and employees shall be excess of the CONSULTANT's insurance and shall not contribute to it in any way.

(c) Any failure to comply with the reporting provisions of the policies shall not affect coverage provided to the CITY, its officers, officials, and employees.

(d) The CONSULTANT's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

(e) The CONSULTANT'S insurance coverage shall be endorsed to state that coverage shall not be suspended, voided, canceled or non-renewed by either party, reduced in coverage or in limits except after at least thirty (30) days prior written notice for reasons other than non-payment of premium and at least ten (10) days for non-payment of premium, by certified mail, return receipt requested, has been given to the CITY.

10.7 Acceptability of Insurers. Insurance is to be placed with an A.M. Best and Company rating level of A - Class VII or better or otherwise approved by the CITY in its sole discretion. CITY reserves the right to require that CONSULTANT'S insurer be a licensed and admitted insurer in the State of Nevada, or on the Insurance Commissioner's approved but not admitted lists.

10.8 Verification of Coverage. CONSULTANT shall furnish the CITY with certificates of insurance, including but not limited to the Certificate of Compliance in NRS 616B.627 and with original endorsements affecting coverage required by this article. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf and must be countersigned by a duly appointed and licensed agent in this state. All approved deductibles and self-insured retentions shall be shown on the certificate. The certificates are to be on forms approved by the CITY. All certificates and endorsements are to be received and approved by the CITY before work commences. The CITY reserves the right to obtain copies of all required insurance policies.

10.9 Subconsultants. CONSULTANTS shall require all subconsultants to be insured on their own or under their policies and shall furnish separate certificates and endorsement for each subconsultant. Coverages for subconsultants shall be subject to all of the requirements stated herein, unless otherwise modified by the Risk Manager or City Attorney.

10.10 Miscellaneous Conditions.

(a) If the CONSULTANT or any Subconsultant fails to maintain any of the insurance coverage required, the CITY may terminate this Agreement for cause.

(b) CONSULTANT shall be responsible for and remedy all damage or loss to any property, including property of CITY, caused in whole or in part by the CONSULTANT, any subconsultant, or any employee, directed or supervised by CONSULTANT, except damage of loss attributable to faulty drawings or specifications.

(c) Nothing herein contained shall be construed as limiting in any way to the extent to which the CONSULTANT may be held responsible for payment for damages to persons or property resulting from her operations or the operations of any subconsultant.

(d) If CONSULTANT's failure to maintain the required insurance coverage results in a breach of this Agreement, CITY may purchase the required coverage, and without further notice to CONSULTANT, deduct from sums due to CONSULTANT any premium cost advanced by CITY for such insurance.

11. Indemnification.

11.1 To the fullest extent permitted by law, the CONSULTANT shall defend, indemnify and hold harmless the CITY and its officers, employees and agents (collectively "Indemnitee") from any liabilities, damages, losses, claims, actions or proceedings, including, without limitation, reasonable attorneys' fees, that are caused by the negligence, errors, omissions, recklessness or intentional misconduct of the CONSULTANT or the employees or agents of the CONSULTANT in the performance of this Agreement.

11.2 The CONSULTANT assumes no liability for the negligence or willful misconduct of any indemnitee or other consultants of indemnitee.

11.3 The CONSULTANT's indemnification obligations for claims involving "Professional Liability" (claims involving acts, error, or omissions in the rendering of professional services) and "Economic Loss Only" (claims involving economic loss which are not connected with bodily injury or physical damage to property) shall be limited to the proportionate extent of CONSULTANT's negligence or other breach of duty.

12. Intellectual Property Indemnity.

12.1 To the fullest extent permitted by law, CONSULTANT shall defend, protect, hold harmless, and indemnify CITY and the CITY related parties from and against any and all liability, loss, claims, demands, suits, costs, fees and expenses (including actual fees and expenses of attorneys, expert witnesses, and other consultants), by whomsoever brought or alleged, for infringement of patent rights, copyrights, or other intellectual property rights, except with respect to designs, processes or products of a particular manufacturer expressly required by CITY in writing. If CONSULTANT has reason to believe the use of a required design, process or product is an infringement of a patent, CONSULTANT shall be responsible for such loss unless the CITY is promptly notified in writing. This Indemnity Covenant shall survive the termination of this Agreement.

13. Taxes.

13.1 CONSULTANT shall pay any and all Federal, State and local taxes, charges, fees, or contributions required by law to be paid with respect to CONSULTANT's performance of this Agreement (including, without limitation, unemployment insurance, social security, and income taxes).

14. Independent Contractor.

14.1 The parties agree that CONSULTANT is an independent contractor, and this Agreement is entered into in conformance with the provisions of NRS 333.700. The parties agree that CONSULTANT is not a CITY employee and there shall be no:

- (a) Withholding of income taxes by the CITY;
- (b) Industrial insurance provided by the CITY;
- (c) Participation in group insurance plans which may be available to employees of the CITY;
- (d) Participation or contributions by either the independent contractor or CITY to any public employees' retirement system;
- (e) Accumulation of vacation leave or sick leave;
- (f) Unemployment compensation coverage provided by CITY if the requirements of NRS 612.085 for independent contractors are met.

15. Business License.

15.1 CONSULTANT shall maintain in full force and effect throughout the term of this Agreement a current business license from the City of Reno.

16. Compliance with Legal Obligations.

16.1 CONSULTANT is subject to NRS 338.010 – 338.090 (prevailing wage) for all covered work. CONSULTANT shall procure and maintain for the duration of this Agreement any state, county, city or federal license, authorization, waiver, permit, qualification or certification required by statute, ordinance law, or regulation to be held by CONSULTANT to provide the services required by this Agreement. CONSULTANT is solely responsible to pay assessments, premiums, permits and licenses required by law. Further, CONSULTANT agrees to comply with all applicable federal and state laws including, but not limited to, the Americans with Disabilities Act of 1990 and related standards, guidelines, and regulations (collectively “ADA”) in providing the services identified in this Agreement. It is the responsibility of CONSULTANT to address in the performance of the services any and all access or other issues to assure compliance with the ADA.

17. Employment Opportunity.

17.1 CONSULTANT shall not discriminate against any employee or applicant for employment because of race, creed, color, national origin, religion, sex, gender identity, gender expression, veteran status, sexual orientation or age, or any other protected class status applicable under federal, state or local law, rule, or regulation. Sexual orientation means having or being perceived as having an orientation for heterosexuality, homosexuality or bi-sexuality. Any violation of this provision by consultant shall constitute a material breach of contract. Race includes traits associated with race, including, without limitation, hair texture and protective

hairstyles. Any violation of these provisions by CONSULTANT shall constitute a material breach of contract.

18. Notices.

Any notices provided for herein shall be given in writing by certified mail, return receipt requested, or by personal service to:

CITY: City of Reno
Kerrie Koski, P.E.
Public Works Director/City Engineer
1 East First Street
Reno, NV 89501
P.O. Box 1900
Reno, NV 89505

CONSULTANT: Brent Farr, PE
Area Lead Water & Wastewater Services
Dowl LLC
5510 Longley Lane
Reno, NV 89511

19. Assignment.

19.1 This Agreement is binding on the heirs, successors, and assigns of the parties hereto. This Agreement is not to be assigned by CONSULTANT.

20. Integration.

20.1 This agreement represents the entire understanding of CITY and CONSULTANT as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered hereunder. This Agreement may not be modified or altered except by written amendment thereto signed by both parties.

21. Governing Law and Jurisdiction.

21.1 This Agreement shall be administered and interpreted under the laws of the State of Nevada. If any part of this Agreement is found to be in conflict with applicable laws, such part shall be inoperative, null and void insofar as it is in conflict with said laws, but the remainder of this Agreement shall be in full force and effect. Any action at law, suit in equity or judicial proceeding for the enforcement of this Agreement or any provision thereof shall be instituted only in the district courts of the State of Nevada, County of Washoe.

22. Suspension of Work.

22.1 Either party may suspend, by written notice, all or a portion of the work under this Agreement, in the event unforeseeable circumstances, beyond the control of either party, make normal progress in the performance of the work impossible. The party desiring to suspend the work must request that the work be suspended by notifying the other party, in writing, of the circumstances which are interfering with normal progress of the work. The time for completion of the work shall be extended by the number of days the work is suspended. In the event that the period of suspension exceeds ninety (90) working days, the terms of this Agreement are subject to renegotiation and both parties are granted the option to terminate work on the suspended portion of the project in accordance with Article 23 of this Agreement.

23. Termination of Work.

23.1 The CITY may terminate, by written notice, the work under this Agreement. The CONSULTANT may terminate work in the event the CITY fails to perform in accordance with the provisions of this Agreement. Termination of this Agreement is accomplished by fifteen (15) working days prior written notice from the party initiating termination to the other. Notice of the termination shall be delivered by certified mail with receipt of delivery returned to the Sender. In the event of termination, the CONSULTANT shall perform such additional work, as is necessary for the ordinary filing of documents, and closing shall not exceed ten percent (10%) of the total time expended on the termination portion of the project prior to the effective date of termination. The CONSULTANT shall be compensated for the terminated portion of the work on the basis of work actually performed prior to the effective date of termination, plus the work required for filing and closing. Charges for the latter work are subject to the ten percent (10%) limitation described in this Article.

23.2 CONSULTANT expressly agrees that this Agreement shall be terminated immediately if for any reason local, federal and/or State Legislature funding ability to satisfy this Agreement is withdrawn, limited, or impaired.

24. Dispute Resolution.

24.1. All claims, counterclaims, disputes and other matters in question between the CITY and the CONSULTANT arising out of, or relating to, this contract or breach of it, unless otherwise settled, may be mediated before initiation of a judicial action.

24.2 Unless the parties mutually agree otherwise, mediation will be in accordance with the Commercial Mediation Procedures of the American Arbitration Association currently in effect. The American Arbitration Association will not be used to administer or facilitate the process or the selection of the mediators. Instead, the parties will attempt to mutually agree to the appointment of one mediator. If the parties cannot agree to one mediator, each party shall select one mediator, and the two mediators will appoint a third mediator. The parties agree to split the mediator(s) fees and expenses. Each party shall bear their own attorney's fees and other costs incurred for the mediation.

25. Attorneys' fees.

25.1 Unless otherwise provided herein, each party shall bear its own attorney's fees and court costs.

26. Severability.

26.1 If any provision contained in this Agreement is held to be unenforceable by a court of law or equity, this Agreement shall be construed as if such provision did not exist and the nonenforceability of such provision shall not be held to render any other provision or provisions of this Agreement unenforceable.

27. Due Authorization.

27.1 Each party represents that all required authorizations have been obtained to execute this Agreement and for the compliance with each and every term hereof. Each person signing this Agreement warrants and represents to the other party that he or she has actual authority to execute this Agreement on behalf of the party for whom he or she is signing. An electronic or facsimile signature on this Agreement shall be treated for all purposes as an original signature. This Agreement is executed in one duplicate original for each party hereto and is binding on a party only when all parties have signed and received a duplicate original.

IN WITNESS WHEREOF, the parties to these presents have hereunto set their hands and seals the year and date first above written.

CONSULTANT

Brent Farr

Digitally signed by Brent
Farr
Date: 2025.02.19 11:46:45
-08'00'

Brent Farr, PE
Area Lead Water & Wastewater Services

CITY OF RENO

ATTEST:

Hillary L. Schieve, Mayor

Mikki Huntsman, City Clerk

APPROVED AS TO FORM:

Susan Ball Rothe
Deputy City Attorney

Dowl LLC Thomas Jefferson
Sewer and Street Rehabilitation



EXHIBIT A

SCOPE OF WORK

City of Reno

Thomas Jefferson Sewer and Street Rehabilitation – Phase 1

INTRODUCTION

The City of Reno (City) has identified streets in need of rehabilitation. The design and construction of these streets will be completed in two phases. Phase 1 of the Rehabilitation Unit will include the following streets: Carter Drive, Frandsen Circle, and Suda Way. Phase 2 of the Rehabilitation Unit will be completed under a separate contract and will include the following streets: Alexander Hamilton Drive, Benjamin Franklin Drive, Daniel Webster Drive, Clifton Drive, James Madison Drive and Thomas Jefferson Drive. New sewer mains will also be installed along these roadways to allow for future septic conversion of homes and will follow the same phasing as the street rehabilitations.

DOWL has completed preliminary planning and engineering as part of a separate contract. Through this planning and engineering effort, DOWL completed the following:

- Facilitated design meetings and provided exhibits to assist in decision making
- 10% Opinion of Probable Costs with exhibits and alternatives
- Sidepath Runoff Analysis Technical Memorandum
- Final Deliverable with a Scoping Summary and Roadway Design Report, Opinion of Probable Costs, and 10% Design Exhibits

This scope of work is for professional engineering services to take the project to a 100% Design. Elements of the Work will include project management, surveying, geotechnical investigation, preliminary design, design reports, construction documents, and bidding services.

The work is defined by the following:

- Task 1 – Project Management
- Task 2 – Survey & Mapping
- Task 3 – Geotechnical Investigation
- Task 4 – Preliminary Design
- Task 5 – Design Reports
- Task 6 – Construction Documents
- Task 7 – Bidding Services
- Task 8 – Project Design Contingency

PART 1 – DESIGN SERVICES

Task 1 – Project Management

Objective

To plan, organize, direct, control, review and communicate all relevant activities within the approved budget and schedule.

Approach

DOWL will routinely review project progress and communicate project status on a regular basis. Communication will be through email, telephone, and monthly project coordination meetings with the City and DOWL staff. This task will include the following activities:

- Project administration includes scheduling maintenance, cost control, filing, resource allocation, and routine communications.
- Monitor and maintain the project schedule.
- Team coordination, including conference calls and internal meetings. City of Reno staff will participate, as needed, in design decisions.
- Monitoring changes to the scope, budget, or schedule and developing change management strategies with the City.
- Design and bid document review by DOWL senior engineers.
- Prepare a Project Management Plan (PMP) and a Project Quality Plan (PQP).

Deliverables

The following will be delivered under this task:

- Project meeting agendas and meeting notes.
- Monthly project schedule updates.
- Monthly invoices and status reports.

Assumptions

The following assumptions apply:

- Project design duration will be 15 months from March 2025 to August 2026.
- Monthly reports will be provided with timely invoices.
- Kick-off and status review meetings will be scheduled at the City's office.
- Project-related issues will be identified, communicated, and resolved.

Task 2 – Survey & Mapping

Objective

To provide a topographic, boundary and utility basemap for the roadways included in the Rehabilitation Unit. This includes Carter Drive, Frandsen Circle, and Suda Way.

Approach

Control

A full control network will be set intervisible within 500' of each other for use by robotic total stations for both topographic survey, and future construction. Control will be set in such a way as to not be destroyed during construction. Control will consist of Rebar and Cap or MAG nails. Control will be located horizontally utilizing 1 hour or longer static GPS occupations, with baselines processed holding county CORS stations. Vertical will be established via closed level loop using a digital DINI, holding city benchmarks. GPS vectors will be post processed using least squares adjustments. Control expected to be sub 0.01' at 95% confidence horizontally and vertically. Network adjustment report with 95% confidence accuracies associated will be produced and provided. Control horizontal coordinates to be NAD83(HARN), Nevada West Zone, US Survey Feet. Control elevation to be NAVD88 (no Geoid will be applied as control will be leveled between held published city benchmarks).

Topographic Survey

A full topographic survey will be conducted with 1 second total stations within the Right of Ways listed above, plus 10' into adjoining properties as possible. Said survey to include all improvements, grade brakes, 50' grid on flat surfaces, utilities, USA markings found, trees over 6" in diameter, etc. All utilities will be dipped for invert elevations, depth of flow, flow direction and size of internal pipes. Valve lids will be shot and nut invert measured. Surveyed areas will be flown by survey grade drone for background ortho imagery.

The following work will be performed on 41 private properties adjoining the above Right of Ways: Backyard septic tank lids will be located and shot with either survey grade GPS or total station. The finished floor of the lowest level of each primary dwelling unit will be surveyed. Inverts of the sewer pipe exiting the dwelling will be surveyed when possible. Publicly available LiDAR data may be used to supplement surface data in backyards. Said LiDAR data will be ground truthed prior to use per ASPRS requirements, with associated ASPRS accuracy statements and Certified Photogrammetrist's stamp.

Boundary Survey

Right of Way will be established within the areas listed above. Record research will be conducted, record Right of Way will be drafted, and 41 residential lots adjoining said Right of Way will also be drafted from record. Field searches will be conducted to locate property monuments. DOWL intends to use the topo time in the backyards of said 41 residences to search for rear property corners as DOWL's experience in the area indicates a lack of monumentation from record maps. Right of Way boundary will be established using best practices and in accordance with NRS and NAC by a DOWL PLS licensed in the State of Nevada. A surveyor's narrative will be produced describing how the boundary was established. Due to the lack of recorded surveys in the area, DOWL will record a Record of Survey to make public record our efforts, for future use by others.

Centerline Monuments

DOWL will work with the contractor to replace centerline monuments destroyed during construction. This will include setting straddlers, punching the monuments, and recording corner records.

Deliverables

- Topographic survey including surface as a Civil 3D DWG.
- Boundary survey as a Civil 3D DWG

- Recorded Record of Survey depicting the resolved Right of Way boundaries and found evidence supporting said Right of Way location.
- Control network as a CSV with associated basis of bearings, elevations coordinates and network adjustment report indicating accuracies of said control.

Assumptions

The following assumptions apply:

- Imagery dependent on airspace classification and weather.
- The City shall be responsible for preparing and providing any documents that permit the right of entry onto private and/or public property.
- This fee does not include the cost for any current, hyperlinked Preliminary Title Reports of the subject properties.
- The City shall help facilitate any USA requests for underground utility locating.
- The City shall coordinate with the owners of the 41 properties to allow our surveyors access to their backyards to locate the septic tank and associated features as described above.
- All backyard surveys will require a two-person survey crew for safety and accountability.
- DOWL assumes that out of the 41 properties in which backyards must be accessed, 31 will be done consecutively without interruption. DOWL assumes 10 properties will be problematic, requiring one off mobilization due to owner's lack of cooperation.
- Weather such as snow will adversely affect schedule. DOWL will not mobilize survey crews if significant snow covers the ground.
- Basemap development in backyards will be done in a manner that will provide a 2-foot contour interval map using publicly available LIDAR.
- No additional property corners/monuments will be set as a part of said Record of Survey.
- DOWL expects a total of three centerline monuments will be removed and replaced during construction, any additional centerline monument replacements are not included in this scope.
- DOWL expects a total of 25 mobilizations to site.
- No easements will be prepared as part of this scope of work.

Task 3 – Geotechnical Investigation

Objective

Provide information on existing site soil conditions to support DOWL in the design of the roadway and sewer. DOWL will manage the services of Construction Materials Engineering (CME).

Approach

DOWL will coordinate and manage the services for CME to complete a Geotechnical Investigation. The Geotechnical Investigation will include subsurface exploration, laboratory testing, and engineering analysis with the following approach:

- Log subsurface soil conditions within up to 6 test pits at approximate frequency of one exploratory hole every 500 feet.
- Perform up to two (2), 8-inch diameter pavement cores to assess the thickness of the existing structural section (asphalt/aggregate base); quality and thickness of existing base, and laboratory testing and evaluation of samples of sub grade soils providing support for the structural section.
- Lab analysis on materials samples will be conducted and a geotechnical report will be prepared including exploration location map, boring log number, depth, soil classifications (full description), in-situ moisture, sieve analysis (percent passing), Atterberg limits, expansive index, proctor, R-Values and corrosivity.
- A summary report will be prepared and submitted with the laboratory test results performed as part of the exploration. DOWL will also provide information obtained from coring to determine asphalt thickness if the existing test pits indicate that that asphalt thickness is not uniform across the roadway. If the soil and pavement conditions indicate that roadbed modification is a beneficial option for reconstruction of the project, CME will complete a roadbed modification mix design using 3 different cement and/or lime percentages.

Deliverables

The following will be delivered under this task:

- Geotechnical Report detailing site conditions and recommendations for construction (1 electronic copy as PDF, hard copies upon request)
- Information for the samples of subgrade soils providing support for the structural section for each test pit. This includes test pit number, depth, soil classification (full description), and associated lab results (1 electronic copy as Excel Spreadsheet, hard copies upon request)
- Core information including core number, location of core, thickness of the core. (1 electronic copy as Excel Spreadsheet, hard copies upon request)

Assumptions

The following assumptions apply:

- The geotechnical investigation will include six (6) test pits and two (2) asphalt cores. Vertical test borings are not included in the CME proposal.
- A 10% markup has been applied to all subconsultant fee estimates.
- The City will provide contract labor, equipment, and traffic control, and materials for the test pits and temporary asphalt patching. CME will provide contract labor, traffic control and materials for the cores. Cores will be patched with rapid set cement.
- Prior to the completion of the summary report, DOWL will meet with the City's Project Manager to present feasible reconstruction/rehabilitation alternatives.

Task 4 – Preliminary Design

Objective

Prepare 30% Submittal for the Thomas Jefferson Sewer and Street Rehabilitation Project. Project improvements consist of the following:

- Rehabilitation of streets and installation of new sewer mains for Carter Drive, Frandsen Circle, and Suda Way.

Approach

- 30% Design: Advance the preliminary concepts that were provided in the 10% plan set. Key elements involve the following:
 - Complete a topographic survey and verify the utility basemap (see Task 2).
 - Progress the 10% design drawings, which includes the following:
 - Grading sheets at 1"=20' horizontal scale. Preliminary grading design to identify areas where conflicts exist. These sheets will not include profiles of the roadway.
 - Restoration sheets at 1"=20' horizontal scale. Sheets to outline the proposed roadway limits, sidepath improvements, and conflicts with proposed design.
 - Sewer gravity plan and profile sheets at 1"=20' horizontal scale and 1"=4" vertical scale with updated alignments to avoid conflicting utilities.
 - City of Reno standard details.
 - Quality assurance and quality control of deliverables prior to submission to the City.
 - Opinion of Probable Cost and quantity take-off.
 - Outline of Bid Items using the City standard format.
 - Participate in a 30% Submittal Review Meeting with the City. The review meeting will be scheduled at the City's office.
 - Plans will be sent to the City of Reno, Washoe County and utility companies in the area including but not limited to TMWA, NV Energy Electric, NV Energy Gas, and Charter. Responses from these stakeholders will be reviewed, incorporated into the plans, and responses sent.

Assumptions

Refer to the assumptions listed in Task 6 Construction Documents.

Task 5 – Design Reports

Objective

Compile a report detailing an analysis of the existing stormwater system and the effects of proposed improvements on the stormwater system and compile a report summarizing the roadway and sewer design decisions in the project.

Approach

DOWL will perform a stormwater drainage study for the neighborhood. The analysis will include:

- Existing Condition Modeling
 - Interview City of Reno maintenance personnel to understand existing drainage patterns and known problems. Consult with City of Reno arborist regarding existing trees.
 - Compile and review As-Built drawings and storm drainage reports, including the Stormwater Master Plan Study, for this study area.

- Perform a site visit to inventory the existing storm drain facilities and verify the facilities depicted on the GIS maps. Include photos and key survey, including inlet and manhole rims, invert elevations, and ditch cross sections.
- Identify and evaluate drainage basins, drainage patterns, and basin characteristics within the study area.
- Develop an Autodesk Storm & Sanitary Analysis (SSA) stormwater model reflecting existing conditions within the study area. The model will include surface conveyance along the edge of the roadway, stormwater facilities like inlets, trunklines, and a portion of the Last Chance Ditch. It is proposed the model will utilize the SCS method and NOAA Atlas 14 rainfall for the City of Reno as recommended by the City of Reno's Public Works Design Manual.
- Calibrate the model if there is known information to calibrate against with a representative storm.
- Develop two (2) exhibits illustrating the drainage patterns and stormwater facilities, highlighting any existing flooding or ponding locations within the study area.
- Proposed Condition Modeling
 - Coordination with the design team to discuss potential proposed improvements and impacts on the storm drainage design.
 - Modify drainage basins and basin parameters to reflect the various proposed improvements.
 - Develop a stormwater model to reflect the proposed roadway improvements. DOWL has assumed that two to three alternatives roadway improvements will be evaluated.
 - Review model results and identify potential impacts to properties and downstream facilities.
 - Evaluate stormwater solutions to reduce impacts to properties and downstream facilities.
 - Highlight risks to the City if these solutions are not implemented with this project.
 - Develop exhibits highlighting the three alternatives, drainage patterns, stormwater facilities, impact locations, and flooding and ponding locations.
- Stormwater Drainage Report
 - Develop a report that discusses the findings of the existing and proposed hydraulics models and how they compare. Provide a recommendation of which proposed alternative is preferred based on a combination of flooding mitigation and estimated cost. All model results will be included in the appendix material.

DOWL will summarize the sewer and roadway design decisions made during the project. The report will include:

- Summary of the options that were analyzed at each stage of design.
- Summary of decisions made during the project.
- Summary of final design and potential challenges during construction.

Deliverables

The following will be delivered under this task:

- Preliminary Draft of Stormwater Drainage Report (1 electronic copy as PDF, hard copies upon request)

- One review meeting with the City at their office for each report.
- Final Stormwater Drainage Report (1 electronic copy as PDF, hard copies upon request)
- Final Sewer and Roadway Design Decisions Report (1 electronic copy as PDF, hard copies upon request)

Assumptions

The following assumptions apply:

- The Stormwater Drainage Report will follow the standards set forth in the Truckee Meadows Regional Drainage Manual (TMRDM), unless otherwise specified by the City. The City will provide review comments for the Stormwater Drainage Report to DOWL within 2 weeks of our submission of these documents.

Task 6 – Construction Documents

Objective

Prepare 60% Submittal, 90% Submittal, and Final Plans and Specifications for the Thomas Jefferson Sewer and Street Rehabilitation Project. Project improvements consist of the following:

- Rehabilitation of streets and installation of new sewer mains for Carter Drive, Frandsen Circle, and Suda Way.

Approach

The following will be delivered under this task:

- 60% Design: Further development of the preliminary design based on the decisions made during the 30% submittal. Sheets will be developed during this phase to allow final detailing during the subsequent phase of design. Key elements shall include:
 - Coordination with City for potholing potential utility conflicts and points of connection to existing utilities. DOWL will take the field measurements and update the project basemap.
 - Design drawings are listed in Table 1 for the 60% Submittal (43 Sheets). This includes the drawings described below:
 - 2 general sheets, which include the cover; legend, abbreviations, and notes.
 - 11 grading sheets, which include the proposed grading for the roadways. This includes an overview sheet, grading plan and profiles, and intersection grading sheets. Grading profiles will show design grades at the centerline and both edges of pavement, or other features as determined during design. Intersection grading sheets will include the design of returns, and crowns when roadways intersect.
 - 9 restoration sheets for sidewalk, curb and gutter, drainage improvements, landscape restoration or removal and striping and signage.
 - 9 gravity sewer plan and profile sheets at 1"=20' horizontal scale and 1"=4' vertical scale. Gravity sewer main depths to be updated based on the requirements for individual home laterals.
 - 12 general detail sheets that includes standard City details and custom details specific to project requirements.
 - Submission of 60% specifications for review.

- Opinion of Probable Cost and quantity take-off.
 - Quality assurance and quality control of deliverables prior to submission to the City.
 - Participate in the 60% Submittal Review Meeting with the City. The review meeting will be scheduled at the City's office.
 - Plans will be sent to the City of Reno, Washoe County, and utility companies in the area including but not limited to TMWA, NV Energy Electric, NV Energy Gas, and Charter. Responses from these stakeholders will be reviewed, incorporated into the plans, and responses sent.
- 90% Design: Preparation of draft Construction Documents, which will be the basis for the final review submittal. Key elements shall include:
 - Incorporation of 60% review comments from the City.
 - Development of the design elements, including general notes, roadway grading, limits of roadway, roadway paths and drainages, striping and signage, and gravity sewer plan and profile drawings and technical specifications necessary for permitting, bidding, and construction.
 - Opinion of Probable Cost and quantity take-off.
 - Quality assurance and quality control of deliverables to the City.
 - Submission of 90% plans and specifications to the City for final review and comment. See Table 1 for a listing of the plans to be included in this submittal. Participate in a 90% Submittal review meeting with the City. The review meeting will be scheduled at the City's office.
 - Plans will be sent to the City of Reno, Washoe County and utility companies in the area including but not limited to TMWA, NV Energy Electric, NV Energy Gas, and Charter. Responses from these stakeholders will be reviewed, incorporated into the plans, and responses sent.
 - Construction Documents (100%): Following receipt of the City's review comments on the 90% Submittal, DOWL will address and incorporate changes, and prepare the 100% Submittal. DOWL will incorporate any required changes from the NDEP BWPC Review and prepare the 100% Submittal. Documents that were revised because of the permitting review will be provided for submittal to the agencies and will be wet signed.

Table 1: Estimated Sheet List

SHEET #	DESCRIPTION	SHEET #	DESCRIPTION
G-1	COVER	SS-1	OVERVIEW MAP
G-2	ABBREVIATIONS, GENERAL NOTES AND LEGEND	SS-2	CARTER STA 10+00 TO STA 13+50
C-1	OVERVIEW MAP	SS-3	CARTER STA 13+50 TO STA 18+00
C-2	CARTER STA 10+00 TO STA 13+50	SS-4	CARTER STA 18+00 TO STA 22+00
C-3	CARTER STA 13+50 TO STA 18+00	SS-5	CARTER STA 22+00 TO STA 26+50
C-4	CARTER STA 18+00 TO STA 22+00	SS-6	CARTER STA 26+50 TO END
C-5	CARTER STA 22+00 TO STA 26+50	SS-7	FRANDSEN STA 10+00 TO END
C-6	CARTER STA 26+50 TO END	SS-8	SUDA STA 10+00 TO STA 14+25
C-7	FRANDSEN STA 10+00 TO END	SS-9	SUDA STA 14+25 TO END
C-8	SUDA STA 10+00 TO STA 14+25	D-1	ROADWAY DETAILS
C-9	SUDA STA 14+25 TO END	D-2	CONCRETE DETAILS

C-10	PLUMB INTERSECTIONS	D-3	CONCRETE DETAILS
C-11	PLUMB INTERSECTIONS	D-4	CONCRETE DETAILS
R-1	OVERVIEW MAP	D-5	SEWER AND STORM DETAILS
R-2	CARTER STA 10+00 TO STA 13+50	D-6	SEWER AND STORM DETAILS
R-3	CARTER STA 13+50 TO STA 18+00	D-7	SEWER AND STORM DETAILS
R-4	CARTER STA 18+00 TO STA 22+00	D-8	WATER DETAILS
R-5	CARTER STA 22+00 TO STA 26+50	D-9	WATER DETAILS
R-6	CARTER STA 26+50 TO END	D-10	MISCELLANEOUS DETAILS
R-7	FRANDSEN STA 10+00 TO END	D-11	MISCELLANEOUS DETAILS
R-8	SUDA STA 10+00 TO STA 14+25	D-12	MISCELLANEOUS DETAILS
R-9	SUDA STA 14+25 TO END		

Deliverables

The following will be delivered under this task:

- Design Development Submittal (60% Submittal):
 - Half-size (11"x17") set of 60% Plans and technical specifications (8-1/2"x11").
 - Class III Opinion of Probable Construction Costs.
 - One set of the above documents in Adobe pdf format.
 - Review meeting notes and comment tracking spreadsheet.
- Draft Construction Documents (90% Submittal):
 - Half-size (11"x17") set of 90% Plans and technical specifications (8-1/2"x11").
 - Class II Opinion of Probable Construction Costs.
 - One set of the above documents in Adobe pdf format.
 - Review meeting notes and comment tracking spreadsheet.
- Final Construction Documents (100% Submittal):
 - One electronic set and half-size (11"x17") set of Construction Documents, including Plans, Specifications, and Class I Opinion of Probable Construction Costs. The Final Construction Documents will also include the following:
 - An AutoCAD 2018 format deliverable that contains plan set drawings along with plot, shape, and reference files.
 - MS Word files of Specifications.
 - Full-size (22"x34") stamped Plans in pdf format.

Assumptions

The following assumptions apply:

- The City will provide review comments for the 30%, 60%, and 90% submittals to DOWL within 2 weeks of our submission of these documents.
- Fees associated with permitting are not included in this contract.

- The City will complete the permit application and submit to the NDEP BWPC. NDEP BWPC will provide permit review comments for the 90% submittal to the City within 30 days of the submission of permit application.
- The existing utility companies in the project area (NV Energy, TMWA and Charter) will provide comments for the 30%, 60% and 90% submittal to DOWL within 30 days of our submission of plans. If TMWA replaces mains within the project area, DOWL will ensure that designs are coordinated between the projects.
- Specifications will be based on the City's standard specifications. The City will provide its latest version of specifications.
- Sewer main drawings will be plan/profile scaled at 1"=20' horizontal and 1"=5' vertical.
- Refer to the schedule for the preliminary and final document submittal dates.
- DOWL will provide opinions of probable construction costs within the ranges of the AACE International Cost Estimate Classification System. The expected accuracy ranges of these estimates are -20% to +30% for Class III, -15% to +20% for Class II and -10% to +15% for Class I.
- DOWL will assist the City in identifying conflicts to be potholed. The City will hire a contractor to excavate the potholes independent of this contract. A DOWL engineer will be available for two (2) days of field support during the pothole investigation. The cost for a contractor to complete the potholing in the field is not included in this scope of work.
- Storm drain mains will not be designed as part of this project. The City will work to provide DOWL videos of the existing storm drain mains in the area to assist in design. The condition assessment of these mains will not be included as a part of this project.
- A Special Assessment District (SAD) will not be a part of this project. DOWL will not be required to complete any work related to SAD's.
- DOWL will present options available for pedestrian pathways within the project area. However, due to costs, constructability concerns, or homeowner feedback it may not be feasible to fit a pedestrian pathway in all areas of the project.
- The design and/or production of sheets for a retaining walls, landscaping, private property restoration, decorative walls or wall relocations, private electrical or lighting, street lighting, traffic control or erosion control will not be a part of this project.
- The design, coordination with utility companies, and permitting for utility relocates are not included as part of this project and will require a separate amendment if needed.
- A traffic study or traffic analysis will not be performed as part of this project.
- An 8" sewer main will be installed throughout the project area. City to provide confirmation and sewer modeling to confirm that the buildout flows can be met with this pipe size. The City will also perform hydraulic modeling and condition assessment of existing downstream sewer infrastructure to ensure that it can convey the sewer flows from the neighborhood.
- The City will provide all coordination with property owners regarding the location of proposed sewer laterals and cleanouts.

Task 7 – Bid Support

Objective

Assist the City in the bid selection process and award of the construction contract.

Approach

Activities under this task will include the following elements:

- Attend pre-bid meeting at the City. This will include preparation of an agenda and meeting minutes.
- Answer questions from bidders and prepare addenda, as required.
- Attend bid opening and compile a bid tab to assist in evaluating the bids, if required.

Deliverables

The following will be delivered under this task:

- Addenda, as required.
- Bid tab, if required.

Assumptions

The following assumptions apply:

- The City will conduct the pre-bid at their office.
- Preparation of one (1) addenda is assumed.

Task 8 – Contingency

Objective

To provide the capability for City staff to request additional services from DOWL which were unknown or outside of this scope of work.

Approach

The following approach applies:

- At the time of request, DOWL will provide a budget and schedule for any work associated with this task.

Deliverables

There are no formal deliverables associated with this task.

Assumptions

The following assumptions apply:

- Any request for services under this task must be provided in writing by the City.

FEES:

DOWL Engineering proposes to furnish professional engineering services for the scope of work described in here in on a time and material basis using our standard engineering fees as listed in "Exhibit B".

The time and material fees will not exceed the following amounts for each of the Tasks outlined:

Task 1 – Project Management	\$ 26,105
Task 2 – Topographic Survey and Mapping	\$ 110,915
Task 3 – Geotechnical Investigation	\$ 24,288
Task 4 – Preliminary Design	\$ 37,590
Task 5 – Design Reports	\$ 46,720
Task 6 – Construction Documents	\$ 97,930
Task 7 – Bidding Services	\$ 1,800
Task 8 – Project Design Contingency	\$ 32,106
Subtotal	\$ 377,454

PROJECT SCHEDULE

Consultant Agreement to Council:	March 12, 2025
Start Design:	March 2025
Preliminary Plans and Reports:	December 2025
Final Construction Documents:	June 2026
Construction Award:	July 2026
Start of Construction:	August 2026

KEY PERSONNEL

The key personnel assigned to this project include the following:

- Project Manager – Jared Trowbridge, P.E.
- Project Engineer – Quinn Lovelady, P.E.
- Quality Control and Assurance – Greg Lyman P.E.
- Geotechnical Engineer – Jon Del Santo, P.E.
- Survey Project Manager – George Nicholas, PLS

Encl: Exhibit B – Fee Schedule



Exhibit B

NEVADA FEE SCHEDULE

Personnel Billing Rates

Personnel are identified on our invoices by name and/or labor category.

Description	Rate	Description	Rate
Accounting Manager	\$185	Engineer IX	\$250
Accounting Technician	\$120	Engineer X	\$265
Administrative Assistant	\$95	Engineering Technician I	\$100
Administrative Manager	\$125	Engineering Technician II	\$115
Biologist I	\$130	Engineering Technician III	\$125
Biologist II	\$140	Engineering Technician IV	\$140
Biologist III	\$150	Engineering Technician V	\$155
Biologist IV	\$160	Engineering Technician VI	\$175
Biologist V	\$205	Environmental Specialist I	\$120
CAD Drafter I	\$105	Environmental Specialist II	\$135
CAD Drafter II	\$120	Environmental Specialist III	\$140
CAD Drafter III	\$130	Environmental Specialist IV	\$150
CAD Drafter IV	\$140	Environmental Specialist V	\$155
CAD Drafter V	\$150	Environmental Specialist VI	\$190
Senior CAD Drafter	\$170	Environmental Specialist VII	\$210
Civil and Transportation Designer	\$135	Environmental Specialist VIII	\$225
Senior Civil and Transportation Designer	\$170	Environmental Specialist IX	\$245
Contract Administrator I	\$160	Environmental Specialist X	\$265
Contract Administrator II	\$185	Field Project Representative I	\$130
Corporate Development Manager	\$230	Field Project Representative II	\$145
Cultural Resources Specialist I	\$120	Field Project Representative III	\$155
Cultural Resources Specialist II	\$140	Field Project Representative IV	\$170
Cultural Resources Specialist III	\$145	Field Project Representative V	\$210
Cultural Resources Specialist IV	\$180	Geologist I	\$135
Cultural Resources Specialist V	\$195	Geologist II	\$145
Document Production Supervisor	\$150	Geologist III	\$155
Engineer I	\$130	Geologist IV	\$175
Engineer II	\$140	Geologist V	\$205
Engineer III	\$155	GIS Coordinator	\$175
Engineer IV	\$175	GIS Manager	\$185
Engineer V	\$195	GIS Specialist	\$145
Engineer VI	\$205	GIS Technician	\$110
Engineer VII	\$215	Graphics Designer	\$130
Engineer VIII	\$225	Senior Graphics Designer	\$165



Description	Rate	Description	Rate
Hydrogeologist I	\$140	Professional Land Surveyor IV	\$150
Hydrogeologist II	\$165	Professional Land Surveyor V	\$160
Hydrogeologist III	\$195	Professional Land Surveyor VI	\$165
Sr. Hydrogeologist	\$225	Professional Land Surveyor VII	\$175
Intern I	\$85	Professional Land Surveyor VIII	\$185
Intern II	\$105	Professional Land Surveyor IX	\$210
Laboratory Manager	\$125	Professional Land Surveyor X	\$220
Laboratory Supervisor	\$105	Professional Land Surveyor XI	\$255
Landscape Architect I	\$130	Project Administrator	\$135
Landscape Architect II	\$145	Project Assistant I	\$115
Landscape Architect III	\$160	Project Assistant II	\$130
Landscape Architect IV	\$175	Project Controller	\$165
Landscape Architect V	\$190	Senior Project Controller	\$185
Landscape Architect VI	\$200	Project Manager I	\$160
Landscape Architect VII	\$210	Project Manager II	\$175
Landscape Designer I	\$95	Project Manager III	\$190
Landscape Designer II	\$115	Project Manager IV	\$205
Marketing Assistant	\$105	Project Manager V	\$220
Marketing Coordinator	\$135	Project Manager VI	\$235
Marketing & Administrative Manager	\$225	Project Manager VII	\$250
Materials Technician I	\$95	Proposal Manager	\$140
Materials Technician II	\$105	Senior Proposal Manager	\$210
Lead Materials Technician	\$115	Public Involvement Assistant	\$115
Senior Materials Technician	\$125	Public Involvement Coordinator	\$155
Materials Manager	\$130	Public Involvement Planner	\$135
Planner I	\$120	Public Involvement Program Manager	\$200
Planner II	\$145	Real Estate Services Manager	\$180
Planner III	\$160	Right of Way Agent I	\$125
Planner IV	\$175	Right of Way Agent II	\$140
Planner V	\$190	Right of Way Agent III	\$155
Planner VI	\$200	Right of Way Agent IV	\$170
Planner VII	\$210	Right of Way Agent V	\$185
Planner VIII	\$225	Right of Way Agent VI	\$215
Planner IX	\$240	Right of Way Assistant	\$115
Planner X	\$280	Risk Manager	\$200
Planning Technician	\$110	Senior Manager I	\$240
Professional Land Surveyor I	\$120	Senior Manager II	\$260
Professional Land Surveyor II	\$130	Senior Manager III	\$270
Professional Land Surveyor III	\$140	Senior Manager IV	\$295



Description	Rate	Description	Rate
Senior Manager V	\$315	Survey Technician -- Supervisor	\$155
Senior Manager VI	\$335	Systems Administrator	\$155
Survey Technician I	\$90	Technical Coordinator	\$180
Survey Technician II	\$95	Utility Operator	\$145
Survey Technician III	\$100	Water Resource Specialist	\$195
Survey Technician IV	\$115	Water Rights Specialist I	\$160
Survey Technician IX	\$170	Water Rights Specialist II	\$190
Survey Technician V	\$120	Water Rights Specialist III	\$220
Survey Technician VI	\$130	Water Rights Technician I	\$105
Survey Technician VII	\$145	Water Rights Technician II	\$115
Survey Technician VIII	\$160	Water Rights Technician III	\$125

Survey Crews

One-Person Survey Crew	=	\$160 / hour
One-Person Survey Crew GPS/Robotics	=	\$180 / hour
Two-Person Survey Crew	=	\$240 / hour
Two-Person Survey Crew (PLS + LSIT)	=	\$280 / hour
Two-Person Survey Crew GPS/Robotics	=	\$255 / hour
Three-Person Survey Crew	=	\$350 / hour

Travel, Mileage, and Miscellaneous

Lodging	=	Cost per night
Airfare	=	Cost
Vehicle Usage – Passenger Cars	=	\$1.10/mile
Vehicle Usage – Trucks & SUV's	=	\$1.30/mile
Printing/Supplies/Phone/Fax/Postage	=	Note 3
In-House Usage Charges	=	Note 4

Per Diem

Unless otherwise specified contractually, per diem will be billed when travel is more than 50 miles from the office during a meal allowance period of three or more consecutive hours or involves an overnight stay. The three meal allowance periods are breakfast (midnight to 10:00 a.m.), lunch (10:00 a.m.-3:00 p.m.), and dinner (3:00 p.m. to midnight).

	Breakfast	Lunch	Dinner	Incidentals	1 st and Last Day	Per Diem Rate
Elko	\$13.00	\$15.00	\$26.00	\$5.00	\$44.25	\$59.00
Reno	\$16.00	\$17.00	\$31.00	\$5.00	\$51.75	\$69.00

For all other cities not listed above and meal breakdown, use the following link: <https://www.gsa.gov/travel/plan-book/per-diem-rates>



Notes

1. DOWL's Professional Services Fee Schedule is subject to adjustment each year or at the end of a contract period, whichever is appropriate. Should adjustments be anticipated or required, such adjustments will not affect existing contracts without prior agreement between Client and DOWL.
2. Straight-time rates are given. Multiply by 1.5 for overtime rates. Overtime rates will be applied at the rate prescribed by applicable state law.
3. Direct reimbursable expenses such as travel, freight, subcontractors, and request beyond those requests considered reasonable by the project manager for phone/fax/postage, office supplies, reproduction and photography, and laboratory analysis will be billed at cost plus the negotiated markup.
4. In-house equipment usage charges or specialized software/equipment that are not separately stated on the fee schedule will be negotiated at rates deemed fair and reasonable.