

AGREEMENT REGARDING
FINAL DESIGN AND CONSTRUCTION
OF FEE-IN-LIEU DRAINAGE AND FLOOD CONTROL IMPROVEMENTS FOR
SECOND CREEK FROM 120TH AVENUE TO POTOMAC STREET

Agreement No. 19-01.21
Project No. 107499

THIS AGREEMENT, by and between URBAN DRAINAGE AND FLOOD CONTROL DISTRICT (hereinafter called "DISTRICT") and the CITY OF BRIGHTON (hereinafter called "CITY") and collectively known as "PARTIES";

WITNESSETH:

WHEREAS, DISTRICT, in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain regulation measures; and

WHEREAS, PARTIES participated in a joint planning study titled "Second Creek Major Drainageway Plan Alternatives Analysis" by RESPEC, dated November 2018 (hereinafter called "PLAN"); and

WHEREAS, PARTIES now desire to proceed with the design and construction of drainage and flood control improvements for Second Creek from 120th Avenue to Potomac Street (hereinafter called "PROJECT"); and

WHEREAS, CITY now desires to utilize developer funding to design and construct PLAN improvements; and

WHEREAS, DISTRICT, on behalf of CITY, shall manage the design and construction of PROJECT for an administrative fee to cover the additional project management costs for PROJECT; and

WHEREAS, the City Council have authorized, by appropriation or resolution, all of PROJECT costs of the respective PARTIES.

NOW, THEREFORE, in consideration of the mutual promises contained herein, PARTIES hereto agree as follows:

1. SCOPE OF THIS AGREEMENT

This Agreement defines the responsibilities and financial commitments of PARTIES with respect to PROJECT.

2. SCOPE OF PROJECT

A. Conceptual Design. PROJECT shall include a conceptual design in accordance with the engineer's s scope, fee, and schedule, as shown on Exhibit B. Specifically, the conceptual design of facilities shall extend from approximately 120th Avenue to Potomac Street, as shown on Exhibit A.

3. PUBLIC NECESSITY

PARTIES agree that the work performed pursuant to this Agreement is necessary for the health, safety, comfort, convenience, and welfare of all the people of the State, and is of particular benefit to the inhabitants of PARTIES and to their property therein.

4. PROJECT COSTS AND ALLOCATION OF COSTS

A. PARTIES agree that for the purposes of this Agreement, PROJECT costs shall consist of and be limited to the following Project Costs:

1. Conceptual Design

B. It is understood that PROJECT costs as defined above are not to exceed \$28,816 without amendment to this Agreement.

PROJECT costs for the various elements of the effort are estimated as follows:

<u>PROJECT ITEM</u>	<u>AMOUNT</u>
1. Conceptual design	\$ 28,816

5. MANAGEMENT OF FINANCES

A. Project Costs. As set forth in DISTRICT policy (Resolution No. 11, Series of 1973, Resolution No. 49, Series of 1977, and Resolution No. 37, Series of 2009), the funding of a local body's share may come from its own revenue sources or from funds received from state, federal, or other sources of funding without limitation and without prior DISTRICT approval.

Project payment by CITY of \$28,816 shall be made to DISTRICT subsequent to execution of this Agreement and within 30 days of request for payment by DISTRICT. The project payment shall be held by DISTRICT in a special fund to pay for increments of PROJECT as authorized by PARTIES, and as defined herein. DISTRICT shall provide a periodic accounting of PROJECT funds as well as a periodic notification to CITY of any unpaid obligations. Any interest earned by the monies contributed by PARTIES shall be accrued to the special fund established by DISTRICT for PROJECT and such interest shall be used only for PROJECT upon approval by the contracting officers (Paragraph 13). Within one year of completion of PROJECT, if there are monies including interest earned remaining which are not committed, obligated, or disbursed, each party shall receive a share of such monies, which shares shall be computed as were the original shares; or, at CITY request, CITY share of remaining monies shall be transferred to another special fund held by DISTRICT.

B. Administrative Costs. As set forth in DISTRICT policy (Resolution No. 38, Series of 2017), DISTRICT shall collect administrative fees for Fee-In-Lieu projects to offset DISTRICT staff time required to manage the Final Design and Construction of PROJECT. The administrative fee is nonrefundable and to be held in the Development Service Enterprise Fund.

1. Final Design. The administrative fee is based on a standard one-time charge for final design start-up and close-out cost, plus a monthly final design management cost. The monthly final design management cost will be the rate below per number of months the PROJECT is in design.

Final Design Start-up Cost	\$2,400
Monthly Final Design Management	\$1,645 per month
Final Design Close-out Cost	\$3,000

2. Construction. The administrative fee is based percentage of the estimated construction costs. The percentage charged is as shown in the following table.

Estimated Construction Cost Range	Percentage Charged
Under \$500,000	8%
\$500,000 - \$1,000,000	6%
\$1,000,000 - \$1,500,000	4%
\$1,500,000 - \$2,000,000	3%
\$2,000,000 - \$3,500,000	2.0%
\$3,500,000 - \$5,000,000	1.5%
\$5,000,000 - \$10,000,000	1.0%
\$10,000,000 - \$15,500,000	0.7%
\$15,500,000 - \$20,000,000	0.6%

6. CONCEPTUAL AND FINAL DESIGN

The contracting officers for PARTIES, as defined under Paragraph 13 of this Agreement, shall select an engineer mutually agreeable to both PARTIES. DISTRICT shall contract with selected engineer and shall supervise and coordinate the conceptual and final design, including right-of-way delineation, subject to approval of the contracting officer for CITY. Payment for conceptual and final design services shall be made by DISTRICT as the work progresses from the PROJECT fund established as set forth above.

- A. Conceptual design services shall consist of, but not be limited to, the following:
 1. Preparation of a work plan schedule identifying the timing of major elements in the design and permitting process;
 2. Delineation of stream corridor to be protected;
 3. Identification of floodplain and bankfull alignment and cross-sections;
 4. Development of streambank and bed protection measures;
 5. Development of permitting approach;
 6. Preparation of an estimate of probable construction costs including contingency;
 7. Preparation of a scope for final design, fee, and schedule good for 90 days. If final design and permitting phase is delayed beyond 90 days from the final submittal, then

the scope, fee, and schedule for final design will need to be reestablished. DISTRICT shall provide any work product by the engineer to CITY.

- B. Final design services shall consist of, but not be limited to, the following:
1. Preparation of a work plan schedule identifying the timing of major elements in the design;
 2. Preparation of detailed construction plans and specifications;
 3. Preparation of an estimate of probable construction costs of the work covered by the plans and specifications;
 4. Preparation of an appropriate construction schedule.

If the engineer that prepared the field-ready construction documents is selected to perform construction observation, and the contractor to construct the improvements is selected using DISTRICT's Best Value Selection process, the engineer shall seal the construction documents, otherwise the construction documents shall be provided to the developer and CITY unsealed.

7. RIGHT OF WAY OR NON-REVOCABLE EASEMENT

Right of Way or a non-revocable easement shall be acquired through a subdivision plat at no cost to CITY and DISTRICT, subject to approval of DISTRICT, for land or interests in land needed to implement construction of the drainage and flood control improvements, as defined herein. The right-of-way or non-revocable easement acquired shall be in the name of CITY and the conveyance document shall be promptly recorded in the records of the Clerk and Recorder of CITY.

- A. Coordination of Right-of-Way or Non-revocable Easement Acquisition. CITY shall acquire the right-of-way or non-revocable easement only after receiving prior approval of DISTRICT.
- B. Ownership of Property and Limitation of Use. CITY shall own the property either in fee or non-revocable easement and shall be responsible for same. It is specifically understood that the right-of-way is being used for drainage and flood control purposes. The properties upon which PROJECT is constructed shall not be used for any purpose that will diminish or preclude its use for drainage and flood control purposes. CITY may not dispose of or change the use of the properties without approval of DISTRICT. If, in the future, CITY disposes of any portion of or all of the properties acquired upon which PROJECT is constructed pursuant to this Agreement; changes the use of any portion or all of the properties upon which PROJECT is constructed pursuant to this Agreement; or modifies any of the improvements located on any portion of the properties upon which PROJECT is constructed pursuant to this Agreement; and CITY has not obtained the written approval of DISTRICT prior to such action, CITY shall take any and all action necessary to reverse said unauthorized activity and return the properties and improvements thereon, acquired and

constructed pursuant to this Agreement, to the ownership and condition they were in immediately prior to the unauthorized activity at CITY's sole expense.

8. MANAGEMENT OF CONSTRUCTION

- A. Costs. Construction costs shall consist of those costs as incurred by the most qualified contractor(s) including detour costs, licenses and permits, utility relocations, and construction-related engineering services as defined in Paragraph 4 of this Agreement.
- B. Construction Management and Payment
 - 1. DISTRICT, with the concurrence of CITY, shall administer and coordinate the construction-related work as provided herein.
 - 2. DISTRICT, with concurrence of CITY, shall select and award construction contract(s).
 - 3. DISTRICT shall require the contractor to provide adequate liability insurance that includes CITY. The contractor shall be required to indemnify CITY. Copies of the insurance coverage shall be provided to CITY.
 - 4. DISTRICT, with assistance of CITY, shall coordinate field surveying; staking; inspection; testing; acquisition of right-of-way; and engineering as required to construct PROJECT. DISTRICT, with assistance of CITY, shall assure that construction is performed in accordance with the construction contract documents including approved plans and specifications and shall accurately record the quantities and costs relative thereto. Copies of all inspection reports shall be furnished to CITY on a weekly basis. DISTRICT shall retain an engineer to perform all or a part of these duties.
 - 5. DISTRICT, with concurrence of CITY, shall contract with and provide the services of the design engineer for basic engineering construction services to include addendum preparation; survey control points; explanatory sketches; revisions of contract plans; shop drawing review; as-built plans; weekly inspection of work; and final inspection.
 - 6. PARTIES shall have access to the site during construction at all times to observe the progress of work and conformance to construction contract documents including plans and specifications.
 - 7. DISTRICT shall review and approve contractor billings. DISTRICT shall remit payment to contractor based on billings.
 - 8. DISTRICT, with concurrence of CITY, shall prepare and issue all written change or work orders to the contract documents.
 - 9. PARTIES shall jointly conduct a final inspection and accept or reject the completed PROJECT in accordance with the contract documents.
 - 10. DISTRICT shall provide CITY a set of reproducible "as-built" plans.
- C. Construction Change Orders. In the event that it becomes necessary and advisable to change the scope or detail of the work to be performed under the contract(s), such changes shall be

rejected or approved in writing by the contracting officers. No change orders shall be approved that increase the costs beyond the funds available in the PROJECT fund, including interest earned on those funds, unless and until the additional funds needed to pay for the added costs are committed by all PARTIES.

9. MAINTENANCE

PARTIES agree that CITY shall own and be responsible for maintenance of the completed and accepted PROJECT. PARTIES further agree that DISTRICT, at CITY's request, shall assist CITY with the maintenance of all facilities constructed or modified by virtue of this Agreement to the extent possible depending on availability of DISTRICT funds. Such maintenance assistance shall be limited to drainage and flood control features of PROJECT. Maintenance assistance may include activities such as keeping flow areas free and clear of debris and silt, keeping culverts free of debris and sediment, repairing drainage and flood control structures such as drop structures and energy dissipaters, and clean-up measures after periods of heavy runoff. The specific nature of the maintenance assistance shall be set forth in a memorandum of understanding from DISTRICT to CITY, upon acceptance of DISTRICT's annual Maintenance Work Program.

DISTRICT shall have right-of-access to right-of-way and storm drainage improvements at all times for observation of flood control facility conditions and for maintenance when funds are available.

10. FLOODPLAIN REGULATION

CITY agrees to regulate and control the floodplain of Second Creek within CITY in the manner prescribed by the National Flood Insurance Program and prescribed regulations thereto as a minimum.

PARTIES understand and agree, however, that CITY cannot obligate itself by contract to exercise its police powers. If CITY fails to regulate the floodplain of Second Creek within CITY in the manner prescribed by the National Flood Insurance Program and prescribed regulations thereto as a minimum, DISTRICT may exercise its power to do so and CITY shall cooperate fully.

11. TERM OF AGREEMENT

Despite the date that this Agreement is signed by PARTIES, the term of this Agreement shall commence upon the earlier of the date of final execution by all PARTIES, or December 31 of the year that it is tendered to CITY for execution, and shall terminate three (3) years after the final payment is made to the construction contractor and the final accounting of funds on deposit at DISTRICT is provided to all PARTIES pursuant to Paragraph 5 herein, except for Paragraph 10, FLOODPLAIN REGULATION, Paragraph 7.B, Ownership of Property and Limitation of Use, and Paragraph 9, MAINTENANCE, which shall run in perpetuity.

12. LIABILITY

Each party hereto shall be responsible for any suits, demands, costs, or actions at law resulting from its own acts or omissions and may insure against such possibilities as appropriate.

13. CONTRACTING OFFICERS

- A. The contracting officer for CITY shall be the City Manager of Brighton, 500 South 4th Avenue, Brighton, Colorado 80601.
- B. The contracting officer for DISTRICT shall be the Executive Director, 2480 West 26th Avenue, Suite 156B, Denver, Colorado 80211.
- C. The contracting officers for PARTIES each agree to designate and assign a PROJECT representative to act on the behalf of said PARTIES in all matters related to PROJECT undertaken pursuant to this Agreement. Each representative shall coordinate all PROJECT-related issues between PARTIES, shall attend all progress meetings, and shall be responsible for providing all available PROJECT-related file information to the engineer upon request by DISTRICT or CITY. Said representatives shall have the authority for all approvals, authorizations, notices or concurrences required under this Agreement. However, in regard to any amendments or addenda to this Agreement, said representative shall be responsible to promptly obtain the approval of the proper authority.

14. RESPONSIBILITIES OF PARTIES

DISTRICT shall be responsible for coordinating with CITY the information developed by the various consultants hired by DISTRICT and for obtaining all concurrences from CITY needed to complete PROJECT in a timely manner. CITY agrees to review all concept plans, preliminary design plans, and final plans and specifications, and to provide comments within 21 calendar days after the drafts have been provided by DISTRICT to CITY.

15. AMENDMENTS

This Agreement contains all of the terms agreed upon by and among PARTIES. Any amendments to this Agreement shall be in writing and executed by PARTIES hereto to be valid and binding.

16. SEVERABILITY

If any clause or provision herein contained shall be adjudged to be invalid or unenforceable by a court of competent jurisdiction or by operation of any applicable law, such invalid or unenforceable clause or provision shall not affect the validity of the Agreement as a whole and all other clauses or provisions shall be given full force and effect.

17. APPLICABLE LAWS

This Agreement shall be governed by and construed in accordance with the laws of the State of Colorado. Jurisdiction for any and all legal actions regarding this Agreement shall be in the State of Colorado and venue for the same shall lie in the county where PROJECT is located.

18. ASSIGNABILITY

No party to this Agreement shall assign or transfer any of its rights or obligations hereunder without the prior written consent of the nonassigning party or parties to this Agreement.

19. BINDING EFFECT

The provisions of this Agreement shall bind and shall inure to the benefit of PARTIES hereto and to their respective successors and permitted assigns.

20. ENFORCEABILITY

PARTIES hereto agree and acknowledge that this Agreement may be enforced in law or in equity, by decree of specific performance or damages, or such other legal or equitable relief as may be available subject to the provisions of the laws of the State of Colorado.

21. TERMINATION OF AGREEMENT

This Agreement may be terminated upon thirty (30) days' written notice by any party to this Agreement, but only if there are no contingent, outstanding contracts. If there are contingent, outstanding contracts, this Agreement may only be terminated upon the cancellation of all contingent, outstanding contracts. All costs associated with the cancellation of the contingent contracts shall be shared between PARTIES in the same ratio(s) as were their contributions.

22. PUBLIC RELATIONS

It shall be at CITY's sole discretion to initiate and to carry out any public relations program to inform the residents in PROJECT area as to the purpose of PROJECT and what impact it may have on them. Technical information shall be presented to the public by the selected engineer. In any event DISTRICT shall have no responsibility for a public relations program, but shall assist CITY as needed and appropriate.

23. NO DISCRIMINATION IN EMPLOYMENT

In connection with the performance of work under this Agreement, PARTIES agree not to refuse to hire, discharge, promote or demote, or to discriminate in matters of compensation against any person otherwise qualified because of race, color, ancestry, creed, religion, national origin, gender, age, military status, sexual orientation, marital status, or physical or mental disability and further agree to insert the foregoing provision in all subcontracts hereunder.

24. APPROPRIATIONS

Notwithstanding any other term, condition, or provision herein, each and every obligation of CITY and/or DISTRICT stated in this Agreement is subject to the requirement of a prior appropriation of funds therefore by the appropriate governing body of CITY and/or DISTRICT.

25. NO THIRD PARTY BENEFICIARIES

It is expressly understood and agreed that enforcement of the terms and conditions of this Agreement, and all rights of action relating to such enforcement, shall be strictly reserved to PARTIES, and nothing contained in this Agreement shall give or allow any such claim or right of action by any other or third person on such Agreement. It is the express intention of PARTIES that any person or party other than any one of PARTIES receiving services or benefits under this Agreement shall be deemed to be an incidental beneficiary only.

26. ILLEGAL ALIENS

PARTIES agree that any public contract for services executed as a result of this intergovernmental agreement shall prohibit the employment of illegal aliens in compliance with §8-17.5-101 C.R.S. *et seq.* The following language shall be included in any contract for public services:

- A. At the time of execution of this Agreement, CONTRACTOR does not knowingly employ or contract with an illegal alien who will perform work under this Agreement.
- B. CONTRACTOR shall participate in the E-Verify Program, as defined in § 8 17.5-101(3.7), C.R.S., to confirm the employment eligibility of all employees who are newly hired for employment to perform work under this Agreement.
- C. CONTRACTOR shall not knowingly employ or contract with an illegal alien to perform work under this Agreement.
- D. CONTRACTOR shall not enter into a contract with a subconsultant or subcontractor that fails to certify to CONTRACTOR that it shall not knowingly employ or contract with an illegal alien to perform work under this Agreement.
- E. CONTRACTOR shall confirm the employment eligibility of all employees who are newly hired for employment to perform work under this Agreement through participation in the E-Verify Program.
- F. CONTRACTOR is prohibited from using the E-Verify Program procedures to undertake pre-employment screening of job applicants while performing its obligation under this Agreement, and that otherwise requires CONTRACTOR to comply with any and all federal requirements related to use of the E-Verify Program including, by way of example, all program requirements related to employee notification and preservation of employee rights.
- G. If CONTRACTOR obtains actual knowledge that a subconsultant or subcontractor performing work under this Agreement knowingly employs or contracts with an illegal alien, it will notify such subconsultant or subcontractor and PARTIES within three (3) days. CONTRACTOR shall also then terminate such subconsultant or subcontractor if within three (3) days after such notice the subconsultant or subcontractor does not stop employing or contracting with the illegal alien, unless during such three (3) day period, the subconsultant or subcontractor provides information to establish that the subconsultant or subcontractor has not knowingly employed or contracted with an illegal alien.
- H. CONTRACTOR shall comply with any reasonable request made in the course of an investigation by the Colorado Department of Labor and Employment under authority of § 8-17.5-102(5), C.R.S.
- I. CONTRACTOR shall, within twenty (20) days after hiring an employee who is newly hired for employment to perform work under this Agreement, affirm that it has examined the legal work status of such employee, retained file copies of the documents required by 8 U.S.C. Section 1324a, and not altered or falsified the identification documents for such employees. CONTRACTOR shall provide a written, notarized copy of the affirmation to PARTIES.

27. GOVERNMENTAL IMMUNITIES

PARTIES hereto intend that nothing herein shall be deemed or construed as a waiver by any party of any rights, limitations, or protections afforded to them under the Colorado Governmental

Immunity Act (§ 24-10-101, *et seq.*, C.R.S.) as now or hereafter amended or otherwise available at law or equity.

28. INTENT OF AGREEMENT

Except as otherwise stated herein, this Agreement is intended to describe the rights and responsibilities of and between PARTIES and is not intended to and shall not be deemed to confer rights upon any person or entities not named as PARTIES, nor to limit in any way the powers and responsibilities of the CITY, the DISTRICT or any other entity not a party hereto.

29. EXECUTION IN COUNTERPARTS – ELECTRONIC SIGNATURES

This Agreement, and all subsequent documents requiring the signatures of PARTIES to this Agreement, may be executed in two or more counterparts, each of which shall be deemed an original, but all of which shall constitute one and the same instrument. PARTIES approve the use of electronic signatures for execution of this Agreement, and all subsequent documents requiring the signatures of PARTIES to this Agreement. Only the following two forms of electronic signatures shall be permitted to bind PARTIES to this Agreement, and all subsequent documents requiring the signatures of PARTIES to this Agreement.

- A. Electronic or facsimile delivery of a fully executed copy of a signature page; or
- B. The image of the signature of an authorized signer inserted onto PDF format documents.

Documents requiring notarization may also be notarized by electronic signature, as provided above. All use of electronic signatures shall be governed by the Uniform Electronic Transactions Act, C.R.S. §§ 24-71.3-101 to -121.

WHEREFORE, PARTIES hereto have caused this instrument to be executed by properly authorized signatories as of the date and year written below.

URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

By_____

Name Ken A. MacKenzie

Title Executive Director

Date_____

Checked By

CITY OF BRIGHTON

By_____

Philip Rodriguez, City Manager

Date_____

(SEAL)

ATTEST:

Natalie Hoel, City Clerk

APPROVED AS TO FORM:

Jack D. Bajorek, City Attorney

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Exhibit A



AGREEMENT REGARDING
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Exhibit B

ENGINEER'S SCOPE



1601 Blake Street, Suite 200
Denver, Colorado 80202
(303) 572-0200
Fax (303) 572-0202

December 11, 2018

Dave Skuodas
Urban Drainage & Flood Control District
2480 W. 26th Ave
Suite 156-B
Denver, CO 80211

**RE: Proposal for Consulting Services for Conceptual Design
Second Creek – Woodhawk (Sable Blvd and 120th Ave)**

Dear Mr. Skuodas:

This proposal is prepared to develop a conceptual design and a rough order of magnitude cost estimate for stream design on Second Creek within the Woodhawk development area but is generally described as the parcel bound by 120th Ave on the south, Sable Blvd on the east, 124th Ave on the north, and Potomac Ave on the west. The following Scope of Services describes the proposed work in detail.

SCOPE OF SERVICES

Matrix shall provide services necessary for the completion of a conceptual design plan such that a rough order of magnitude cost estimate can be completed. It is our understanding that the conceptual design and cost estimate developed as a part of this proposal may be used to facilitate a fee in-lieu agreement between the developer and UDFCD. Furthermore, it is assumed that this project will utilize the Project Partners approach established by UDFCD.

We further understand that the character of the stream corridor through the development site is very important to the developer. Thus, we have included scope for our in-house landscape architecture group to provide some context to the design including renderings and/or sketches.

It is our intent that if the conceptual design and fee in-lieu amount is agreeable to the developer then Matrix will supply a separate proposal to advance the design through the construction documents phase.

1. Project Coordination/Project Management:
 - Attend project kickoff meeting with UDFCD which will include a site visit.
 - Evaluate the PLAN and project scope. Confirm the number and type of drawings/rendering/sketches anticipated based upon the project components.
 - Confirm project design and schedule, which is intended to be 3-months or less.
 - Attend monthly meetings over the next 3-month period.
2. Conceptual Design

- Review pertinent stream data related to existing hydrology/hydraulics
 - Develop a preliminary conceptual design layout.
 - Evaluate the performance of the concept design for achieving the established project goals and objectives of a high functioning, low maintenance stream.
 - As needed, Matrix will update the conceptual design to maximize efficiency. The conceptual design will be illustrated with one (1) plan and profile sheet and one (1) rendering/sketch.
 - Develop a rough order of magnitude cost estimate. It is our understanding that this ROM cost estimate may be used to establish the fee in-lieu amount.
 - Develop a DRAFT Conceptual Design Report including necessary hydrology and hydraulic analysis for review by UDFD. Following said review, Matrix will prepare a Final Report which will document the agreed upon approach.
 - Attend review meeting with UDFCD.
3. Environmental Services
- Conduct review of the environmental impacts of the project as they relate to CWA 404 permits.
 - Provide a recommendation to complete all necessary permitting.

ASSUMPTIONS

- Survey data including boundary/parcel data and existing topography shall be provided by the developer.
- Geotechnical information is not needed at this time. If, through the course of the conceptual design plan, it is determined that geotechnical information is required a separate scope and fee shall be prepared.
- This conceptual design does not include evaluating the upstream and downstream roadway crossings at 120th Street and Potomac Ave

SCHEDULE

Assuming a Notice to Proceed of no later than December 10, 2018, Matrix will complete the above work prior to February 22, 2019.

BUDGET

Design work is anticipated to be \$28,816 on a not to exceed time and material basis per the attached estimate of hours.

We look forward to working with you to advance the goals of the District in creating high functioning low maintenance streams.

Sincerely,
Matrix Design Group, Inc.



Drew Beck, PE, CFM
Deputy Director, Water Resources

MATRIX DESIGN GROUP, Inc.

Exhibit "A" - Professional Fees - FOR BUDGET PURPOSES ONLY

UDFCD Second Creek - Woodhawk				PROJECT NO.:					DATE: 12/11/18				
				STAFF									
				Matrix									
				VP	Sr Assoc	Sr Cons	Cons II	Const I	Prof III	Cons III	Prof I	Staff V	Staff III
				Thompson	Beck/Sutherlin/ Anderson	Liu	Ludwig/Sawyer	Madigan/Hayco ck/Valencia	Kopperl	Lardner	Percival	Kiding	Rincon
ITEM	DESCRIPTION	TASK COST	TOTAL HOURS	\$210	\$175	\$140	\$115	\$98	\$110	\$125	\$80	\$110	\$80
Task 1	Project Management												
A	Meetings (up to 3)		14	4	10								
B	Coordination		22	4	8	2	4						4
	Subtotal	\$5,890	36	8	18	2	4	0	0	0	0	0	4
Task 2	Conceptual Design/Prelimmiary Design Plan												
A	Grading Plan		30	2	8			12	8				
B	Channel Plan and profile		26	2	8		8	8					
C	Hydraulic details		14	2	4		8						
D	Cost Estimate		14	2	4			8					
E	Rendering/Sketch		16		16								
F	Floodplain impact analysis		16		4	8					4		
G	Design Report		58	2	8	16	8	16			8		
	Subtotal	\$17,164	120	8	52	0	24	28	8	0	0	0	0
Task 4	Comment Resolution												
A	Address comments		24	2	2	4	8	4			4		
	Subtotal	\$2,962	24	2	2	4	8	4	0	0	4	0	0
Task 5	Environmental Services												
A	Permitting review												
	Subtotal	\$2,500											
	PRIME LABOR SUBTOTAL: (T & M)	\$28,516		18	72	6	36	32	8	0	4	0	4
	TOTAL HOURS		180										
	DISTRIBUTION			10%	40%	3%	20%	18%	4%	0%	2%	0%	2%
	INDIVIDUAL COSTS			\$3,780	\$12,600	\$840	\$4,140	\$3,136	\$880	\$0	\$320	\$0	\$320
				PLOTS	REPROD	TRAVEL	DELIVERY						
	DIRECT COST SUBTOTAL	\$300		\$50	\$50	\$100	\$100						
	GRAND TOTAL:	\$ 28,816											