SUPPLEMENTAL PACKET

10.B.3

WASHINGTON COUNTY	
CONTRACT NO.	
DEPT.	PUBLIC WORKS
DIVISION	TRANSPORTATION
TERM	Signature to Completion

COOPERATIVE AGREEMENT BETWEEN THE CITY OF AFTON AND WASHINGTON COUNTY FOR CONSTRUCTION OF COUNTY STATE AID HIGHWAY (CSAH) 21, CSAH 18, SANITARY SEWER, LEVEE AND LOCAL STREETS

THIS AGREEMENT, by and between the City of Afton, a municipal corporation, hereinafter referred to as the "City", and Washington County, a political subdivision of the State of Minnesota, hereinafter referred to as the "County":

WITNESSETH:

WHEREAS, the City and the County desire to improve the safety and operations of the County State Aid Highways and local streets, install sanitary sewer, reconstruct the flood levee along the St. Croix River and install aesthetic amenities in downtown Afton; and

WHEREAS, a collaborative effort between the City and the County to study and evaluate a range of alternatives for these improvements resulted in the development of a preferred alternative as shown and attached as Exhibit A "Downtown Afton Improvement Project"; and

WHEREAS, a preliminary cost estimate for construction has been prepared cooperatively by the City and County and it is attached as Exhibit B "Preliminary Construction Cost Estimate"; and

WHEREAS, the City and County will share in the cost of construction in accordance with the Washington County Cost Participation Policy #8001 for Cooperative Highway Improvement Projects as shown on Exhibit B and as outlined in Section VI of this Agreement; and

WHEREAS, the City desires to use federal, state and local funds for these improvements; and

WHEREAS, the County desires to use County Bonds and State Aid to fund this transportation improvement; and

WHEREAS, this Agreement is made pursuant to statutory authority contained in Minnesota Statute 162.17 sub.1.

NOW THEREFORE, IT IS HEREBY MUTUALLY AGREED AS FOLLOWS:

I. PURPOSE

The purpose of this agreement is set forth in the above whereas clauses which are all incorporated by reference as if fully set forth herein and shall consist of this agreement and Exhibit A (Downtown Afton Improvement Project) and Exhibit B (Preliminary Construction Cost Estimate).

II. PLANS, SPECIFICATIONS AND BID PROPOSAL PREPARATION

A. The City will enter into a contract with an engineering firm for the preparation of the construction plans and specifications for all City related project elements as shown in Exhibit A. The City will ensure the inclusion of all provisions relating to contractor or subcontractor conformance with City funding and permit requirements. The City will compile all project related plans, specifications, provisions, obtain all necessary approvals and prepare the bid proposal package.

B. The County will enter into a contract with an engineering firm for the preparation of the construction plans and specifications for all County related project elements as shown in Exhibit A. The County will provide the City with these specifications and provisions as well as those relating to contractor or subcontractor conformance with County funding requirements.

III. PROJECT PERMITS

The City will obtain all necessary permits for the project. The City will be responsible for all costs related to obtaining permits and all permits will be applied for and obtained in the name of the City.

IV. RIGHT OF WAY AND EASEMENTS

A. The City will acquire all permanent rights-of-way, permanent easements, and temporary slope easements from parcels impacted by the construction of local streets, sanitary sewer and flood levee. The City will be responsible for all land related costs and all rights-of-way and easements will be acquired in the name of the City. Any rights-of-way, permanent easements, and temporary slope easements necessary for construction of local streets, sanitary sewer and flood levee that cannot be obtained through negotiation will be acquired by the City through eminent domain proceedings.

B. The City will acquire all permanent rights-of-way, permanent easements, and temporary slope easements from parcels impacted by the construction of storm water ponds as identified on Exhibit A. The County will participate in the land value costs as outlined in Section VII., D. Any rights-of-way, permanent easements, and temporary slope easements necessary for construction of the storm water ponds that cannot be obtained through negotiation will be acquired by the City through eminent domain proceedings.

C. The County will acquire permanent rights-of-way, permanent easements, and temporary slope easements from parcels impacted by construction of CSAH 21 and CSAH 18. The County will be responsible for all land related costs and all rights-of-way and easements will be acquired in the name of the County. Any rights-of-way, permanent easements, and temporary slope easements necessary for construction of CSAH 21 and CSAH 18 that cannot be obtained through negotiation will be acquired by the County through eminent domain proceedings.

V. ADVERTISEMENT AND AWARD OF CONSTRUCTION CONTRACT

A. After the plans, specifications and provisions have been approved, all necessary rights-of-way and easements have been acquired, and all permits obtained the City will advertise for construction bids.

B. The City will receive bids and award a construction contract to the lowest responsible bidder. Concurrence of award by the County Engineer shall be a condition precedent to the award of the bid.

VI. CONSTRUCTION ENGINEERING

A. The City will enter into a contract with an engineering firm for Construction

Engineering which includes construction inspection, construction surveying and staking, and testing of all City related project elements as shown in Exhibit A. In addition, Construction Engineering includes overall contract administration for the construction contract.

B. The County will be responsible for the construction inspection, construction surveying and staking, testing and construction engineering of all County related project elements as shown in Exhibit A. The County will participate in the cost of the overall contract administration as outlined in Section VII., E.

VII. COST PARTICIPATION ITEMS AND ESTIMATED COSTS

A preliminary cost estimate for construction has been prepared cooperatively by the City and County and it is attached as Exhibit B "Preliminary Construction Cost Estimate". The construction cost estimate is an estimate of the engineer and the cost participation breakdown is in accordance with the Washington County Cost Participation Policy #8001 for Cooperative Highway Improvement Projects, which is incorporated into this agreement by reference.

A. Construction
The total estimated cost of construction is $12,194,243. The County will pay to the City an estimated amount of $3,199,127 for the construction of CSAH 21 and $901,053 for the construction of CSAH 18 as detailed in Exhibit B and summarized in TABLE 1 of this agreement. Actual construction costs will be based on the contractor's unit prices and the quantities constructed.

B. In addition to the construction costs set forth in Section VII., A, the County will pay to the City an estimated amount of $291,077 which is 50% of the estimated cost for the following local streets:
   1) 30th Street (east of CSAH 21), 32nd Street (east of CSAH 21) and Pike Avenue as these roads will provide access to local businesses during the reconstruction of CSAH 21.
   2) Afton Boulevard (east of CSAH 21) as this road will be excavated for storm sewer to convey county drainage.

   These costs are detailed in Exhibit B and summarized in TABLE 1 of this agreement. Actual construction costs will be based on the contractor's unit prices and the quantities constructed.

C. In addition to the construction costs set forth in Section VII., A and B, the County will pay to the City $150,000 for Aesthetic Amenities which is approximately 3% of the estimated County construction cost.

D. Right-of-way
In addition to the amounts set forth in Section VII., A, B and C, the County shall pay to the City 55% of the land value costs for storm water ponds required for the project. This percentage is based on the County's State Aid eligible cost share for the project. The County will pay to the City an estimated amount of $141,318 as detailed in Exhibit B and summarized in TABLE 1 of this agreement.

E. Contract Administration
Contract Administration includes conducting and recording the pre-bid, pre-construction and weekly construction meetings, reviewing monthly pay estimates,

labor compliance and other administrative engineering duties as deemed necessary. The total cost of the Contract Administration is $203,000. In addition to the amounts set forth in Section VII., A, B, C and D, the County shall pay to the City $73,080 for Contract Administration.

The total estimated amount the County will pay to the City is summarized in TABLE 1.

TABLE 1 DOWNTOWN AFTON IMPROVEMENT PROJECT	
ITEMS	**ESTIMATED COST**
CONSTRUCTION - SAP 82-621-31 (CSAH 21)	$3,199,127.41
CONSTRUCTION - SAP 82-618-21 (CSAH 18)	$901,053.10
AESTHETIC AMENITIES	$150,000.00
30TH STREET, PIKE AVENUE, 32ND STREET, AFTON BLVD EAST (LOCAL ROADS WITH 50% COUNTY COST SHARE)	$291,077.90
RIGHT-OF-WAY AND EASEMENTS FOR STORM WATER PONDS (55% OF LAND VALUE)	$141,318.00
CONTRACT ADMINISTRATION	$73,080
TOTAL ESTIMATED COST	**$4,755,656.41**

VIII. PAYMENT

A. The City shall, when a construction contract is awarded, prepare a schedule of prices based on the contract unit prices and submit a copy to the County in Microsoft Excel format. The County shall pay the City an amount equal to 10 percent of the estimated County construction cost upon receipt of an invoice based on the contract unit prices.

B. During construction, the City shall submit to the County an estimated cost of the partial work performed by the Contractor. Upon receipt of the estimated cost and invoice, the County shall pay to the City, its share of the cost of the partial work performed. The County shall pay within thirty days of receipt of the invoice.

C. Upon completion of the work, the City shall prepare an updated construction cost based upon the contract unit prices and the actual units of work performed and submit a copy to the County. The City shall add to the County's final construction costs the amount of construction contract changes, if any, make necessary adjustments for liquidated damages, if any, and deduct County funds previously advanced for the project by the County. The County agrees to pay to the City the amounts due. In the event the calculations show that the County has advanced funds in greater amount then is due the City, the City shall refund without interest the amount to the County.

IX. CONTRACT CHANGES

A. Any modifications or additions to the final approved plans and/or specifications of the County's portion of the project shall be made part of the construction contract through a written amendment to the construction contract, but only after written concurrence by the County Engineer.

B. Any modifications or additions to the final approved plans and/or specifications of the City's portion of the project shall be made part of the construction contract through a written amendment to the construction contract.

X. LIQUIDATED DAMAGES

Any liquidated damage assessed the contractor in connection with the work performed on the project shall be shared by the City and the County in the following proportion: The respective total share of construction work to the total construction cost without any deduction for liquidated damages.

XI. CONDITIONS

The City shall not assess or otherwise recover any portion of its cost for this project through levy on County-owned property.

XII. CIVIL RIGHTS AND NON-DISCRIMINATION

The provisions of Minn. Stat. 181.59 and of any applicable ordinance relating to civil rights and discrimination shall be considered part of this Agreement as if fully set further herein, and shall be part of any Agreement entered into by the parties with any contractor subcontractor, or material suppliers.

XIII. WORKERS COMPENSATION

It is hereby understood and agreed that any and all employees of the City and all other persons employed by the City in the performance of construction and/or construction engineering work or services required or provided for under this agreement shall not be considered employees of the County and that any and all claims that may or might arise under the Worker's Compensation Act of the State of Minnesota on behalf of said employees while so engaged and any and all claims made by any third parties as a consequence of any act or omission on the part of said City employees while so engaged on any of the construction and/or construction engineering work or services to be rendered herein shall in no way be the obligation or responsibility of the County.

XIV. INDEMNIFICATION

A. The City agrees that it will defend, indemnify and hold harmless the County against any and all liability, loss, damages, costs and expenses which the County may hereafter sustain, incur or be required to pay by reason of any negligent act by the City, its agents, officers or employees during the performance of this agreement.
B. The County agrees that it will defend, indemnify and hold harmless the City against any and all liability, loss, damages, costs and expenses which the City may hereafter sustain, incur or be required to pay by reason of any negligent act by the County, its agents, officers or employees during the performance of this agreement.
C. To the fullest extent permitted by law, actions by the parties to this Agreement are intended to be and shall be construed as a "cooperative activity" and it is the intent of the parties that they shall be deemed a "single governmental unit" for the purposes of liability, as set forth in Minnesota Statutes, Section 471.59, subd. 1a(b). The parties to this Agreement are not liable for the acts or omissions of another party to this Agreement except to the extent they have agreed in writing to be responsible for the acts or

omissions of the other parties as provided for in Section 471.59, subd. 1a.

D. Each party's liability shall be governed by the provisions of Minnesota Statutes, Chapter 466 and other applicable law. The parties agree that liability under this Agreement is controlled by Minnesota Statute 471.59, subdivision 1a and that the total liability for the parties shall not exceed the limits on governmental liability for a single unit of government as specified in 466.04, subdivision 1(a).

XV. DATA PRIVACY

All data collected, created, received, maintained, or disseminated, or used for any purposes in the course of this Agreement is governed by the Minnesota Government Data Practices Act, Minnesota Statutes 1984, Section 13.01, et seq. or any other applicable state statutes and state rules adopted to implement the Act, as well as state statutes and federal regulations on data privacy.

IN TESTIMONY WHEREOF the parties have duly executed this agreement by their duly authorized officers.

COUNTY OF WASHINGTON

_____

Gary Kriesel, Chair — Date
County Board of Commissioners

_____

Molly O'Rourke — Date
County Administrator

Approved as to form:

_____

Asst County Attorney — Date

CITY OF AFTON

_____

Mayor — Date

_____

City Administrator — Date

Approved as to form:

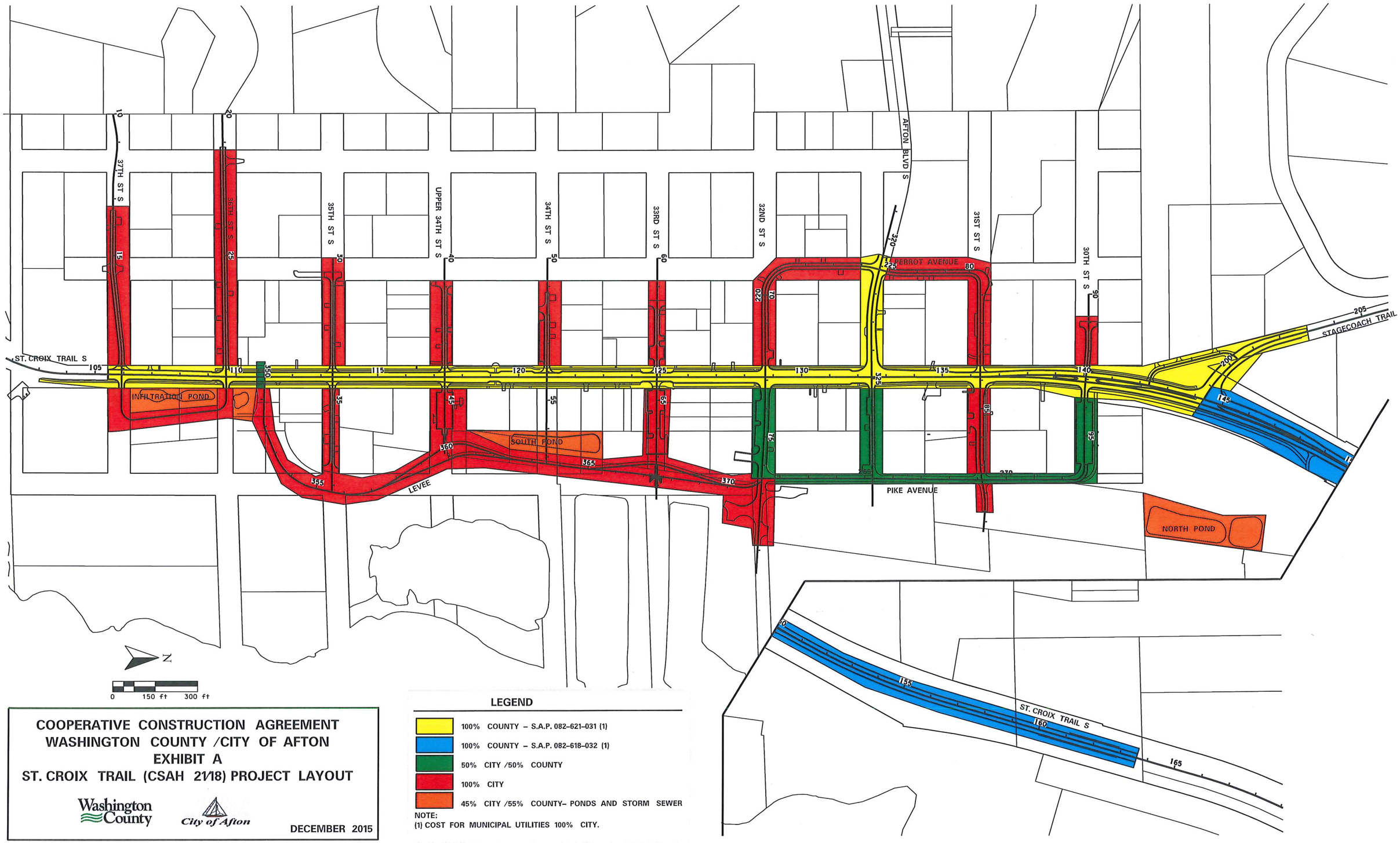
_____

City Attorney — Date

Recommended for approval:

_____

City Engineer — Date



COOPERATIVE CONSTRUCTION AGREEMENT
WASHINGTON COUNTY /CITY OF AFTON
EXHIBIT A
ST. CROIX TRAIL (CSAH 21/18) PROJECT LAYOUT

Washington County

City of Afton

DECEMBER 2015

LEGEND

- 100% COUNTY – S.A.P. 082-621-031 (1)
- 100% COUNTY – S.A.P. 082-618-032 (1)
- 50% CITY /50% COUNTY
- 100% CITY
- 45% CITY /55% COUNTY– PONDS AND STORM SEWER

NOTE:
(1) COST FOR MUNICIPAL UTILITIES 100% CITY.

PRELIMINARY CONSTRUCTION COST ESTIMATE

WSB Project No: 1856-320/1849-06
Project Location: City of Afton, Washington County
Date: 12/15/2015

EXHIBIT B

				TOTAL PROJECT		CITY OF AFTON NON-PARTICIPATING										CITY & COUNTY 50% CO / 50% CITY		WASHINGTON COUNTY S.A.P 082-621-031								WASHINGTON COUNTY S.A.P 082-618-021			
						ROADWAY		STORM SEWER		BRIDGE NO. 82507		SANITARY SEWER		LEVEE & PUMP STATION		PIKE, AFTON BLVD E, 30TH ST E, 32ND ST E		ROADWAY		STORM SEWER 55% SAP/45% CITY		AESTHETICS 50% SAP/50% CITY		BRIDGE NO. 82507		ROADWAY		STORM SEWER 65% SAP/45% CITY	
Item Number	Description	Unit	Unit Price	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost
2021.501	MOBILIZATION	LUMP SUM	$580,700.00	1	$580,700.00	0.10	$58,070.00	0.04	$23,228.00	0.01	$5,807.00	0.19	$110,333.00	0.19	$110,333.00	0.05	$29,035.00	0.19	$110,333.00	0.11	$63,877.00	0.03	$17,421.00	0.01	$5,807.00	0.07	$40,649.00	0.01	$5,807.00
2031.501	FIELD OFFICE TYPE D	EACH	$20,000.00	1	$20,000.00	0.10	$2,000.00	0.04	$800.00	0.01	$200.00	0.19	$3,800.00	0.19	$3,800.00	0.05	$1,000.00	0.19	$3,800.00	0.11	$2,200.00	0.03	$600.00	0.01	$200.00	0.07	$1,400.00	0.01	$200.00
2100.601	LIFT STATION REHABILITATION	LUMP SUM	$100,000.00	1	$100,000.00							1	$100,000.00																
2101.501	CLEARING	ACRE	$3,750.00	6.2	$23,250.00	1.2	$4,500.00							1.4	$5,250.00	0.4	$1,500.00	0.9	$3,375.00	1.9	$7,125.00					0.4	$1,500.00		
2101.502	CLEARING	TREE	$225.00	227	$51,075.00	71	$15,975.00									32	$7,200.00	85	$19,125.00	35	$7,875.00					4	$900.00		
2101.506	GRUBBING	ACRE	$3,750.00	6.2	$23,250.00	1.2	$4,500.00							1.4	$5,250.00	0.4	$1,500.00	0.9	$3,375.00	1.9	$7,125.00					0.4	$1,500.00		
2101.507	GRUBBING	TREE	$225.00	227	$51,075.00	71	$15,975.00									32	$7,200.00	85	$19,125.00	35	$7,875.00					4	$900.00		
2103.501	BUILDING REMOVAL	LUMP SUM	$25,000.00	1	$25,000.00									1	$25,000.00														
2104.501	REMOVE CURB AND GUTTER	LIN FT	$3.50	2100	$7,350.00	200	$700.00											1900	$6,650.00										
2104.501	REMOVE PIPE CULVERTS	LIN FT	$10.00	497	$4,970.00	50	$500.00									132	$1,320.00	210	$2,100.00							105	$1,050.00		
2104.501	REMOVE CONCRETE BOX CULVERT	LIN FT	$75.00	245	$18,375.00													245	$18,375.00										
2104.501	REMOVE RETAINING WALL	LIN FT	$15.00	89	$1,335.00													89	$1,335.00										
2104.501	REMOVE GUARDRAIL-PLATEBEAM	LIN FT	$5.00	235	$1,175.00																					235	$1,175.00		
2104.501	REMOVE WOOD FENCE	LIN FT	$5.00	270	$1,350.00													270	$1,350.00										
2104.501	REMOVE SEWER PIPE (STORM)	LIN FT	$15.00	848	$12,720.00											10	$150.00	838	$12,570.00										
2104.503	REMOVE CONCRETE WALK	SQ FT	$1.50	22629	$33,943.50	1050	$1,575.00									175	$262.50	21404	$32,106.00										
2104.503	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ FT	$3.00	3230	$9,690.00	1754	$5,262.00											1476	$4,428.00										
2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	$4.00	59461	$237,844.00	12751	$51,004.00			1080	$4,320.00					6360	$25,440.00	27840	$111,360.00							11430	$45,720.00		
2104.509	REMOVE POST	EACH	$3.00	30	$90.00	30	$90.00																						
2104.509	REMOVE PIPE APRON	EACH	$200.00	3	$600.00	1	$200.00											2	$400.00										
2104.509	REMOVE SIGN TYPE C	EACH	$50.00	58	$2,900.00													44	$2,200.00							14	$700.00		
2104.509	REMOVE SIGN TYPE D	EACH	$75.00	6	$450.00													2	$150.00							4	$300.00		
2104.509	REMOVE SIGN TYPE SPECIAL	EACH	$50.00	5	$250.00													5	$250.00										
2104.509	REMOVE DELINEATOR	EACH	$25.00	4	$100.00													4	$100.00										
2104.509	REMOVE MISCELLAHEOUS STRUCTURES	EACH	$2,500.00	4	$10,000.00													4	$10,000.00										
2104.509	REMOVE MANHOLE OR CATCH BASIN	EACH	$500.00	16	$8,000.00	1	$500.00											15	$7,500.00										
2104.509	REMOVE CONCRETE BOX CULVERT END SECTION	EACH	$1,250.00	2	$2,500.00					1	$1,250.00													1	$1,250.00				
2104.509	REMOVE LIGHT FOUNDATION	EACH	$100.00	33	$3,300.00	3	$300.00											30	$3,000.00										
2104.509	REMOVE SEPTIC TANK	EACH	$750.00	9	$6,750.00							9	$6,750.00																
2104.509	REMOVE LIFT STATION	EACH	$18,000.00	1	$18,000.00							1	$18,000.00																
2104.509	REMOVE LIGHTING UNIT	EACH	$75.00	33	$2,475.00	3	$225.00											30	$2,250.00										
2104.509	REMOVE ENERGY ABSORBING TERMINAL	EACH	$400.00	2	$800.00																					2	$800.00		
2104.513	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	$2.40	1870	$4,488.00	1315	$3,156.00									200	$480.00	305	$732.00							50	$120.00		
2104.523	SALVAGE SIGN TYPE SPECIAL	EACH	$75.00	21	$1,575.00													16	$1,200.00							5	$375.00		
2104.523	SALVAGE MAIL BOX SUPPORT	EACH	$75.00	8	$600.00	7	$525.00									1	$75.00												
2104.523	SALVAGE CASTING	EACH	$150.00	8	$1,200.00	8	$1,200.00																						
2104.523	SALVAGE BENCH	EACH	$200.00	2	$400.00									2	$400.00														
2104.525	ABANDON AND SEAL WELL SHAFT	EACH	$3,700.00	1	$3,700.00									1	$3,700.00														
2104.601	REGULATED WASTE EVALUATION	LUMP SUM	$5,000.00	1	$5,000.00					0.5	$2,500.00													0.5	$2,500.00				
2104.601	ABANDON SEPTIC DRAIN FIELD	LUMP SUM	$7,000.00	1	$7,000.00							1	$7,000.00																
2104.602	SALVAGE AND REINSTALL LANDSCAPE STRUCTURES	EACH	$1,200.00	1	$1,200.00	1	$1,200.00																						
2104.603	ABANDON PIPE SEWER	LIN FT	$8.00	150	$1,200.00							150	$1,200.00																
2104.618	SALVAGE STONE PAVERS	SQ FT	$20.00	240	$4,800.00													240	$4,800.00										
2105.501	COMMON EXCAVATION (P)	CU YD	$9.00	31772	$285,948.00	8090	$72,810.00							7847	$70,623.00	3745	$33,705.00	9870	$88,830.00							2220	$19,980.00		
2105.507	SUBGRADE EXCAVATION (P)	CU YD	$11.00	14470	$159,170.00	4646	$51,106.00									2243	$24,673.00	5930	$65,230.00							1651	$18,161.00		
2105.511	CHANNEL AND POND EXCAVATION	CU YD	$15.00	9589	$143,835.00															9589	$143,835.00								
2105.522	SELECT GRANULAR BORROW (CV)	CU YD	$16.00	55	$880.00					27.5	$440.00													27.5	$440.00				
2105.601	DEWATERING	LUMP SUM	$150,000.00	1	$150,000.00			0.50	$75,000.00											0.5	$75,000.00								
2105.601	TEMPORARY STREAM DIVERSION SYSTEM	LUMP SUM	$25,000.00	1	$25,000.00					0.5	$12,500.00													0.5	$12,500.00				
2105.607	HAUL & DISPOSE OF CONTAMINATED MATERIAL	CU YD	$30.00	7920	$237,600.00									7920	$237,600.00														
2118.502	AGGREGATE SURFACING CLASS 2	CU YD	$50.00	393	$19,650.00	393	$19,650.00																						
2123.610	STREET SWEEPER (WITH PICKUP BROOM)	HOUR	$175.00	200	$35,000.00	100	$17,500.00											80	$14,000.00							20	$3,500.00		
2123.610	TRACTOR MOUNTED BACKHOE	HOUR	$165.00	50	$8,250.00	20	$3,300.00											20	$3,300.00							10	$1,650.00		
2123.610	VACUUM TRUCK AND FOREMAN	HOUR	$195.00	50	$9,750.00	20	$3,900.00											20	$3,900.00							10	$1,950.00		
2130.501	WATER	M GALLON	$60.00	600	$36,000.00	200	$12,000.00											300	$18,000.00							100	$6,000.00		
2131.502	CALCIUM CHLORIDE SOLUTION	GALLON	$2.00	3500	$7,000.00	1500	$3,000.00											1500	$3,000.00							500	$1,000.00		
2211.503	AGGREGATE BASE (CV) CLASS 5	CU YD	$35.00	14152	$495,320.00	3954	$138,390.00							289	$10,115.00	1728	$60,480.00	6105	$213,675.00							2076	$72,660.00		
2221.501	SHOULDER BASE AGGREGATE CLASS 2	TON	$40.00	1029	$41,160.00	182	$7,280.00									345	$13,800.00									502	$20,080.00		
2231.501	BITUMINOUS PATCHING MIXTURE	TON	$150.00	72	$10,800.00	72	$10,800.00																						
2301.604	CONCRETE PAVEMENT SPECIAL	SQ YD	$180.00	80	$14,400.00																	80	$14,400.00						
2360.501	TYPE SP 9.5 WEARING COURSE MIX (2,B)	TON	$74.00	997	$73,778.00	557	$41,218.00							282	$20,868.00	12	$888.00	121	$8,954.00							25	$1,850.00		
2360.501	TYPE SP 12.5 WEARING COURSE MIX (2,C)	TON	$74.00	11566	$855,884.00	2808	$207,792.00									2032	$150,368.00	4365	$323,010.00							2361	$174,714.00		
2360.502	TYPE SP 12.5 NON WEAR COURSE MIX (2,B)	TON	$70.00	7080	$495,600.00	515	$36,050.00									1016	$71,120.00	3875	$271,250.00							1674	$117,180.00		
2401.501	STRUCTURAL CONCRETE (1A43)	CU YD	$650.00	208	$135,200.00					34.5	$22,425.00			139	$90,350.00									34.5	$22,425.00				
2401.501	STRUCTURAL CONCRETE (3Y43)	CU YD	$700.00	240	$168,000.00					52	$36,400.00			136	$95,200.00									52	$36,400.00				
2401.541	REINFORCEMENT BARS	POUND	$1.30	17285	$22,470.50					2700	$3,510.00			11885	$15,450.50									2700	$3,510.00				
2401.541	REINFORCEMENT BARS (EPOXY COATED)	POUND	$1.25	28555	$35,693.75					6627.5	$8,284.38			15300	$19,125.00									6627.5	$8,284.38				
2401.601	STRUCTURE EXCAVATION - 1	LUMP SUM	$15,000.00	1	$15,000.00					0.5	$7,500.00													0.5	$7,500.00				
2401.601	STRUCTURE EXCAVATION - 2	LUMP SUM	$15,000.00	1	$15,000.00									1	$15,000.00														
2401.601	STRUCTURE EXCAVATION - 3	LUMP SUM	$15,000.00	1	$15,000.00									1	$15,000.00														
2402.563	ORNAMENTAL METAL RAILING TYPE SPECIAL 1	LIN FT	$160.00	300	$48,000.00					48	$7,680.00			204	$32,640.00									48	$7,680.00				
2411.507	CONCRETE STAIRWAY 1	EACH	$5,000.00	2	$10,000.00													2	$10,000.00										
2411.507	CONCRETE STAIRWAY 2	EACH	$8,000.00	1	$8,000.00													1	$8,000.00										
2411.601	FLOOD CONTROL STRUCTURE	LUMP SUM	$80,000.00	1	$80,000.00									1	$80,000.00														
2411.601	CONCRETE GENERATOR PAD	LUMP SUM	$10,000.00	1	$10,000.00									1	$10,000.00														
2411.618	PREFABRICATED MODULAR BLOCK WALL	SQ FT	$45.00	700	$31,500.00													700	$31,500.00										
2411.618	ANTI-GRAFFITI COATING	SQ FT	$2.50	3510	$8,775.00					505	$1,262.50			2500	$6,250.00									505	$1,262.50				
2411.618	ARCH SURFACE FINISH (MULTI COLOR)	SQ FT	$5.00	2760	$13,800.00					455	$2,275.00			1850	$9,250.00									455	$2,275.00				
2411.618	ARCH CONC TEXTURE (YOSEMITE STONE)	SQ FT	$17.50	2760	$48,300.00					455	$7,962.50			1850	$32,375.00									455	$7,962.50				
2412.511	6X4 PRECAST CONCRETE BOX CULVERT	LIN FT	$450.00	85	$38,250.00																							85	$38,250.00
2412.511	12X5 PRECAST CONCRETE BOX CULVERT	LIN FT	$850.00	18	$15,300.00					9	$7,650.00													9	$7,650.00				
2451.507	GRANULAR BEDDING (CV)	CU YD	$22.00	475	$10,450.00			50	$1,100.00	39	$858.00	100	$2,200.00	197	$4,334.00					50	$1,100.00			39	$858.00				
2451.511	COARSE FILTER AGGREGATE (CV)	CU YD	$35.00	4116	$144,060.00									3435	$120,225.00					681	$23,835.00								
2451.513	FINE FILTER AGGREGATE (CV)	CU YD	$35.00	1347	$47,145.00									1124	$39,340.00					223	$7,805.00								
2451.607	SPECIAL FILTER AGGREGATE (LV)	CU YD	$35.00	1378	$48,230.00									1143	$40,005.00					235	$8,225.00								
2451.607	PIPE BEDDING MATERIAL	CU YD	$28.00	40	$1,120.00																							40	$1,120.00
2452.618	STEEL SHEET PILING	SQ FT	$40.00	1095	$43,800.00									1095	$43,800.00														
2501.515	15" RC PIPE APRON	EACH	$700.00	5	$3,500.00			2	$1,400.00											3	$2,100.00								
2501.515	18" RC PIPE APRON	EACH	$800.00	1	$800.00																							1	$800.00
2501.515	21" RC PIPE APRON	EACH	$900.00	2	$1,800.00															1	$900.00							1	$900.00
2501.515	24" RC PIPE APRON	EACH	$1,250.00	2	$2,500.00															2	$2,500.00								
2501.515	27" RC PIPE APRON	EACH	$1,450.00	6	$8,700.00			1	$1,450.00											5	$7,250.00								
2501.515	36" RC PIPE APRON	EACH	$1,500.00	4	$6,000.00															4	$6,000.00								
2501.515	54" RC PIPE APRON	EACH	$2,150.00	2	$4,300.00															2	$4,300.00								
2501.515	60" RC PIPE APRON	EACH	$2,500.00	1	$2,500.00															1	$2,500.00								
2501.515	24" GS PIPE APRON	EACH	$500.00	1	$500.00															1	$500.00								
2501.521	44" SPAN RC PIPE-ARCH CULV CL IIA	LIN FT	$95.00	244	$23,180.00															244	$23,180.00								
2501.521	73" SPAN RC PIPE-ARCH CULV CLII A	LIN FT	$150.00	54	$8,100.00															54	$8,100.00								
2501.525	44" SPAN RC PIPE-ARCH APRON	EACH	$1,900.00	4	$7,600.00															4	$7,600.00								
2501.525	58" SPAN RC PIPE-ARCH APRON	EACH	$2,150.00	1	$2,150.00															1	$2,150.00								
2501.525	73" SPAN RC PIPE-ARCH APRON	EACH	$2,500.00	2	$5,000.00															2	$5,000.00								
2501.602	TRASH GUARD FOR 15" RC PIPE APRON	EACH	$900.00	5	$4,500.00			2	$1,800.00											3	$2,700.00							1	$915.00
2501.602	TRASH GUARD FOR 18" RC PIPE APRON	EACH	$915.00	1	$915.00																							1	$925.00
2501.602	TRASH GUARD FOR 21" RC PIPE APRON	EACH	$925.00	2	$1,850.00															1	$925.00								
2501.602	TRASH GUARD FOR 24" RC PIPE APRON	EACH	$950.00	2	$1,900.00															2	$1,900.00								

PRELIMINARY CONSTRUCTION COST ESTIMATE

WSB Project No: 1856-320/1849-06
Project Location: City of Afton, Washington County
Date: 12/15/2015

EXHIBIT B

				TOTAL PROJECT		CITY OF AFTON NON-PARTICIPATING										CITY & COUNTY 50% CO / 50% CITY		WASHINGTON COUNTY S.A.P 082-621-031								WASHINGTON COUNTY S.A.P 082-618-021			
						ROADWAY		STORM SEWER		BRIDGE NO. 82507		SANITARY SEWER		LEVEE & PUMP STATION		PIKE, AFTON BLVD E, 30TH ST E, 32ND ST E		ROADWAY		STORM SEWER 55% SAP/45% CITY		AESTHETICS 50% SAP/50% CITY		BRIDGE NO. 82507		ROADWAY		STORM SEWER 55% SAP/45% CITY	
Item Number	Description	Unit	Unit Price	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost
2501.602	TRASH GUARD FOR 27" RC PIPE APRON	EACH	$1,150.00	6	$6,900.00			1	$1,150.00											5	$5,750.00								
2501.602	TRASH GUARD FOR 36" RC PIPE APRON	EACH	$1,500.00	4	$6,000.00															4	$6,000.00								
2501.602	TRASH GUARD FOR 54" RC PIPE APRON	EACH	$2,650.00	2	$5,300.00															2	$5,300.00								
2501.602	TRASH GUARD FOR 60" RC PIPE APRON	EACH	$3,150.00	1	$3,150.00															1	$3,150.00								
2501.602	TRASH GUARD FOR 44" SPAN PIPE APRON	EACH	$3,500.00	4	$14,000.00															4	$14,000.00								
2501.602	TRASH GUARD FOR 58" SPAN PIPE APRON	EACH	$3,800.00	1	$3,800.00															1	$3,800.00								
2501.602	TRASH GUARD FOR 73" SPAN PIPE APRON	EACH	$4,400.00	2	$8,800.00															2	$8,800.00								
2502.521	4" TP PIPE DRAIN	LIN FT	$7.00	303	$2,121.00													206	$1,442.00							97	$679.00		
2502.541	4" PERF PE PIPE DRAIN	LIN FT	$8.00	12110	$96,880.00													8250	$66,000.00							3860	$30,880.00		
2502.541	6" PERF PE PIPE DRAIN	LIN FT	$35.00	280	$9,800.00									280	$9,800.00														
2502.601	3291 ST. CROIX TRAIL SEPTIC DISCONNECTION	LUMP SUM	$9,500.00	1	$9,500.00							1	$9,500.00																
2502.601	3235 ST. CROIX TRAIL SEPTIC DISCONNECTION	LUMP SUM	$9,500.00	1	$9,500.00							1	$9,500.00																
2502.601	3321 ST. CROIX TRAIL SEPTIC DISCONECTION	LUMP SUM	$9,500.00	1	$9,500.00							1	$9,500.00																
2502.601	3329 ST. CROIX TRAIL SEPTIC DISCONECTION	LUMP SUM	$9,500.00	1	$9,500.00							1	$9,500.00																
2502.601	3343 ST. CROIX TRAIL SEPTIC DISCONECTION	LUMP SUM	$9,500.00	1	$9,500.00							1	$9,500.00																
2502.601	3395 ST. CROIX TRAIL SEPTIC DISCONECTION	LUMP SUM	$9,500.00	1	$9,500.00							1	$9,500.00																
2502.601	3411 ST. CROIX TRAIL SEPTIC DISCONECTION	LUMP SUM	$9,500.00	1	$9,500.00							1	$9,500.00																
2502.601	3419 ST. CROIX TRAIL SEPTIC DISCONECTION	LUMP SUM	$9,500.00	1	$9,500.00							1	$9,500.00																
2502.602	4" PVC PIPE DRAIN CLEANOUT	EACH	$225.00	36	$8,100.00							36	$8,100.00																
2502.602	6" PVC PIPE DRAIN CLEANOUT	EACH	$400.00	21	$8,400.00							21	$8,400.00																
2503.521	58" SPAN RC PIPE-ARCH SEWER CLIIA	LIN FT	$103.00	258	$26,574.00															258	$26,574.00								
2503.541	12" RC PIPE SEWER DES 3006 CL V	LIN FT	$32.00	58	$1,856.00			58	$1,856.00																				
2503.541	15" RC PIPE SEWER DES 3006 CL V	LIN FT	$35.00	5960	$209,300.00			4124	$144,340.00											1428	$49,980.00							428	$14,980.00
2503.541	18" RC PIPE SEWER DES 3006 CL V	LIN FT	$44.00	1555	$68,420.00			681	$29,964.00											799	$35,156.00							75	$3,300.00
2503.541	21" RC PIPE SEWER DES 3006 CL III	LIN FT	$50.00	343	$17,150.00			33	$1,650.00											292	$14,600.00							18	$900.00
2503.541	24" RC PIPE SEWER DES 3006 CL III	LIN FT	$57.00	433	$24,681.00			103	$5,871.00											330	$18,810.00								
2503.541	27" RC PIPE SEWER DES 3006 CL III	LIN FT	$64.00	669	$42,816.00			481	$29,504.00											208	$13,312.00								
2503.541	27" RC PIPE SEWER DES 3006 CL V	LIN FT	$71.00	343	$24,353.00															343	$24,353.00								
2503.541	30" RC PIPE SEWER DES 3006 CL III	LIN FT	$75.00	1722	$129,150.00			366	$27,450.00											1356	$101,700.00								
2503.541	36" RC PIPE SEWER DES 3006 CL III	LIN FT	$83.00	119	$9,877.00															119	$9,877.00								
2503.541	42" RC PIPE SEWER DES 3006 CL III	LIN FT	$90.00	795	$71,550.00															795	$71,550.00								
2503.541	42" RC PIPE SEWER DES 3006 CL V	LIN FT	$105.00	286	$30,030.00															286	$30,030.00								
2503.541	48" RC PIPE SEWER DES 3006 CL III	LIN FT	$110.00	210	$23,100.00															210	$23,100.00								
2503.541	54" RC PIPE SEWER DES 3006 CL III	LIN FT	$118.00	160	$18,880.00			50	$5,900.00											110	$12,980.00								
2503.541	60" RC PIPE SEWER DES 3006 CL III	LIN FT	$143.00	51	$7,293.00															51	$7,293.00								
2503.601	SANITARY SEWER BYPASS PUMPING	LUMP SUM	$25,000.00	1	$25,000.00							1	$25,000.00																
2503.602	CONNECT TO EXISTING SANITARY SEWER	EACH	$1,500.00	1	$1,500.00							1	$1,500.00																
2503.602	CONNECT TO EXISTING STORM SEWER	EACH	$1,500.00	6	$9,000.00			1	$1,500.00									2	$3,000.00	3	$4,500.00								
2503.602	8"X4" PVC WYE	EACH	$100.00	68	$6,800.00							68	$6,800.00																
2503.602	8"X6" PVC WYE	EACH	$150.00	21	$3,150.00							21	$3,150.00																
2503.602	CHIMNEY SEAL (EXTERNAL)	EACH	$180.00	46	$8,280.00							46	$8,280.00																
2503.602	AIR RELIEF MANHOLE	EACH	$15,000.00	3	$45,000.00							3	$45,000.00																
2503.602	CONNECT TO EXISTING FORCE MAIN	EACH	$2,000.00	1	$2,000.00							1	$2,000.00																
2503.602	RESIDENTIAL SEPTIC DISCONNECTION	EACH	$7,500.00	3	$22,500.00							3	$22,500.00																
2503.603	4" PVC PIPE SEWER	LIN FT	$38.00	2925	$111,150.00							2925	$111,150.00																
2503.603	6" PVC PIPE SEWER	LIN FT	$44.00	1000	$44,000.00							1000	$44,000.00																
2503.603	8" PVC PIPE SEWER	LIN FT	$42.00	9738	$408,996.00							9738	$408,996.00																
2503.603	4" HDPE FORCEMAIN (DIRECTIONALLY DRILLED)	LIN FT	$65.00	8779	$570,635.00							8779	$570,635.00																
2503.603	TELEVISE SANITARY SEWER	LIN FT	$2.00	9738	$19,476.00							9738	$19,476.00																
2503.603	20" STEEL CASING PIPE	LIN FT	$100.00	80	$8,000.00							80	$8,000.00																
2503.603	PLUG FILL & ABANDON PIPE SEWER	LIN FT	$16.00	250	$4,000.00													250	$4,000.00										
2503.603	12" HDPE PIPE SEWER-DIRECTIONAL DRILLED	LIN FT	$140.00	109	$15,260.00			109	$15,260.00																				
2503.603	24" HDPE PIPE SEWER-DIRECTIONAL DRILLED	LIN FT	$225.00	183	$41,175.00															183	$41,175.00								
2504.602	CLEAN OUT MANHOLE	EACH	$15,000.00	3	$45,000.00							3	$45,000.00																
2505.601	UTILITY COORDINATION	LUMP SUM	$12,000.00	1	$12,000.00	0.10	$1,200.00	0.04	$480.00	0.01	$120.00	0.19	$2,280.00	0.19	$2,280.00	0.05	$600.00	0.19	$2,280.00	0.11	$1,320.00	0.03	$360.00	0.01	$120.00	0.07	$840.00	0.01	$120.00
2506.501	CONST DRAINAGE STRUCTURE DES 48-4020	LIN FT	$300.00	391	$117,300.00			174	$52,200.00											188	$56,400.00							29	$8,700.00
2506.501	CONST DRAINAGE STRUCTURE DES 60-4020	LIN FT	$400.00	155	$62,000.00			48	$19,200.00											102	$40,800.00							5	$2,000.00
2506.501	CONST DRAINAGE STRUCTURE DES 72-4020	LIN FT	$475.00	74	$35,150.00			6	$2,850.00											68	$32,300.00								
2506.501	CONST DRAINAGE STRUCTURE DES 84-4020	LIN FT	$750.00	17	$12,750.00															17	$12,750.00								
2506.501	CONST DRAINAGE STRUCTURE DES 96-4020	LIN FT	$900.00	12	$10,800.00															12	$10,800.00								
2506.502	CONST DRAINAGE STRUCTURE DESIGN H	EACH	$1,740.00	20	$34,800.00			5	$8,700.00											10	$17,400.00							5	$8,700.00
2506.502	CONST DRAINAGE STRUCTURE DESIGN SPECIAL 1	EACH	$7,500.00	1	$7,500.00															1	$7,500.00								
2506.502	CONST DRAINAGE STRUCTURE DESIGN SPECIAL 2	EACH	$7,500.00	1	$7,500.00			1	$7,500.00																				
2506.502	CONST DRAINAGE STRUCTURE DESIGN SPECIAL 3	EACH	$7,500.00	1	$7,500.00															1	$7,500.00								
2506.502	CONST DRAINAGE STRUCTURE DESIGN SPECIAL 4	EACH	$1,800.00	26	$46,800.00			25	$45,000.00											1	$1,800.00								
2506.516	CASTING ASSEMBLY	EACH	$750.00	175	$131,250.00			47	$35,250.00			39	$29,250.00							76	$57,000.00							13	$9,750.00
2506.601	LIFT STATION AND APPURTENANCES (SANITARY IMPROVEMENTS)	LUMP SUM	$200,000.00	2	$400,000.00							2	$400,000.00																
2506.601	LIFT STATION AND APPURTENANCES (LEVEE IMPROVEMENTS)	LUMP SUM	$525,000.00	1	$525,000.00									1	$525,000.00														
2506.602	CASTING ASSEMBLY SPECIAL	EACH	$1,750.00	12	$21,000.00							12	$21,000.00																
2506.603	CONST 48" DIA SAN SEWER MANHOLE	LIN FT	$200.00	640	$127,914.00							639.57	$127,914.00																
2511.501	RANDOM RIPRAP CLASS III	CU YD	$85.00	72	$6,120.00			11	$935.00					8	$680.00					43	$3,655.00							10	$850.00
2511.501	RANDOM RIPRAP CLASS IV	CU YD	$100.00	339	$33,900.00					22.5	$2,250.00			150	$15,000.00					122	$12,200.00			22.5	$2,250.00			22	$2,200.00
2511.507	GROUTED RIPRAP	CU YD	$200.00	30	$6,000.00															30	$6,000.00								
2511.515	GEOTEXTILE FILTER TYPE I	SQ YD	$4.00	3412	$13,648.00									3412	$13,648.00														
2511.515	GEOTEXTILE FILTER TYPE IV	SQ YD	$4.00	502	$2,008.00			22	$88.00	35	$140.00			16	$64.00					330	$1,320.00			35	$140.00			64	$256.00
2511.515	GEOTEXTILE FILTER TYPE V	SQ YD	$4.00	400	$1,600.00									400	$1,600.00														
2511.515	GEOTEXTILE FILTER TYPE VII	SQ YD	$4.00	340	$1,360.00									340	$1,360.00														
2511.604	POLY BARRIER	SQ YD	$100.00	55	$5,500.00															55	$5,500.00								
2521.501	4" CONCRETE WALK	SQ FT	$3.75	44185	$165,693.75	4675	$17,531.25									3506	$13,147.50	31329	$117,483.75							4675	$17,531.25		
2521.501	4" CONCRETE WALK SPECIAL	SQ FT	$4.75	13971	$66,362.25																	13971	$66,362.25						
2521.501	6" CONCRETE WALK	SQ FT	$5.00	5376	$26,880.00	314	$1,570.00									286	$1,430.00	4274	$21,370.00							502	$2,510.00		
2531.501	CONCRETE CURB & GUTTER DESIGN SPECIAL	LIN FT	$20.00	745	$14,900.00	745	$14,900.00																						
2531.501	CONCRETE CURB AND GUTTER DESIGN B424	LIN FT	$15.00	1544	$23,160.00													793	$11,895.00							751	$11,265.00		
2531.501	CONCRETE CURB AND GUTTER DESIGN B624	LIN FT	$15.00	10988	$164,820.00													9123	$136,845.00							1865	$27,975.00		
2531.501	CONCRETE CURB AND GUTTER DESIGN B418	LIN FT	$25.00	164	$4,100.00	164	$4,100.00																						
2531.501	CONCRETE CURB AND GUTTER DESIGN B618	LIN FT	$15.00	1045	$15,675.00	1045	$15,675.00																						
2531.501	CONCRETE CURB AND GUTTER DESIGN D418	LIN FT	$12.00	13450	$161,400.00	11136	$133,632.00									2314	$27,768.00												
2531.501	CONCRETE CURB AND GUTTER DESIGN D424	LIN FT	$12.00	274	$3,288.00													274	$3,288.00										
2531.507	7" CONCRETE DRIVEWAY PAVEMENT	SQ YD	$55.00	1323	$72,765.00	127	$6,985.00											1093	$60,115.00							103	$5,665.00		
2531.618	TRUNCATED DOMES	SQ FT	$50.00	674	$33,700.00	40	$2,000.00									44	$2,200.00	530	$26,500.00							60	$3,000.00		
2533.507	PORTABLE PRECAST CONC BARRIER DES 8337	LIN FT	$20.00	1200	$24,000.00													600	$12,000.00							600	$12,000.00		
2533.508	RELOCATED PORT PRECAST CONC BAR DES 8337	LIN FT	$5.00	1200	$6,000.00													600	$3,000.00							600	$3,000.00		
2540.602	INSTALL MAIL BOX SUPPORT	EACH	$75.00	8	$600.00	7	$525.00									1	$75.00												
2540.602	MAIL BOX SUPPORT	EACH	$75.00	14	$1,050.00													11	$825.00							3	$225.00		
2540.602	INSTALL BENCH	EACH	$300.00	2	$600.00									2	$600.00														
2540.618	INSTALL STONE PAVERS	SQ FT	$15.00	240	$3,600.00													240	$3,600.00										
2540.618	STONE RETAINING WALL	SQ FT	$45.00	810	$36,450.00	810	$36,450.00																						
2545.511	LIGHTING UNIT TYPE 9-30	EACH	$1,900.00	2	$3,800.00																	2	$3,800.00						
2545.511	LIGHTING UNIT TYPE SPECIAL	EACH	$5,000.00	26	$130,000.00																	26	$130,000.00						
2545.515	LIGHT FOUNDATION DESIGN E	EACH	$700.00	2	$1,400.00																	2	$1,400.00						
2545.515	LIGHT FOUNDATION DESIGN P	EACH	$500.00	26	$13,000.00																	26	$13,000.00						
2545.523	2" NON-METALLIC CONDUIT	LIN FT	$5.00	7000	$35,000.00																	7000	$35,000.00						
2545.523	3" NON-METALLIC CONDUIT	LIN FT	$7.00	10	$70.00																	10	$70.00						
2545.531	UNDERGROUND WIRE 1 COND NO 4	LIN FT	$1.60	24500	$39,200.00																	24500	$39,200.00						
2545.531	UNDERGROUND WIRE 1 COND NO 8	LIN FT	$1.20	7400	$8,880.00																	7400	$8,880.00						
2545.541	SERVICE CABINET-TYPE L2	EACH	$5,700.00	1	$5,700.00																	1	$5,700.00						
2545.544	SERVICE EQUIPMENT	EACH	$350.00	1	$350.00																	1	$350.00						
2545.545	EQUIPMENT PAD B	EACH	$700.00	1	$700.00																	1	$700.00						
2545.553	HANDHOLE	EACH	$1,700.00	1	$1,700.00																	1	$1,700.00						
2550.601	GENERATOR	LUMP SUM	$250,000.00	1	$250,000.00									1	$250,000.00														

PRELIMINARY CONSTRUCTION COST ESTIMATE

WSB Project No: 1856-320/1849-06
Project Location: City of Afton, Washington County
Date: 12/15/2015

EXHIBIT B

				TOTAL PROJECT		CITY OF AFTON NON-PARTICIPATING										CITY & COUNTY 50% CO / 50% CITY		WASHINGTON COUNTY S.A.P 082-621-031								WASHINGTON COUNTY S.A.P 082-618-021			
						ROADWAY		STORM SEWER		BRIDGE NO. 82507		SANITARY SEWER		LEVEE & PUMP STATION		PIKE, AFTON BLVD E, 30TH ST E, 32ND ST E		ROADWAY		STORM SEWER 55% SAP/45% CITY		AESTHETICS 50% SAP/50% CITY		BRIDGE NO. 82507		ROADWAY		STORM SEWER 55% SAP/45% CITY	
Item Number	Description	Unit	Unit Price	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost	Estimated Quantity	Estimated Cost
2554.501	TRAFFIC BARRIER DESIGN SPEICAL	LIN FT	$65.00	50	$3,250.00																					50	$3,250.00		
2554.501	TRAFFIC BARRIER DESIGN B8338	LIN FT	$30.00	463	$13,890.00																					463	$13,890.00		
2554.509	GUIDE POST TYPE B	EACH	$75.00	54	$4,050.00			3	$225.00					2	$150.00			22	$1,650.00	25	$1,875.00							2	$150.00
2554.523	END TREATMENT-TANGENT TERMINAL	EACH	$3,000.00	2	$6,000.00																					2	$6,000.00		
2554.615	IMPACT ATTENUATOR	AMBY	$2,000.00	4	$8,000.00													2	$4,000.00							2	$4,000.00		
2554.615	RELOCATE IMPACT ATTENUATOR	AMBY	$500.00	4	$2,000.00													2	$1,000.00							2	$1,000.00		
2563.601	TRAFFIC CONTROL	LUMP SUM	$55,000.00	1	$55,000.00	0.10	$5,500.00	0.04	$2,200.00	0.01	$550.00	0.19	$10,450.00	0.19	$10,450.00	0.05	$2,750.00	0.19	$10,450.00	0.11	$6,050.00	0.03	$1,650.00	0.01	$550.00	0.07	$3,850.00	0.01	$550.00
2564.531	SIGN PANELS TYPE C	SQ FT	$50.00	689	$34,450.00	46	$2,300.00									70	$3,500.00	387	$19,350.00							186	$9,300.00		
2564.531	SIGN PANELS TYPE D	SQ FT	$70.00	15	$1,050.00																					15	$1,050.00		
2564.531	SIGN PANELS TYPE SPECIAL	SQ FT	$300.00	42	$12,600.00													3	$900.00							39	$11,700.00		
2564.536	INSTALL SIGN PANEL TYPE SPECIAL	EACH	$200.00	20	$4,000.00													15	$3,000.00							5	$1,000.00		
2564.602	RELOCATE SIGN	EACH	$250.00	1	$250.00	1	$250.00																						
2564.602	RELOCATE SIGN 2	EACH	$1,000.00	1	$1,000.00	1	$1,000.00																						
2571.603	RAIN GARDEN 1	EACH	$15,000.00	1	$15,000.00	1	$15,000.00																						
2571.603	RAIN GARDEN 2	EACH	$15,000.00	1	$15,000.00	1	$15,000.00																						
2571.603	RAIN GARDEN 3	EACH	$15,000.00	1	$15,000.00	1	$15,000.00																						
2572.501	TEMPORARY FENCE	LIN FT	$7.00	3170	$22,190.00													2495	$17,465.00	675	$4,725.00								
2573.502	SILT FENCE, TYPE MS	LIN FT	$3.00	20380	$61,140.00	3035	$9,105.00							4180	$12,540.00	2365	$7,095.00	2760	$8,280.00	2530	$7,590.00					5510	$16,530.00		
2573.505	FLOTATION SILT CURTAIN TYPE MOVING WATER	LIN FT	$50.00	220	$11,000.00									220	$11,000.00														
2573.530	STORM DRAIN INLET PROTECTION	EACH	$250.00	150	$37,500.00	60	$15,000.00							3	$750.00	15	$3,750.00	61	$15,250.00							11	$2,750.00		
2573.533	SEDIMENT CONTROL LOG TYPE COMPOST	LIN FT	$3.00	3810	$11,430.00	977	$2,931.00									678	$2,034.00	1655	$4,965.00							500	$1,500.00		
2573.535	STABILIZED CONSTRUCTION EXIT	LUMP SUM	$12,000.00	1	$12,000.00	0.38	$4,560.00									0.12	$1,440.00	0.5	$6,000.00										
2573.560	CULVERT END CONTROLS	EACH	$250.00	9	$2,250.00	1	$250.00											5	$1,250.00							3	$750.00		
2574.508	FERTILIZER TYPE 3	POUND	$2.00	5557	$11,114.00	1203	$2,406.00							1953	$3,906.00	613	$1,226.00	271	$542.00	1116	$2,232.00					401	$802.00		
2574.525	BOULEVARD TOPSOIL BORROW	CU YD	$40.00	7617	$304,680.00	991	$39,640.00							2455	$98,200.00	645	$25,800.00	1726	$69,040.00	899	$35,960.00					901	$36,040.00		
2575.501	SEEDING	ACRE	$3,500.00	39	$138,500.00	8	$28,000.00							13	$45,500.00	4.2	$14,700.00	3.7	$12,950.00	7.5	$26,250.00					2.6	$9,100.00		
2575.502	SEED MIXTURE 25-131	POUND	$3.50	3338	$11,683.00	879	$3,076.50							1434	$5,019.00	449	$1,571.50	199	$696.50	80	$280.00					297	$1,039.50		
2575.502	SEED MIXTURE 33-261	POUND	$25.00	118	$2,950.00															118	$2,950.00								
2575.505	SODDING TYPE LAWN	SQ YD	$7.50	12943	$97,072.50	339	$2,542.50							3852	$28,890.00	500	$3,750.00	8252	$61,890.00										
2575.505	SODDING TYPE SALT TOLERANT	SQ YD	$7.50	9083	$68,122.50	378	$2,835.00											8705	$65,287.50										
2575.523	EROSION CONTROL BLANKET CATEGORY 1	SQ YD	$2.50	57347	$143,367.50	5813	$14,532.50							18618	$46,545.00	1883	$4,707.50	2074	$5,185.00	17995	$44,987.50					10964	$27,410.00		
2575.523	EROSION CONTROL BLANKET CATEGORY 3	SQ YD	$2.50	13586	$33,965.00									12923	$32,307.50			663	$1,657.50										
2575.562	HYDRAULIC MATRIX TYPE MULCH	POUND	$0.80	10726	$8,580.80	5857	$4,685.60									3476	$2,780.80	704	$563.20							689	$551.20		
2575.571	RAPID STABILIZATION METHOD 3	MGAL	$750.00	171	$128,250.00	32	$24,000.00							52	$39,000.00	16	$12,000.00	21	$15,750.00	29	$21,750.00					21	$15,750.00		
2582.501	PAVT MSSG (RT ARROW) POLY PREF-GR IN	EACH	$350.00	4	$1,400.00													1	$350.00							3	$1,050.00		
2582.501	PAVT MSSG (LT ARROW) POLY PREF-GR IN	EACH	$350.00	3	$1,050.00													2	$700.00							1	$350.00		
2582.501	PAVT MSSG (THRU ARROW) POLY PREF-GR IN	EACH	$350.00	12	$4,200.00											12	$4,200.00												
2582.501	PAVT MSSG (BIKE SYMBOL) POLY PREF-GR IN	EACH	$350.00	12	$4,200.00											12	$4,200.00												
2582.501	PAVT MSSG (HANDICAPPED SYMBOL) POLY PREF-GR IN	EACH	$450.00	8	$3,600.00	6	$2,700.00									2	$900.00												
2582.502	4" SOLID LINE WHITE - PAINT	LIN FT	$0.50	5480	$2,740.00	2840	$1,420.00											2640	$1,320.00										
2582.502	4" DOUBLE SOLID LINE YELLOW - PAINT	LIN FT	$1.00	1320	$1,320.00													1320	$1,320.00										
2582.502	4" SOLID LINE WHITE - EPOXY - GR IN	LIN FT	$3.00	16910	$56,730.00	3431	$10,293.00									3350	$10,050.00	7593	$22,779.00							4536	$13,608.00		
2582.502	4" DOUBLE SOLID LINE YELLOW - EPOXY - GR IN	LIN FT	$4.50	7224	$32,508.00													4830	$21,735.00							2394	$10,773.00		
2582.502	4" BROKEN LINE WHITE - EPOXY - GR IN	LIN FT	$1.00	284	$284.00											284	$284.00												
2582.502	24" SOLID LINE YELLOW - EPOXY - GR IN	LIN FT	$15.00	142	$2,130.00													84	$1,260.00							58	$870.00		
2582.503	CROSSWALK MARKING - POLY PREFORM - GR IN	SQ FT	$12.00	492	$5,904.00													492	$5,904.00										
TOTAL ESTIMATE					$12,194,243.05		$1,248,848.35		$543,851.00		$131,564.38		$2,254,164.00		$2,319,893.00		$582,155.80		$2,300,771.45		$1,394,166.50		$340,593.25		$131,564.38		$845,297.95		$101,373.00

CONSTRUCTION COST SUMMARY	
COUNTY:	ESTIMATE COST
CONSTRUCTION SAP 082-621-031	$2,432,335.83
STORM SEWER SAP 082-621-031 (55%)	$766,791.58
CONSTRUCTION SAP 082-621-021	$845,297.95
STORM SEWER SAP 082-621-021 (55%)	$55,755.15
AESTHETIC AMENITIES	$150,000.00
30TH ST E, 32ND ST E, PIKE AVE, AFTON BLVD E (50% CO/50% CITY)	$291,077.90
TOTAL COUNTY COSTS	$4,541,258.40
CITY:	
CONSTRUCTION	$6,498,320.73
STORM SEWER FROM SAP 082-621-031 (45%)	$627,374.93
STORM SEWER FROM SAP 082-621-021 (45%)	$45,617.85
AESTHETIC AMENITIES	$190,593.25
30TH STREET E, PIKE AVE, AFTON BLVD E (50% CO/50% CITY)	$291,077.90
TOTAL CITY COSTS	$7,652,984.65
TOTAL PROJECT COSTS	$12,194,243.05

10.C.1

City of Afton
3033 St. Croix Trl, P.O. Box 219
Afton, MN 55001

Meeting Date Dec.15, 2015
Council Action Memo

To: Honorable Mayor Bend and Members of the City Council

From: Ron Moorse, City Administrator

Date: December 15, 2015

Re: Office Assistant Appointment - **Supplemental**

With the retirement of Pat Joyce from his position as Office Assistant, staff advertised for candidates to fill the position and received 12 applications. Staff reviewed the applications and selected five candidates for interviews. The interviews were held on Thursday, December 10 and Monday, December 14. The interviews were conducted by the City Administrator, the Deputy Clerk, Mayor Bend and Council member Ross. Based on the interview process, it was the consensus of the interview team that the top candidate was Deb Meade. The interview team is recommending the appointment of Deb Meade to the position of Office Assistant, with a work schedule of 20 hours per week, a starting pay rate of $14.00 per hour, and a start date of Monday, December 21.

COUNCIL ACTION REQUESTED

Motion regarding the appointment of Deb Meade to the position of Office Assistant with a work schedule of 20 hours per week, a starting pay rate of $14.00 per hour, and a start date of Monday, December 21.