

**ADAMS COUNTY
PROFESSIONAL SERVICE AGREEMENT**

THIS AGREEMENT ("Agreement") is made this 17th day of April 2017, by and between the Adams County Board of County Commissioners, located at 4430 South Adams County Parkway, Brighton, Colorado 80601, hereinafter referred to as the "County," and Ulteig Engineers, Inc., located at 5575 DTC Parkway, Suite 200, Greenwood Village, CO 80111 hereinafter referred to as the "Contractor." The County and the Contractor may be collectively referred to herein as the "Parties".

The County and the Contractor, for the consideration herein set forth, agree as follows:

1. SERVICES OF THE CONTRACTOR:

- 1.1. All work shall be in accordance with the attached RFP 2017.519 Berkeley Sidewalk Improvements and the Contractor's response to the RFP 2017.519 attached hereto as Exhibit A, and incorporated herein by reference. Should there be any discrepancy between Exhibit A and this Agreement the terms and conditions of this Agreement shall prevail.
- 1.2. Emergency Services: In the event the Adams County Board of County Commissioners declares an emergency, the County may request additional services (of the type described in this Agreement or otherwise within the expertise of the Contractor) to be performed by the Contractor. If the County requests such additional services, the Contractor shall provide such services in a timely fashion given the nature of the emergency, pursuant to the terms of this Agreement. Unless otherwise agreed to in writing by the parties, the Contractor shall bill for such services at the rates provided for in this Agreement.

2. RESPONSIBILITIES OF THE COUNTY: The County shall provide information as necessary or requested by the Contractor to enable the Contractor's performance under this Agreement.

3. TERM:

- 3.1. Term of Agreement: The Term of this Agreement shall commence upon receipt of Notice to Proceed and be completed one hundred and eighty (180) days from the NTP date.
- 3.2. Renewal Option: The County, at its sole option, may offer to renew this Agreement as necessary for up to two, one year renewals providing satisfactory service is given and all terms and conditions of this Agreement have been fulfilled. Such renewals must be mutually agreed upon in writing by the County and the Contractor.

4. PAYMENT AND FEE SCHEDULE: The County shall pay the Contractor for services furnished under this Agreement, and the Contractor shall accept as full payment for those services, the sum of ninety six thousand four hundred forty two dollars (\$96,442.00):

- 4.1. Payment pursuant to this Agreement, whether in full or in part, is subject to and contingent upon the continuing availability of County funds for the purposes hereof. In the event that

funds become unavailable, as determined by the County, the County may immediately terminate this Agreement or amend it accordingly.

5. **INDEPENDENT CONTRACTOR:** In providing services under this Agreement, the Contractor acts as an independent contractor and not as an employee of the County. The Contractor shall be solely and entirely responsible for his/her acts and the acts of his/her employees, agents, servants, and subcontractors during the term and performance of this Agreement. No employee, agent, servant, or subcontractor of the Contractor shall be deemed to be an employee, agent, or servant of the County because of the performance of any services or work under this Agreement. The Contractor, at its expense, shall procure and maintain workers' compensation insurance as required by law. Pursuant to the Workers' Compensation Act § 8-40-202(2)(b)(IV), C.R.S., as amended, the Contractor understands that it and its employees and servants are not entitled to workers' compensation benefits from the County. The Contractor further understands that it is solely obligated for the payment of federal and state income tax on any moneys earned pursuant to this Agreement.

6. **NONDISCRIMINATION:**

6.1. **The Contractor shall not discriminate against any employee or qualified applicant for employment because of age, race, color, religion, marital status, disability, sex, or national origin. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices provided by the local public agency setting forth the provisions of this nondiscrimination clause. Adams County is an equal opportunity employer.**

6.1.1. The Contractor will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement so that such provisions will be binding upon each subcontractor, provided that the foregoing provisions shall not apply to contracts or subcontracts for standard commercial supplies or raw materials.

7. **INDEMNIFICATION:** The Contractor agrees to indemnify and hold harmless the County, its officers, agents, and employees for, from, and against any and all claims, suits, expenses, damages, or other liabilities, including reasonable attorney fees and court costs, arising out of damage or injury to persons, entities, or property, caused or sustained by any person(s) as a result of the Contractor's performance or failure to perform pursuant to the terms of this Agreement or as a result of any subcontractors' performance or failure to perform pursuant to the terms of this Agreement.

8. **INSURANCE:** The Contractor agrees to maintain insurance of the following types and amounts:

8.1. **Commercial General Liability Insurance:** to include products liability, completed operations, contractual, broad form property damage and personal injury.

8.1.1. Each Occurrence: \$1,000,000

8.1.2. General Aggregate: \$2,000,000

8.2. **Comprehensive Automobile Liability Insurance:** to include all motor vehicles owned, hired, leased, or borrowed.

- 8.2.1. Bodily Injury/Property Damage: \$1,000,000 (each accident)
- 8.2.2. Personal Injury Protection: Per Colorado Statutes
- 8.3. Workers' Compensation Insurance: Per Colorado Statutes
- 8.4. Professional Liability Insurance: to include coverage for damages or claims for damages arising out of the rendering, or failure to render, any professional services, as applicable.
- 8.4.1. Each Occurrence: \$1,000,000
- 8.4.2. This insurance requirement applies only to the Contractors who are performing services under this Agreement as professionals licensed under the laws of the State of Colorado, such as physicians, lawyers, engineers, nurses, mental health providers, and any other licensed professionals.
- 8.5. Adams County as "Additional Insured": The Contractor's commercial general liability, and comprehensive automobile liability, insurance policies and/or certificates of insurance shall be issued to include Adams County as an "additional insured" and shall include the following provisions:
- 8.5.1. Underwriters shall have no right of recovery or subrogation against the County, it being the intent of the parties that the insurance policies so affected shall protect both parties and be primary coverage for any and all losses resulting from the actions or negligence of the Contractor.
- 8.5.2. The insurance companies issuing the policy or policies shall have no recourse against the County for payment of any premiums due or for any assessments under any form of any policy.
- 8.5.3. Any and all deductibles contained in any insurance policy shall be assumed by and at the sole risk of the Contractor.
- 8.6. Licensed Insurers: All insurers of the Contractor must be licensed or approved to do business in the State of Colorado. Upon failure of the Contractor to furnish, deliver and/or maintain such insurance as provided herein, this Agreement, at the election of the County, may be immediately declared suspended, discontinued, or terminated. Failure of the Contractor in obtaining and/or maintaining any required insurance shall not relieve the Contractor from any liability under this Agreement, nor shall the insurance requirements be construed to conflict with the obligations of the Contractor concerning indemnification.
- 8.7. Endorsement: Each insurance policy herein required shall be endorsed to state that coverage shall not be suspended, voided, or canceled without thirty (30) days prior written notice by certified mail, return receipt requested, to the County.
- 8.8. Proof of Insurance: At any time during the term of this Agreement, the County may require the Contractor to provide proof of the insurance coverage or policies required under this Agreement.

9. DAMAGES ARISING FROM BREACH OF PERFORMANCE OBLIGATIONS

- 9.1. Notwithstanding anything else set forth in this Agreement, if Contractor fails to comply with all terms of this contract, including but not limited to, its obligation to perform its work in a workmanlike manner in accordance with all codes, plans, specifications and industry

standards, Contractor shall be liable to County for all damages arising from the breach, including but not limited to, all attorney fees, costs and other damages.

10. WARRANTY:

10.1. The Contractor warrants and guarantees to the County that all work, equipment, and materials furnished under the Agreement are free from defects in workmanship and materials for a period of one year after final acceptance by the County. The Contractor further warrants and guarantees that the plans and specifications incorporated herein are free of fault and defect sufficient for Contractor to warrant the finished product after completion date. Should the Contractor fail to proceed promptly in accordance with this guarantee, the County may have such work performed at the expense of the Contractor. This section does not relieve the Contractor from liability for defects that become known after one year.

11. TERMINATION:

11.1. For Cause: If, through any cause, the Contractor fails to fulfill its obligations under this Agreement in a timely and proper manner, or if the Contractor violates any of the covenants, conditions, or stipulations of this Agreement, the County shall thereupon have the right to immediately terminate this Agreement, upon giving written notice to the Contractor of such termination and specifying the effective date thereof.

11.2. For Convenience: The County may terminate this Agreement at any time by giving written notice as specified herein to the other party, which notice shall be given at least thirty (30) days prior to the effective date of the termination. If this Agreement is terminated by the County, the Contractor will be paid an amount that bears the same ratio to the total compensation as the services actually performed bear to the total services the Contractor was to perform under this Agreement, less payments previously made to the Contractor under this Agreement.

12. MUTUAL UNDERSTANDINGS:

12.1. Jurisdiction and Venue: The laws of the State of Colorado shall govern as to the interpretation, validity, and effect of this Agreement. The parties agree that jurisdiction and venue for any disputes arising under this Agreement shall be with Adams County, Colorado.

12.2. Compliance with Laws: During the performance of this Agreement, the Contractor agrees to strictly adhere to all applicable federal, state, and local laws, rules and regulations, including all licensing and permit requirements. The parties hereto aver that they are familiar with § 18-8-301, et seq., C.R.S. (Bribery and Corrupt Influences), as amended, and § 18-8-401, et seq., C.R.S. (Abuse of Public Office), as amended, , the Clean Air Act (42 U.S.C. 7401-7671q), and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), as amended, and that no violation of such provisions are present. The Contractor warrants that it is in compliance with the residency requirements in §§ 8-17.5-101, et seq., C.R.S. Without limiting the generality of the foregoing, the Contractor expressly agrees to comply with the privacy and security requirements of the Health Insurance Portability and Accountability Act of 1996 (HIPAA).

12.3. OSHA: The Contractor shall comply with the requirements of the Occupational Safety and

Health Act (OSHA) and shall review and comply with the County's safety regulations while on any County property. Failure to comply with any applicable federal, state or local law, rule, or regulation shall give the County the right to terminate this agreement for cause.

- 12.4. Record Retention: The Contractor shall maintain records and documentation of the services provided under this Agreement, including fiscal records, and shall retain the records for a period of three (3) years from the date this Agreement is terminated. Said records and documents shall be subject at all reasonable times to inspection, review, or audit by authorized Federal, State, or County personnel.
- 12.5. Assignability: Neither this Agreement, nor any rights hereunder, in whole or in part, shall be assignable or otherwise transferable by the Contractor without the prior written consent of the County.
- 12.6. Waiver: Waiver of strict performance or the breach of any provision of this Agreement shall not be deemed a waiver, nor shall it prejudice the waiving party's right to require strict performance of the same provision, or any other provision in the future, unless such waiver has rendered future performance commercially impossible.
- 12.7. Force Majeure: Neither party shall be liable for any delay or failure to perform its obligations hereunder to the extent that such delay or failure is caused by a force or event beyond the control of such party including, without limitation, war, embargoes, strikes, governmental restrictions, riots, fires, floods, earthquakes, or other acts of God.
- 12.8. Notice: Any notices given under this Agreement are deemed to have been received and to be effective: 1) Three (3) days after the same shall have been mailed by certified mail, return receipt requested; 2) Immediately upon hand delivery; or 3) Immediately upon receipt of confirmation that an E-mail was received. For the purposes of this Agreement, any and all notices shall be addressed to the contacts listed below:

Department: Adams County Transportation Department
Contact: Jeff Maxwell, Transportation Director
Address: 4430 South Adams County Parkway
City, State, Zip: Brighton, CO 80601
Phone: 720.523-6817.
E-mail: jmaxwell@adcogov.org

Department: Adams County Purchasing
Contact: Liz Estrada, Contract Specialist
Address: 4430 South Adams County Parkway
City, State, Zip: Brighton, Colorado 80601
Phone: 720.523.6052
E-mail: lestrada@adcogov.org

Department: Adams County Attorney's Office
Address: 4430 South Adams County Parkway

City, State, Zip: Brighton, Colorado 80601
Phone: 720.523.6116

Contractor: Ulteig Engineers, Inc.
Contact: Mike Dora, PE
Address: 5575 DTC Parkway, Suite 200
City, State, Zip: Greenwood Village, CO 80111
Phone: 720.873.5700
E-mail: mike.dora@ulteig.com

- 12.9. Integration of Understanding: This Agreement contains the entire understanding of the parties hereto and neither it, nor the rights and obligations hereunder, may be changed, modified, or waived except by an instrument in writing that is signed by the parties hereto.
- 12.10. Severability: If any provision of this Agreement is determined to be unenforceable or invalid for any reason, the remainder of this Agreement shall remain in effect, unless otherwise terminated in accordance with the terms contained herein.
- 12.11. Authorization: Each party represents and warrants that it has the power and ability to enter into this Agreement, to grant the rights granted herein, and to perform the duties and obligations herein described.
- 12.12. Confidentiality: All documentation related to this Agreement will become the property of Adams County. All documentation maintained or kept by Adams County shall be subject to the Colorado Open Records Act, C.R.S. 24-72-201 *et seq.* ("CORA"). The County does not guarantee the confidentiality of any records.

13. AMENDMENTS, CHANGE ORDERS OR EXTENSIONS:

- 13.1. Amendments or Change Orders: The County may, from time to time, require changes in the scope of the services of the Contractor to be performed herein including, but not limited to, additional instructions, additional work, and the omission of work previously ordered. The Contractor shall be compensated for all authorized changes in services, pursuant to the applicable provision in the Solicitation, or, if no provision exists, pursuant to the terms of the Amendment or Change Order.
- 13.2. Extensions: The County may, upon mutual written agreement by the parties, extend the time of completion of services to be performed by the Contractor.

14. COMPLIANCE WITH C.R.S. § 8-17.5-101, ET. SEQ. AS AMENDED 5/13/08: Pursuant to Colorado Revised Statute (C.R.S.), § 8-17.5-101, *et seq.*, as amended May 13, 2008, the Contractor shall meet the following requirements prior to signing this Agreement (public contract for service) and for the duration thereof:

- 14.1. The Contractor shall certify participation in the E-Verify Program (the electronic employment verification program that is authorized in 8 U.S.C. § 1324a and jointly administered by the United States Department of Homeland Security and the Social Security Administration, or its

successor program) or the Department Program (the employment verification program established by the Colorado Department of Labor and Employment pursuant to C.R.S. § 8-17.5-102(5)) on the attached certification.

- 14.2. The Contractor shall not knowingly employ or contract with an illegal alien to perform work under this public contract for services.
- 14.3. The Contractor shall not enter into a contract with a subcontractor that fails to certify to the Contractor that the subcontractor shall not knowingly employ or contract with an illegal alien to perform work under this public contract for services.
- 14.4. At the time of signing this public contract for services, the Contractor has confirmed the employment eligibility of all employees who are newly hired for employment to perform work under this public contract for services through participation in either the E-Verify Program or the Department Program.
- 14.5. The Contractor shall not use either the E-Verify Program or the Department Program procedures to undertake pre-employment screening of job applicants while this public contract for services is being performed.
- 14.6. If the Contractor obtains actual knowledge that a subcontractor performing work under this public contract for services knowingly employs or contracts with an illegal alien, the Contractor shall: notify the subcontractor and the County within three (3) days that the Contractor has actual knowledge that the subcontractor is employing or contracting with an illegal alien; and terminate the subcontract with the subcontractor if within three days of receiving the notice required pursuant to the previous paragraph, the subcontractor does not stop employing or contracting with the illegal alien; except that the Contractor shall not terminate the contract with the subcontractor if during such three (3) days the subcontractor provides information to establish that the subcontractor has not knowingly employed or contracted with an illegal alien.
- 14.7. Contractor shall comply with any reasonable requests by the Department of Labor and Employment (the Department) made in the course of an investigation that the Department is undertaking pursuant to the authority established in C.R.S. § 8-17.5-102(5).
- 14.8. If Contractor violates this Section, of this Agreement, the County may terminate this Agreement for breach of contract. If the Agreement is so terminated, the Contractor shall be liable for actual and consequential damages to the County.

The remainder of this page is left blank intentionally.

IN WITNESS WHEREOF, the Parties have caused their names to be affixed hereto:

County Manager's Office

[Signature]

Raymond H. Gonzales, Interim
County Manager

17 April 2017
Date

Ulteig Engineers, Inc.

[Signature]
Signature

April 12, 2017
Date

KEITH WEATHERBY
Printed Name

DIRECTOR OF PROJECT SERVICES
Title

Attest:

Stan Martin, Clerk and Recorder

[Signature]
Deputy Clerk

Approved as to Form:

[Signature]
Adams County Attorney's Office

NOTARIZATION OF CONTRACTOR'S SIGNATURE:

COUNTY OF Arapahoe

STATE OF Colorado)SS.

Signed and sworn to before me this 12 day of April, 2017,

by Keith Weatherby,

[Signature]
Notary Public

JENNIFER SIEVERT
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20144047228
MY COMMISSION EXPIRES DECEMBER 12, 2018

My commission expires on: December 12, 2018

CONTRACTOR'S CERTIFICATION OF COMPLIANCE

Pursuant to Colorado Revised Statute, § 8-17.5-101, *et.seq.*, as amended 5/13/08, as a prerequisite to entering into a contract for services with Adams County, Colorado, the undersigned Contractor hereby certifies that at the time of this certification, Contractor does not knowingly employ or contract with an illegal alien who will perform work under the attached contract for services and that the Contractor will participate in the E-Verify Program or Department program, as those terms are defined in C.R.S. § 8-17.5-101, *et. seq.* in order to confirm the employment eligibility of all employees who are newly hired for employment to perform work under the attached contract for services.

CONTRACTOR:

ULTEIG
Company Name

April 12, 2017
Date

Keith Weatherby
Signature

KEITH WEATHERBY
Name (Print or Type)

DIRECTOR OF PROJECT SERVICES
Title

Note: Registration for the E-Verify Program can be completed at: <https://www.vis-dhs.com/employerregistration>. It is recommended that employers review the sample "memorandum of understanding" available at the website prior to registering

Ulteig

We listen. We solve.®

proposal to perform services for
Berkeley Sidewalk Improvements

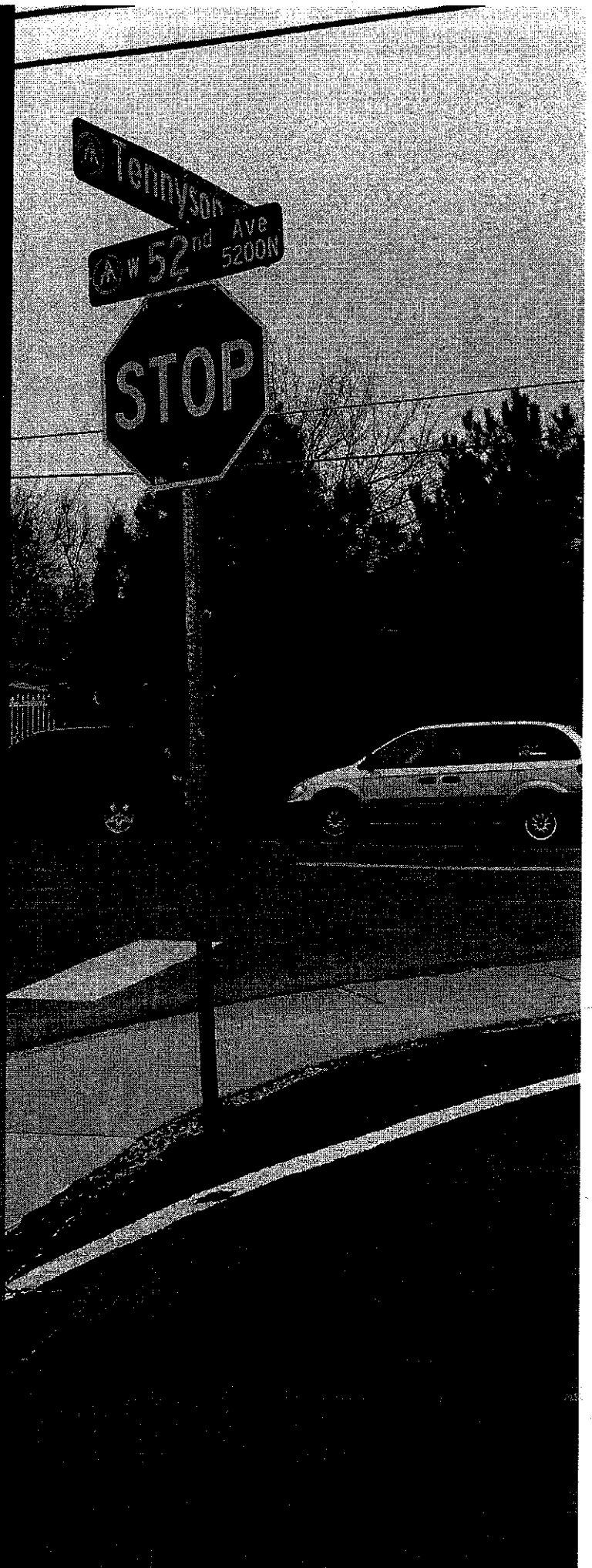
Tennyson Street to Lowell Boulevard and
West 52nd Avenue to West 54th Avenue

prepared for
Adams County

Angy Casamento, PE

angy.casamento@ulteig.com | 720.873.5892

17.00325 | March 20, 2017





We listen. We solve.

Ulteig Denver Office
5575 DTC Parkway
Suite 200
Greenwood Village, CO 80111
www.ulteig.com

Tel 720.873.5700
Fax 888.858.3440
100% Employee-owned

March 20, 2017

Liz Estrada, Contract Administrator
Office of the Purchasing of the Finance Department
Adams County Government Center
4430 South Adams County Parkway
Fourth Floor C4000A
Brighton, CO 80601

RE: Proposal to Preform Professional Engineering Services for the Adams County Berkeley Sidewalk Improvements

Dear Ms. Estrada:

Ulteig is pleased to submit this proposal for Adams County's Berkeley Sidewalk Improvements. We are eager to provide our expertise, experience, and resources to complete this project for Adams County. Ulteig specializes in all aspects of municipal engineering and DOT projects. We have an experienced team and are excited to be a part of this project to assist Adams County with improving the historic Berkeley neighborhood sidewalks and pedestrian facilities.

Ulteig has more than 70 years of experience in the engineering industry and offers a Civil Department that includes more than 50 engineers, technicians, and construction inspectors specializing in transportation planning, design, and construction management. Ulteig's team has extensive knowledge of CDOT and municipal processes and procedures and has a variety of design and construction management experience.

Ulteig's approach will include working side by side with County staff through each step of the process. Ulteig will ensure that all phases of the project, including preliminary design, final design, construction packaging, bid opening, advertisement, and post design are completely accurate and on time. We will provide designs that are bid competitively and that balance constructability with longevity. We will work diligently with adjacent property owners to ensure their access and other needs are incorporated into the project.

Adams County can be confident that our diverse team is a good fit for this project. We look forward to working with you to attain your goals for a successful project. Thank you for this opportunity to submit our proposal, and ask for your favorable consideration.

Sincerely,



Angy Casamento, PE
Technical Lead
720.873.5892
angy.casamento@ulteig.com



Mike Dora, PE
Principal-in-Charge
720.539.1071
mike.dora@ulteig.com

table contents



5

Part I: Role of the Consultant

- A. Experience with County/Municipal Organizations
- B. Experience with Similar Projects
- C. Capacity to Complete Work



9

Part II: Project Team & Responsibilities

- A. Project Team Overview & Time Commitments
- B. Resumes of Key Personnel



19

Part III: Design & Construction Approach

- A. Design Philosophy, Approach, & Specific Awareness of Issues
- B. Management Approach
- C. Consultant Organization
- D. Project Scheduling
- E. Project Budgeting & Engineer's Cost Estimate vs. Bids
- F. Technical Expertise & Quality Control Systems



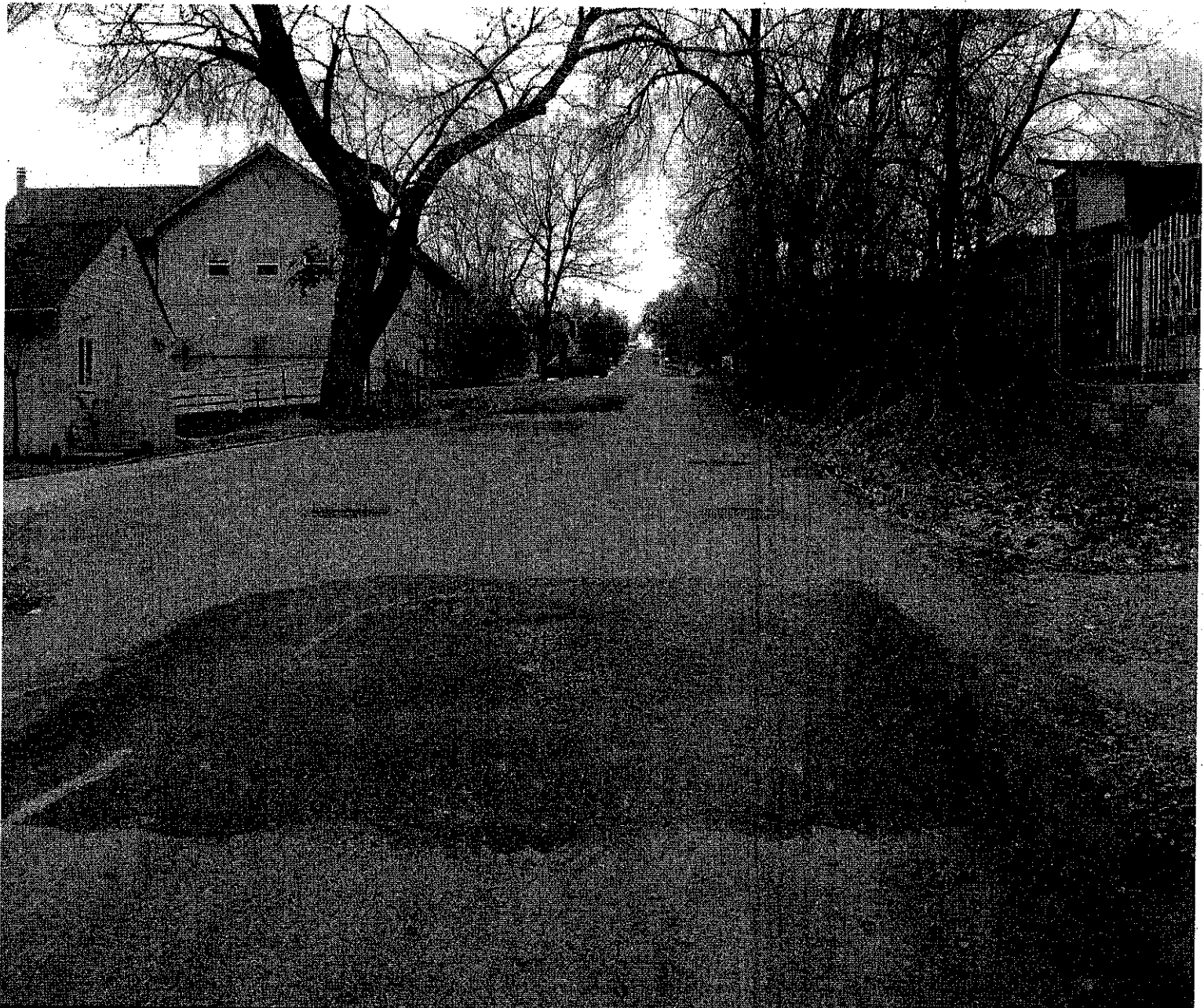
23

Part IV: Hourly Billing Rates & Cost of Services



27

Part V: Submission Checklist Items



Part I:
Role of the Consultant

A. EXPERIENCE WITH COUNTY/MUNICIPAL ORGANIZATIONS

Ulteig has a long history of successfully completed transportation projects. With eight office locations and multiple satellite locations across the United States, we are accustomed to meeting the requirements and expectations of federally-funded projects and state departments of transportation as well as municipal and county levels of government. This includes planning, design, and construction services for complex urban intersections, corridor retrofits, and rural highways.

Ulteig has completed many municipal projects similar to the Berkeley Sidewalk Improvement project with the City of Williston, ND, in the last five years, with Andria Schmid as the Project Manager. Over the past three construction seasons, the City has contracted with Ulteig to complete the design and construction of over five miles of new or newly reconstructed public sidewalks and shared-use paths throughout the City. With these construction projects, Ulteig has also reconstructed nearly 200 non-compliant ADA ramps and constructed over 50 new ADA ramps for public sidewalks and shared-use paths. Detectable warning panels were installed at all ramp locations. Each intersection was evaluated to determine the potential for right-of-way impacts. Additional right-of-way was needed at some locations to accommodate curb ramps, specifically the required 60-inch landings at the top of the ramps. Temporary construction easements were also needed throughout the City as part of these reconstructions.

Ulteig is excited to provide a quality project for Adams County. Our dedication to quality, and understanding the coordination with property owners, and impacted utilities is are key aspects in the success of the project. Our team will collect the necessary information to help Adams County make cost-effective and sustainable decisions. Ulteig will provide accurate cost estimates and projected assessments that will accurately reflect the impact of the proposed improvements to the County and adjacent properties. Our design team uses the latest technology and tools including AutoCAD Civil 3D; these programs allow us to build dynamic models that require minimal re-work when changes are necessary. This becomes a very important factor in design when combined with an aggressive timeline and impacted homeowners in the variable mix, reducing unanticipated costs. Ulteig utilizes Civil 3D to its full potential, building 3D models during the design, allowing us to provide Supplemental Design Data (SDD) to the contractors during bidding, resulting in confident contractors and competitive bids. Ulteig's diligence encompasses attention to detail in our plans, including the County's intentions, utility conflicts, and constructability. Our efforts remove delay, risk, and design conflicts from construction, and ultimately result in better-quality design and better investment for the County.

CITY OF WILLISTON HIGHLIGHTS

200 non-compliant ADA ramps reconstructed

50 new ADA ramps constructed

3 Federal Highway Urban Aid projects to remove and replace

70 non-compliant ADA ramps

100+ non-compliant ADA ramps as part of City street reconstruction projects

designed and constructed
29,000 feet of sidewalk and shared-use path

retrofitted
1 mile of existing five-foot public sidewalk into a 10-foot shared use path

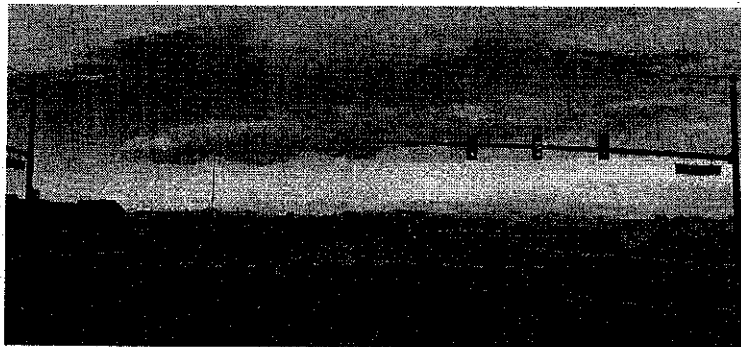
B. EXPERIENCE WITH SIMILAR PROJECTS

Aurora Roundabouts City of Aurora, CO

The Aurora Roundabouts project is the design of three roundabouts. The first roundabout location is near I-225 and Liff Avenue tying into proposed RTD Transit-Oriented Development (TOD) Site. The two other proposed roundabouts are located at Regis Jesuit High School. The design at this location involved proposed retaining walls due to the steep grade entering into the roundabout, and detention pond design. Preliminary design was done at this location, but further review was required by the schools board of directors and shareholders. The RTD TOD site major work elements included roadway design, drainage improvements, 1800 feet of sidewalk, 16 curb ramps, construction phasing, lighting, signing and striping.



Angy served as the Project Engineer responsible for horizontal and vertical alignments for all three roundabouts. She was responsible for team coordination, the development and coordination of final plans, quantity calculations, and construction cost estimate for the TOD site roundabout. Additionally, she reviewed plans and specifications to ensure adherence to City of Aurora policies and standards.



56th Avenue
City and County of Denver, CO

The 56th Avenue project is two miles of a six-lane concrete urban arterial with multiple intersecting roadways. 56th Avenue is an important regional arterial, providing both local access and regional mobility in the northeast quadrant of the Denver metro area. It is also one of the few continuous east-west arterials in this area. Major private and public development make up the increase in residential and commercial traffic along 56th Avenue. Multiple jurisdictions were involved including City staff, Adams County, Forest City, and Denver International Airport. Major work elements of the project included widening the two-lane asphalt road to six lanes of concrete pavement with landscaped medians, bridges including roadway and pedestrian, drainage structures and improvements, two new signalized intersections, lighting, side of road tree lawns with 3.5 miles of pedestrian paths, and 30 curb ramps.

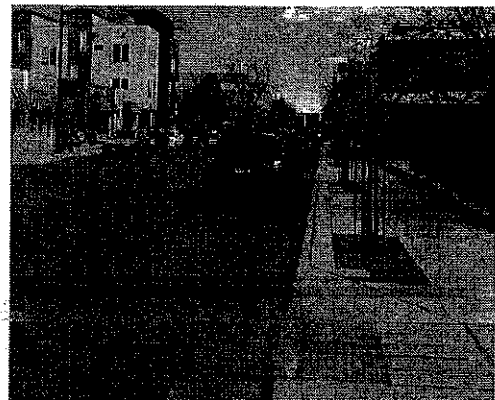
Angy served as the Project Engineer responsible for horizontal and vertical alignments for 56th Avenue, Havana Street, and nine driveway approaches. She was responsible for the development and coordination of final plans, quantity calculations, and construction cost estimate. Additionally, she reviewed plans and specifications to ensure adherence to City and County of Denver policies and standards.

Tennyson Street Roadway Reconstruction 38th Ave to 44th Ave

City and County of Denver, CO

The Tennyson Street Roadway Reconstruction 38th Avenue to 44th Avenue project is a half-mile of an urban collector street with multiple intersecting roadways. Tennyson Street sits in Denver's northwest Berkeley neighborhood with a variety of shops, boutiques, bars, and residential housing. Major work elements of the project included roadway reconstruction, 4628-foot sidewalk reconstruction, 35 curb ramps, water quality, traffic signal reconstruction, intersection design, construction phasing, utility relocation, landscaping, lighting, and irrigation.

Angy served as the Project Engineer responsible for horizontal and vertical alignments for 19 driveway approaches and curb ramps. She was responsible for the development and coordination of final plans, quantity calculations, and construction cost estimate. Additionally, she reviewed plans and specifications to ensure adherence to City and County of Denver policies and standards.



C. CAPACITY TO COMPLETE WORK

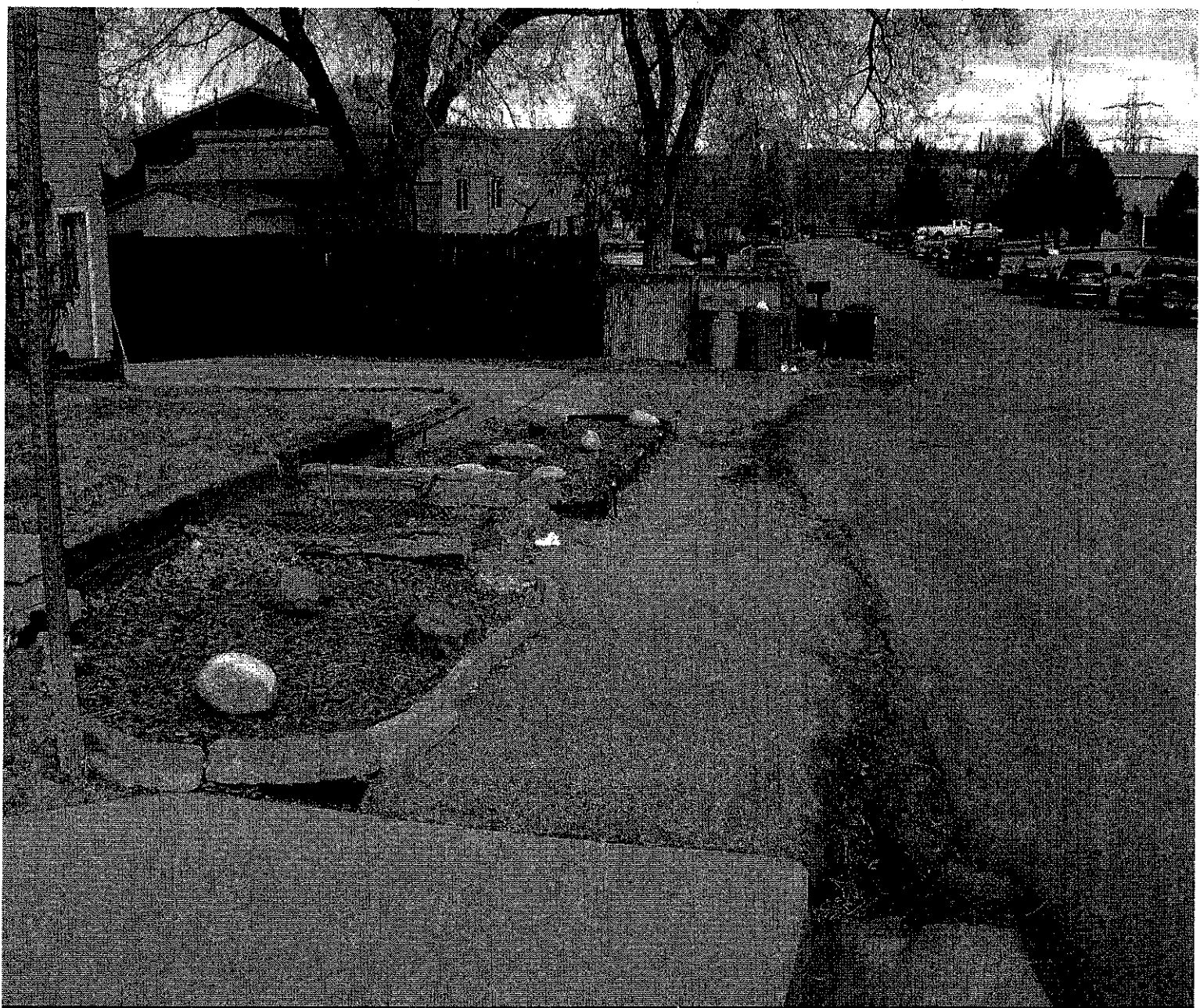
Ulteig has the available resources to dedicate to the Berkeley Sidewalk Improvements project. We have assembled an experienced team that will best meet the needs of Adams County and successfully complete the project. The staff assigned to these projects do not have previous commitments that will interfere with our ability to successfully complete the Berkeley Sidewalk Improvements project. Please see the table below for a listing of our current Project Team's availability. We can offer added resources from our other offices if additional capacity is needed.

Project Team Availability

Personnel	Role	Years EXP	Years with Firm	Current Availability
Mike Dora, PE	Principal-in-Charge	22	3	5%
Angy Casamento, PE	Project Manager	10	<1	100%
Andria Schmid, PE	Technical Manager	10	2	60%
Michael Campion	Hydraulics	5	1	60%
Sarah Beckman, PE	Retaining Walls	11	4	25%
Brad Stangoehr	Retaining Walls	30	8	25%
Laeken Stugelmeyer	Design	1	1	100%

Ulteig Capacity Chart (in Hours)

	Capacity	Committed	Available	% Available
Colorado Office				
2017 1st qtr	46,440	25,542	20,898	45%
2017 2nd qtr	46,440	22,756	23,684	51%
2017 3rd qtr	46,440	21,827	24,613	53%
2017 4th qtr	46,440	26,007	20,433	44%
Civil Engineering				
2017 1st qtr	21,600	11,880	9,720	45%
2017 2nd qtr	21,600	12,960	8,640	40%
2017 3rd qtr	21,600	12,528	9,072	42%
2017 4th qtr	21,600	11,880	9,720	45%
Construction Services				
2017 1st qtr	6,480	2,463	4,017	62%
2017 2nd qtr	6,480	2,268	4,212	65%
2017 3rd qtr	6,480	2,268	4,212	65%
2017 4th qtr	6,480	2,916	3,564	55%



Part II:
Project Team &
Responsibilities

A. PROJECT TEAM OVERVIEW & TIME COMMITMENTS

Ulteig has assembled a team that will provide Adams County with a comprehensive group of professionals who have expertise in all areas of county and municipal project development. Our staff and team of subconsultants have a complete understanding of all phases of county and municipal projects from planning through construction and can provide design services in all disciplines needed on any type of project. Experienced staff is a major emphasis for Ulteig because our knowledgeable personnel set us apart from our competition. Our Project Manager, Angy, has extensive design experience working in the region and along the Tennyson corridor, specifically with projects that included sidewalk and ADA curb ramp design. Angy's design experience, backed by Ulteig's extensive ADA and sidewalk experience throughout the United States, will allow us to provide Adams County with the highest quality plans.



Mike Dora

Commitment: (5%)

Mike Dora, PE will serve as the Principal-in-Charge. Mike has over 22 years of civil design and project management experience (three with Ulteig). Mike's involvement

as Principal-in-Charge includes ensuring the overall success of the project by managing staffing needs to and addressing any concerns from Adams County.



Angy Casamento

Commitment: (100%)

Angy Casamento, PE, will serve as the Project Manager, and has more than more than 10 years of design experience (one with Ulteig), including the design of highways,

streets, intersection improvements, roundabouts, trail design, and preparation of construction plans; specifications, and estimates for a wide variety of clients, including the City and County of Denver, City of Aurora, Jefferson County, Clear Creek County, and CDOT. Angy has extensive knowledge of City and CDOT plan development production and standards. She has created and maintained strong working relationships with clients, staff, public stakeholders, and external agencies. Her recent Peaks to Plains Trail project, a joint venture between Clear Creek County and Jefferson County, was awarded the Honor Award for Outstanding Engineering Design and an Outstanding Graphic Award at the 2017 American Council of Engineering Companies of Colorado Engineering Awards Ceremony. Further details regarding our team's project experience can be found within the resumes on the following pages.



Andria Schmid

Commitment: (60%)

Andria Schmid, PE, will serve as the Technical Manager, and has over 10 years of experience, eight of which are with CDOT Region 3's Eagle Residency and CDOT Region 1's I-70 Mountain Corridor Program/Red Rock Residency (two with

Ulteig). Andria possesses a vast range of municipal and transportation experience including roadway design, construction administration, and project management. Andria has managed a variety of CDOT design and construction projects. She has experience with facilitating and presenting at city commission meetings, technical meetings and task forces, public meeting, online meetings featuring Q&A sessions with the public, as well as preparing technical presentations and information presentation to the public. Her experience comes from highly vocal, involved communities where involving stakeholders throughout the design and construction process was an important component for success.



Michael Campion

Commitment: (60%)

Michael Campion will serve as the Hydraulics Engineer, and has more than five years of design experience (one with Ulteig) of municipal, environmental, and transportation engineering experience, including municipal

design, landfill design and permitting, construction oversight, civil site design, stormwater management plan development, environmental documents, ADA compliance, and water supply and distribution. He has aided in surveying for design and construction purposes, has experience in construction inspection, and has handled project coordination to ensure projects are completed in a timely manner. In his previous role, Michael's work focused on civil design, landfill permitting and design, and stormwater management.



Sarah Beckman

Commitment: (25%)

Sarah Beckman, PE, will serve as the Structural Engineer, and has more than 11 years of project management experience and design experience (four with Ulteig). Her experience includes design and analysis of steel structures; rigid

bus modeling; design of mat, spread footing, drilled shaft, and pile foundations; civil site design; and stormwater management.



Laeken Stuglemeyer

Commitment: (100%)

Laeken Stuglemeyer will serve as the Design Engineer, and has one year of design experience and one year of construction inspection experience as an intern with Ulteig. Laeken has a variety of transportation experience, specifically

in construction inspection, including highway reconstruction, concrete and asphalt pavement inspection, and municipal construction inspection, including water and sanitary sewer installation and urban street reconstruction.

B. RESUMES OF KEY PERSONNEL



COMMITMENT: 100%

Education

BS Civil Engineering
Colorado School of Mines
Golden, CO

BS Economics
Colorado School of Mines
Golden, CO

Professional Registrations

CO#48329

Professional Associations

Women's Transportation
Seminar (WTS)

ANGY CASAMENTO, PE

Project Manager

Angy is a lead engineer in the Denver office with more than 10 years of experience, including the design of highways, streets, intersection improvements, roundabouts, trail design, and preparation of construction plans, specifications, and estimates for a wide variety of clients including Colorado Department of Transportation, Regional Transportation District, Jefferson County, Clear Creek County, Central Federal Lands, E-470 and City and County of Denver. Angy has created and maintained strong working relationships with clients, staff, public stakeholders, and external agencies.

PROJECT EXPERIENCE

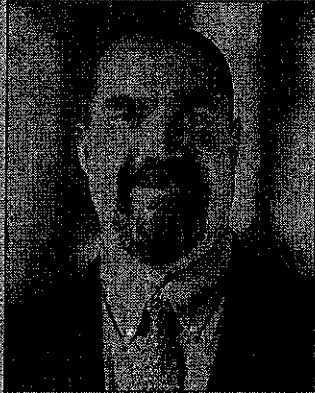
Project Design

- Perma-Zyne Project on 48th Ave West, 27th Ave East, 56th Street, and 13th Avenue East, Williston, ND
- CDOT Region 3, SH-50 Cerro Summit*
- CDOT Region 3, SH 92 Austin to Hotchkiss*
- CDOT Region 3, Redlands Phase 2*
- CDOT Region 5, US 550 to US 160 SEIS Alternative Analysis*
- CDOT Region 4, SH 7 from Estes Park to SH 72*
- CDOT Region 4, I-25 Widening Unit 5*
- CDOT Region 4, I-25 Reconstruction – North of SH 66 to North of SH 402*
- CDOT Region 2, SH 21 Powers Boulevard Auxiliary Lanes*
- CDOT Region 4, US 85 / SH 392 Intersection Weld County*
- CDOT Region 4, Phase II Safety, SH 7 South of Estes Park*
- CDOT Region 5, US 550 South Connection*
- CDOT Region 4, US 85 Resurfacing – O Street to Ault Phase 2*
- Central Federal Lands, Donner Pass Roadway Improvements, Truckee, CA*
- Clear Creek County/Jefferson County, Peaks to Plains Trail, Golden, CO*
- City of Aurora, Aurora Roundabouts, CO*
- Tennyson Street Roadway Reconstruction, 38th Ave to 44th Ave, City and County of Denver, CO*
- 56th Avenue, City and County of Denver, CO*
- 29th Avenue & Central Park Boulevard Intersection Improvements, City and County of Denver, CO*
- E-470 Public Highway Authority, Segment 1 Pavement Reconstruction I-25 to Cherry Creek*
- E-470 Public Highway Authority, Jewell Avenue Ramp Reconstruction*
- Regional Transportation District (RTD), North Metro Corridor Environmental Impact Study and Basic Engineering, Denver to Lafayette, CO*

Construction Administration/Construction Inspection

- Perma-Zyne Project on 48th Ave West, 27th Ave East, 56th Street, and 13th Avenue East, Williston, ND

*Completed with another firm



MIKE DORA, PE
Principal-in-Charge

Mike is the Market Director for Ulteig's civil/municipal/transportation practice. As an officer of the firm, Mike is responsible for allocating resources, ensuring quality deliverables, and adhering to all scheduled project milestones. He has more than 22 years of municipal engineering experience and client management. Mike has been actively involved in all aspects of CIP projects, including municipal street, roadway, water, and wastewater projects. Additionally, he has considerable experience on utility design and relocation improvements for roadway, street, and highway projects.

COMMITMENT: 5%

Education

MS Environmental Engineering
New Mexico State University
Las Cruces, NM

BS Civil Engineering
New Mexico State University
Las Cruces, NM

BS Biology
Yale University
New Haven, CT

Professional Registrations

CO#42478
ND#PE 8094
WY#11981
NE#E-14575
NM#15333 (inactive)
KS#22942 (inactive)

PROJECT EXPERIENCE

Transportation

- East Dakota Parkway, Williston, ND
- 11th Street & 26th Street Mill and Overlay, Williston, ND
- 16th Avenue Realignment, Williston, ND
- NDDOT Highway 2 Westbound from Ray to 13 Mile Corner, Williston, ND
- NDDOT 1804 Major Rehab or Reconstruct Jct ND 23 N&W to 16 mi E of Jct Tioga, New Town, ND
- NDDOT ND Hwy 85 Construction - PCN 20157
- McKenzie County - CR27 Rehab/Reconstruction, Watford City, ND
- NDDOT Stutsman Co. Grade Raise Construction, near Gackle, ND

Transportation Utility Design & Relocation

- Pecos Street Over I-70 Waterline, Denver, CO*

Municipal

City Engineer Services

- City of Hazen, ND
- City of Flasher, ND
- City of Elgin, ND
- City of Wilton, ND
- City of Riverdale, ND
- City of Mercer, ND
- City of Center, ND
- Village of Ruidoso Water and Sewer On-Call Services, Ruidoso, NM*
- 2008 Budget and 2009-2013 ICIP Review and Evaluation, Rio Rancho, NM*

Water & Wastewater

- High School Off-site Project Water Main, Sanitary Sewer, and Storm Sewer, Williston, ND
- 16th Avenue Realignment Project Storm Sewer, Water Main, and Sanitary Sewer, Williston, ND
- Rio Rancho Sanitary Sewer Collection System Master Plan and Model, Rio Rancho, NM*
- Cochiti Lake WWTP, Cochiti Lake, NM*
- Vado/Del Cerro Wastewater Collection and Treatment System, Dona Ana County, NM*
- Multiple Water System Improvements, Village of Ruidoso, NM*
- Industrial Park Water System Improvements, Bernalillo County, NM*
- Deer Valley WTP, Phoenix, AZ*

*Completed with another firm.





ANDRIA SCHMID, PE
 Technical Manager & Public Involvement

Andria works with the Civil team in Denver, CO and Williston, ND. She has more than 10 years of municipal, environmental, and transportation experience including roadway and municipal design, construction administration, and project management. She has managed over \$20 million in municipal design and construction projects in the past two years for the City of Williston including storm sewer, sanitary sewer, and water distribution systems, as well as concrete and asphalt street and alley reconstruction projects. Andria has worked on a variety of transportation projects including Colorado DOT and North Dakota DOT projects ranging from local roadway reconstruction projects to large toll facility and ITS projects. Much of her work included the design of horizontal alignments, grading, typical sections, and drainage; construction inspection, development of critical path schedules; preparing preliminary cost estimates and proposals; writing constructability reports; local and state agency coordination, context sensitive solutions processes involving wide range of stakeholders, and preparing and finalizing plan sheets. Andria also has experience with the NEPA process, including facilitating and presenting at public meetings, assisting with Environmental Assessments, and authoring Categorical Exclusions, SWPPP plans, and permitting with both the North Dakota Department of Health and City of Williston.

COMMITMENT: 60%

Education

BS Engineering- Civil Specialty
 Colorado School of Mines
 Golden, CO

Professional Registrations

CO#45441
 ND#PE 9889

Training

NHI Contract Administration
 Core Curriculum
 NDDOT NEPA Clear Writing
 NDDOT Project Management
 NDDOT Sediment and Erosion
 Control
 Context Sensitive Solutions
 Transportation Core
 Curriculum
 Design Work-Hour Estimation
 Advanced Roadway Modeling
 CPM Scheduling for Design
 and Construction
 Dispute Resolution Boards:
 Construction Projects
 Advanced Workzone
 Management and Design
 Construction Project
 Administration
 Powerful Choices for
 Managers and Supervisors
 Applied Roadway Design

PROJECT EXPERIENCE

Project Design/Project Management

- NDDOT 9th Avenue Mill and Overlay
- City of Williston East Dakota Parkway, Williston, ND
- City of Williston Citywide Concrete Reconstruction, Williston, ND
- City of Williston Street & Drainage Improvements, Williston, ND
- City of Williston Citywide Mill and Overlay, Williston, ND
- City of Williston Citywide Asphalt Alley Improvements, Williston, ND
- City of Williston Downtown Concrete Alley Reconstruction, Williston, ND
- NDDOT 2nd Avenue Mill and Overlay, Williston, ND
- NDDOT 11th Street Mill and Overlay, Williston, ND
- NDDOT 26th Street Mill and Overlay, Williston, ND
- City of Williston 16-Block Reconstruction, Williston, ND
- City of Williston - Public Improvements for New High School, Williston, ND
- City of Williston Street Improvements, Williston, ND
- McKenzie County Road 27, McKenzie County, ND
- 16th Avenue Realignment and Reconstruction, Williston, ND
- I-70 Eastbound Peak Period Shoulder Lane Project, Idaho Springs, CO*
- US 285 South Park Passing Lanes and Overlay, Fairplay, CO*
- SH 9 Hartsel South Overlay, Hartsel, CO*
- SH 9 Alma to Fairplay Bike Path, Fairplay, CO*
- I-70 Wolcott Park and Ride, Wolcott, CO*
- I-70 Guardrail Inventory, Eagle, CO*
- SH 24 Critical Culvert Repair, Red Cliff, CO*
- I-70 West Vail Pass Improvements, Vail, CO*
- I-70 Wildlife Fence in Eagle County, Avon, CO*
- I-70 Gypsum to Eagle Overlay, Eagle, CO*
- I-70 Edwards Interchange, Edwards, CO*
- SH 24 Battle Mountain Chip Seal, Minturn, CO*
- I-70 Truck Parking at Dotsero, Dotsero, CO*

*Completed with another firm



COMMITMENT: 60%

Education

BS Civil Engineering
North Dakota State University
Fargo, ND

Professional Registrations

ND#PE-10596

Professional Associations

ASCE, Bismarck-Mandan
Young Professionals Network

Certifications

Certified Hazardous Waste
Site Worker

Training

OSHA 40 Hour HAZWOPER
Training Course
Nuclear Density/Moisture
Gauge Radiation Safety
Training Course

MICHAEL CAMPION

Hydraulics

Michael is an Engineer in Ulteig's Williston office with more than five years of municipal, environmental, and transportation engineering experience including municipal design, landfill design and permitting, construction oversight, civil site design, storm water management plan development, environmental documents, ADA compliance, and water supply and distribution. He has aided in surveying for design and construction purposes, has experience in construction inspection, and has handled project coordination to ensure projects are completed in a timely manner. In his previous role, Michael's worked focused on civil design, landfill permitting and design, and storm water management. Michael excels in problem solving and creating innovative solutions that meet client needs and save time and resources. His ability to communicate effectively and meet deadlines makes him a valuable asset to each project.

PROJECT EXPERIENCE

Project Design/Project Management

- McKenzie Drive Reconstruction, Mandan, ND
- City-wide Concrete Reconstruction, Williston, ND
- East Dakota Parkway Reconstruction, Williston, ND
- NDDOT 11th Street Mill and Overlay, Williston, ND
- NDDOT 26th Street Mill and Overlay, Williston, ND
- 2016 Downtown Concrete Alley Reconstructions, Williston, ND
- Hawkeye Subdivision, Williston, ND*
- First International Bank and Trust, Bismarck, ND*
- N 19th Street Water Main Improvements, Bismarck, ND*
- Meadowlark Commercial Storm Water Master Plan, Bismarck, ND*
- Prairie Rose Estates, Berthold, ND*
- Stone West Village-Phase 2, Fargo, ND*
- Calvert Creek Apartments, Bismarck, ND*
- Verity Homes Office, Fargo, ND*

Storm Water Management

- Williams County, ND
- City of Bismarck, ND*
- City of Williston, ND*
- City of Mandan, ND*
- City of Minot, ND*
- Morton County, ND*

Landfill Permitting and Design

- City of Dickinson Landfill, ND*
- McKenzie County Landfill, ND*

Construction Administration/Construction Inspection

- Hunters Run Subdivision, City of Watford City, ND*
- Halliday Trailer Park Water and Sewer Main Installation, City of Halliday, ND*
- Prairie Rose Estates, Water and Sewer Main, Storm Water Infrastructure, and Road Paving, Berthold, ND*
- County Borrow Pit Reclamation, Clay County, MN
- McKenzie County Landfill, ND*
- City of Dickinson Landfill, ND*

*Completed with another firm.



SARAH BECKMAN, PE

Retaining Wall Design

Sarah is Ulteig's Technical Director of Transmission, Distribution, & Communications. She is responsible for leading a department, comprised of multiple teams of engineers and technicians who design high voltage transmission lines, overhead and underground distribution design, and design communication networks. These teams are located in multiple offices, and they do work across the United States. Her professional experience includes NERC upgrades, line ratings, analysis of wood and steel transmission line structures, design of new 69kV to 345kV transmission lines, remediation of existing transmission lines, and foundation design. Sarah's expertise lies in remediating aging facilities and extending the life of transmission lines. Sarah has also been a project and design engineer for high-voltage electrical substation projects. Her experience includes design and analysis of steel structures; rigid bus modeling; design of mat, spread footing, drilled shaft, and pile foundations; civil site design; and stormwater management.

COMMITMENT: 25%

Education

BS Civil & Environmental
Engineering
University of Missouri
Columbia, MO

Professional Registrations

CO#47372
PA#PE085202
MO#201-1015700
IN#PE11500146
NH#13613
VT#93307
TX#113827
CA#C82354
IL#062-066318

Training

Sales Excellence in Strategic/
Conceptual Selling – MHI Global
Maximizing Your Leadership
Potential – Center for Creative
Leadership
MDA Assessment – MDA
Leadership Consulting
PLS CADD Training

Publications

Remediating Aging Transmission
Lines – November 2013
Strengthening Your
Transmission System, IRWA –
November 2015
What if you Can't Build that New
Transmission Line, Intelligent
Utility Magazine – December
2015

PROJECT EXPERIENCE

- **Line 7302 Remediation – 345kV, Grand Junction, CO.** Engineer for design of steel inset structures on foundations in mountainous terrain to increase line capacity. Extensive helicopter work required, along with engineering efforts associated with permitting. Engineer for oversight of lattice tower extensions of existing structures and construction sequencing.
- **Line 9995 Remediation – 115 kV, Denver, CO.** Engineer for remediation a 115 kV transmission line with phase raisers on existing H-frame wood structures to increase line capacity. Design also included replacing wood h-frame structures with taller structures to remediate aging lines
- **Line 5787 Remediation – 230 kV, Denver, CO.** Engineer for a project that included design of three steel inset direct embed structures in mountainous, inaccessible terrain via helicopter. Design of one 3 pole guyed direct embed deadend structure and rock removal to increase line capacity.
- **Line 8026 Remediation – 115kV, Denver CO.** Engineer for design of emergency replacement wood braced line post structure to increase line capacity over a road. Engineer for design of distribution relocation of existing lines due to clearance encroachments of transmission lines. Design of wood braced line post structure to increase line capacity. Engineering also included meeting with homeowners to discuss the remediation options.
- **Line 8055 Blue River-Mill Remediation, Denver, CO.** Engineer for the Blue River-Mill Remediation project consisting of replacing two structures to increase line capacity. One structure was a wood H-frame tangent structure with a shield wire dead end. The other was a three-pole dead end structure. Both structures were in mountainous terrain.
- **Line 9547 Remediation – 115 kV, Denver, CO.** Engineer for the line 9547 remediation project that consisted of replacing one tangent wood single-pole structure with a single wood pole-braced line post tangent structure over a quad circuit distribution crossing to increase the capacity of the line.
- **Line 9714 Remediation– 115 kV, Denver, CO.** Engineer for the line 9714 remediation through Glenwood Canyon. The remediation consisted of replacing existing lattice dead end and tangent structures with steel poles and wood structures, as necessary, depending on helicopter and train access. There were several access difficulties, including railroad access, working in very mountainous terrain, and highway lane closures.



BRAD STANGOHR Retaining Wall Design

Brad has more than 30 years of experience and is responsible for all phases of a project, from concept through project closeout. Brad is an experienced project design and field engineer as well as a strong leader and project manager. His engineering skills include mechanical stabilized earth walls, hydraulic and structural bridge design and inspection, urban street and highway design, municipal water distribution and wastewater collection system design, and land development projects.

PROJECT EXPERIENCE

Retaining Walls

- NH 2001(11), Interstate 610, Harris County, TX*
- NH 2001(541), Interstate 610, Harris County, TX*
- NH 2001(315), Interstate 45, Montgomery County, TX*
- STP 99(204), US 83, Hidalgo County, TX*
- STP 201(312), US 90, Harris County, TX*

Roadway Design

- NDDOT Hwy 1804 — Marley Crossing to Montana Line, Marley, ND
- Minnehaha County Bridges, Baltic, SD
- County Road 1B, Union County, SD
- Burton Street Reconstruction, Sioux City, IA
- 221st Street, Moody County, SD *
- Minnehaha County Road 110*

County Road & Utility Improvements

- Minnehaha County, SD
- Miner County, SD
- Union County, SD
- Edmonds County, SD*
- Davison County, SD*
- Clay County, SD*
- Lincoln County, SD*
- Turner County, SD*
- McCook County, SD*

Bridge Design

- BRF 6418(09), 60 Feet, One-Span Double Tee Bridge, Miner County, SD
- BRO 8049(20), 65 Feet, One-Span Double Tee Bridge, Miner County, SD
- BRF 6211(09), Four-Barrel 10-by-8 foot Cast-in Place Concrete Box Culvert, Miner County SD
- SOIA-7-805(050)248, Four-Barrel 14-by-12 foot Concrete Box Culvert, Mountrail County, ND
- Str. No. 50-060-089, One-Span Double Tee Bridge, Minnehaha County, SD

Bridge Hydrology & Hydraulics

- BRF 6418(09), Rock Creek, Miner County, SD
- BRO 8049(20), Rock Creek, Miner County, SD
- BRF 6211(09), West Fork Vermillion River, Miner County, SD
- Str. No. 64-060-063, Brule Creek, Union County, SD
- BRO 8063(13), Vermillion River, Turner County, SD*
- BRF 6599(3), Fast Creek, Brown County, SD*

*Completed with another firm

COMMITMENT: 25%

Education

BS Civil Engineering
South Dakota State University
Brookings, SD

MS Civil Engineering

South Dakota State University
Brookings, SD

Professional Registrations

ND#6964
SD#5382
MN#41049
IA#14516

Certifications

SDDOT Bridge Inspector
NDDOT Asphalt Pavement
Inspector

Training

Drilled Shafts, NHI
Fracture Critical Bridge
Inspection, NHI
LRFD for Highway Bridge
Substructures, NHI
Non-Destructive Testing
Methods for Steel Bridges, NHI
Practical Highway Hydrology,
NHI
Safety Inspection of In-Service
Bridges, NHI
South Dakota Department of
Transportation Right-of-way
Acquisition



LAEKEN STUGELMEYER, EIT

Design

Laeken is a Graduate Engineer with a variety of transportation experience, specifically in construction inspection, including highway reconstruction, concrete and asphalt pavement inspection, and municipal construction inspection, including water and sanitary sewer installation and urban street reconstruction.

PROJECT EXPERIENCE

- Colorado Department of Transportation I-70 Wildlife Fence Construction Management and Inspection, Dotsero to Vail, CO
- NDDOT US Hwy 2 WB Concrete Overlay, Jct 85 to Ray, Williston, ND
- NDDOT US 85 Widening Project, McKenzie County, ND
- City of Williston 16 Block Reconstruction, Williston, ND
- City of Williston 44th Avenue Street Improvements, Williston, ND
- City of Williston 16th Avenue Realignment, Williston, ND
- City of Williston District 15-9 Mill and Overlay, Williston, ND

COMMITMENT: 100%

Education

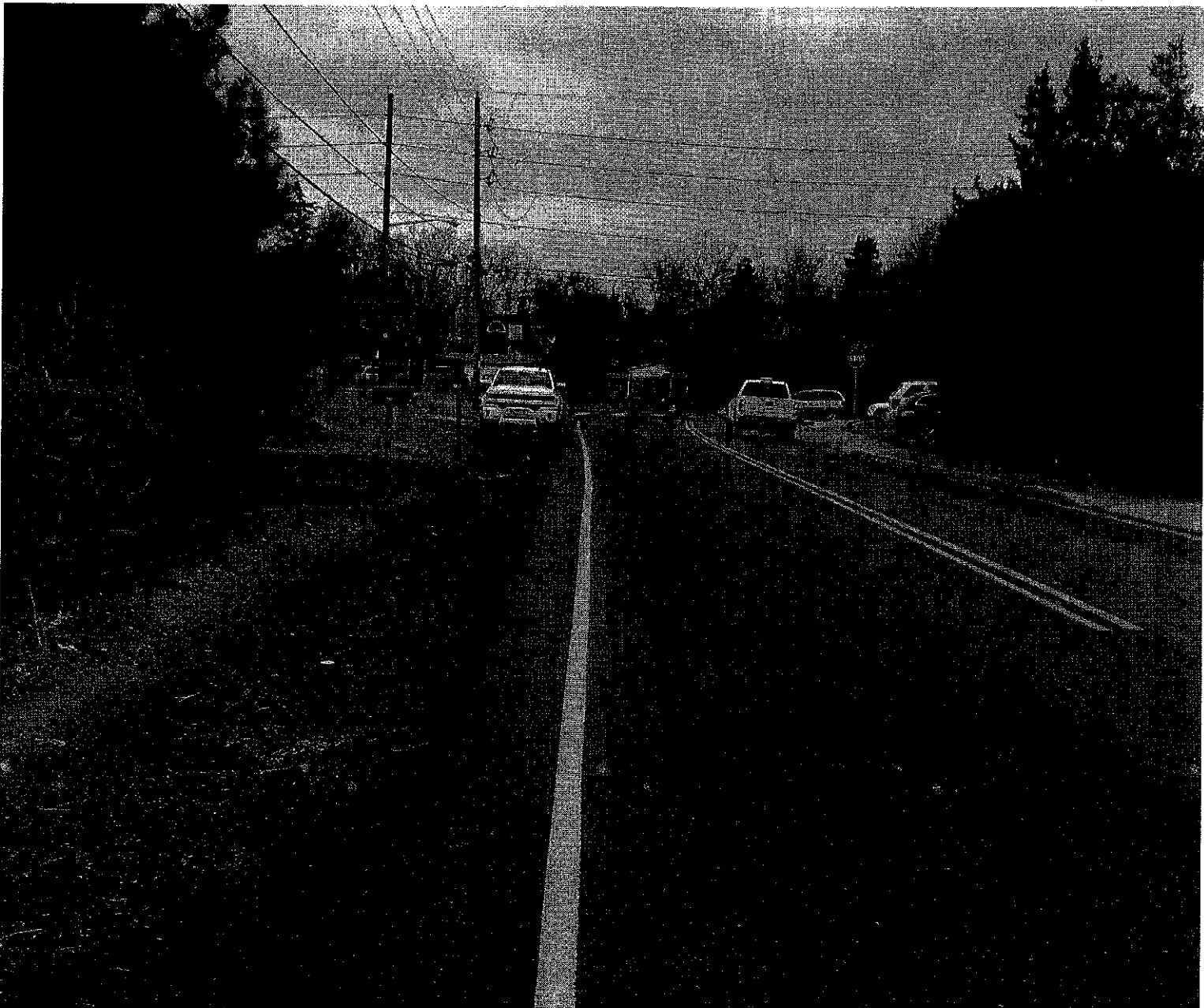
BS Civil Engineering
South Dakota School of Mines
and Technology
Rapid City, SD

Professional Associations

Society of Women Engineers
American Society of Civil
Engineers

Certifications

Grade I ACI Certified



Part III:
Design & Construction
Approach

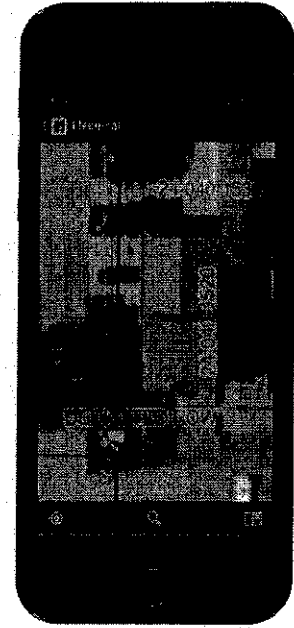
A. DESIGN PHILOSOPHY, APPROACH, & SPECIFIC AWARENESS OF ISSUES

The key to successfully designing sidewalk improvements and associated pedestrian facilities in the Berkeley neighborhood is communication. Communication will, first and foremost, extend beyond the County, utility companies, and the contractor to those impacted most: the public. The proposed project area is a mix of residential, community center, and school. Working and communicating with stakeholders becomes more than coordinating driveway access and temporary utility disconnects. As an experienced street and utility reconstruction consultant, our team understands the importance of coordinating construction activities with the public to reduce negative impacts as much as possible. This approach requires working closely with the contractor, the County, local organizations, and adjacent residents. It is imperative to personally know the community center and school and understand their needs and how their organizations operate. In order to achieve this, we will understand aspects of their operation from peak hours, to when they receive deliveries and when it is most essential that they have access and utilities. Our experienced design team has provided a complete design schedule that will provide Adams County with a final design by June, providing contractor's enough time to construct the project during the ideal construction period of 2017.

As soon as a contractor is awarded this project, a good rapport and communication plan between our team and the contractor will be established. This will create an environment benefiting the public and the County, facilitating the common objective of providing a quality project that stays on schedule and within budget while minimally impacting organizations and their patrons.

Our approach includes our team (County, utility companies, contractor, consultant) growing a relationship with Berkeley Residents and organization owners immediately; meeting each personally to understand what their needs are so those needs can be met to the fullest extent possible during construction operations. This will allow the contractor to plan their operations more readily with the phasing of the project. Our team's goal is to keep the public informed continuously; we want stakeholders to know this project is being administered with their best interest in mind.

In an effort to further reach patrons and residents of the Berkeley neighborhood, the Uiteig team will provide a GIS-driven online public communication map for real-time monitoring, coordination, and management of construction project activities. This innovative approach will utilize a centralized database and a user-friendly web-based mapping system to display construction status, impact areas, and detours as it applies throughout the construction phase of the project. The interactive web app will be available via computer, smart phone, or a tablet device to project managers, construction inspectors, County staff, and the general public.



After conducting a thorough site visit, Uiteig understands the critical issues involved with the Berkeley Sidewalk Project. Understanding these issues, such as the various obstacles located in the County's ROW like large trees, property fences, retaining walls, utilities, drainage structures, and established vegetation, will be a critical component of the design process. Additionally, many of the streets may require asphalt paving which will widen the typical section to formalize street parking and improve the appearance of each block while providing improved drainage. Our team will address these concerns by preparing careful design considerations and various layouts that will minimize project costs and public aversion to the preferred design.

B. MANAGEMENT APPROACH

Uiteig's management approach focuses on ensuring the overall success of the project by managing staffing needs to and addressing any concerns from Adams County. Our approach continuously revolves around the client and the project stakeholders and is integral to the success of our projects. Our management will ensure that our staff are providing deliverables on time and will be available to provide additional resources, if needed. Our team will focus on a collaborative communication between Adams County, stakeholders, and the project team to allow us to foster a positive relationship throughout the duration of the project.

C. CONSULTANT ORGANIZATION

Please see the org chart on the following page for our team's organization.

D. PROJECT SCHEDULING

Our experience design team has provided a complete design schedule that will provide Adams County with a final design by June, providing contractor's enough time to construct the project during the ideal construction period of 2017. Please see the schedule on page 22 for an outline of major project milestones and corresponding timelines.

E. PROJECT BUDGETING & ENGINEER'S COST ESTIMATE VS. BIDS

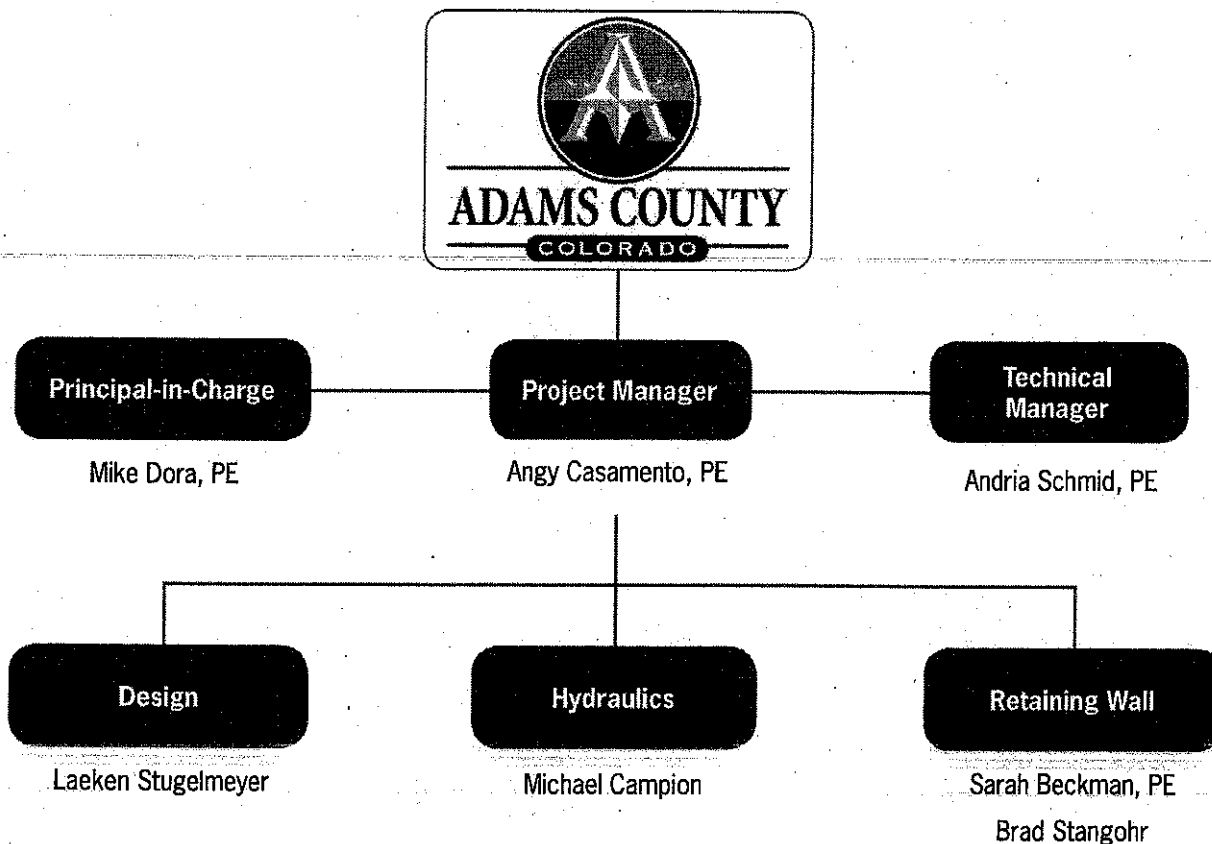
Historically, 98% of Ulteig's clients are repeat clients, a main contributor to that is our ability to consistently estimate project construction budgets accurately. Part of our success in estimating comes from more than 75 years of experience in the consulting industry which allows us the regional history to understand current market pricing conditions. A few examples that highlight our experience were projects completed in Williston, ND in 2016. These projects are particularly relevant due to the drastically fluctuating market in that region at that time, as a result of inconsistencies in the oil and gas industry. By accurately estimating project costs, Ulteig was able to maximize the use of construction dollars for the City of Williston, allowing them to complete more infrastructure improvements on a fixed budget. A few examples include:

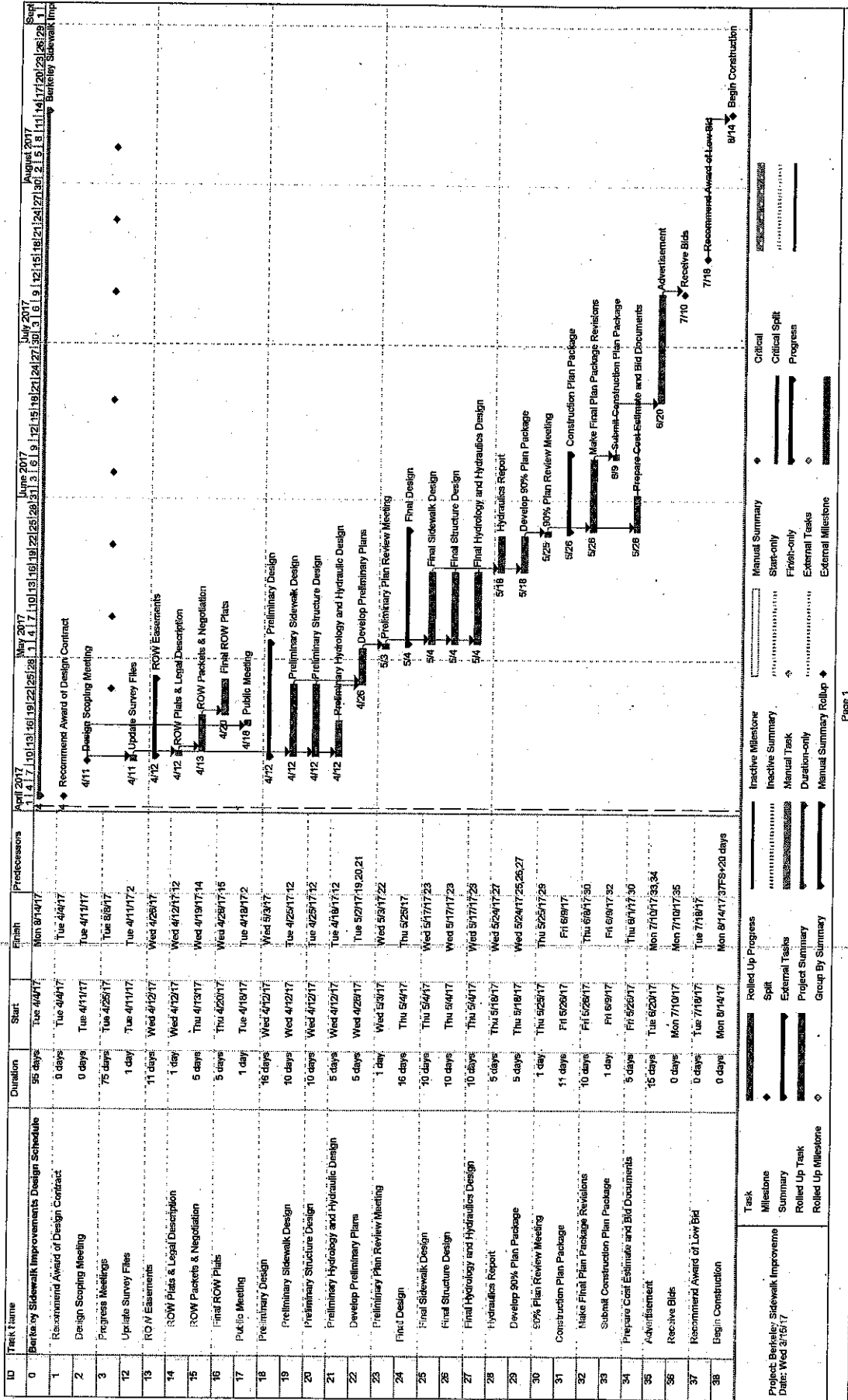
- District 16-6 City Wide Alley Replacement in Williston
 - Engineers Estimate - \$705,000
 - Low Bid - \$734,000.
- 2016 City Wide Concrete Reconstruction in Williston
 - Engineers Estimate - \$1,400,000
 - Average Bid - \$1,436,000
- District 16-5 Concrete Alleys in Williston
 - Engineers Estimate - \$360,000
 - Low Bid - \$363,000

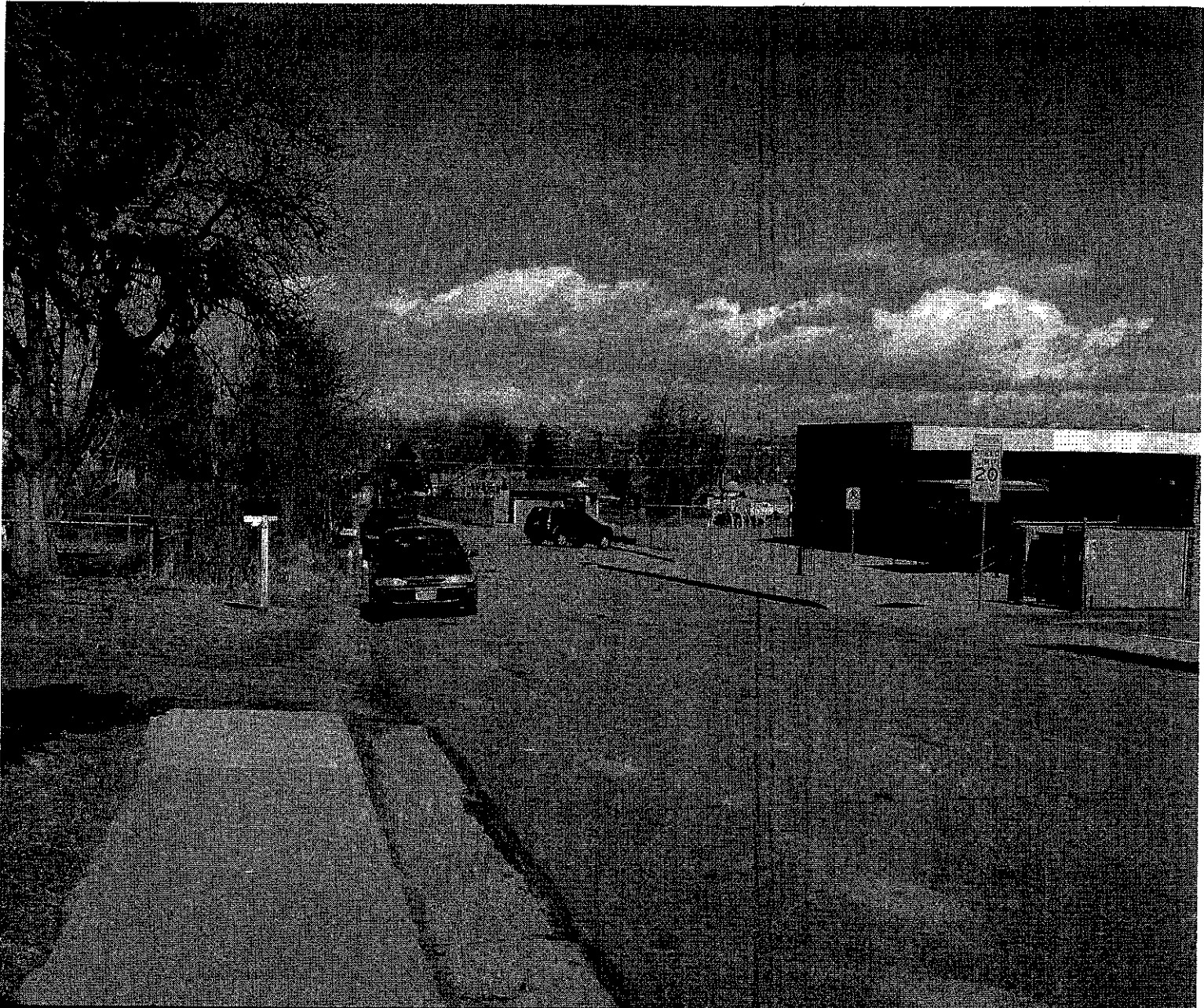
F. TECHNICAL EXPERTISE & QUALITY CONTROL SYSTEMS

Our team will work closely with the appropriate County personnel to evaluate and recommend process changes with a goal of improving cost efficiencies, performance, compliance, and improve quality control. Ulteig will use our team's prior experience with the development of Quality Management Processes to provide procedures that are both cost-effective and easily implemented. Our quality control plans often use available software to review documents electronically with a shared environment which allows multiple reviewers to work independently in real time. Ulteig will identify and implement the right process and create documentation, such as Quality Check Process Form, that can be implemented and signed and filed in the electronic files.

ORGANIZATIONAL CHART







\$

Part IV:
Hourly Billing Rates &
Cost of Services



We listen. We solve.™

2017 Hourly Rate Schedule for Adams County, CO Effective January 1, 2017

Engineer		Survey	
Graduate Engineer	\$110.00	Survey Technician Intern	\$73.00
Design Engineer	\$125.00	Survey Technician	\$85.00
Engineer	\$145.00	Lead Survey Technician	\$100.00
Lead Engineer	\$155.00	Senior Survey Technician	\$110.00
Senior Engineer	\$174.00	Land Surveyor-in-Training	\$115.00
Drafter & Technician		Land Surveyor	\$130.00
CADD Technician I	\$85.00	Lead Land Surveyor	\$135.00
CADD Technician II	\$95.00	Senior Land Surveyor	\$155.00
Engineering Technician	\$110.00	GIS	
Lead Engineering Technician	\$125.00	GIS Technician	\$96.00
Senior Engineering Technician	\$135.00	GIS Analyst	\$117.00
Project Management		Lead GIS Analyst	\$135.00
Project Coordinator	\$95.00	Senior GIS Analyst	\$149.00
Associate Project Manager	\$110.00	Right-of-Way	
Project Manager	\$135.00	Right-of-Way Specialist I	\$88.00
Lead Project Manager	\$155.00	Right-of-Way Specialist II	\$101.00
Senior Project Manager	\$171.00	Lead Right-of-Way Specialist	\$114.00
Project Controls	\$120.00	Senior Right-of-Way Specialist	\$140.00
Project Scheduler	\$135.00	Right-of-Way Manager	\$155.00
Program Manager	\$175.00	Other Classifications	
Senior Program Manager	\$185.00	Landscape Architect	\$109.00
Planning		Principal	\$200.00
Planner	\$100.00	Senior Consultant	\$200.00
Lead Planner	\$120.00	Staff Support	
Senior Planner	\$144.00	Clerical	\$50.00
		Staff Support	\$75.00

Reimbursable Expenses			
Subcontractors/Subconsultants	Cost plus 15%	Pipeline Locator	\$20.00/hour
Survey Vehicle	\$0.75/mile	GPS Rover (1 unit & controller)	\$28.00/hour
Car/Pickup	IRS Rate/mile	GPS Rover (2 units & controller)	\$49.00/hour
Snowmobile	\$166.00/day	Robotic Total Station	\$39.00/hour
All Terrain Vehicle	\$166.00/day	Scanning System	\$80.00/hour
Utility Vehicle	\$202.00/day	Staking:	
Meals (Per Diem)	\$60.00/day	Hubs	\$0.65/each
Travel and Other Misc. Out-of-Pocket	Cost	Lath	\$0.70/each
		Posts	\$5.00/each
		Rebar	\$1.50/each
		Rebar with Caps	\$2.00/each



**Cost of Services
Post Design Services Estimate
Adams County Berkeley Sidewalk Improvements**

PROJECT PHASES & TASKS

ULTEIG ENGINEERS - STAFFING AND ESTIMATED HOURS

Phase	Task Name	Hourly Rate	Quality Manager	Principal-in-Charge	Senior Civil Engineer	Senior Project Manager	Senior Hydraulics Engineer	CADD Technician	CADD Technician	Admin Assistant	Total hours	Cost
6.0	BID PHASE		\$135	\$170	\$170	\$155	\$145	\$135	\$85	\$75		
6.01	Pre-Bid Conference			2		2					4	\$650
6.02	IFB Questions, Corrections, & Addendum					2					2	\$310
6.03	Bid & Qualification Review			2		4					6	\$960
6.04	IFC Construction Documents					4				2	6	\$770
	Subtotals		0	4	0	12	0	0	0	2	18	\$2,680
7.0	CONSTRUCTION PHASE											
7.01	Pre-Construction Meetings			2		4					6	\$960
7.02	Field Observations (3 Site Visits)					12					12	\$1,860
7.03	Submittals Support			2		4					6	\$960
7.04	RFI Support				2	4	2				8	\$1,250
7.05	As-Built Document Periodic Updates					4		8	8		20	\$2,380
7.06	Incorporate Contractor's As-Built Documentation					4		8	8		20	\$2,380
	Subtotals		0	4	2	32	2	16	16	0	62	\$7,730
8.0	CLOSOUT PHASE											
8.01	As-Constructed Project Walk-Through					4					4	\$620
8.02	Project Deliverables Package		2	2		4		4	4		16	\$2,110
	Subtotals		2	2	0	8	0	4	4	0	20	\$2,730
	Project Labor Totals		2	10	2	52	2	20	20	2	110	\$15,410
Phase	Sub-Consultant Name		Task		Sub-Consultant Fee							
	Sub-Consultant Totals											\$0.00
	Reimbursable Expenses - Estimated		QUANTITY	UNIT RATE	TOTAL							
	Accommodations		0	\$80	\$0.00							\$0.00
	Mileage (\$0.49/mile)		100	\$0.49	\$49.00							\$49.00
	Per Diem		3	\$60	\$180.00							\$180.00
	Robotic Total Station		0	\$39	\$0.00							\$0.00
	GPS (Rover Only)		0	\$28	\$0.00							\$0.00
	GPS (Base and Rover)		0	\$49	\$0.00							\$0.00
	Stakes/Misc		0	\$0.95	\$0.00							\$0.00
	Reimbursable Expenses Totals				\$229							
Total Fee Estimate - Design Engineering:											\$15,439	



Part V:
Submission Checklist
Items



REFERENCES

Peter Lombardi

Colorado Department of Transportation
Project Manager, Region 3
714 Grand Avenue
Eagle, CO 81631
970.328.9962

Bob Hanson, PE

City of Williston, ND
City Engineer
22 E Broadway
Williston, ND 58802
701.577.6368

CONTRACTOR'S CERTIFICATION OF COMPLIANCE

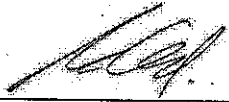
Pursuant to Colorado Revised Statute, § 8-17.5-101, *et. seq.*, as amended 5/13/08, as a prerequisite to entering into a contract for services with Adams County, Colorado, the undersigned Contractor hereby certifies that at the time of this certification, Contractor does not knowingly employ or contract with an illegal alien who will perform work under the attached contract for services and that the Contractor will participate in the E-Verify Program or Department program, as those terms are defined in C.R.S. § 8-17.5-101, *et. seq.* in order to confirm the employment eligibility of all employees who are newly hired for employment to perform work under the attached contract for services.

CONTRACTOR:

Ulteig Engineers, Inc.
Company Name

3/20/17
Date

Michael A. Dora
Name (Print or Type)


Signature

Market Director
Title

Note: Registration for the E-Verify Program can be completed at: <https://www.vis-dhs.com/employerregistration>. It is recommended that employers review the sample "memorandum of understanding" available at the website prior to registering



Finance Department
4430 South Adams County Parkway
Brighton, CO 80601
PHONE 720.523.6055 FAX 720.523.6058

VENDOR INFORMATION FORM

All suppliers must complete and return this form as well as a W-9
(Payments & New Vendor #'s will not be processed without a completed W-9)

PLEASE PRINT OR TYPE ALL INFORMATION

Enter the name of Adams County employee and/or Department/Elected Office requesting this form be completed.

Liz Estrada

Contract Administrator

Employee Name

Department/Elected Office

Company Name (Please include dba name, if applicable.)

Ulteig Engineers, Inc.

Company Name

DBA Name (if applicable)

Does this company function solely as a manufacturer rep or distributor? YES NO

If YES, is invoice payment sent to your remit-to address or the manufacturer?

If Remit-to, please attach or forward a list of the companies with their corresponding remit-to address.

Does this company have more than one location with the same Federal Tax ID number that Adams County also conducts transactions with? YES NO

If YES, please copy and complete this form for each location.

Remit-To Information (*Invoice Payment*):

Ulteig Engineers, Inc.

Company Name

3350 38th Avenue S

Address

Fargo

City

ND

State

701.280.8500

Phone Number

Address 2

Cass

County

58104

Zip Code

888.858.3440

Fax Number

Address for Purchase Orders/Contracts (*If different from above.*)

Address

City

State

Phone Number

Address 2

County

Zip Code

Fax Number

Phone Number for Quotes or Placing Orders and Fax Number to send a Purchase Order or a Request for Quote

720.873.5892

888.858.3440

Phone Number

Fax Number

Company Information

www.ulteig.com

angy.casamento@ulteig.com

Web Address

Company Email Address

E-Mail Address for Purchasing Orders or Request for Quotes (if different from above)

Company Email Address

Contact Information

Angy Casamento

Project Manager

Contact Name

Position/Title

720.873.5892

888.858.3440

Contact Phone Number

Contact Fax Number

angy.casamento@ulteig.com

Contact Email Address (if different than above)

BUSINESS CLASSIFICATION – Please check all that apply and attach supporting documents for these business classifications:

- Small Business
- Disadvantaged
- Woman Owned
- Hub-Zone
- Business is 51% owned by physically disabled individual(s)
- Veteran Owned
- Vietnam Veteran
- Service Disabled Veteran

ETHNICITY OF BUSINESS – Please check where applicable

- Black American
- Hispanic American
- Asian Pacific American
- Subcontinent Asian American
- Native American
- Caucasian
- Other _____

CONFLICT OF INTEREST

Does this company employ any Adams County employees or their immediate family members? YES NO

If YES, please explain

Does this company have any financial interests with an Adams County employee? YES NO

If YES, please explain

Thank you!

