

PURCHASE OF SERVICE AGREEMENT

THIS AGREEMENT ("Agreement") is made this 18th day of December, 2016, 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 Martin/Martin, Inc., located at 12499 West Colfax Avenue, Lakewood, CO 80215, 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 Scope of work 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 be through December 31, 2017.
- 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 payment for those services a not to exceed amount of fifty- thousand dollars (\$50,000.00). Payment will be based on a time and material hourly rates listed on page 10 of the proposal.

- 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. STANDARD OF CARE:

9.1. The Contractor will perform its services in accordance with the applicable engineering "Standard of Care," which is defined as the provision of professional services in a manner consistent with that degree of care and skill ordinarily exercised by members of the engineering profession currently practicing under comparable circumstances, time frame and locality ("Standard of Care").

10. TERMINATION:

- 10.1. 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.
- 10.2. 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.

11. MUTUAL UNDERSTANDINGS:

- 11.1. 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.
- 11.2. 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).
- 11.3. 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.
- 11.4. 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.
- 11.5. 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.

11.6. 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.

11.7. 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.

11.8. 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 Facility Operations Contact: Sean Braden
Address: 4430 South Adams County Parkway
City, State, Zip: Brighton, Colorado 80601
Phone: 720.523.6003
E-mail: sbraden@adcogov.org

Department: Adams County Purchasing
Contact: Jennifer Tierney
Address: 4430 South Adams County Parkway
City, State, Zip: Brighton, Colorado 80601
Phone: 720.523.6049
E-mail: jtierney@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: Martin/ Martin Inc.
Contact: Patricia Sullivan, PE
Address: 12499 West Colfax Avenue
City, State, Zip: Lakewood, CO 80215
Phone: 303.431.6100 x343
E-mail: psullivan@martin martin.com

11.9. 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.

11.10. 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.

- 11.11. 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.
- 11.12. 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.

12. CHANGE ORDERS OR EXTENSIONS:

- 12.1. 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 Invitation to Bid, or, if no provision exists, pursuant to the terms of the Change Order.
- 12.2. Extensions: The County may, upon mutual written agreement by the parties, extend the time of completion of services to be performed by the Contractor.

13. 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:

- 13.1. 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.
- 13.2. The Contractor shall not knowingly employ or contract with an illegal alien to perform work under this public contract for services.
- 13.3. 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.
- 13.4. 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.
- 13.5. 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.

- 13.6. 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.
- 13.7. 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).
- 13.8. 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

Todd Leopold _____ Date 12/15/16

~~Martin and Martin~~ Martin/Martin, Inc.

Patricia J. Sullivan _____ Date 12.9.16

PATRICIA J. SULLIVAN _____ Title ASSOCIATE

Attest:

Stan Martin, Clerk and Recorder _____
Channah
Deputy Clerk

Approved as to Form: _____
[Signature]
Adams County Attorney's Office

NOTARIZATION OF CONTRACTOR'S SIGNATURE:

COUNTY OF Jefferson

STATE OF Colorado)SS.

Signed and sworn to before me this 9th day of December, 2016,

by Patricia J. Sullivan

J. Codler
Notary Public

JESSICA LYNN CODER
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20154019528
MY COMMISSION EXPIRES 05/18/2019

My commission expires on: 05 / 18 / 2019

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:

MARTIN/MARTIN, INC.
Company Name

12-9-16
Date

Patricia J. Sullivan
Signature

PATRICIA J. SULLIVAN
Name (Print or Type)

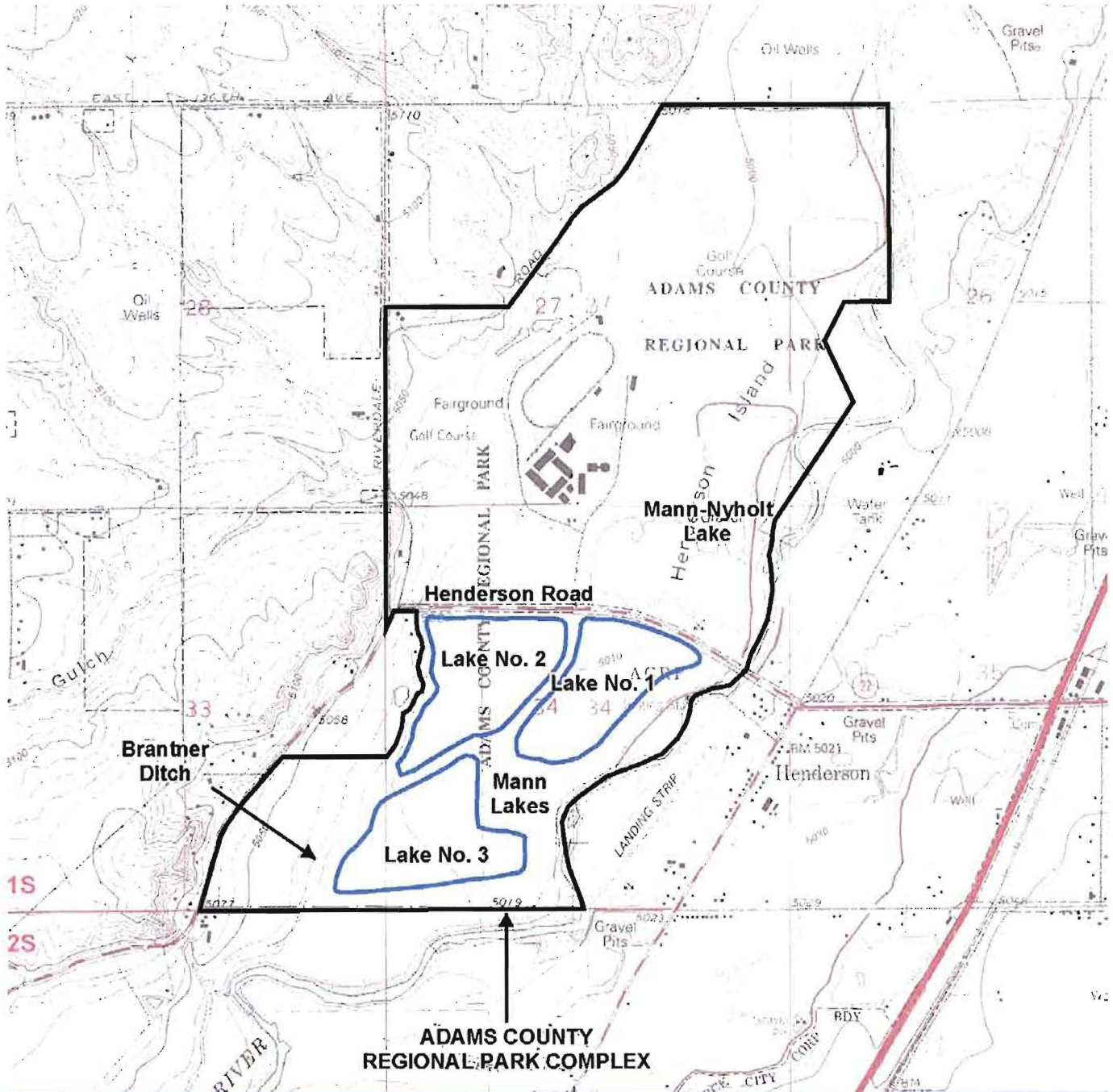
ASSOCIATE
Title

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

Exhibit A

PROPOSAL | OCTOBER 3, 2016

ADAMS COUNTY REGIONAL PARK UTILITY PLAN



Submitted To:
Adams County
4430 South Adams County Parkway, Ste. 1700
Brighton, CO 80601

 **MARTIN/MARTIN**
CONSULTING ENGINEERS



October 3, 2016

Mr. Sean Braden
Adams County Facility Planning & Operations
4430 South Adams County Parkway, Suite 1700
Brighton, Colorado 80601

RE: STATEMENT OF QUALIFICATIONS AND PROPOSAL
UTILITY PLAN SURVEY AND ENGINEERING SERVICES

Dear Mr. Braden,

Martin/Martin, Inc. is pleased to submit our proposal for civil survey and engineering services to provide a cohesive and comprehensive Utility Plan for the Regional Park to Adams County. The enclosed material demonstrates our team's ability to meet the requirements of the RFP and creatively assist the County in meeting the goals of the utility infrastructure inventory. In addition, this will provide a seamless transition to our work on the Regional Park Master Plan and Animal Shelter. As such, we have included a "credit" for the data gathering effort assuming the Master Plan moves forward.

The attached approach offers several options in an attempt to maximize the "bang for the buck" to the County for the initial award. We are available to discuss these options in further detail including presenting examples of other site inventories and GIS systems that we have prepared for numerous clients.

We have proven our exemplary service to our public clients time and again, having served over 25 local governments and 30 special districts in and surrounding Adams County, some of which are new and many of which we have served for decades.

Please review this proposal for more information regarding our team's qualifications and capabilities with respect to the proposed work. All Survey and Engineering services will be performed with our internal staff. Our staff is available to begin work immediately. If you have any questions regarding the proposal, please contact me at 303-431-6100 x343, or via e-mail at psullivan@martinmartin.com.

Respectfully,

A handwritten signature in black ink that reads 'Patricia Sullivan'.

Patricia Sullivan, PE
Associate



JUSTIN V. MEEKS, EIT

ENGINEER II, CIVIL ENGINEERING

Justin has four years of experience with the planning, evaluation, design, and construction of sanitary sewer interceptors, lift stations, treatment facilities, and water distribution network systems. He has a thorough understanding of planning, assessment, design, and construction of water and wastewater systems.

Select Project Experience

Grant Water and Sanitation District | Littleton, CO

The District had CAD drawings for their site, but no maps. Justin translated the drawings to the correct geographical location and used the new drawings to build GIS maps.

Southwest Suburban Water and Sanitation District | Littleton, CO

The District had hard copy as-built drawings for their site, but no maps. Justin digitized the drawings in the correct geographical location and created GIS maps of the District utilities.

Fruitdale Sanitation District Master Plan Study | Wheat Ridge, CO

The purpose of this study was to evaluate the existing sanitary sewer collection system capacity and its ability to accommodate additional development. In conjunction with the survey team, Justin worked to develop a GIS map of the District's major sanitary sewer trunk lines to be used in a hydraulic model of the collection system.

South Adams County Water and Sanitation District | Adams County, CO

This study utilized GIS mapping previously developed by Martin/Martin in conjunction with SACWSD. Justin used the GIS-based map to create a hydraulic model for the 18,000 acre site.

Buckley Air Force Base | Aurora, CO

Completed a water distribution network master plan for the base's mixed-use (potable water and fire service) distribution system. The system is supplied water by a municipal potable water distribution system and serves approximately 170 buildings on a large military base. This master plan included creating maps of the Base water distribution system through survey and field investigation to determine pipe/valve size, material, and location.

Panorama Park Sanitary Master Plan Southgate | Centennial, CO

The study included complete field survey to horizontally and vertically locate basin manholes and create a GEO Database to use in their overall GIS mapping. GIS mapping exhibits were provided along with survey data.

EDUCATION

MS, Civil Engineering, University of South Florida, 2012

BS, Civil Engineering, Gonzaga University, 2008

AFFILIATIONS

American Water Works Association

UTILITY PLAN

The purpose of the Utility Plan project is to establish an As-Built Condition for all infrastructure to provide a cohesive and comprehensive understanding of the facilities throughout the park. Due to limited initial funding, creative thinking and prioritization of this effort is paramount. Compiling infrastructure data can be accomplished in various ways:

- Option 1: Compile existing data along with new utility survey for the “Core Area” in an AutoCAD file
- Option 2: Compile existing data along with new utility survey for the “Core Area” in a GIS file
- Option 3: Compile existing data along with new utility survey for the full park area (550 acres) in an AutoCAD file
- Option 4: Compile existing data along with new utility survey for the full park area (550 acres) in a GIS file

Option	Existing Hard Copy Data	Existing Survey Pieces	New Survey Core Area	New Survey Balance of Park (1)	AutoCAD	GIS
1	▪	▪	▪		▪	
2	▪	▪	▪	▪		▪
3	▪	▪	▪		▪	
4	▪	▪	▪	▪		▪

Notes: (1) Balance of Park excludes golf areas

Communication

We believe that the most important aspect to providing a successful initial phase is communication and a clear understanding of the County’s point of view and objectives. Martin/Martin places a great deal of emphasis on the early stage of scoping the work in order to meet project expectations and provide a quality and cost effective project. A few elements to consider are:

- Vision of the “Big Picture”
- Usability of plan by the County
- Usability of plan for the current Master Plan and future projects
- Flexibility to include various types of data
- Ability to access data
- Expandability for future needs

Inherent to a functional infrastructure plan is the importance of capitalizing on opportunities such as:

- Coordination and integration with on-going projects
- Utilizing existing reports/studies
- Phasing of effort to accommodate timing and funding constraints
- Personnel involvement – providing an opportunity to capture all available knowledge and desires

Martin/Martin has specific relevant expertise, including:

- Project research and information gathering
- Coordination/interviews with facilities personnel
- Survey
- GIS mapping
- GIS system development and maintenance
- Utility studies
- Easements
- System operations and maintenance
- Alternatives evaluation and identification of prioritized phased improvements
- Stakeholder/jurisdictional coordination
- Public presentations and more

Potential Capabilities of GIS System

- Database maintains pipes, structures, valves, inverts, tap locations, fire hydrant locations, isolation valves, pressure reducing valves, etc.
- Simple by design using tab-box data input-selection
- Provides ability to report listings of line types, sizes, manholes, data constructed, etc.
- Mapping can graphically depict, by color code, pipe size or reportable maintenance information (e.g., televising, cleaning, jetting, root removal)
- Provides method of identifying specific line segments graphically to assist with field locating by maintenance personnel
- Field use for maintenance records and system updates via laptop computer
- Allows for interpretation and visualization of data in the form of maps, reports, etc. to reveal relationships and trends and facilitate pipe system maintenance
- Integral maintenance and scheduling capability

The following is a brief approach to implement the GIS program for the County.

CONDUCT A NEEDS ANALYSIS

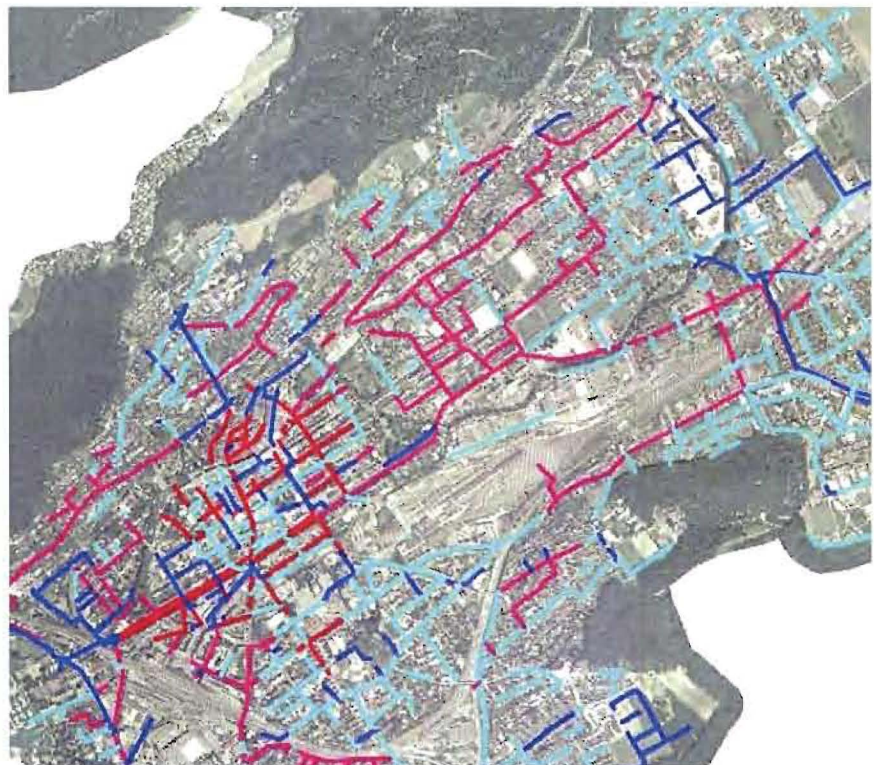
This will include initial interviews with existing staff to determine County needs and understand what your GIS system will need to accomplish. This will include fields and data known today as well as flexibility to expand for future needs. Communication and understanding are key to our project approach. In addition, based on our extensive experience with numerous Districts, we bring insights to facilitate maximum utilization of a GIS system incorporating immediate needs and possible future needs. We will also explore ways in which data can be efficiently shared. While it may not be utilized for utility data, we assume the County utilizes a GIS system in house and will be considered in developing the Utility Plan. In the event that additional software is required, any purchase fees are in addition to the fees stated herein and are assumed to be paid for by the County directly.

DATA INTEGRATION

Integration of existing data from available data sources with the new survey data into ArcGIS. Depending on the type and amount of data available, the fee can vary. Effort is envisioned to be greater than if data was brought into AutoCAD due to additional fields in ArcGIS and the ability to carry more detailed data.

PRODUCT

At the completion, the County will have the utility data within a GIS system



PRICING PROPOSAL

Option 1: Existing Data + Core Area Utility Survey in AutoCAD

DATA COLLECTION AND REVIEW

Review Existing Data (hard copy and survey)	\$1,200-\$3,400(1)
Interviews with Staff	\$1,800

SURVEY

Field Survey (including Utility Locates) for Core Area	\$18,500
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DATA INTEGRATION

Integrate Existing Data with New Survey Data in AutoCAD	\$3,500-\$5,500
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DELIVERABLES

Graphics of Compiled Infrastructure	\$2,500-\$3,500
Detailed Report of Data and Sources	\$1,800
Electronic Files (AutoCAD or GIS)	N/A
Summary of Next Steps/Future Phases	\$2,600

TOTAL FEE.....\$30,900-\$37,100

Option 2: Existing Data + Core Area Utility Survey in GIS

DATA COLLECTION AND REVIEW

Review and Integrate Existing Data	\$1,200-\$3,400(1)
Interviews with Staff	\$1,800

SURVEY

Field Survey (including Utility Locates) for Core Area	\$18,500
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GEOGRAPHIC INFORMATION SYSTEM (GIS)**

Needs Assessment, Database Planning	\$2,200
Database Construction- New Survey Data	\$1,600
Database Construction- Existing Data	\$3,500-\$7,500
GIS Use and Maintenance/Basic Training of Staff	\$800

**GIS fees do not include purchase of GIS software

DELIVERABLES

Graphics of Compiled Infrastructure	\$2,500-\$3,500
Detailed Report of Data and Sources	\$1,800
Electronic Files (AutoCAD or GIS)	N/A
Summary of Next Steps/Future Phases	\$2,600

TOTAL FEE.....\$35,500-\$43,700

HOURLY RATES

Personnel Services

Principal	\$180.00
Associate*	\$155.00
Sr. Project Engineer	\$145.00
Project Engineer.....	\$125.00
Professional Engineer*	\$115.00
Engineer EIT II*	\$105.00
Engineer EIT I	\$95.00
Sr. Designer	\$125.00
Designer	\$105.00
Investigative Tech II.....	\$115.00
Sr. CAD Operator/CAD Tech	\$95.00
Project CAD Operator/CAD II*	\$90.00
CAD Operator/CAD I	\$80.00
Administrative.....	\$65.00
Engineer Intern	\$60.00
Survey Manager*	\$155.00
Survey Crew (2-man)*	\$180.00
Survey Crew (1-man)	\$125.00
Professional Land Surveyor*	\$115.00
Survey Tech I	\$80.00
Construction Services Rep	\$100.00

These rates are subject to change at the beginning of each year.

*Indicates personnel most likely to be utilized on this project.

Martin/Martin will not be utilizing subconsultants on this project.

FIRM OVERVIEW

Martin/Martin, Inc. is a full service civil and structural consulting engineering firm that has been providing engineering services to local governments since our establishment in 1988. Martin/Martin's professional credentials are extensive. Our engineers can demonstrate significant experience in site inventory, due diligence, utilities assessments, utility improvement design, water/wastewater systems design, survey and GIS mapping with integrated maintenance. Because of our background in civil engineering design services, Martin/Martin is able to offer more than traditional conversion services. We understand the data we are dealing with and the applications our clients want and need. From topological data capture to conversion services, geodatabase creation and application design, Martin/Martin offers exceptional GIS mapping services to meet the needs of our clients.

Martin/Martin has completed 100+ projects for and within Adams County, assembling and quantifying data in a manner that informs the County of existing system considerations while establishing a guide for future development. Through decades of partnerships with municipal clients, our engineers are familiar with developing plans and designs that effectively combine the values of the County with the needs and expectations of varying stakeholder groups.



Berkeley Water and Sanitation District

Adams County Projects

Berkeley Water and Sanitation District | Adams County, CO

Clear Creek Valley Park | Adams County, CO

Hidden Lake Park | Adams County, CO

Mayeda Park | Brighton, CO

Pioneer Park | Commerce City, CO

Carl Park Complex | Adams County, CO

Northern Lights Little League Complex | Thornton, CO

Northglenn Recreation Center | Northglenn, CO

Prairie Gateway Sports Complex | Commerce City, CO

Shea Reunion Recreation Center | Commerce City, CO

Brighton Roadway Improvements | Brighton, CO

Adams County Justice Center | Brighton, CO

Adams County District Attorney's Office | Brighton, CO

Adams County Detention Facility | Brighton, CO

Adams County Sheriff's and Coroner's Headquarters | Brighton, CO

Commerce City Department of Public Works Municipal Services Center | Commerce City, CO

BRIGHTON WASTEWATER MASTER PLAN | BRIGHTON, CO

Martin/Martin is working for the City of Brighton to develop a Master Plan of their existing wastewater collection and treatment system. The Master Plan includes a hydraulic modeling analysis of approximately 181,000 LF of 12- to 36-inch sanitary sewer mains, assessment of existing collection and treatment infrastructure for projecting capital improvements, and consideration of the effect on the wastewater collection and treatment system of agreements with the Metro Wastewater Reclamation District (Metro) relating to sending flow to their North Treatment Plant. The hydraulic modeling analysis uses flow monitoring data over several months to model existing wastewater flows and the influence of infiltration/inflow on the wastewater collection system. Future wastewater flows are projected in conjunction with the City's Comprehensive Plan, Drinking Water Master Plan, and other current planning documents.

The hydraulic model will be analyzed to identify areas where increased wastewater flow capacity will be needed. The hydraulic model has been developed using the City's GIS data. Martin/Martin worked with the City's personnel to verify that all large-capacity elements of the wastewater system are currently mapped in GIS and are up to date, and any missing infrastructure information (i.e., pipelines, manholes, pumps, etc.) is updated in the GIS.

CLEAR CREEK VALLEY WATER AND SANITATION DISTRICT | ARVADA, CO

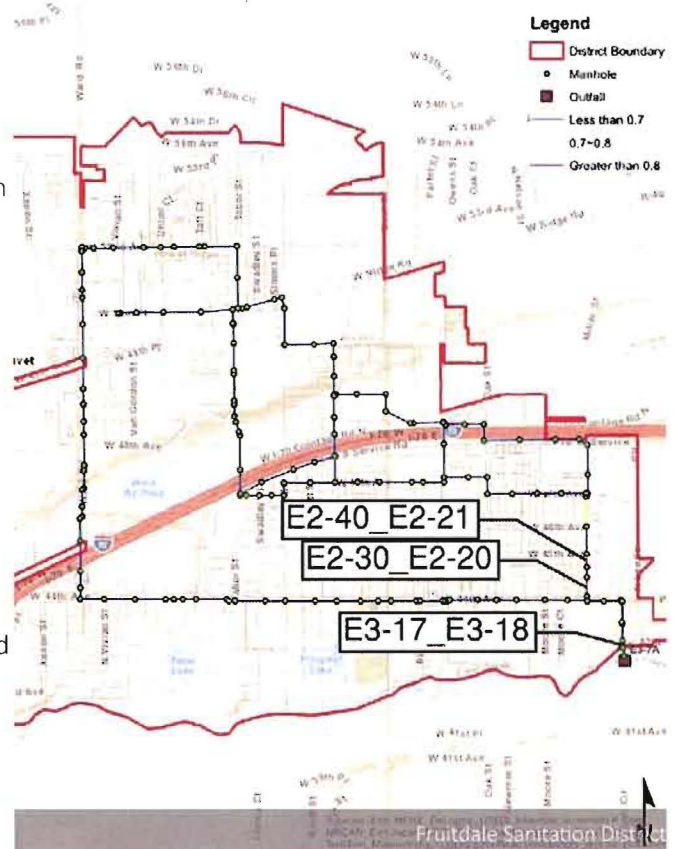
Martin/Martin provided permit/design reviews, system analysis and capital improvements design, GIS with integral maintenance program, annual prioritized improvements, and master planning services for Clear Creek Valley Water and Sanitation District. Martin/Martin had received as-built drawings for the District, but no CAD drawings had been developed. Martin/Martin was able to take the existing hard copy drawings and digitize them in order to build a GIS map for the District.

EAST JEFFERSON COUNTY SANITATION DISTRICT | WHEAT RIDGE, CO

Civil engineering services included GIS mapping, sanitary master planning, operations and maintenance coordination, contract documents, construction administration, and agency coordination. Martin/Martin was able to translate existing CAD drawings in order to develop GIS maps for the District. As-bults were included as attributes, including rim elevations, invert elevations, pipe sizes, pipe materials, and slopes.

FRUITDALE SANITATION DISTRICT | WHEAT RIDGE, CO

Martin/Martin was retained by the Fruitdale Sanitation District to complete a Master Plan Study of the District's sanitary sewer collection system. The purpose of this study was to evaluate the existing collection system capacity and its ability to accommodate additional development. Sanitary sewer hydraulic modeling software, InfoSewer integrated through ArcGIS, was used to complete a dynamic model for the study. Hydraulic modeling was accomplished using the County GIS database, field survey information of manholes, software analysis, and calibration using metered flow monitoring and rainfall data. Estimation of tributary flow



EQUIPMENT LIST

The Martin/Martin surveying team offers a balanced combination of skills and experience. They have participated in a wide range of projects and have demonstrated abilities in control monumentation, ownership research, right-of-way research, topographic surveying, drainage surveying, InRoads/3D Models, CAD capabilities, and project management. Project experience includes topographic surveying, utility locations, legal descriptions, ALTA surveys, construction staking, easements, right-of-way research, route surveying, preparation of land descriptions, preliminary and final design, and construction services.

Surveying Services

- ALTA Surveys
- Boundary Surveys
- Section Breakdowns
- Horizontal and Vertical Control Surveys
- Right-of-way Research
- Ownership Maps
- GIS Mapping
- Design Surveys
- Route Surveys
- Aerial Mapping Control
- Construction Staking
- Legal Descriptions
- Plats
- Topographic Surveys
- Investigative Surveys
- Condominium Mapping
- Utility Locations
- Flood Zone Cross Sections
- Surveying for LOMR / CLOMR

Survey Equipment

- 4 Trimble R10 Receivers
- 3 Trimble R8 Receivers
- 2 Trimble TrimMark III GPS Radio
- 4 Trimble S6 Robotic Total Station
- 4 Trimble TSC3 Data Collectors
- 1 Trimble Access Tablet Data Collector
- 7 Trimble TSC2 Data Collectors

- 1 Sokkia B20 Level
- 1 Nikon Level
- 1 Sokkia B20 Level
- 2 Schonstedt GA-72 Magnetometers
- 2 Schonstedt GA-52 Magnetometer

Software (Survey Specific)

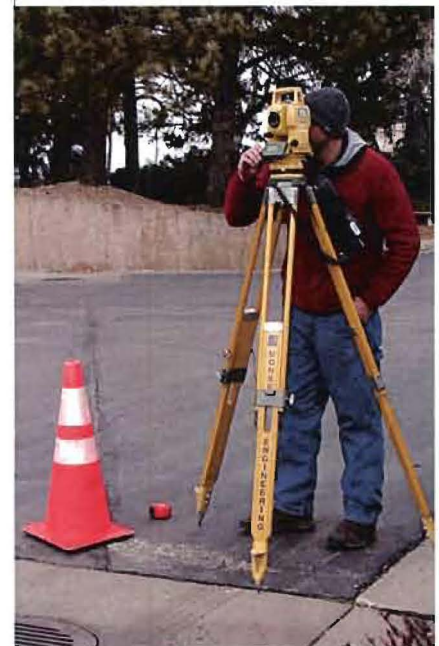
- 3 Trimble Business Center

Trucks

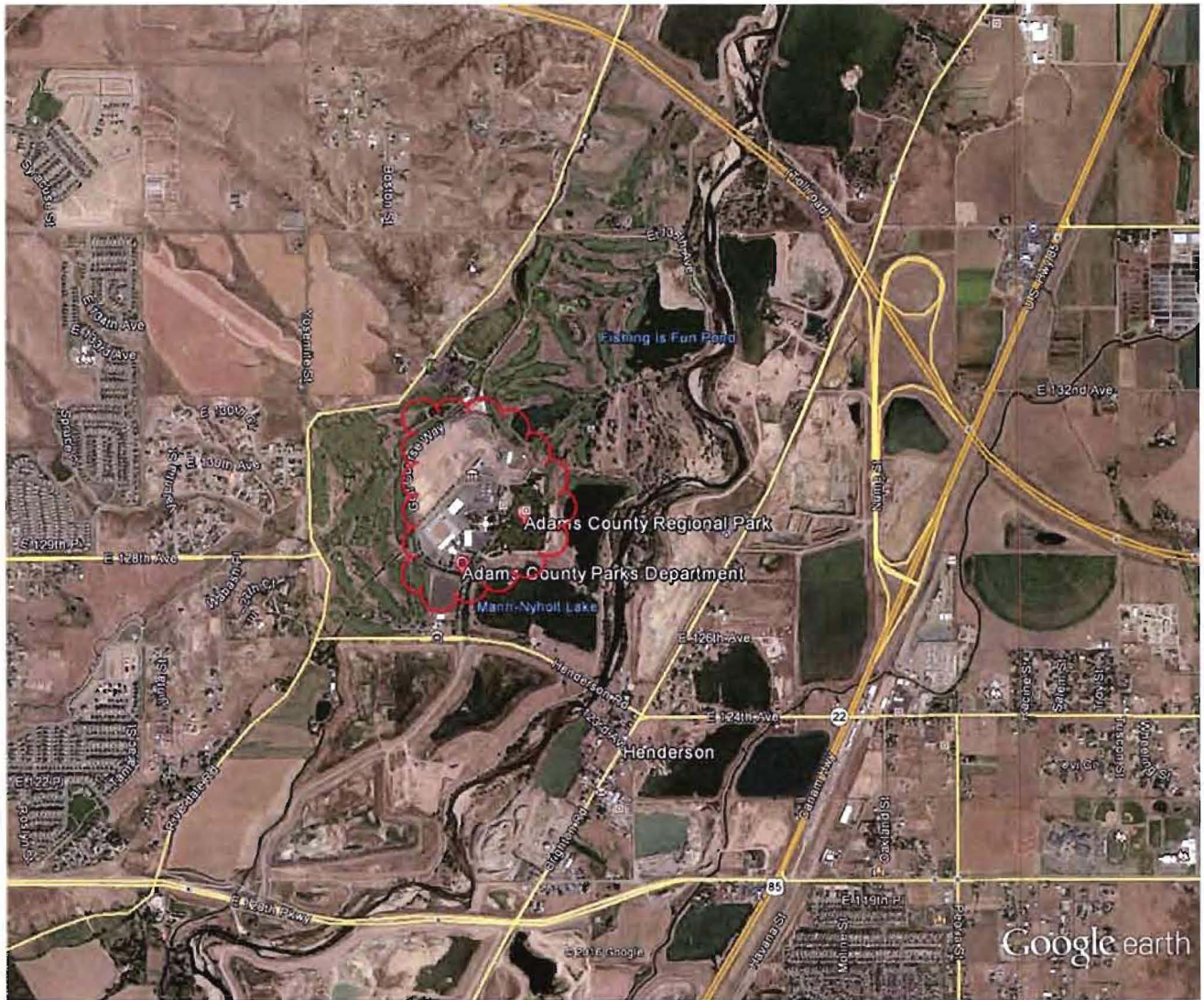
- 2005 Toyota Tundra 4x4 Truck
- 2006 Toyota Tacoma 4x4 Truck
- 2006 Ford F-250 4x4 Truck
- 2012 Ford Escape
- 2015 GMC Canyon 4x4
- 2016 GMC Canyon 4x4
- 2016 Ford Explorer

Drafting

- AutoCAD
- Civil 3D
- Microstation/InRoads



CORE AREA



Google earth

miles 1
km 3

