

**LARAMIE COUNTY PUBLIC WORKS/PLANNING DEPARTMENT
PROFESSIONAL SERVICES CONTRACTOR AGREEMENT
LARAMIE COUNTY, WYOMING / SHORT ELLIOTT HENDRICKSON INC. (SEH)**

THIS AGREEMENT is made and entered into by and between Laramie County, Wyoming, P.O. Box 608, Cheyenne, Wyoming 82003-0608, (COUNTY) and Short Elliott Hendrickson Inc. (SEH), 4007 Greenway Street, Suite 201, Cheyenne, Wyoming 82001 (CONTRACTOR). The parties agree as follows:

I. PURPOSE

The purpose of this Agreement is to set forth the terms and conditions by which CONTRACTOR will provide the services to COUNTY as described in Attachment 'A' (Request for Proposals, attached hereto and incorporated herein) and Attachment 'B' (Proposal submitted by CONTRACTOR, attached hereto and incorporated herein).

II. TERM

This Agreement shall commence on the date last executed by the duly authorized representatives of the parties to this Agreement, and shall remain in full force and effect until December 31, 2023.

III. RESPONSIBILITIES OF COUNTY

COUNTY shall pay CONTRACTOR on an as needed basis per the fee schedule within Attachment 'B'. Payment will be made upon receipt of the CONTRACTORS invoice to the COUNTY. No payment shall be made before the last signature is affixed to this Agreement. Payments shall be in accordance with Wyo. Stat. ' 16-6-602 (as amended).

IV. RESPONSIBILITIES OF CONTRACTOR

A. CONTRACTOR shall be a resource for services described in Attachment A and Attachment B and these services shall be utilized by COUNTY during the period of the operation of this Agreement. By signature below, CONTRACTOR agrees that nothing in this Agreement operates to provide an exclusive right to CONTRACTOR to provide such services to COUNTY. CONTRACTOR agrees that this Agreement does not bind COUNTY in any manner to offer or provide work to CONTRACTOR. Further, nothing in this clause or agreement limits COUNTY in the choice of entities to which it may offer these services.

B. CONTRACTOR agrees to retain all required records for three (3) years after the County makes final payment and all other matters relating to the Agreement are concluded. CONTRACTOR agrees to permit access by the COUNTY or any of its duly authorized representatives to any books, documents, papers and records of the CONTRACTOR which are directly pertinent to this specific Agreement for purposes including but not limited to audit, examination, excerpts, and transcriptions. It is agreed that finished or unfinished documents, data or reports, prepared by CONTRACTOR under this contract shall be considered the property of the COUNTY and upon completion of the services to be performed, or upon termination of this Agreement for cause, or for the convenience of the COUNTY, will be turned over to the COUNTY.

V. GENERAL PROVISIONS

A. Independent Contractor: The services to be performed by CONTRACTOR are those of an independent contractor and not as an employee of COUNTY. CONTRACTOR is not eligible for Laramie County Employee benefits and will be treated as an independent contractor for federal tax filing purposes. CONTRACTOR assumes responsibility for its personnel who provide services pursuant to this contract and will make all deductions required of employers by state, federal and local laws and shall maintain liability insurance for each of them. CONTRACTOR is free to perform the same or similar services for others.

B. Preference-Wyoming Labor Should the subject of this agreement constitute the construction, reconstruction, improvement, enlargement, alteration, or repair, of any public works project or improvement, by signature below CONTRACTOR acknowledges the requirement for the use of Wyoming labor pursuant to W.S. §16-6-203 as amended, except in circumstances as provided by law including, but not limited to W.S. §16-6-201 et seq.

C. Acceptance Not Waiver: COUNTY approval of the reports, and work or materials furnished hereunder shall not in any way relieve CONTRACTOR of responsibility for the technical accuracy of the work. COUNTY approval or acceptance of, or payment for, any of the services shall not be construed to operate as a waiver of any rights under this Agreement or of any cause of action arising out of the performance of this Agreement.

D. Termination: This Agreement may be terminated (a) by either party at any time for failure of the other party to comply with the terms and conditions of this agreement; (b) by either party, with thirty (30) days' prior written notice to the other party; or (c) upon mutual written agreement by both parties.

E. Entire Agreement: This Agreement (5 pages), Attachment >A= (12 pages), Attachment >B= (42 pages), and Attachment 'C' Insurance Requirements (3 pages) represent the entire and integrated agreement and understanding between the parties and supersedes all prior negotiations, statements, representations and agreements, whether written or oral.

F. Assignment: Neither this Agreement, nor any rights or obligations hereunder shall be assigned or delegated by a party without the prior written consent of the other party.

G. Modification: This Agreement shall be modified only by a written agreement, duly executed by all parties hereto.

H. Invalidity: If any provision of this Agreement is held invalid or unenforceable by any court of competent jurisdiction, such holding shall not invalidate or render unenforceable any other provision hereof. It is the express intent of the parties that the provisions of this Agreement are fully severable.

I. Applicable Law and Venue: The parties mutually understand and agree this Agreement shall be governed by and interpreted pursuant to the laws of the State of Wyoming. If any dispute arises between the parties from or concerning this Agreement or the subject matter hereof, any suit or proceeding at law or in equity shall be brought in the District Court of the State of Wyoming, First Judicial District, sitting at Cheyenne, Wyoming. The foregoing provisions of this paragraph are agreed by the parties to be a material inducement to CONTRACTOR and to

COUNTY in executing this Agreement. This provision is not intended nor shall it be construed to waive COUNTY's governmental immunity as provided in this Agreement.

J. Contingencies: CONTRACTOR certifies and warrants no gratuities, kick-backs or contingency fees were paid in connection with this Agreement, nor were any fees, commissions, gifts or other considerations made contingent upon the award of this Agreement.

K. Discrimination: All parties agree they will not discriminate against any person who performs work under the terms and conditions of this Agreement because of race, color, gender, creed, handicapping condition, or national origin.

L. ADA Compliance: All parties agree they will not discriminate against a qualified individual with disability, pursuant to a law as set forth in the Americans With Disabilities Act, P.L. 101-336, 42 U.S.C. ' 12101, *et seq.*, and/or any properly promulgated rules and regulations relating thereto.

M. Governmental/Sovereign Immunity: COUNTY does not waive its Governmental/Sovereign Immunity, as provided by any applicable law including W.S. ' 1-39-101 *et seq.*, by entering into this Agreement. Further, COUNTY fully retains all immunities and defenses provided by law with regard to any action, whether in tort, contract or any other theory of law, based on this Agreement.

N. Indemnification: To the fullest extent permitted by law, CONTRACTOR agrees to indemnify and hold harmless COUNTY, its elected and appointed officials, employees and volunteers from any and all liability for injuries, damages, claims, penalties, actions, demands or expenses arising from or in connection with work performed by or on behalf of CONTRACTOR for COUNTY except to the extent liability is caused by the sole negligence or willful misconduct of COUNTY or its employees. CONTRACTOR shall carry liability insurance sufficient to cover its obligations under this provision and provide COUNTY with proof of such insurance.

O. Third Parties: The parties do not intend to create in any other individual or entity the status of third party beneficiary, and this Agreement shall not be construed so as to create such status. The rights, duties and obligations contained in this Agreement shall operate only between the parties to the Agreement, and shall inure solely to the benefit of the parties to this Agreement.

P. Conflict of Interest: COUNTY and CONTRACTOR affirm, to their knowledge, no CONTRACTOR employee has any personal beneficial interest whatsoever in the agreement described herein. No staff member of CONTRACTOR, compensated either partially or wholly with funds from this Agreement, shall engage in any conduct or activity which would constitute a conflict of interest relative to this Agreement.

Q. Force Majeure: Neither party shall be liable to perform under this Agreement if such failure arises out of causes beyond control, and without the fault or the negligence of said party. Such causes may include, but are not restricted to, Act of God or the public enemy, fires, floods, epidemics, quarantine restrictions, freight embargoes, and unusually severe weather. In every case, however, a failure to perform must be beyond the control and without the fault or the negligence of said party.

R. Limitation on Payment: COUNTY's payment obligation is conditioned upon the availability of funds which are appropriated or allocated for the payment of this obligation. If funds are not allocated and available for the continuance of the services and equipment provided by CONTRACTOR, the Agreement may be terminated by COUNTY at the end of the period for which funds are available. COUNTY shall notify CONTRACTOR at the earliest possible time of the services which will or may be affected by a shortage of funds. At the earliest possible time means at least thirty (30) days before the shortage will affect payment of claims, if COUNTY knows of the shortage at least thirty (30) days in advance. No penalty shall accrue to COUNTY in the event this provision is exercised, and COUNTY shall not be obligated or liable for any future payments due or for any damages as a result of termination under this provision. This provision shall not be interpreted or construed to permit COUNTY to terminate this Agreement in order to acquire similar services from another party.

S. Notices: All notices required and permitted under this Agreement shall be deemed to have been given, if and when deposited in the U.S. Mail, properly stamped and addressed to the party for whom intended at such parties' address listed herein, or when personally delivered personally to such party. A party may change its address for notice hereunder by giving written notice to the other party.

T. Compliance with Laws: CONTRACTOR shall comply with all applicable laws, regulations and ordinances, whether Federal, State or Local.

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**LARAMIE COUNTY PUBLIC WORKS/PLANNING DEPARTMENT
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Signature Page

LARAMIE COUNTY, WYOMING

By: _____ Date _____
Chairman, Laramie County Commissioners

ATTEST:

By: _____ Date _____
Laramie County Clerk

SHORT ELLIOTT HENDRICKSON INC. (SEH):

By: Rob Ekstrom _____ Date 7/14/2022
Rob Ekstrom, AIA, Principal

This Agreement is effective the date of the last signature affixed to this page.

REVIEWED AND APPROVED AS TO FORM ONLY:

By: [Signature] _____ Date 07/14/2022
Laramie County Attorney's Office



REQUEST FOR PROPOSALS

FOR

ENGINEERING AND SURVEYING SERVICES

Submittals Due
May 4, 2022

LARAMIE COUNTY BOARD OF COMMISSIONERS
REQUEST FOR PROPOSALS
FOR
ENGINEERING AND SURVEYING SERVICES

Advertisement:

Laramie County seeks to contract with one or more firms for consulting services in the areas of land development review, drainage engineering, traffic engineering, floodplain management, construction inspection, development planning, comprehensive land use planning, and land surveying.

Consultants will be required on an as-needed basis to provide the aforementioned services to Laramie County.

Please submit your firm's qualification statement and cost proposal outlining the services requested by the County. More information on the proposal requirements and qualifications are listed later in this document. The County will make a selection based on the proposals received proving the ability of the agency to meet the schedule and needs of the County.

Proposals shall be received by email (subject line: Engineering RFP Proposal for "Firm Name") to molly.bennett@laramiecountywy.gov by **May 4, 2022 by 2:00PM.**

Scope of Services (including but not limited to):

Laramie County is seeking a consultant who can accomplish the following under the direction and supervision of the Laramie County Director of Public Works and the Planning and Development Program Manager:

Development Review

- 1) Review of site plans and similar development applications.
- 2) Preparation of engineering-specific Conditions of Approval related to site plans and subdivision permit applications.
- 3) Review of subdivision plat applications for conformance with the State and County regulations.
- 4) Review of subdivision, site and development improvement plans for both onsite improvements and public right-of-way improvements for compliance with grading, drainage, WYPDES, transportation and County design standards.
- 5) Review of hydrology maps and hydraulic calculations for private and public storm drain systems for compliance with State and County requirements.

- 6) Review of engineer's estimates for public and private improvements that may be subject to bonding requirements, verification of quantities and preparation of fee calculations.
- 7) Proactively communicating with private developers and associated design professionals by telephone, e-mail, written correspondence, and face-to-face meetings at the County or consultant offices, whichever is requested by the applicant, to discuss plan check review comments.
- 8) Review of NEPA documents, geotechnical investigations, traffic studies, and similar engineering reports to understand issues that may impact the design of private subdivision or development improvements, and/or public streets or utility infrastructure.
- 9) Preparation of reports to the Board regarding engineering issues.
- 10) Other assignments not specifically listed above but required during the engineering review of development applications.
- 11) Assignments shall be completed to meet specified deadlines. Firms and individuals shall demonstrate sufficient depth of resources to assure timely service delivery and redundant capability.

Floodplain Management

- 1) Review all development permit applications to determine the permit requirements of the regulations have been satisfied.
- 2) Review all development permit applications to determine all necessary permits have been obtained from Federal, State, or local governmental agencies from which prior approval is required.
- 3) Review all development permit applications to determine if the proposed development is located in the floodway. If located in the floodway, assure the encroachment provisions are met.
- 4) When base flood elevation data have not been provided in accordance with the regulations, obtain, review, and reasonably utilize any base flood elevation and floodway data available as criteria for requiring that new construction, substantial improvements, or other development in Zone A are administered in accordance with the regulation's Specific Standards.
- 5) Identify maintenance specifications for altered or relocated portions of watercourses so that flood-carrying capacity is not diminished.
- 6) Provide interpretation as to the location of F.I.R.M. boundaries of the Areas of Special Flood Hazard.

- 7) Assist the County with the Community Rating System (CRS) program. This could include compiling information, reports for compliance purposes and any other needs related to the County CRS program. Note: The Community Rating System (CRS) is a voluntary program for National Flood Insurance Program (NFIP)-participating communities.

Projects and misc. needs for Public Works:

The Consultant's role will be to support County staff by performing engineering and technical design work for the construction of Civil Engineering projects. These projects could include but are not limited to: retaining walls, slope stabilizations, pavement rehabilitation, culvert rehabilitation, bio-retention and drainage projects, structural design, and other roadway and drainage related design tasks; and to perform related duties as required.

All plans and drawings must be done using AutoCAD 2020, or an earlier version. All engineering design data shall be provided in a format that integrates with the latest version of ArcGIS. All design data using said programs shall be made available to Laramie County upon request and shall become the property of Laramie County for active and future projects. Plans, specifications, and project related documents must be completed according to current County and/or State and/or Federal standards.

All work shall be done under the direction of a Professional Engineer licensed in the State of Wyoming.

The work to be performed may include, but is not limited to, any or all of the following:

1. Initial project planning, including identifying key milestones, scope description and design, delivery schedule
2. Assisting County staff with project documentation for Division Manager, Department Head and Board of Supervisors approval
3. Preparation of technical specifications using the County's style and formatting
4. Preparation of plans, technical specifications, bid documents, project manual etc. using the County's standards
5. Bid support and construction administration including Construction Inspection Services specific to county roads, development improvements and other appurtenances as designated by the Public Works Director
6. Land Surveying Services: General survey work including, but not limited to, records research, road location survey, encroachments, monumentation, plat preparation and construction-oriented work
7. Solicitation and management of subconsultants and vendors needed to support design (material testing, potholing, bores, geotechnical, etc.)
8. Pavement management plan support (to include design and review)

9. Design of footings, retaining walls or other structures
10. Drainage/erosion control design
11. Provide general current and comprehensive planning assistance as needed including, but not limited to:
 - a. Review of development submittals for planning issues.
 - b. Review of development submittals for conformance with comprehensive plan.
 - c. Preparation of zoning and regulation changes as needed.
 - d. Preparation of reports and presentations to the Planning Commission and Board as necessary.

Fee, Rates, and Estimated Costs:

The services of this RFP will be provided on an hourly basis. The County may seek to negotiate with the firm prior to award of the contract. Fee proposals shall include:

- 1) Hourly rates to be used.
- 2) Itemized list of fees for additional services.

All fee proposals shall include all insurance required by the County, printing, mailing, documentation, reporting, office overhead, profit, etc.

Should contract negotiations with the selected firm be unsuccessful, the County reserves the right to move to the next firm and begin negotiations.

Qualifications:

The County will retain the services of one or more consulting firm specializing in engineering and land surveying that demonstrate expertise in the services listed herein.

Qualifications or expectations to be considered:

- 1) Professional experience and technical competence of the firm and individuals to be assigned with respect to the scope of services.
- 2) The capacity and capability of the firm to perform the work in question within the time limitations fixed for completion of each assigned project.
- 3) Past record of performance with respect to such factors such as control of costs, quality of work and ability to meet schedules.
- 4) A successful track record, as measured by complexity of engagements and number of years in the field.
- 5) Demonstration of knowledge of Wyoming practices.
- 6) Ability to respond to requests on short notice.
- 7) Licensed to perform engineering and surveying services in the State of Wyoming.

Proposal Requirements:

The proposal should include the following information:

- 1) A letter of introduction.
- 2) A narrative describing the company size, organization, locations, experiences or expertise, names and qualifications/credentials of individuals who will provide services.
- 3) List or examples of similar work or projects completed along with list of references (include names and phone numbers). Include as many as possible specific to other municipalities.
- 4) A narrative describing abilities to respond and perform at a level above the competition.
- 5) Non-proprietary samples of comparable or similar projects.
- 6) Proposed fee structure for this type of engagement.
- 7) Indicate any and all areas of specialty your firm may practice.

Five copies of the proposal should be delivered by 2:00 p.m., May 4, 2022, to:

Molly Bennett, Director of Public Works
13797 Prairie Center Circle, Cheyenne, Wyoming 82009
molly.bennett@laramiecountywy.gov

Questions may be directed to Molly Bennett at (307) 633-4302.

The submission of proposals become public records and may be viewed upon request.

It is the responsibility of the respondent to ensure that their responses are received on or before the submission date and time. Allow sufficient delivery time to ensure receipt by the date and time specified.

CLARIFICATIONS OR SUPPLEMENTS TO REQUEST FOR PROPOSAL: In the event that it becomes necessary to revise any part of this RFP, a notice of any clarifications will be emailed to each respondent who received the original RFP at the required website. It is the responsibility of respondents, prior to submission date, to inquire as to addenda issued and to ensure their response reflects any and all changes. The County will maintain a register of holders of this RFP via the required website. Laramie County will accept questions until **April 26, 2022** and will respond to all questions to all firms who have requested proposal by end of day **April 28, 2022**.

INCURRING COSTS: The County is not liable for any cost incurred by respondents prior to issuance of a legally executed contract. No property interest, of any nature, shall accrue until a contract is awarded and signed by all concerned parties.

RFP CANCELLATION: The County reserves the right to cancel this Request for Proposal at any time, without penalty.

NON-DISCRIMINATION: The respondent shall comply with all applicable state and federal laws, rules and regulations involving non-discrimination on the basis of race, color, religion, national origin, age, sex, or sexual orientation.

AVAILABILITY OF FUNDS: Financial obligations of the County payable after the current fiscal year are contingent upon funds for that purpose being appropriated, budgeted, and otherwise made available. In the event funds are not appropriated, any resulting contract will become null and void, without penalty to the County.

Evaluation and Award:

- 1) The RFP is designed to be a competitive negotiation platform, where price is not the sole determinative factor.
- 2) The evaluation team will be composed of the Director of Public Works and the County Planning and Development Program Manager.
- 3) The proposals will be reviewed within the context of specific experience in the disciplines required.
- 4) The County may require additional information, documentation, or additional data to clarify or elaborate on materials submitted.

Additional Conditions:

- 1) The successful respondent will be expected to enter into a contract, including insurance requirements, with Laramie County upon terms acceptable to the County. The contents of this RFP, the respondent responses to same and all provisions of the successful qualifier deemed pertinent by the County may be incorporated into a contract and become legally binding.
- 2) The County reserves the right to award the contract to the respondent(s) that the County deems to offer the best overall proposal(s). The County is therefore not bound to accept a proposal on the basis of lowest price. The County reserves the right to reject any or all proposals submitted and/or to waive or ignore any irregularities and/or omissions in any submission and to accept any proposal, portion of proposal, combination of proposal and or to reject or accept any proposal for any reason in its discretion.
- 3) The County at its sole discretion, reserves the right to cancel this RFP, to modify the services sought, to reject any and all proposals, to waive any and all informalities and/or irregularities, or to re-advertise with either the identical or revised specifications, if it is deemed to be in the best interest of the County to do so. The County also reserves the right to make multiple awards, based on experience and qualifications if it is deemed to be in the County's best interest.

- 4) Laramie County does not waive its Governmental/Sovereign Immunity, as provided by any applicable law including W.S. § 1-39-101 et seq., by issuing this Request and/or entering into any agreement with any successful respondent. Further, Laramie County fully retains all immunities and defenses provided by law with regard to any action, whether in tort, contract or any other theory of law, based on this RFP and any subsequent agreement(s).
- 5) Any errors or omissions discovered in this request for proposal, or any additional information needed to clarify any issues in the request, will be communicated to all firms who have expressed an interest in the engagement. The communication will amend the requests accordingly.
- 6) If a respondent discovers any ambiguity, conflict, discrepancy, exclusionary specifications, omission, or other error in this document, the respondent shall immediately notify the County's representative. If respondent fails to notify the County of any error, ambiguity, conflict, discrepancy, exclusionary specifications, or omission in this RFP, the respondent shall submit a response at its own risk and under such conditions. If the respondent is awarded a contract, then such respondent will not be entitled to additional compensation, relief, or time by reason of the error or its later correction.
- 7) It is incumbent upon each respondent to carefully examine all specifications, terms, and conditions contained herein and in all referenced data and documents. Any inquiries, suggestions, or requests concerning interpretation, clarification or additional information shall be made in writing, through the County contact named above. The County will not be responsible for any oral representation(s) given by any employee, representative or others. The issuance of a written addendum is the only official method by which interpretation, clarification or additional information can be given.
- 8) Respondents are advised that Laramie County is a governmental entity in the State of Wyoming. Public Works projects, such as that referenced herein, carried out by governmental entities are subject to certain legal and regulatory requirements which may or may not be applicable to private entities. Any contract with a successful respondent will contain a requirement to monitor and secure compliance on the project with all applicable laws and regulations including, but not limited to, those contained in Wyoming statute W.S. § 16-6-101 et seq.
- 9) If it becomes necessary for the County to revise or amend any part of this RFP, notice may be obtained by accessing the County website. Respondents in their proposal must acknowledge receipts of amendments. Each respondent should ensure that they have received all addenda and amendments to this RFP before submitting their proposal. Please check the Laramie County web site at <https://www.laramiecountywy.gov/> for a copy of the RFP and addenda.

- 10) All proposals submitted in response to this request become property of the County and public records, so they may be subject to public review. The laws of Wyoming require that the contents of all proposals shall be placed in the public domain and be open to inspection by interested parties. Trade secrets or proprietary information that are recognized as such and are protected by law may be withheld if clearly identified as such in the proposal. The respondent must mark in bold red letters the term “CONFIDENTIAL” on that part of the response, which the respondent believes to be confidential. The respondent may be required to submit in writing specific detailed reasons, including any relevant legal authority, stating why the respondent believes the material to be confidential. Vague and general claims as to confidentiality will not be accepted. Laramie County will be the sole judge as to whether a claim is general and/or vague in nature. The entire proposal cannot be designated as proprietary or a trade secret. If a request is received to examine portions designated as proprietary or a trade secret, Laramie County will notify the respondent to permit the respondent to defend the proprietary nature of the information.
- 11) The County reserves the right to request additional information, or request clarification, or reject in its sole discretion any and all proposals. Firms may submit a joint proposal.
- 12) Invalidity: If any provision of this RFP is held invalid or unenforceable by any court of competent jurisdiction, or if the County is advised of any such actual or potential invalidity or inability to enforce, such holding or advice shall not invalidate or render unenforceable any other provision hereof. It is the express intent of that the provisions of this RFP are fully severable.
- 13) By submitting in response to this RFP, respondent agrees and understands that this RFP as well as any subsequent agreements shall be governed by and interpreted pursuant to the laws of the State of Wyoming. If any dispute arises between the parties from or concerning this RFP or the subject matter hereof, any suit or proceeding at law or in equity shall be brought in the District Court of the State of Wyoming, First Judicial District, sitting at Cheyenne, Wyoming. The foregoing provisions of this paragraph are agreed by the parties to be a material inducement to Responders and to County. This provision is not intended nor shall it be construed to waive County’s governmental immunity as provided in this Agreement.



Laramie County, Wyoming

Engineering RFP Questions and Responses

1. Can we select only certain services to submit for, or do we need to be able to provide all the requested services?
 - a. You do not need to provide all the services listed in the RFP. Expand on what services you can provide.
2. Page 2 states that proposals shall be received by email, but page 6 states that 5 copies of the proposal shall be delivered.
 - a. Only email or digital submission will be accepted. If you prefer hard copies, please provide five (5) copies for use and one (1) digital copy.
3. For the fee proposal component, I wanted to confirm you are just looking for a rate sheet for now, along with a proposal from us for a fee/contracting mechanism. Is that correct?
 - a. Yes an hourly rate sheet will be sufficient.
4. Are you looking for one consultant to provide all services or can you split the services up over multiple consultants?
 - a. Services can or may be broken up over multiple consultants. Expand on what services you can provide.
5. Should the submittal be electronic or with hard copies? The first page says to email it to you and page 6 of 9 states that 5 copies should be delivered to public works.
 - a. Only email or digital submission will be accepted. If you prefer hard copies, please provide five (5) copies for use and one (1) digital copy.
6. What is the assumed fee structure? Page 5 states that services will be provided on an hourly basis but number 6 under the proposal requirements on page 6 asks for the proposed fee structure. I am assuming that hourly makes sense for this type of engagement but let us know if we need to propose something different.
 - a. An hourly rate sheet will be sufficient.
7. Is the RFP targeting an overall qualifications package type of response which can get quite big and bulky or can response be more directed towards the items listed in the RFP?
 - a. The RFP package can be specific to the information requested in the RFP and it's up to the consultant to determine what other pertinent information is provided.
8. What type of information are you looking for regarding the Fee, Rates, and Estimated Cost?
 - a. An hourly rate sheet will be sufficient.
9. What type of team structure would the County like to see, specifically related to surveying.
 - a. The County may award multiple contracts and surveying may be awarded for the smaller on-call type survey needs
10. It was asked what the differentiation between #3 and #5 in the Proposal Requirements section of the RFP
 - a. Those two are largely similar and consultant can determine how to present comparable / similar project experience(s).



11. Will the selected Consultant(s) be able to compete ~~complete~~ for other Laramie County project specific design & surveying projects? In the last 6th Penny Ballot, there was \$11,422,795.71 to Laramie County as follows:
 - 1) \$1,860,494.09 to Laramie County for East Jefferson Road reconstruction
 - 2) \$3,045,339.52 to Laramie County for Division Avenue and Wallick Road street and infrastructure upgrade
 - 3) \$610,961.09 to Laramie County for Road 164 reconstruction and return to gravel
 - 4) \$3,470,661.02 to Laramie County for Laramie County Road 142, milling intersection and overlay. Railroad at 143
 - 5) \$2,435,339.99 to Laramie County for East Allison Road reconstruction
 - a. Yes, the selected consultant for the day-to-day services for Public Works and Planning and Development will be able to compete for the 6th penny RFP's.
12. Will the successful ~~RFQ~~ RFP applicant be distributed any of these 6th penny design/construction projects noted above or is this ~~RFQ~~ RFP strictly for Plan review, plat review and other Innoprise related review the current County Engineer provides?
 - a. All 6th penny projects will be put out for RFP's. The selected consultant(s) for the Engineering and Surveying Services RFP will not be precluded from submitting for the current and future 6th penny project designs.
 - b. This RFP is for planning and development reviews and Public Works day-to-day projects and/or assistance.
13. Reference to submittal of cost proposal is simply providing hourly billing rates correct?
 - a. That is correct. An hourly rate sheet will be sufficient.
14. Will consultant be provided access to current and proposed County planning software and is training involved?
 - a. Yes, the selected consultant will be provided the training and resources to work within the current and future development software applications.
15. Is a certified Planner required to provide comments on Development Projects?
 - a. A certified planner would be preferred but not required. The review planner will be determined on a case by case basis with each project.
16. Is a certified Flood plain manager required to provide review and evaluation of items impacting the Floodplain?
 - a. Yes.
17. Is a Licensed Wyo. surveyor required to provide comments on plats and other misc. land surveying services?
 - a. Yes.
18. Is the number of copies to be provided specified as 5 correct as the evaluation team appears to be made up of two?
 - a. Email or digital submission will be accepted. If you prefer hard copies, please provide five (5) copies for use and one (1) digital copy.
19. What is the period for providing services? One year? 5 years? Will there be options to renew or extend the contract?
 - a. Being that this is a change, this year will be an exception. We will have the selected consultant(s) under contract from July 1, 2022 through December 31, 2023. Future contracts outside of this first round are to be determined.
20. Is professional Liability insurance coverage required? If so what limits and coverage is required?
 - a. Yes, the specifics will be determined at time of contract negotiations.
21. Is it possible to extend the RFP deadline from May 4, 2022 to May 11, 2022?
 - a. The deadline for this submittal is May 4, 2022 at 2pm.



22. Can you provide a little more explanation or some guidelines on what you'd like to see for the non-proprietary samples of comparable or similar projects?
- a. The RFP package can be specific to the information requested in the RFP and it's up to the consultant to determine what other pertinent information is provided.
 - i. Examples may be: Other projects for municipalities, development specific projects, design and construction administration work etc.
23. Is the intent of this RFP for the County to have several firms it can draw from for proposals and/or advisement similar to how the City, School District, and other major government entities do or is there a preference to select one firm only in the selection process?
- a. Multiple consultants will be selected by the County based on need and services provided by the consultant. Projects and/or reviews will be offered to the consultant at the discretion of the Public Work's director and/or Development/Planning Program Manager. Based on capacity and timelines, the County reserves the right to offer the project and/or development action to another consultant on the call list.
 - i. This RFP will be for development reviews through planning and development and also for day to day projects and design for public works.
 - ii. Major projects related to road design and other major projects for public works may still be put out for RFP depending on the cost and/or scope. This RFP will not necessarily exclude the consultant(s) from those future RFPs.
24. I do not see a limit either in pages for the proposal, or in resumes to be included.
- a. That is correct. Please use your discretion.
25. Do we need to submit resumes for every person we expect may perform the work if chosen, or are you ok with something like the 5 most likely?
- a. The number mostly likely to complete the work would be acceptable. Please use your discretion.
26. What time commitment is the county expecting applicants to be capable of devoting to Laramie County specific projects? Are you looking for 20-30 hours a week for the next 6-12 months, or something of the such?
- a. There is no guarantee of work included with this RFP and the selected consultant(s). These services will be on an as needed basis. Multiple consultants will be selected by the County based on need and services provided by the consultant. Projects and/or reviews will be offered to the consultant at the discretion of the Public Work's director and/or Development/Planning Program Manager. Based on capacity and timelines, the County reserves the right to offer the project and/or development action to another consultant on the call list.
27. The RFP reads as though the county may pick multiple firms and rotate through them for different projects as needed. Is this for the most part an accurate interpretation?
- a. Yes.
28. The RFP mentions some building code review. Does the County have any requirements of us in terms of certified building code inspectors?
- a. This RFP is specific to review of plans for building code review. The reviewer needs to have the appropriate credentials to complete the reviews. If the consultant can provide certified building code inspectors, feel free to include that within the services you could provide.

Disclaimer: These answers are to the best of our current knowledge and are subject to change. If selected to continue, terms and conditions will be finalized within the agreement between the consultant and Laramie County.

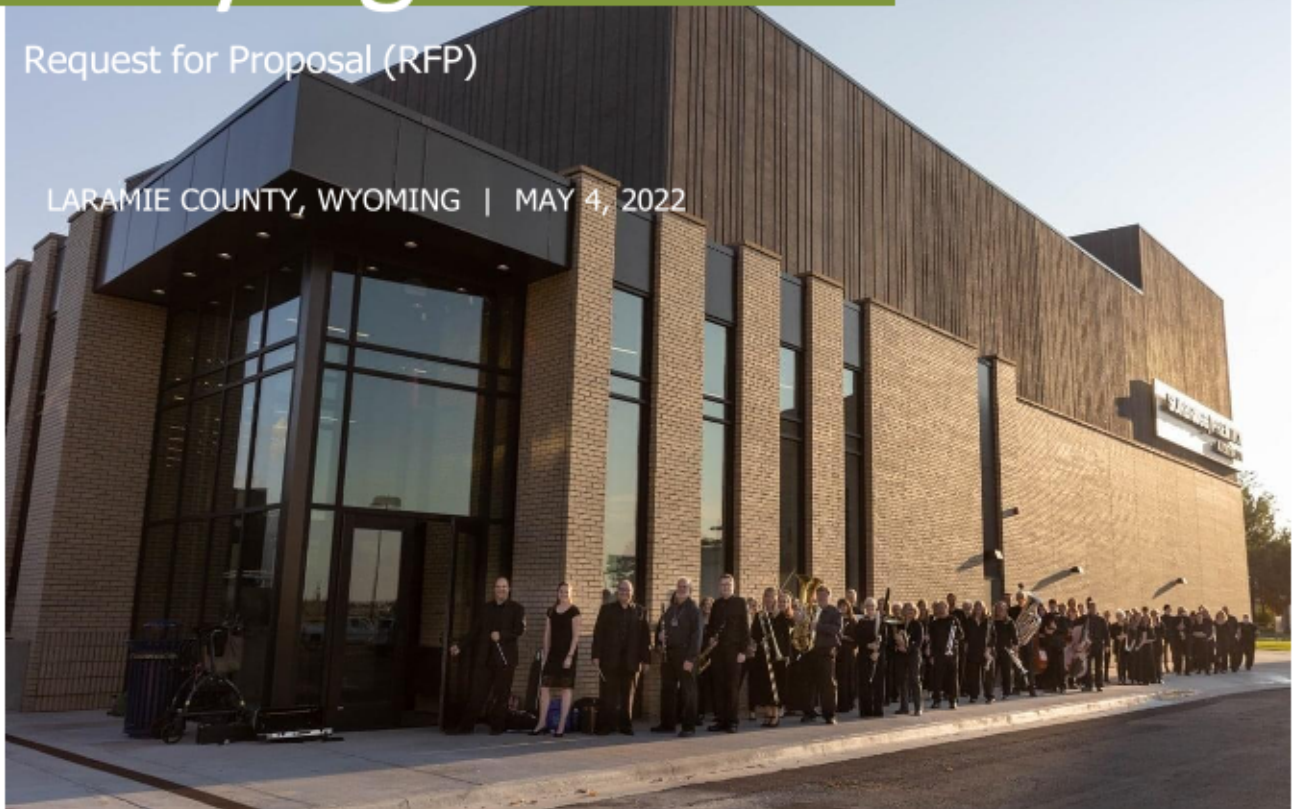
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PROPOSAL FOR PROFESSIONAL SERVICES

Laramie County Engineering and Surveying Services

Request for Proposal (RFP)

LARAMIE COUNTY, WYOMING | MAY 4, 2022



May 4, 2022

Molly Bennett
Director Public Works
Laramie County
13797 Prairie Center Circle
Cheyenne, WY 82001



RE: RFP Engineering & Surveying Services

Dear Ms. Bennett and Members of the Selection Committee:

SEH is excited to submit this proposal to assist the County with as-needed Engineering and Surveying services. Our office in Cheyenne has been growing and we are offering a more diverse range of services, including environmental permitting in addition to our full suite of general civil, road and bridge, and municipal type services. With our "work from anywhere" policy, we can tap talent from any one of our 31 offices around the country to support almost anything you need assistance with. Some services are best provided at the local level. Hence we have teamed up with Steil Surveying to provide boots on the ground support. If needed, we have several surveyors and drone pilots in our Denver office should that path make more sense.

Respectfully submitted,

RYAN RIGG PE (CO, WY)
PROJECT MANAGER



A handwritten signature in black ink that reads 'Ryan Rigg'.

CHARLES GUSTAFSON PE (CO)
PROJECT PRINCIPAL



A handwritten signature in black ink that reads 'Charles Gustafson'.

Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 4007 Greenway Street, Suite 201, Cheyenne, WY 82001-5970
SEH is 100% employee-owned | sehinc.com | 307.630.2696 | 888.908.8166 fax



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The specific licenses and credentials of the team members are described in the personnel and/or resume section of this document.

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The information contained in this Proposal was prepared specifically for you and contains proprietary information. We would appreciate your discretion in its reproduction and distribution. This information has been tailored to your specific project based on our understanding of your needs. Its aim is to demonstrate our ideas and approach to your project compared to our competition. We respectfully request that distribution be limited to individuals involved in your selection process.

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CHEYE 160624 | 01.28.21

EXECUTIVE SUMMARY



Executive Summary

Based on our understanding of the County's objectives, knowledge of the area and experience designing bridges and roadways, the SEH team sees the following factors as key to the success of your project.



ACCESSIBILITY TO THE PROJECT MANAGER AND PROJECT TEAM.

We are proposing Ryan Rigg as our project manager for the projects that come up. With his background in both civil and structural engineering and successful management of projects for the City, he is an excellent fit for this project. Ryan is located in Cheyenne and is readily available to jump in and assist with projects. Ryan will be accessible throughout the project and will be hands on during the entire process. The team also includes members who will focus on various design aspects based on their areas of expertise.

As the project manager, Ryan will serve as the point of contact for all communications between the County and project team. We take this approach of having a single contact so the message is always consistent.



QUALIFICATIONS TO DO THE PROJECT AND DO IT RIGHT.

As mentioned previously, we have included team members with varied expertise based on our understanding of the scope. SEH is a much sought-after road and bridge design firm and has earned a position on Roads and Bridges magazine's list of Top Bridge Design Firms since that list's inception. You can trust that your projects will be designed by experts who have extensive experience with similar project design and working with clients that have similar needs to the County. We will work with the County to make sure the new facility, road, bridge or intersection work for the area and needs of the community.



ABILITY TO MEET BUDGET AND SCHEDULE.

This is probably the most important factor when defining the success of a project. When we provide a fee estimate, we carefully evaluate the scope of work and make sure that everything is accounted for. This allows you to know exactly how much the project will cost. In addition, our schedules are developed based on critical path items and take into account realistic lead times and review periods. To maintain these items, our project manager continually monitors the project progress and makes sure any variances are addressed quickly to prevent delays or overruns. This has proven an effective approach as the number of projects that go over budget or schedule are minimal and usually due to client requested scope changes.

SHORT ELLIOTT HENDRICKSON INC.

BUILDING A BETTER WORLD FOR ALL OF US®

Short Elliott Hendrickson Inc. (SEH®) is a 100% employee-owned company providing engineering, architectural, planning and environmental services to public and private clients throughout the country. Our more than 800 employee-owners deliver valuable solutions in the Buildings, Energy, Environmental, Infrastructure, Transportation and Water markets. Our collective purpose and body of work is focused on Building a Better World for All of Us®.

"Building a better world" embodies our commitment to improving quality of life through safer roads, bridges, parks and trails; renewable energy and sustainable design; and cleaner air, drinking water, rivers and lakes. "For all of us" means we design customized solutions for our clients, including the residents and businesses in the communities we serve, employees in the companies we serve and citizens of the world.

Much of the work we do at SEH is providing engineering services to a wide array of communities, as an extension of municipal staff. Specifically, we have been serving clients for more than 90 years. In fact, a number of our clients have been with us for nearly that long, as our deep Midwest roots have translated to unparalleled local familiarity and strong, lasting relationships with the agencies and entities we work with and/or serve.

OUR CLIENTS

Since 1927, we've helped clients overcome challenges through strategically tailored services. We understand our public clients—local governments and state, regional, and federal governmental agencies—must meet a wide array of needs with often limited resources. When working with clients in the private sector—commercial developers as well as industrial businesses: oil and gas, food and beverage, and mining—we help businesses respond to the dynamic needs of the marketplace. You'll find our clients across the United States, with evidence of our work in 42 states.

SHORT ELLIOTT HENDRICKSON INC.



Founded in

1927

HAS GROWN TO **32**

locations



EMPLOYING



800+

engineers, architects,
planners, scientists and
talented professionals

WHO WORK TOGETHER TO SERVE

4

market areas: mobility,
better places, clean water
and renewing infrastructure



AN IMPRESSIVE **80%**



of our clients are
repeat customers



WHY SEH?



IDEAS THROUGH COMPLETION

As a multidisciplinary company with professionals at every phase of a project lifecycle, we're capable of moving complex projects from idea through completion. Whether you prefer the traditional design-bid-build method, favor design-build services or prefer a hybrid approach, we can accommodate your project needs.



PROJECT FUNDING

Our services extend beyond engineering, architecture and planning. We also help our clients secure funding for their projects. Our community development and project funding services include grant writing, funding research and analysis, grant administration and prevailing wage compliance.



SUSTAINABILITY

We believe in Building a Better World for All of Us, which means we design and build for the future. Our professionals, which include Envision™ certified and LEED-accredited staff, can help you benefit from best practices in sustainable planning, design and material selection.

WHO WE SERVE AND WHAT WE DO

CLIENTS

- Municipalities
- Counties
- Federal Agencies
- Regional Agencies
- State Agencies
- Developers
- Commercial/Industrial
- Food and Beverage
- Manufacturing
- Mining
- Oil and Gas

MARKETS

- Buildings
- Energy
- Environmental
- Infrastructure
- Transportation
- Water

CAPABILITIES

- Airport Planning and Design
- Architecture
- Bridge Design and Inspections
- Civil Engineering
- Community Development and Project Funding
- Community Planning
- Construction Services
- Dams/Levees/Reservoirs
- Drinking Water
- Energy Sources
- Environmental Services
- Flood Management
- Geographic Information Systems
- Geotechnical Engineering
- Highway Design
- Land Development
- Landscape Architecture

- Mechanical/Electrical
- Municipal Services
- Natural Resource Sciences
- Planning
- Protective Coatings Management
- Right-of-Way Services
- Site Design and Development
- Solid Waste Management
- Structural Engineering
- Surveying
- Traffic Engineering
- Transportation Planning
- Urban Design
- Wastewater
- Water Resources
- Watershed Engineering
- Wetland Services
- Zoning Administration



PROJECT TEAM



Project Team

We have assembled a team with the breadth of experience and depth of expertise that is ideally suited for this project. While primarily an in-house team, we will again rely on our trusted partners Steil Surveying for specialty services. Members of the SEH team have over 23 years of experience of working on projects in SE Wyoming.

PROJECT ORGANIZATION

Laramie County

Molly Bennett, PE | County Engineer

Scott Jardine PE
QA/QC
SEH

Ryan Rigg PE
SEH Project Manager
SEH

Charles Gustafson PE
Project Principal
SEH

ROADWAY DESIGN

Erica Olsen PE
Roadway Design Lead
SEH
Gavin MacWilliam
Roadway Design and Roadway
Drafting
SEH

INTERSECTION AND TRAFFIC SIGNAL DESIGN

Annette Marquez PE
Intersection and Traffic Signal
Design Lead
SEH

BRIDGE/STRUCTURAL

Steve Kaye PE, LEED AP®
Bridge/Structural Lead
SEH
Parsa Kolahi PE
Bridge/Structural Support
SEH

HYDRAULIC ANALYSIS, DRAINAGE, STORMWATER

David Hoesly PE
H&H QA/QC Review
SEH

UTILITY LOCATION, COORDINATION AND DESIGN

Ryan Rigg PE
Design Lead SEH

ENVIRONMENTAL

Julie Linn PG
Environmental Lead

SURVEYING

Jeff Jones PLS
Steil Surveying

PLANNING

Nancy Dosedall, AICP
Planning, Code, subdivision review.

ROLES AND RESPONSIBILITIES



RYAN RIGG PE
PROJECT MANAGER | SEH
CHEYENNE, WY

Ryan will serve as project manager and primary point of contact who will direct the overall project efforts. He will coordinate our team's activities to verify that we meet your expectations and that the staff is performing their assigned functions in a timely manner. He manages our Cheyenne office and has substantial experience overseeing bridge, roadway, storm sewer and water line reconstruction projects for Clients in Cheyenne, Laramie County, the State of Wyoming and the State of Colorado. Ryan's proximity to the project also allows for greater flexibility and responsiveness throughout design and construction.



CHARLES GUSTAFSON PE
PRINCIPAL | SEH
PUEBLO, CO

Charles will serve as the Project Principal and primarily provide QA/QC reviews as well as provide a secondary point of contact. He has 36 years of experience with engineering and construction administration focusing heavily on bridge replacements,



SCOTT JARDINE PE, LEED AP
QA/QC | SEH
DENVER, CO

Scott Jardine will serve as an additional source of QA/QC for the project. Scott is a senior project manager/engineer with extensive experience in civil engineering design and construction inspection.



ERICA OLSEN PE
ROADWAY DESIGN LEAD | SEH
DENVER, CO

Erica Olsen will lead the roadway design team and will be responsible for the roadway, bicycle connections and sidewalk. She brings recent, relevant experience preparing roadway and multimodal designs to municipal projects.



STEVE KAYE PE, LEED AP®
BRIDGE/STRUCTURAL LEAD | SEH
DENVER, CO

Steve Kaye will lead the bridge design team. His project expertise includes the design, assessment and inspection of bridges, tunnels, culverts and transportation structures; he has designed numerous bridges throughout Wyoming and Colorado.



PARSA KOLAHI PE
BRIDGE/STRUCTURAL SUPPORT
| SEH
DENVER, CO

Parsa will work with Steve on the bridge design and provide bridge drafting to our team. He has experience in vehicular and pedestrian bridge design, retaining wall design, building analysis, structural inspection and bridge load rating analysis.



MICHAEL STANLEY
ENVIRONMENTAL
| SEH
CHEYENNE, WY

Michael Stanley will work with Julie Linn to provide Environmental assistance to our team.



DAVID HOESLY PE
HYDRAULIC ANALYSIS, DRAINAGE,
STORMWATER QA/QC | SEH
DENVER, CO

David will provide QA/QC support specific to the hydrology and hydrologic analysis and design. He is experienced in preparing and reviewing drainage reports, GESC plans and reports, No Rise certifications, H&H analysis and computations.



JULIE LINN PG
ENVIRONMENTAL LEAD, WETLAND
DELINEATION | SEH
DURANGO, CO

Julie Linn will lead the environmental team and be responsible for the gathering the data and preparing the US Army Corps of Engineers (USACE) and US Fish and Wildlife Service (USFWS) permits. She has conducted and managed numerous wetland delineations and all aspects of permitting.



JEFF JONES PLS
 SURVEYING LEAD|
 STEIL SURVEYING
 CHEYENNE, WY

Jeff will serve as the Surveying Lead for Surveying and Mapping services.



SEH HAS A STRONG LOCAL PRESENCE IN LARAMIE COUNTY AND WYOMING WITH OUR GROWING OFFICE IN CHEYENNE



LARAMIE COUNTY COMMUNITY COLLEGE FLEX BUILDING AND SITE DESIGN WITH RYAN RIGG AS CIVIL ENGINEER WITH PREVIOUS FIRM

RYAN RIGG PE

PROJECT MANAGER/ UTILITY LOCATION,
COORDINATION AND DESIGN | SEH

Ryan is a project manager and senior professional engineer with extensive experience in project management and design for bridge, reinforced concrete box culverts, retaining walls, civil, structural, water, wastewater and highway design projects for municipal and private projects. He has worked with local, state and federal agencies including the City of Cheyenne, Cheyenne MPO, Cheyenne BOPU, WYDOT, CDOT, NDOR, DEQ, EPA, FEMA, FAA, FHWA, BLM, DOD, US Fish and Wildlife, Wyoming Game & Fish, and the Army Corps of Engineers. Although relatively new to SEH, Ryan has led multidisciplinary design teams, civil and structural design teams in Colorado, Wyoming and Nebraska. His project experience has ranged from completing construction documents, estimates and managing single lot site developments to multi-million dollar bridge, civil and structural projects, highways, municipal, airports and commercial developments. Ryan has also managed and designed over 15 bridge projects and over 30 reinforced concrete box culverts across Wyoming, Colorado and Nebraska. Ryan has also managed and designed over 15 City of Cheyenne projects and over 15 Laramie County projects over the last 24 years as a resident of Cheyenne.

SELECT PROJECT EXPERIENCE

2020 Water and Sewer Rehabilitation (Cheyenne Board of Public Utilities) – Cheyenne, WY

Project Manager responsible for completing the Cheyenne Board of Public Utilities 2020 Water and Sewer Rehabilitation projects.

Lone Cone Reservoir Outlet Structure Replacement – near Durango, CO
Project Manager responsible for completing the civil and structural design for the Lone Cone Reservoir Outlet Structure Replacement near Durango, Colorado.

Oasis Ditch Diversion (Wyoming Water Development Commission) – Laramie, WY
Project manager responsible for completing rehabilitation options for an existing diversion dam. The diversion was experiencing rapid deterioration and various options were analyzed to rehabilitate the diversion dam to provide a long lasting, but affordable recommendation. The design was completed to a preliminary effort and included reduction in seepage through the dam, reinforcement of the exterior dam surface, inclusion of fish passage, reduction in sediment build-up and options for integrating a SCADA system. The spillway was reconfigured to eliminate a dead zone that collected sediment and debris and separated from the fish passage structure to improve migration. The study consisted of a geotechnical investigation, structural investigation, environmental investigation, completing a hydrologic analysis, hydraulic modeling, preliminary designs, preliminary cost estimates, investigation of funding alternatives and final report. SEH was selected to complete the Level III final engineering and construction services for this project.

Menard's Nail Manufacturing Plant Site Plan – Eyota, MN

Project Manager responsible for completing the civil design for the Menard's Nail Manufacturing Plant Site Plan in Eyota, Minnesota.



24

YEARS OF
EXPERIENCE



EDUCATION

Bachelor of Science
Civil Engineering
University of Wyoming-Laramie



REGISTRATIONS/CERTIFICATIONS

Professional Engineer in CO, WY
APWA
Wyoming Engineering Society



OFFICE LOCATION

Cheyenne, WY

EXPERIENCE PRIOR TO JOINING SEH**BRIDGES:**

1st Street Bridge Over Crow Creek – Cheyenne, WY
Project Engineer and Resident Engineer responsible for completing the civil design, bridge design, structural design and construction management for the City of Cheyenne 1st Street Bridge over Crow Creek located several blocks away from the 5th Street Bridge Project. This project for the City of Cheyenne included 3 spans of prestressed tri-deck girders, driven pile abutments and piers, as well as a greenway bike path section over the bridge as well as a low flow barrier greenway bike path under the bridge.

Norris Viaduct and Norris Viaduct Locking Mechanism – Cheyenne, WY

Project Engineer responsible for completing the civil design, bridge design check, bridge ratings, structural design, and reinforced concrete box culvert design for the City of Cheyenne Norris Viaduct and Norris Viaduct Locking Mechanism Project.

Highway 130 Bridge Over the North Platte River and Reinforced Concrete Box Culverts – near Saratoga, WY
Project Engineer responsible for completing the civil design, bridge design, and structural design for the construction of the WYDOT Bridge over the North Platte River and 11 reinforced concrete box culverts on Highway 130.

Veteran Highway Bridge Rehabilitation over Cherry Creek and Reinforced Concrete Box Culverts – near Veteran, WY
Project Engineer responsible for completing the civil design, bridge rehabilitation design, and structural design for the rehabilitation of the WYDOT Bridge over Cherry Creek and several reinforced concrete box culverts near Veteran and Torrington, Wyoming.

Bridge over Salt Creek and Reinforced Concrete Box Culverts – near Midwest and Casper, WY
Project Engineer responsible for completing the civil design, bridge design and structural design for the WYDOT Bridge over Salt Creek and 4 reinforced concrete box culverts near Midwest and Casper

Maverick Road Bridge over Little Goose Creek – Sheridan, WY
Project Engineer responsible for completing the civil design, bridge design and structural design of the WYDOT Maverick Road Bridge over Little Goose Creek in Sheridan, Wyoming.

Bridge over the Encampment River – near Encampment, WY
Project Manager responsible for completing the bridge design and structural design of the Carbon County Bridge over the Encampment River and replacement of existing bridge fracture critical members near Encampment, Wyoming.

Bovee Bridge – near Laramie, WY
Project Engineer responsible for completing the bridge design and structural design of the Cheyenne Board of Public Utilities Bovee Bridge.

Guernsey State Park Timber Bridge Ratings – near Guernsey, WY
Project Engineer responsible for completing bridge ratings for two timber bridges in Guernsey State Park for the Wyoming State Parks and Cultural Resources Department.

Kirkbride Bridge – near Meridan, WY
Project Manager responsible for completing the civil design, bridge design, and structural design of the Laramie County Kirkbride Bridge near Meridan, Wyoming.

Rawhide Bridge – near Fort Collins, CO
Project Engineer responsible for completing the civil design, bridge design, and structural design of the Larimer County/City of Fort Collins Rawhide Bridge.

Wire Draw Bridge and Reinforced Concrete Box Culvert – near Fort Collins, CO
Project Engineer responsible for completing the civil design, bridge design, and structural design of the Larimer County/City of Fort Collins Rawhide Bridge.

Kalama River Bridge – Kelso, WA
Project Engineer responsible for completing the bridge ratings for the Kalama River Bridge at the confluence of the Kalama River and the Columbia River in Kelso, Washington.

Sioux County Bridge over Indian Creek – near Harrison, NE
Resident Engineer responsible for completing the construction management of the NDOR Sioux County Bridge over Indian Creek near Harrison, Nebraska.

Canal Importation Project Outfall (CIPO) Pedestrian Bridge and Reinforced Concrete Box Culverts – Fort Collins, CO
Project Manager responsible for completing the civil design, bridge design, and the structural design for of the Pedestrian Bridge and 6 Reinforced Concrete Box Culverts on the City of Fort Collins CIPO project near North Taft Hill Road and Prospect Road that took 126 homes out of the 100 year floodplain.

Rolland Moore Park Pedestrian Bridge – Fort Collins, CO
Project Manager responsible for completing the civil design, bridge design, and structural design of the City of Fort Collins Rolland Moore Park Pedestrian Bridge over Spring Creek.

ADDITIONAL LARAMIE COUNTY PROJECTS:

Laramie County Community College Flex Building Civil Design – Cheyenne, WY

Laramie County Community College Surbrugg Prentice Performing Arts Center – Cheyenne, WY

Laramie County Community College Residence Hall – Cheyenne, WY

Laramie County Kirkbride Bridge – Meridan, WY

ADDITIONAL CITY OF CHEYENNE PROJECTS:**Cheyenne Airport Parkway****City of Cheyenne Traffic Services On Call**

Vandehei Interchange Roundabout Bridge Towers – Cheyenne, WY

Project Engineer responsible for completing the structural design of the 6 City of Cheyenne/WYDOT Vandehei Interchange Roundabout Bridge Towers.

West Lincolnway Median Towers – Cheyenne, WY
Project Engineer responsible for completing the structural design of the 12 City of Cheyenne/WYDOT West Lincolnway Median Towers.

26th Street Stormwater Project – Cheyenne, WY
Project Engineer responsible for completing the structural design of the reinforced concrete box culverts and concrete stormwater junction boxes as a subconsultant for the City of Cheyenne 26th Street Stormwater Project.

East Park Greenway Masonry Culvert Evaluation – Cheyenne, WY
Project Engineer responsible for completing the structural evaluation of the existing Union Pacific Railroad Masonry Arch Culvert as a subconsultant for the City of Cheyenne East Park Greenway Project.

Snyder Avenue – Cheyenne, WY
Project Engineer responsible for completing the civil and structural design of the reinforced concrete box culverts and concrete stormwater junction boxes for the City of Cheyenne Snyder Avenue Project.

East Cheyenne Greenway Phase II – Cheyenne, WY
Project Manager responsible for completing the civil,

structural and greenway design of the East Cheyenne Greenway Phase II project from the Pershing Boulevard/Polk Avenue Intersection to the College Drive/14th Avenue tie in.

Campstool Road Project – Cheyenne, WY
Project Engineer responsible for completing the civil and structural design of the 2 reinforced concrete box culverts for the City of Cheyenne Campstool Road Project.

Evans Avenue – Cheyenne, WY
Project Engineer responsible for completing the civil and structural design of the City of Cheyenne Evans Avenue Project from Pershing Boulevard to 8th Street.

Depot Plaza – Cheyenne, WY
Project Engineer responsible for completing the civil design as a consultant for the City of Cheyenne Depot Plaza Project.

Windmill Road – Cheyenne, WY
Project Engineer responsible for completing the civil design for the City of Cheyenne Windmill Road Project from Pershing Boulevard to Dell Range Boulevard.

Capitol Avenue Phase I and Phase II – Cheyenne, WY
Project Engineer responsible for completing the civil design for the City of Cheyenne Capitol Avenue Project from 16th Street to 24th Street.

Lindenway Avenue – Cheyenne, WY
Project Engineer responsible for completing the civil design for the City of Cheyenne Lindenway Avenue Stormwater Project.

Oxford Drive/Milton Avenue – Cheyenne, WY
Project Engineer responsible for completing the civil design for the City of Cheyenne Oxford Drive/Milton Avenue Project.

Madison and Monroe Avenue Stormwater Project –
Cheyenne, WY
Project Engineer responsible for completing the civil and structural design for the City of Cheyenne Madison and Monroe Avenue Stormwater Project.

Cheyenne Regional Airport Taxiways Reconstruction –
Cheyenne, WY
Resident Engineer responsible for completing the construction management as a subconsultant for the Cheyenne Regional Airport Taxiways Reconstruction Project.

Cheyenne Regional Airport Runway 13/31 Reconstruction –
Cheyenne, WY
Resident Engineer responsible for completing the construction management as a subconsultant for the Cheyenne Regional Airport Runway 13/31 Reconstruction Project.

CHARLES GUSTAFSON PE

PROJECT PRINCIPAL | SEH

Charles has extensive experience in project management and operations management in transportation planning, engineering, property acquisition and right-of-way. His project experience spans highway, railroad, transportation, drainage and stormwater management, water/wastewater systems and construction management projects. He has also managed energy projects involving both conventional and emerging and green technologies such as biofuels, wind and solar.

Charles has managed projects ranging in size from small improvements to multi-million dollar utility and highway corridors. He is adept at managing the components of complex projects, including feasibility studies, environmental assessments, surveying and mapping, property acquisition following Uniform Act regulations and construction management involving multiple stakeholders and contractors.

EXPERIENCE

Crow Cutoff over Muddy Creek Bridge Replacement (Pueblo County) – Pueblo County, CO

Project manager and project engineer for the bridge replacement. SEH was hired to provide design, construction management services and materials testing for this federally funded bridge replacement project. The new structure is a 96 ft., single-span, precast concrete girder bridge founded on cast-in-place caissons. A shoo-fly detour was constructed to maintain traffic during construction. The new bridge is wider, safely allowing for two lanes of traffic and shoulders. Approaches to the bridge were also widened and raised to accommodate the new bridge. Wetlands were an issue for this new bridge construction, and the design addressed stream corridor impacts and installed wetlands plantings. SEH's construction management also included certified payroll compliance due to federal funding and roadway classification, erosion control management, traffic control management, quantity approval and pay request management.

Apache City Road Bridge Replacement (Pueblo County Department of Public Works) – Colorado City, CO

The project included replacement of a historic three-span, 120-ft. long bridge over Greenhorn Creek. Project challenges included varying rock elevations, relocation of sanitary sewer line, historic resource documentation and compliance with FHWA grant funding requirements. Project elements include structure and roadway design, detour design, hydraulic design, wet utility design and utility coordination.

Westerly Creek Construction Management (City of Aurora) – Aurora, CO

Project manager responsible for oversight of the team, budget and schedule. The flood control improvements generally consisted of the construction of the Montview roadway bridge, a pedestrian bridge, a low water trail crossing, channel widening, drop structures, trail improvements, roadway improvements, new sanitary and storm sewers, landscaping, designated removals and other appurtenances called for in the plans and project special provisions.



36

YEARS OF
EXPERIENCE



EDUCATION

Bachelor of Science
Civil Engineering
Colorado State University-Fort Collins



REGISTRATIONS/CERTIFICATIONS

Professional Engineer in CO



OFFICE LOCATION

Pueblo, CO

SCOTT JARDINE PE, LEED AP®

QA/QC | SEH

Scott is a senior project manager/engineer with extensive experience in civil engineering design and construction inspection. He has worked with water supply and distribution systems, sanitary sewer systems, storm drainage systems and street and roadway projects. Scott has worked on multiple roadway projects including arterial, collector and local residential streets. Scott is experienced in performing construction management and administration, which includes preparing bid estimates, specifications and contract documents; bid openings, conducting preconstruction and progress meetings; performing daily field inspections, coordinating materials testing; performing field survey checks on construction; completing field documentation; reviewing quantities and pay estimates; responding to requests for information; completing work directives, change orders and as-built documentation; performing final inspections; and coordinating project closeout.

EXPERIENCE

19th Street Rehabilitation (City of Cheyenne) – Cheyenne, WY
Senior project engineer who led the overall utility design and construction management for phases 1 and 3. Areas of oversight included review and mapping of existing infrastructure, utility coordination oversight, agency coordination and approvals with Cheyenne Board of Public Utilities, Wyoming Department of Environmental Quality, Cheyenne Public Works and Cheyenne Light and Power, concept design layout, preliminary and final plans, construction specifications and cost estimates, construction observation and administration. The \$10.2 million project consisted of roadway reconstruction including curb and gutter and ADA improvements, water and sewer line replacements and manhole rehabilitation or replacement stretching 20 blocks, from Crow Creek to Morrie Avenue, in downtown Cheyenne.

Lower Westerly Creek Flood Control Improvements at Montview Boulevard (City of Aurora) – Aurora, CO
Senior project engineer whose responsibilities included acting as the project utility technical lead updating the City staff and agency stakeholders at progress meetings; water and sanitary sewer utility relocation engineering design; agency coordination with Metro Wastewater, Denver Water and Aurora Water; dry utility relocation coordination; coordination of utility potholing; locate mapping; engineer's cost estimates; project specifications; and construction plans. This project involved two-span, 71 ft. 10 in. prestressed concrete box girders, composite concrete deck, split, skewed bridges, along with a 100 ft. 9 in. steel truss with concrete deck pedestrian bridge and a cast-in-place low flow trail crossing.

Masonville Bridge (County Road 27 B) (Larimer County) – Larimer County, CO
Senior Project Engineer. SEH was requested by Larimer County to provide engineering services for the replacement of the bridge carrying Larimer County Road 27 over Buckhorn Creek in Masonville. The existing bridge is a cast-in-place reinforced concrete slab bridge. Per the 2019 the inspection report the bridge is functionally obsolete due to its narrow roadway width and daily traffic count. The bridge is located near a curve with limited site distance which is a safety concern for vehicles and the many cyclists that use the road. The replacement bridge will be widened to improve safety and the bridge span will be lengthened to improve hydraulic capacity.



26

YEARS OF
EXPERIENCE



EDUCATION

Bachelor of Engineering Science
Civil and Environmental Engineering
University of Western Ontario

Bachelor of Arts
Economics
University of Western Ontario



REGISTRATIONS/CERTIFICATIONS

Professional Engineer in CO

LEED AP, U.S. Green Building Council

Confined Space Entry Certification,
SEH

OSHA 10 Hour Certification, SEH



OFFICE LOCATION

Denver, CO

ERICA OLSEN PE

ROADWAY DESIGN LEAD | SEH

Erica is a professional engineer with extensive experience working on projects ranging in size and scope. She has worked extensively on design projects, such as roadway/street, erosion control, traffic control, drainage, commercial site, utility, etc., and has experience in project coordination. Erika has worked with a variety of clients including private, municipal and federal, and is familiar with federal, state and local codes and regulations. Erica is proficient in AutoCAD LDD, AutoCAD Civil 3D, MicroStation, Geopak, InRoads, AutoTurn, FlowMaster, ArcMap/ArcGIS, Projectwise and the Microsoft Suite.

EXPERIENCE

19th Street Rehabilitation (City of Cheyenne) – Cheyenne, WY
Senior project engineer who coordinated with the utility design, roadway signing and striping and construction traffic control. The \$10.2 million project consisted of roadway reconstruction including curb and gutter and ADA improvements, water and sewer line replacements and manhole rehabilitation or replacement stretching 20 blocks, from Crow Creek to Morrie Avenue, in downtown Cheyenne.

Barnes Road Widening (City of Colorado Springs) – Colorado Springs, CO
Roadway design lead. SEH provided the preliminary and final design for the widening of Barnes Road as part of our on-call contract. The project improves a 1/2 mile section of Barnes Road by providing a four-lane median separated roadway, bicycle lanes and a new traffic signal.

Ralston Road/SH 58 Reconstruction (City of Arvada) – Arvada, CO
Project manager and lead designer responsible for providing a roadway design to improve safety while minimizing impacts to the adjacent parcels and right-of-way. This project improved pedestrian vehicular accessibility by widening sidewalks, providing landscape buffers where possible and widening the travel lanes. Project included intersection improvements, new traffic signals, utility relocation and coordination, street lighting, urban design improvements, curb ramps, driveway and access modifications and signing and striping improvements.

Quebec and County Line Improvements (City of Centennial) – Centennial, CO
Senior project engineer on this local agency project. SEH analyzed the current roadway conditions to determine the optimal configuration the intersection. Utilizing Synchro and SimTraffic traffic modeling software, the team analyzed traffic conditions to develop alternative recommendations, and determined the most cost effective solution to decrease traffic delay and queue lengths at the intersection.

Sheridan and 52nd Pedestrian Safety Improvements (City and County of Denver) – Denver, CO
Roadway QA engineer. SEH developed conceptual and preliminary design for pedestrian and multimodal improvements consistent with the City's master planning documents along Sheridan Boulevard and 52nd Avenue where existing pedestrian facilities consist of intermittent sidewalks and frequently used social trails. Project deliverables include design alternative exhibits, concept and preliminary design plan sets, project summary report, preliminary drainage, geotechnical and environmental reports and engineer's estimate.



17

YEARS OF
EXPERIENCE



EDUCATION

Bachelor of Science
Civil Engineering (Minor:
Mathematics)
Colorado State University-Fort Collins



REGISTRATIONS/CERTIFICATIONS

Professional Engineer in CO

Bicycle Design Workshop,
Colorado Department of
Transportation Headquarters



OFFICE LOCATION

Denver, CO

GAVIN MACWILLIAM

ROADWAY DESIGN AND ROADWAY DRAFTING | SEH

Gavin is a staff engineer with experience developing AutoCAD designs and creating 3D models from laser-scanned survey data. He has conducted various laboratory tests including sieve analysis, hydrometer tests and compaction tests to discover aggregate qualities and has assisted with the production of various types of high quality precast concrete structures utilized in the storm drainage and sanitary sewer industry. He is proficient in Microsoft Office Suite, AutoCAD Civil 3D, Leica Cyclone 3D software and Autodesk Revit 2018.



2

YEARS OF
EXPERIENCE



EDUCATION

Bachelor of Science
Civil Engineering
University of Alabama-Tuscaloosa



OFFICE LOCATION

Denver, CO

EXPERIENCE

Ward Station Area Projects (City of Wheat Ridge) – Wheat Ridge, CO
The City of Wheat Ridge is improving its existing private and public infrastructure due to increased activity with a new RTD light rail station at Ward Road. SEH is designing a variety of improvement projects related to the new development associated with the mixed-use area. Task Orders have included roadway widening, pedestrian, storm sewer and intersection improvements.

Colorado Front Range Trail (Town of Castle Rock) – Castle Rock, CO
SEH is working with the Town of Castle Rock for design and permitting of five miles of the Colorado Front Range Trail within Castle Rock neighborhoods and open space. The scope includes joining existing trail segments with new alignments along East Plum Creek and McMurdo Gulch. The design includes coordination work with two developers along the corridor as well as archeological investigations at two Colorado Conservation Camp remnants.

North Chelton Road Drainage (City of Colorado Springs) – Colorado Springs, CO
SEH designed roadway drainage improvements to benefit a residential neighborhood experiencing flooding. Improvements included a private storm system on a school site. Preliminary design included vetting private storm improvements on a school site to ensure future upstream system expansion. The design included a new 24-in to 30-in storm system in the roadway to bisect the watershed and add inlets to the surrounding street and finally connect to the existing downstream storm sewer.

Barnes Road Widening (City of Colorado Springs) – Colorado Springs, CO
SEH provided the preliminary and final design for the widening of Barnes Road as part of our on-call contract. The project improves a 1/2 mile section of Barnes Road by providing a four-lane median separated roadway, bicycle lanes and a new traffic signal.

Ralston Road Reconstruction (City of Arvada) – Arvada, CO
This project improved pedestrian vehicular accessibility by widening sidewalks, providing landscape buffers where possible and widening the travel lanes. Project included intersection improvements, new traffic signals, utility relocation and coordination, street lighting, urban design improvements, curb ramps, driveway and access modifications and signing and striping improvements.

NANCY DOSDALL

AICP, LEED GREEN ASSOCIATE
PROJECT MANAGER AND LEAD PLANNER | SEH



Nancy brings more than 37 years of experience in land use planning and entitlement. She has served as project manager on many high profile and controversial projects that included a concentrated level of public engagement. She is an adept presenter and specializes in finding common ground amongst stakeholders to develop community-supported plans. Her work experience includes comprehensive planning, meeting facilitation, public engagement, development agreements, annexations and all facets of the entitlement process.

EXPERIENCE

Durango Urban Renewal Authority Service – Durango, CO

Project manager responsible for guiding the public engagement process and delivering technical data to help City officials and staff determine the best options for forming future public/private partnerships with developers.

On-Call Planning – Town of Bayfield, CO

On-call planning director/consultant – SEH is currently providing all staffing services for this small town including development review, assisting the general public and preparation of professional report and studies. Planning services are on-going.

Code Revisions and Strategic Planning – Town of Ignacio, CO

Project manager and lead planner for comprehensive re-write/update of Land Use Codes. Nancy conducted code deficiency analysis and visioning session, prepared drafts and led all public meetings. She also led strategic planning efforts to develop feasible concepts for tax exempt, publicly-owned parcels within city limits.

Bicycle and Pedestrian Plan Update (Farmington Metropolitan Planning Organization) – Farmington, NM

Project manager responsible for public engagement, working with the multiple government agencies and developing project priorities to create a new Bicycle and Pedestrian Plan for the community.

Mesa Area Plan (Zehren and Associates) – Durango, CO

Primary point of contact and lead planner who led community facilitation during public meetings and developed and analyzed conceptual trails plans and phasing plans. Our Company teamed with Zehren and Associates to help the City develop an area plan for 1,800 acres of private land dedicated to the City for open space, trails, recreation and cultural special event uses.

As senior project planner, Nancy will provide technical assistance, real estate and planning advisory services and community engagement for the project.

7

YEARS OF EXPERIENCE



CONTACT INFORMATION

934 Main Avenue
Durango, CO 81301
O: 970.459.1165
M: 970.769.8331



EDUCATION

Master of Urban and Regional Planning
Washington State University-Pullman
Bachelor of Science
Environmental Studies
University of Vermont



REGISTRATIONS/CERTIFICATIONS

Certified Planner, American Institute of Certified Planners

American Institute of Certified Planners (#008938, 1991)

LEED Green Associate



PROFESSIONAL ASSOCIATIONS

American Planning Association, Member

STEVE KAYE PE, LEED AP®

PROJECT MANAGER | SEH

Steve is a licensed structural engineer with far-reaching structural design and inspection experience in the transportation industry. His project expertise includes the design, assessment and inspection of bridges, tunnels, culverts and transportation structures. He has worked on many transportation projects involving low-volume local roadways, bridges and trails, interstate highways and bridges, snowmobile and pedestrian bridges, and retaining walls.

EXPERIENCE

Apache City Road Bridge Replacement (Pueblo County Department of Public Works) – Colorado City, CO

Project manager and lead structural engineer. The project included replacement of a historic three-span, 120-ft. long bridge over Greenhorn Creek. Project challenges included varying rock elevations, relocation of sanitary sewer line, historic resource documentation and compliance with FHWA grant funding requirements. Project elements include structure and roadway design, detour design, hydraulic design, wet utility design and utility coordination.

Westerly Creek Bridge Design at Montview Boulevard and Flood Control Improvements (City of Aurora) – Aurora and Denver, CO

Structural task leader and lead structural engineer for the vehicular and pedestrian bridges. SEH provided design services for this project to remove approximately 40 structures from the floodplain by realigning and lowering the existing channel through a series of drop structures and two new vehicular bridges to replace an existing culvert. The new bridges are approximately 2,500 sq. ft., with a 65 ft. signal-span precast, prestressed concrete superstructure. The abutments and wing walls are spread caisson walls with top-down construction because of the confined site geometry. The project also included a pedestrian bridge and a reinforced concrete low-water crossing to carry a multi-use trail over the Creek. Additional tasks included construction related services including observation of structural construction and review of construction submittals.

Dillon Drive Interchange (City of Pueblo) – Pueblo, CO

Lead structural engineer on a two-span bridge 170 ft. long precast concrete bridge, 33,400 sq. ft. of precast panel mechanically stabilized earth walls and seven miscellaneous structures associated with project drainage and utilities. Stephen's bridge design responsibilities included performing reinforced concrete and precast concrete design for the bridge substructure and superstructure elements including drilled caissons, integral bridge abutments, bridge pier and steel design for an ornamental pedestrian rail. Stephen's wall design responsibilities included wall layout, configuration, quantities, estimates and plan production. His miscellaneous structural design responsibilities included reinforced concrete slab and wall design for a sediment stilling basin, outlet structure, rigid boundary baffle chute, pipe and culvert connection box, and forebay slab. Additional tasks included construction related services including observation of structural construction and review of construction submittals.



21

YEARS OF EXPERIENCE



EDUCATION

Bachelor of Science
Civil and Environmental Engineering
Tufts University - Medford, MA



REGISTRATIONS/CERTIFICATIONS

Professional Engineer in CO, IN, KS,
MA, NE, NM, WY

NCEES Record Holder, National
Council of Examiners for Engineering
and Surveying

LEED AP, U.S. Green Building Council



OFFICE LOCATION

Denver, CO

PARSA KOLAHI PE

STRUCTURAL SUPPORT | SEH

Parsa is a professional engineer with experience in vehicular and pedestrian bridge design, retaining wall design, building analysis, structural inspection and bridge load rating analysis for a variety of projects. He is familiar with AASHTO LRFD Bridge Design and has designed and inspected a wide variety of structure types including steel and prestressed concrete.



EXPERIENCE

Masonville Bridge Replacement – Larimer County, CO
Project bridge engineer responsible for performing bridge load rating and performing engineering services during construction. SEH was requested by Larimer County to provide engineering services for the replacement of the bridge carrying Larimer County Road 27 over Buckhorn Creek in Masonville. The existing bridge is a cast-in-place reinforced concrete slab bridge. Per the 2019 the inspection report the bridge is functionally obsolete due to its narrow roadway width and daily traffic count. The bridge is located near a curve with limited site distance which is a safety concern for vehicles and the many cyclists that use the road. The replacement bridge will be widened to improve safety and the bridge span will be lengthened to improve hydraulic capacity. SEH is performing engineering services for bridge, roadway, and hydraulic design and creation of construction plans. Geocal is providing geotechnical engineering services for the bridge foundation design.

Owl Canyon Road (LCR-70) Widening (Larimer County) – Larimer County, CO
Lead project bridge engineer for two major bridge structures. Parsa's responsibilities include structural analysis for bridge superstructure and substructure and construction document preparation, cost estimating, and specifications. Owl Canyon Road (Larimer County Road 70) in Northern Colorado's Larimer County is being reconstructed and widened from I-25 west to Larimer County Road 9. The Owl Canyon/LCR-9 intersection will be redesigned either with added auxiliary lanes or as a roundabout. LCR-9 is getting widened shoulders and an overlay to the north for approximately 4 miles. Reconstruction of Owl Canyon Road will require three new bridge structures and involve an at-grade railroad crossing that will remain as-is. Two of the bridges are for an irrigation canal and the third will require drainage and floodplain impact analysis. The rural setting of the project means there is occasional use by oversized farm equipment.

Colorado Front Range Trail (Town of Castle Rock) – Castle Rock, CO
SEH is working with the Town of Castle Rock for design and permitting of five miles of the Colorado Front Range Trail within Castle Rock neighborhoods and open space. The scope includes joining existing trail segments with new alignments along East Plum Creek and McMurdo Gulch. The design includes coordination work with two developers along the corridor as well as archeological investigations at two Colorado Conservation Camp remnants.

11

YEARS OF EXPERIENCE



EDUCATION

Master of Civil Engineering
Civil Engineering
University of Brighton-UK

Bachelor of Science
Civil Engineering
Azad University-Iran



REGISTRATIONS/CERTIFICATIONS

Professional Engineer in TX



OFFICE LOCATION

Denver, CO



MICHAEL STANLEY

NATURAL RESOURCE SCIENTIST

Michael is a Natural Resource Scientist who recently joined the SEH team. He possesses excellent knowledge of Natural Resources, wildlife, fisheries, environmental policies and project safety management. Michael has excellent knowledge of Section 404 of the Clean Water Act, wetland delineations, USFWS consultation on Section 7 of the Endangered Species Act, and SHPO consultation on Section 106 of the National Historic Preservation Act. Michael held Citation Authority as a Natural Resource Specialist (NRS) for 10 years and enforced rules and regulations under title 36 as a (NRS). He is experienced in Operations and Maintenance contracts writing and implementation, managing contract inspections through quality assurance, and is trained in visitor assistance. Archaeological Cultural Resource Protection Act, ARPA, NAGRPA. Licensed boat operator Captain Held for 5 years (USCG OUPV six pack) (Corp boats up to 26'). GPS/GIS Arc View. Microsoft office (Word, PowerPoint, Excel, Outlook). Aquatic and terrestrial Invasive Species Management. Michael is trained in wild land fire/prescribed burns. In addition, he is proficient in ORM, Microsoft Word, Excel, Power point, ArcGIS 10.5.1 and later versions, Google Earth Pro, Path Finder Office, Terra Sync, Adobe PDF, FEM, and others.

14 years

OF EXPERIENCE PRIOR TO SEH

EDUCATION

Bachelor of Science
Natural Resource Management
University of Minnesota Crookston
(2006)

EXPERIENCE PRIOR TO JOINING SEH

US Army Corps of Engineers - Oahe Dam

Natural Resource Specialist responsible for visitor assistance, inspection of Natural Resources, recreation and cultural areas, wildlife habitat management units, and providing interpretive tours to public. He inspected project lands and water by foot, vehicle, and boat to ensure safety and compliance of rules and regulations by enforcing title 36. Assisted local Regulators in Section 404 Clean Water Act and Section 10 of the Rivers and Harbors Act-enforcement activities on navigable waters of the US within South Dakota while doing Archeological site inspections by boat. Wrote Cultural Resource Requests and worked with Tribal Agents to monitor, patrol, and protect sensitive areas and project lands from disturbance and looting. He assisted in supervising the natural resource maintenance crew with tasks on project grounds pertaining to wildlife, recreation areas, and culturally sensitive areas. He used a variety of geospatial referencing tools to obtain and manage project data and developed and created detailed maps using GPS and GIS software along with Google earth pro. Served as a Division and District representative on groups and task forces with missions of interest to the District and/or the Division program, and to complete assignments related to Aquatic Nuisance Species, Water Safety and Public Safety, and wild land/prescribed fires. As a Natural Resource Specialist, Michael provided support for the regulatory program since routine duties involved surveillance of all project lands and interaction with the adjacent landowners and lessees. Also responsible for assisting regulatory permit applicants with completing and submitting applications, conducting compliance inspections, and investigating alleged violations. Provided technical assistance and facilitate outreach/education to the public and explaining the need for the US Army Corps of Engineers mission and the need behind Regulatory permitting actions on Project lands. Assisted the Lake Manager in authorizing Section 10/404 authorizations for the project office and advised and encouraged applicants to design their projects so they meet the criteria of a Regional General Permits (RGP) or Nationwide Permits (NWP). Responsible for reviewing project plans with applicants, assisting applicants with filling out the required application form (ENG FORM 4345), ensuring applications are complete, and initiating inter-Corps coordination requirements including: conducting pre-application consultation meetings and/or visiting project sites when necessary. Provided advice and peer review to colleagues on technical aspects of enforcement, aerial imagery interpretation, Title 36 rules and regulations, documentation, ARPA, and make decisions, as guided by regulation. Monitored wetlands to ensure they are protected against damage, alteration and/or encroachment and provided environmental education to foster voluntary



DAVID HOESLY PE

H&H QA/QC REVIEW | SEH

David is a senior project engineer with extensive experience designing storm sewers, detention ponds, water quality and LID improvements, roadway, site grading, water lines, landfills and tailing facilities. He is proficient in preparing drainage reports, GESD plans and reports, No Rise certifications, H&H analysis and computations. David has led, trained and developed AutoCAD classes for employees and is proficient in AutoCAD Civil 3D, AutoCAD and LDD, WaterCAD, HES-RAS, HEC-HMS and EPA SWMM.

EXPERIENCE

Masonville Bridge (County Road 27 B) (Larimer County) – Larimer County, CO
SEH was requested by Larimer County to provide engineering services for the replacement of the bridge carrying Larimer County Road 27 over Buckhorn Creek in Masonville. The existing bridge is a cast-in-place reinforced concrete slab bridge. Per the 2019 the inspection report the bridge is functionally obsolete due to its narrow roadway width and daily traffic count. The bridge is located near a curve with limited site distance which is a safety concern for vehicles and the many cyclists that use the road. The replacement bridge will be widened to improve safety and the bridge span will be lengthened to improve hydraulic capacity. SEH is performing engineering services for bridge, roadway, and hydraulic design and creation of construction plans. Geocal is providing geotechnical engineering services for the bridge foundation design.

2019 Pavement Management (City of Cheyenne) – Cheyenne, WY

The project included a pavement assessment that included a walk through to visually determine the pavement distresses and appropriate remediation methods. An uncurbed section of roadway was determined to need complete reconstruction due to deteriorated pavement, poor drainage, and limited ADA and pedestrian facilities. The roadway was evaluated for stormwater runoff and additional catch basins and storm sewer was included where needed.

Barnes Road Widening (City of Colorado Springs) – Colorado Springs, CO
Drainage engineer performing drainage study including basin analysis, storm pipe design, inlet design, water quality feature design and accompanying report production associated with the roadway improvements. SEH provided the preliminary and final design for the widening of Barnes Road as part of our on-call contract. The project improves a 1/2 mile section of Barnes Road by providing a four-lane median separated roadway, bicycle lanes and a new traffic signal.

Owl Canyon Road (LCR-70) Widening (Larimer County) – Larimer County, CO
Owl Canyon Road (Larimer County Road 70) in Northern Colorado's Larimer County is being reconstructed and widened from I-25 west to Larimer County Road 9. The Owl Canyon/LCR-9 intersection will be redesigned either with added auxiliary lanes or as a roundabout. LCR-9 is getting widened shoulders and an overlay to the north for approximately 4 miles. Reconstruction of Owl Canyon Road will require three new bridge structures and involve an at-grade railroad crossing that will remain as-is. Two of the bridges are for an irrigation canal and the third will require drainage and floodplain impact analysis. The rural setting of the project means there is occasional use by oversized farm equipment. This will need to be incorporated into the design of intersection features such as splitter islands or signal pole locations.



15

YEARS OF
EXPERIENCE



EDUCATION

Bachelor of Science
Environmental Engineering
Colorado State University-Fort Collins



REGISTRATIONS/CERTIFICATIONS

Professional Engineer in CO



OFFICE LOCATION

Denver, CO

JULIE LINN

PG, RG
ENVIRONMENTAL | SEH

Julie is a senior project scientist with 28 years of experience on environmental and natural resource projects. She has conducted and managed wetland delineations and all aspects of permitting through the US Army Corps of Engineers (USACE) for Section 404 projects. Julie is well-versed in collection of surface water, groundwater, and soil samples and data analysis. Her years of experience on a variety of projects provides her the unique opportunity to help clients plan their projects for success while navigating a complex regulatory framework. She understands the three-dimensional interactions of the environment above, at, and below the ground surface.



28

YEARS OF
EXPERIENCE

EXPERIENCE PRIOR TO JOINING SEH

Central-70 Environmental Due Diligence – Denver, CO

Julie was responsible for managing a staff of six personnel preparing over 100 Phase I ESAs for individual parcels to be acquired by the Colorado Department of Transportation (CDOT) for re-construction of the Interstate-70 Corridor through Central Denver (Central-70). In accordance with the Environmental Impact Statement (EIS) for the project, all Phase I ESAs were required to meet ASTM 1527-13 and US EPA AAI. The corridor was a mix of heavy industrial, railroad, and historic residential uses.

I-70 Floyd Hill to Veterans Memorial Tunnel Alternatives Hazardous Materials Technical Memo – Colorado

Julie was responsible for researching and providing a summary of all potential sites impacted by hazardous materials present within a one-mile buffer along Interstate-70 between Floyd Hill and the Veterans Memorial Tunnel west of Denver, CO.

USACE Permitting and Mitigation – The Faucet Company – Cortez, CO

After violations of the Clean Water Act, Julie prepared and submitted an after-the-fact permit including a wetland delineation. She prepared a mitigation plan and a biological assessment, assisted with securing water rights, and oversaw excavation and revegetation activities. She monitored the mitigation site progress and submitted annual reports to the USACE for a period of five years.

USACE Jurisdiction - Animas Valley Wetlands – Durango, CO

Julie prepared a request for an Approved Jurisdictional Determination (AJD) and submitted to the USACE for a pond resulting from former gravel mining operations. The AJD was approved, and the pond was determined to be not jurisdictional.

NEPA Support - Animas River Trail – Durango, CO

Julie conducted wetland delineation, ordinary high water mark delineation, and paleontological resource assessment to support a categorical exclusion under NEPA for the section of the Animas River Trail below the Durango Mall.

EA and USACE Permitting - Town of Bayfield WWTP – Bayfield, CO

Julie prepared the Environmental Assessment (EA) in accordance with the National Environmental Policy Act (NEPA) and was responsible for compliance with all USACE regulations within all Waters of the US in the project area. She conducted the wetland delineation and prepared a request for verification of activities under Nationwide Permit 12 and pre-construction notification to the USACE.



EDUCATION

Bachelor of Science
Geology
Northern Illinois University-DeKalb



REGISTRATIONS/CERTIFICATIONS

Registered/Professional Geologist in
AZ, WY



OFFICE LOCATION

Durango, CO

JEFFREY JONES PLS

SURVEY LEAD | STEIL SURVEYING SERVICES

Jeffrey is a Registered Professional Surveyor in the States of Wyoming and Colorado and has a B.S. Degree in Forest Engineering from Oregon State University. He is also an Engineer in Training (EIT). He has over 31 years experience in all types of land, GPS, construction and topographic surveying. Jeffrey is known for his knowledge of GPS systems and procedures, as well as the practical uses and definitions of multiple coordinate systems as well as error analysis and corrections. He has been a survey crew chief performing control surveys, boundary surveys and mapping surveys within the State of Wyoming, the State of Colorado, the City of Cheyenne and F.E. Warren Air Force Base.

EXPERIENCE

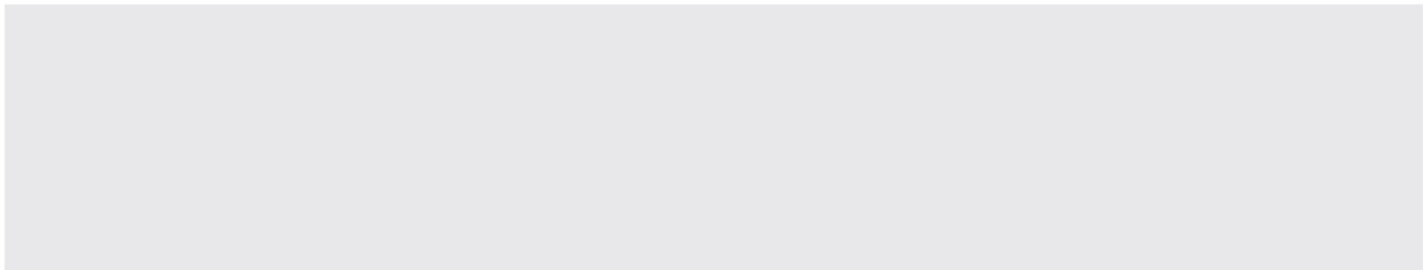
- Texas Roadhouse Pedestrian bridge, 2021
- Logan Avenue Bridge - Construction, 2014
- Christensen Road Overpass - Topographic survey, 2013
- Morrie Avenue Bridge - Construction Staking, 2006
- Topographic Surveys City of Cheyenne
- LCCC-Sweetgrass underpass, 2021
- Dey Avenue Greenway topo, 2019, construction, 2021
- Carey Avenue Greenway, 2020
- Henderson Greenway, 2020
- US 30 Underpass, 2020
- Powderhouse Greenway, 2019
- Pumphouse Greenway, 2019
- Holiday Park Greenway, 2019

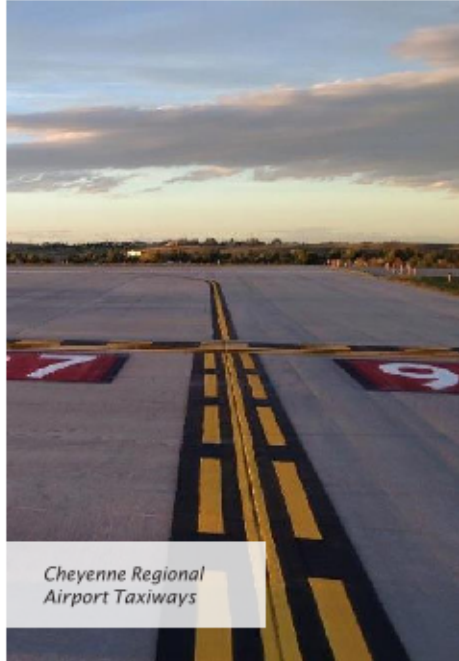
AND TYPE OF WORKED PERFORMED BY KEY PERSONNEL

The table below demonstrates the percentage of work for each individual team member in relation to the type of work they will perform and the percent of time available for this project. The percentages below only relate to the design portion of the project. During construction administration a majority of the time will be Ryan Rigg, PE with additional support from various staff.

PERSONNEL	Year experience	% AVAILABILITY	TYPE OF WORK PERFORMED
Ryan Rigg SEH	24	50	Project Management, QA/QC, Bridge Design, Hydraulics Design, Roadway Design, Utility Design, and Construction Services
Charles Gustafson SEH	36	15	QA/QC
Scott Jardine SEH	26	15	QA/QC
Erica Olsen SEH	17	15	Roadway Design
Gavin MacWilliam SEH	2	20	Roadway Design and Roadway Drafting
Annette Marquez SEH	1	15	Traffic Engineering
Steve Kaye SEH	21	25	Bridge Design
Parsa Kolahi SEH	11	35	Bridge Design and Bridge Drafting

Michael Stanley SEH	14	50	Environmental Scientist/Permitting
David Hoesly SEH	15	40	H&H QA/QC Review
Julie Linn SEH	28	20	Environmental Design
Jeff Jones Steil Surveying	31	20	Surveying and Mapping/Drone Services





*Cheyenne Regional
Airport Taxiways*



*Vandehei Interchange
Roundabout*



*West Lincolnway
Medians*

RYAN RIGG (PROJECT MANAGER) CHEYENNE, LARAMIE COUNTY AND WYOMING PROJECT EXPERIENCE

BRIDGES IN LARAMIE COUNTY, CHEYENNE AND WYOMING WITH RYAN RIGG DIRECT INVOLVEMENT

- 1st Street Bridge over Crow Creek
- Norris Viaduct and Norris Viaduct Locking Mechanism
- Highway 130 Bridge over the North Platte River
- Veteran Highway Bridge Rehabilitation over Cherry Creek
- Bridge over Salt Creek
- Maverick Road Bridge over Little Goose Creek
- Bridge over the Encampment River
- Bovee Bridge
- Guernsey State Park Timber Bridge Ratings
- Kirkbride Bridge

ADDITIONAL CITY OF CHEYENNE PROJECTS WITH RYAN RIGG DIRECT INVOLVEMENT

- Vandehei Interchange Roundabout Bridge Towers
- West Lincolnway Median Towers
- East Park Greenway Masonry Culvert Evaluation
- Snyder Avenue
- East Cheyenne Greenway Phase II
- Campstool Road
- Evans Avenue
- Cheyenne Depot Plaza
- Windmill Road
- Capitol Avenue Phases I and II
- Lindenway
- Oxford Drive/Milton Avenue
- Madison and Monroe Stormsewer
- Cheyenne Regional Airport Taxiways Reconstruction
- Cheyenne Regional Airport Runway 13/31 Reconstruction

REFERENCES

 |

References

A project of this scope and complexity requires a firm that brings experience – both at a project level and an individual staff level. SEH does both. The following pages represent relevant projects that our team members have worked on. We welcome you to contact the references to verify the quality of our work.

19TH STREET REHABILITATION

CHEYENNE, WY



The City of Cheyenne is experiencing a resurgence of downtown living and economic growth which is placing greater demand on an aging infrastructure including roadways, storm drains and walkways. SEH was selected to provide design and engineering services for the rehabilitation or replacement of streets, storm sewers and utilities in an effort to improve traffic and pedestrian flow, parking and streetscapes, while simultaneously increasing the capabilities of the systems to better manage growth.

SEH designed approximately 7,000 LF of urban roadway reconstruction in downtown Cheyenne involving replacement of 1,100 LF of 24 in. PCCP with 24 in. PVC, and 4,100 LF of 4 in. and 6 in. CI with 8 in. PVC water main and water service reconnections, 3,150 LF of 8 in. and 9 in. VCP sewer main lining and 12 in. sewer pipe replacement, manhole rehabilitation or replacement and sewer service reconnections stretching 20 blocks, from Crow Creek to Morrie Avenue, in downtown Cheyenne.

Other responsibilities included design, public involvement agency coordination and approvals with Cheyenne Board of Public Utilities, WYDEQ, Cheyenne PW and Cheyenne Light and Power, concept design layout, preliminary and final plans, construction specifications and cost estimates.



CLIENT

City of Cheyenne



COST

- Original Project Budget:
 - Data collection & Design: \$460,000
 - Bidding: \$14,000
 - Construction Services: \$431,000
 - Construction Bid: \$3.42 million
- Final Construction Cost: \$3.43 million
- Variation of Budget: Unknown landscaping items



PROJECT DATES

Began in 2014
Completed in 2017



REFERENCE

Sam Berta
Construction Manager
2101 O'Neil Ave Rm 206
Cheyenne, WY 82001
307.637.6290



KEY PERSONNEL

- Jennifer Russell
- Rick Coldsnow
- Scott Jardine
- Steve Kaye
- Jon Larson
- Erica Olsen
- Terracon

MASONVILLE BRIDGE REPLACEMENT

LARIMER COUNTY, CO



SEH was requested by Larimer County to provide engineering services for the replacement of the bridge carrying Larimer County Road 27 over Buckhorn Creek in Masonville. The existing bridge is a cast-in-place reinforced concrete slab bridge. Per the 2019 the inspection report the bridge is functionally obsolete due to its narrow roadway width and daily traffic count. The bridge is located near a curve with limited site distance which is a safety concern for vehicles and the many cyclists that use the road. The replacement bridge will be widened to improve safety and the bridge span will be lengthened to improve hydraulic capacity. SEH is performing engineering services for bridge, roadway, and hydraulic design and creation of construction plans. Geocal is providing geotechnical engineering services for the bridge foundation design.



CLIENT

Larimer County



COST

- o Original Project Budget: \$235,082
- o Final Project Cost: \$ 285, 816
- o Additional final project cost was requested by County for additional services including: engineering services during bidding and construction, Floodplain permit closeout services, and preparation of a FEMA LOMR.



PROJECT DATES

Construction - Near Completion



REFERENCE

Morgan Fay
Project Manager
200 W Oak St.
Fort Collins, CO 80521
970.498.5739



KEY PERSONNEL

- o Steve Kaye
- o Parsa Kolahi
- o David Hoesly
- o Scott Jardine

LARAMIE RIVER CROSSING

JELM, WY



This is a riverbank stabilization project at a location where two high-pressure water pipelines cross under the Laramie River near Woods Landing, WY. A portion of one of the pipelines had become exposed due to long-term stream meandering and headcutting. The project involved HEC-RAS hydraulic modeling and scour analysis, and design of a bank stabilization scheme involving articulated concrete open cell blocks with revegetation. The project also required additional bank stabilization using a riprap toe key.

Deliverables include:

- HEC-RAS modeling
- Revetment design calculations
- Construction plans and engineering estimates
- A significant public outreach component to negotiate easements



CLIENT

Cheyenne Board of Public Utilities



COST

Original Project Budget: \$54,535.84

Final Project Cost: \$54,535.84

Project was completed on budget.



PROJECT DATES

Construction in 2017



REFERENCE

Frank Strong
Engineering Director
PO Box 1469
Cheyenne, WY 82003
307.637.6471



KEY PERSONNEL

- Rick Coldsnow
- Jennifer Russell

WESTERLY CREEK AT MONTVIEW BOULEVARD FLOOD CONTROL IMPROVEMENTS

AURORA AND DENVER, CO



The Westerly Creek Flood Control Improvements project at Montview Boulevard is the first improvement project in the Westerly Creek Village Urban Renewal Plan. SEH developed a project approach that removes structures in the existing floodplain and improves safe access to the Fitzsimmons medical campus and Aurora Arts District.

A new 2,300 ft. multi-use trail enhances recreational opportunities. A new vehicular bridge was designed to replace the existing undersized double cell box culvert. The new bridge was sized to accommodate an increased hydraulic opening and the new multi-use trail, and serves as an attractive gateway to the City of Aurora.

The project also included 2,600 ft. of channel improvement. Riparian areas were developed adjacent to the new channel for wetland mitigation. Boulder drop structures were designed to provide grade control and boulder edging was installed for bank stabilization and retaining walls. In addition, scour protection was installed at storm sewer outlets.



CLIENT

City of Aurora



COST

Design Costs:

- o Estimated: \$497,949
- o Actual: \$521,748
- o Additional cost was to add independent contractor for cost estimating

Construction Costs

- o Estimated: \$6 million
- o Actual: \$6.95 million.



PROJECT DATES

- o Estimated Completion: September 2015
- o Actual Completion: January 2016
- o Started later due to obtaining additional grant funding



REFERENCE

Vern Adam
Sr. Water Project Manager
15151 E Alameda Pkwy, 3rd Floor
Aurora, CO 80012
303.549.7909



KEY PERSONNEL

- o Steve Kaye
- o Charles Gustafson
- o Rick Coldsnow
- o Scott Jardine

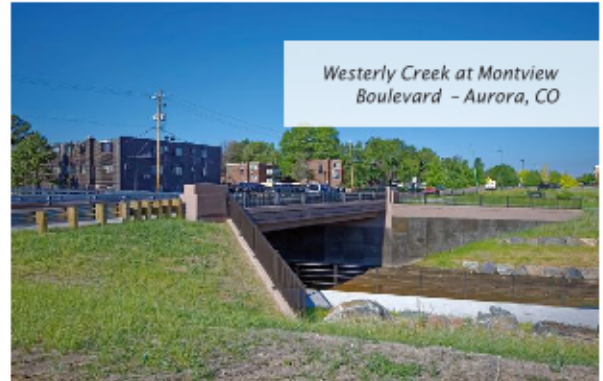


SEH BRIDGES

RECOGNIZED AS ONE OF THE TOP 20 BRIDGE DESIGN FIRMS IN THE COUNTRY, WE ENGINEER AND INSPECT BRIDGES THAT SUPPORT COMMERCE, CONNECT COMMUNITIES AND SPAN GENERATIONS.



I-25 over Dillon Interchange - Pueblo, CO



Westerly Creek at Montview Boulevard - Aurora, CO



Westerly Creek at Montview Boulevard - Aurora, CO



Baseline Pedestrian Underpass - Boulder, CO

BRIDGE BEFORE AND AFTERS

8TH STREET BRIDGE REPLACEMENT

LOVELAND, CO



68/59A BRIDGE REPLACEMENT – CR 68 OVER CROW CREEK

WELD COUNTY, CO



APACHE CITY ROAD BRIDGE REPLACEMENT

COLORADO CITY, CO



OTHER INFORMATION

SEH ON-CALL CLIENTS	
Town of Castle Rock (Public Works)	3 years
City and County of Denver (Public Works)	7 years
CDOT Regions 1, 2, 4 and 5 (Traffic Engineering)	7 years
Boulder County (Civil and Structural)	10 years
City of Centennial (Engineering)	10 years
CDOT Statewide (Bridge Inspection)	33 years
RTD (Facilities and Civil Design)	7 years
Pueblo County (Engineering Services)	12 years
City of Colorado Springs (Civil, Drainage, Bridge, Surveying)	3 years
City of Arvada (Public Works Engineering)	7 years
Arapahoe County (Traffic Engineering, Minor Roadways)	7 years
SEMSWA (Survey)	4 years
City and County of Denver (Facilities)	3 years
Town of Foxfield (Town Engineer)	7 years
City of Greeley (Engineering Services)	3 years
City of Wheat Ridge (Ward Station Improvements)	2 years
Federal Highway Authority (Bridge inspection)	3 years
E-470 Highway Authority (Engineering)	2 years
Bureau of Land Management (Engineering, Architecture, Inspection)	3 years



Other Information

SERVICES WE OFFER INCLUDE, BUT ARE NOT LIMITED TO:

- Boundary Retracement
- Water Rights
- Pipeline and Route Surveying
- Topographic and As-Built Surveying
- FEMA Floodplain Mapping & Elevation Certificates
- Global Positioning Systems (GPS)
- Statute and Code Compliance Consultation, Expertise and Project Evaluation
 - Unified Development Code (UDC)
 - Laramie County Land Use Regulations (LCLUR)
 - Wyoming State Statute (WSS)
- Commercial Site Planning
- Large-acre Master Planning
- Subdivision Design, Platting and Zone Changes
- Development Submittal and Project Coordination and Representation
- American Land Title Association (ALTA)
- Utility Surveys
- Mortgage Loan Inspection (MLI) Survey and Documentation
- Drainage Ditch, Water Rights and Reservoir Surveys
- Surveys on Indian Land and Trust Properties as a CfedS
- Transmission and Pipeline Surveys
- Aerial Photo Control Surveys
- Architectural Surveys
- Cross Sectioning
- Mining Surveys
- Cadastral Surveys
- Hydrographic Surveys

STEIL SURVEYING SERVICES, INC.

Steil Surveying Services, LLC was established in 1982 by John Steil and remains a community involved and locally oriented firm with 13 employees holding over 150 years of combined field experience, between the Cheyenne Home and Wheatland Field Offices. Dedicated to each customer and project, Steil Surveying is still run by surveyors and consistently provides the most accurate, complete and timely surveys and project services in an environment that still values personal interaction and a job done right the first time.

We have been the go-to surveying firm in Southeastern Wyoming and Northern Colorado for over three decades, with an attention to detail and a devoted team of surveyors and design and drafting professionals, you can always be assured of consistent service and quality results. Over the last 25 years, Steil Surveying Services has evolved from a simple land and boundary survey firm to an incredibly diverse survey and design firm for every parcel of land, from the local commercial or residential renovation to large-scale subdivisions over any ground in the region.

Steil Surveying Services, LLC was founded to provide builders, environmental firms, and anyone who is in need of land surveying with quality services. We pride ourselves on our integrity and dedication to our clients. Clear communication with our clients is a must, and all of our employees are happy to answer your questions. Our registered surveyors will conduct themselves with the utmost professionalism in the field to ensure accurate readings and designs.

Our long-term partnerships with our clients enable us provide the most efficient customer service without the distraction, overhead, or self-interest of other multi-services firms who just don't have the time to focus on you. No matter what services you need, Our work is of the highest caliber with reliable, timely, accurate and professional expertise on every project. Call Steil Surveying Today for your surveying needs large or small.

APPENDIX: FORMS



Section 3 – Summary Billing Rates

SEH HOURLY BILLABLE RATES

JOB TITLE	HOURLY RATE ⁽¹⁾
Engineering Intern	\$110.00
Administrative Assistant	\$125.00
Bridge/Building EIT	\$110.00
Landscape Architect	\$125.00
Graduate Engineer	\$125.00-\$145.00
Planner	\$145.00
Accounting Representative	\$115.00
Professional Surveyor	\$140.00
Architect	\$145.00
Project Engineer	\$145.00 - \$155.00
Bridge/Building Engineer	\$170.00
Senior Engineer I	\$175.00
Senior Engineer II	\$180.00
Senior Scientist II	\$185.00
Senior Landfill Engineer	\$195.00
Senior Engineer II/Principal	\$210.00
Lead Structural Engineer	\$205.00
Senior Planner II	\$225.00
Regional Practice Leader/Principal	\$250.00

EQUIPMENT PER HOUR	RATE ⁽¹⁾
Tier 3 Drone	\$150.00
Survey Vehicle or Field Vehicle	\$4.50
3D Scanner (SX-10)	\$35.00
Robotic Total Station	\$30.00
GPS - Survey Grade	\$30.00
Magnetometer	\$10.00
ATV/UTV	\$12.50
All Vehicles: Std IRS Mileage Rate (2022)	\$0.58/mile
All other expenses	At cost

(1) The actual rate charged is dependent upon the hourly rate of the employee assigned to the project. The rates shown are subject to change.

Effective: January 1, 2022

Expires: December 31, 2022

SEH SCHEDULE OF EXPENSES

VEHICLE MILEAGE RATES

2022 IRS Rate
\$0.58/mile

VEHICLE ALLOWANCE COSTS

Resident Project Representative
\$16.00/day
Survey and Field Vehicle
\$4.50/hour + \$0.58/mile

SURVEY EQUIPMENT

Robotic Total Station
\$30.00/hour
Global Positioning System (GPS)
\$30.00/hour

OTHER EQUIPMENT EXPENSES

SEH uses many different types of equipment, such as traffic counters; flow meters; air, water, and soil sampling kits; inspection cameras; density meters; and many others. Our equipment is frequently upgraded to utilize current technology. You will be charged for equipment usage per your agreement with SEH.

Rates are subject to change.

Building a Better World[®] for All of Us

Sustainable buildings, sound infrastructure, safe transportation systems, clean water, renewable energy and a balanced environment. Building a Better World for All of Us communicates a company-wide commitment to act in the best interests of our clients and the world around us.

We're confident in our ability to balance these requirements.

Attachment C

Insurance Requirements for Professional Services

Contractor shall procure and maintain for the duration of the contract, *and for 5 years thereafter*, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees, subcontractors, contractors, or consultants.

MINIMUM SCOPE AND LIMIT OF INSURANCE

Coverage shall be at least as broad as:

1. **Commercial General Liability (CGL):** Insurance Services Office Form CG 00 01 covering CGL on an “occurrence” basis, including products and completed operations, property damage, bodily injury, and personal & advertising injury with limits no less than \$1,000,000 per occurrence, and endorsed with Stop Gap coverage providing Employers Liability insurance with limits no less than \$1,000,000 per accident for bodily injury or disease. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required occurrence limit.
2. **Automobile Liability:** Insurance Services Office Form Number CA 0001 covering Code 1 (any auto), with limits no less than \$1,000,000 per accident for bodily injury and property damage.
3. **Umbrella or Excess Liability:** Contractor may achieve required limits and coverage for Commercial General Liability and Automobile Liability through a combination of primary and excess or umbrella liability insurance, provided such primary and excess or umbrella liability insurance policies result in same or greater coverage as coverages required in paragraphs 1 and 2 above, and in no event shall any excess or umbrella liability insurance provide narrower coverage than primary policy. Excess policy shall not require exhaustion of underlying limits only through actual payment by underlying insurers.
4. **Workers Compensation** as required by the State of Wyoming, with Statutory Limits.
5. **Professional Liability** with limits no less than \$1,000,000 per occurrence or claim, and \$2,000,000 policy aggregate.

If Contractor maintains broader coverage and/or higher limits than minimums shown for insurance, including but not limited to umbrella or excess liability insurance, Laramie County requires and shall be entitled to the broader coverage and/or higher limits maintained by Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the Laramie County.

Self-Insured Retentions

Self-insured retentions must be declared to and approved by the Laramie County. At the option of the Laramie County, either: the Contractor shall cause the insurer to reduce or eliminate such self-insured retentions as respects the Laramie County, its officers, officials, employees, and volunteers; or the Contractor shall provide a financial guarantee satisfactory to the Laramie County guaranteeing payment of losses and related investigation, claim administration, and defense expenses.

Other Insurance Provisions

The insurance policies are to contain, or be endorsed to contain, the following provisions:

1. **Laramie County, its officers, officials, employees, and volunteers are to be covered as additional insureds** on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts, or equipment furnished in connection with such work or operations and automobiles owned, leased, hired, or borrowed by or on behalf of the Contractor. General liability coverage can be provided in the form of an endorsement to the CONTRACTOR's insurance (at least as broad as ISO Form CG 20 10, CG 11 85 or **both** CG 20 10, CG 20 26, CG 20 33, or CG 20 38; **and** CG 20 37 forms if later revisions used).
2. For any claims related to this project, the **Contractor's insurance coverage shall be primary and noncontributory** insurance coverage at least as broad as ISO CG 20 01 04 13 as respects Laramie County, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by Laramie County, its officers, officials, employees, or volunteers shall be excess of the Lead's insurance and shall not contribute with it.

Each insurance policy required by this clause shall provide that coverage shall not be canceled, except with notice to Laramie County.

Claims Made Policies

If any coverage required is written on a claims-made coverage form:

1. The retroactive date must be shown, and this date must be before the execution date of the contract or the beginning of contract work.
2. Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of contract work.
3. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a retroactive date prior to the contract effective, or start of work date, the CONTRACTOR must purchase extended reporting period coverage for a minimum of five (5) years after completion of contract work.
4. A copy of the claims reporting requirements must be submitted to Laramie County for review.

Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best rating of no less than A: VII, unless otherwise acceptable to Laramie County.

Waiver of Subrogation

Contractor hereby agrees to waive rights of subrogation which any insurer of Contractor may acquire from Contractor by virtue of the payment of any loss. Contractor agrees to obtain any endorsement that may be necessary to effect this waiver of subrogation.

Verification of Coverage

Contractor shall furnish Laramie County with original certificates and amendatory endorsements, or copies of the applicable insurance language, effecting coverage required by this contract. All certificates and endorsements are to be received by Laramie County within 2 weeks of work commencing. However, failure to obtain the required documents prior to the work beginning shall not waive the Contractor's obligation to provide them. Laramie County reserves the right to require complete, certified copies of all required insurance policies, including endorsements, required by these specifications, at any time.

Subcontractors

Contractor shall require and verify that all subcontractors, contractors, or consultants maintain same insurance meeting all requirements stated herein. Contractor shall ensure that Laramie County is an additional insured on insurance required from subcontractors, contractors, or consultants. For CGL coverage subcontractors, contractors, or consultants shall provide coverage with a form at least as broad as CG 20 38 04 13.

Special Risks or Circumstances

Laramie County reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other circumstances.