



Memorandum

To: NMCWD Board of Managers
From: Matt Kumka and Janna Kieffer
Subject: Edina Streambank Stabilization Project, Phase 2- Final Pay Application
Date: November 10, 2021
c: Randy Anhorn, District Administrator

The Edina Streambank Stabilization Project, Phase 2 has been completed. Enclosed is the Application for Payment #8 from Sunram Construction Company for work completed through 10/1/21. The pay request is for \$18,876.98 which includes \$6,750.00 for the completion of the 2-year warranty period for vegetation establishment and \$12,126.98 for the remaining retainage being held for the project. Barr has reviewed the application for payment, confirmed that the work for which payment is requested has been performed, believes to the best of our knowledge that the work has been performed in accordance with the terms of the contract with the Nine Mile Creek Watershed District, and is recommending approval of the pay request.

This is the final pay application for this project. As shown in the pay application request, the total work completed is \$496,299.70, which is higher than the current contract amount of \$491,829.50. The difference in cost between the total work completed and current contract amount reflects some differences in quantities needed during construction for several bid items in comparison with the bid quantities originally estimated during project design. The differences in quantities can be seen in the attached pay application table.

**Nine Mile Creek Restoration Project Phase II
Progress Payment Number 8 - FINAL PAYMENT**

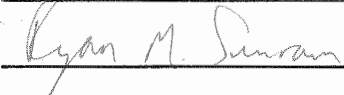
1.0	Total Completed Through This Period	<u>\$ 496,299.70</u>		
2.0	Total Completed Previous Period		<u>\$ 489,549.70</u>	
3.0	Total Completed This Period			<u>\$6,750.00</u>
4.0	Amount Retained, Pervious Period		<u>\$12,126.98</u>	
5.0	Amount Retained, This Period (See Note 1)		<u>\$12,126.98</u>	
6.0	Total Amount Retained		<u>\$12,126.98</u>	
7.0	Retainage Released Through This Period:			<u>\$12,126.98</u>
8.0	Amount Due This Period			<u><u>\$18,876.98</u></u>

Note 1: At rate of 5%

Note 2: Current Contract Price \$491,829.50

SUBMITTED BY:

Name: Ryan Sunram Date: 11/9/21
 Title: Project Manager
 Contractor: Sunram Construction, Inc.

Signature: 

RECOMMENDED BY:

Name: Bob Obermeyer Date: November 9, 2021
 Title: District Engineer
 Engineer: Barr Engineering Company

Signature: 

APPROVED BY:

Name: Bob Cutshall Date: _____
 Title: President
 Owner: Nine Mile Creek Watershed District

Signature: _____

Nine Mile Creek Phase 2 (Reach 12-13-14-15)
City of Edina

Line Item	Unit	Bid Qty	Unit Price	Total Bid	10/8/2018	11/6/2018	11/5/2020	10/1/2021	Total Complete
					Quantity Pay 1	Quantity Pay 2	Quantity Pay 3-7	Quantity Pay 8	
Mobilization	LS	1	\$36,400.90	\$ 36,400.90	0.5	0.5			\$36,400.90
Control of Water	LS	1	\$8,700.00	\$ 8,700.00	0.5	0.5			\$8,700.00
Traffic Control	LS	1	\$6,700.00	\$ 6,700.00	0.5	0.5			\$6,700.00
Construction Entrance	EA	6	\$800.00	\$ 4,800.00	2	4			\$4,800.00
Access and Haul Road	LS	1	\$15,000.00	\$ 15,000.00	0.5	0.5			\$15,000.00
Silt Fence	LF	1330	\$1.75	\$ 2,327.50		100			\$175.00
Sediment Log	LF	3340	\$3.25	\$ 10,855.00	2077	587			\$8,658.00
Rock Filter Dike	EA	5	\$1,850.00	\$ 9,250.00	2	3			\$9,250.00
Tree Protection Fencing	LF	1020	\$3.00	\$ 3,060.00	25	25			\$150.00
Inlet Protection	EA	12	\$150.00	\$ 1,800.00	2	1			\$450.00
Clearing and Grubbing	AC	5.68	\$10,260.00	\$ 58,276.80	5.68				\$58,276.80
Buckthorn Removal & Chemical Treat Stumps	AC	1	\$5,725.00	\$ 5,725.00	1				\$5,725.00
Street Sweeping	LS	1	\$3,200.00	\$ 3,200.00	0.25	0.75			\$3,200.00
Temporary Mulch	AC	0.31	\$5,600.00	\$ 1,736.00		1.4			\$7,840.00
Remove and Replace Fence	LF	480	\$53.00	\$ 25,440.00		480			\$25,440.00
Import and Install Root Wad	EA	18	\$675.00	\$ 12,150.00					\$0.00
Clear and Salvage Trees and Install Root Wad	EA	5	\$725.00	\$ 3,625.00	20	7			\$19,575.00
Clear and Salvage Trees and Install Log Vane	EA	4	\$450.00	\$ 1,800.00	4				\$1,800.00
Relocate Sprinkler Heads	LS	1	\$3,500.00	\$ 3,500.00		1			\$3,500.00
Channel Cleanup, Debris Removal, Disposal	LS	1	\$1,200.00	\$ 1,200.00	0.25	1.75			\$2,400.00
Grading	SY	5788	\$1.10	\$ 6,366.80		8309			\$9,139.90
Import Topsoil	CY	482	\$18.00	\$ 8,676.00					\$0.00
Furnish and Install Storm Sewer Flared End	EA	1	\$3,200.00	\$ 3,200.00		1			\$3,200.00
Import Riprap Class 3	TN	604	\$72.00	\$ 43,488.00	209	437			\$46,512.00
Construct Stream Crossing	EA	4	\$2,975.00	\$ 11,900.00	1	3			\$11,900.00
Construct Cross Vane-Single Boulder	LF	272	\$84.00	\$ 22,848.00	89	67			\$13,104.00
Construct Cross Vane-Double Boulder	LF	46	\$148.00	\$ 6,808.00		93			\$13,764.00
Construct Rock Vane-Single Boulder	LF	319	\$84.00	\$ 26,796.00	80	162			\$20,328.00
Excavation Bank Slope	CY	622	\$30.00	\$ 18,660.00	198	612			\$24,300.00
Excavation Riprap	CY	537	\$30.00	\$ 16,110.00	100	875			\$29,250.00
Excavation New Creek Channel	CY	1624	\$7.25	\$ 11,774.00	1200	424			\$11,774.00
Fill Old Creek Channel	CY	1321	\$10.00	\$ 13,210.00		1321			\$13,210.00
Seed Area	AC	4.73	\$2,950.00	\$ 13,953.50		4.73	0		\$13,953.50
Seed Mix 1 Wet Meadow	LB	20	\$55.00	\$ 1,100.00		20			\$1,100.00
Seed Mix 2 Floodplain Forest	LB	10	\$147.00	\$ 1,470.00		10			\$1,470.00
Seed Mix 3 Upland Construction Restoration	LB	0	\$500.00	\$ -					\$0.00
Seed Mix 4 Wet Meadow South and West	LB	7	\$84.00	\$ 588.00		7	0		\$588.00
Seed Mix 5 Low Maintenance Turf	LB	47	\$6.00	\$ 282.00		47			\$282.00
Seed Mix 6 Cover Crop	LB	474	\$0.55	\$ 260.70		474			\$260.70
Sod	SY	0	\$50.00	\$ -					\$0.00
Live Stake	EA	175	\$9.00	\$ 1,575.00		175			\$1,575.00
#5 Container Tree	EA	45	\$82.00	\$ 3,690.00		45			\$3,690.00
#2 Container Shrub	EA	152	\$40.00	\$ 6,080.00		152			\$6,080.00
Shredded Hardwood Mulch	CY	163	\$69.00	\$ 11,247.00		163			\$11,247.00
Erosion Control Blanket	SY	7288	\$1.85	\$ 13,482.80		2250	2514	0	\$8,813.40
Vegetation Establishment & Warranty-Year 1-2	LS	1	\$13,500.00	\$ 13,500.00			0.5	0.5	\$13,500.00
Alt 1 Vegetation Establishment-Years 3-5	LS	1	\$	\$ -					\$0.00
CO2 Removal & Disposal of Contaminated	TN	17	\$100.00	\$ 1,700.00			17		\$1,700.00
CO2 Komatsu Mid Excavator	HR	2	\$225.00	\$ 450.00			2		\$450.00
CO2 Laborer	HR	2	\$65.00	\$ 130.00			2		\$130.00
CO1 Remove 12" PVC Pipe	LF	10	\$15.00	\$ 150.00			10		\$150.00
CO1 Install Pipe 12" Schedule 35 PVC	LF	40	\$56.00	\$ 2,240.00			40		\$2,240.00
CO1 Install Pipe Metal Flared End	EA	1	\$450.00	\$ 450.00			1		\$450.00
CO1 Install Pipe 45 Degree Elbow	EA	2	\$500.00	\$ 1,000.00			2		\$1,000.00
CO3 Import Fill	CY	195	\$46.50	\$ 9,067.50			195		\$9,067.50
CO3 Excavator T&M on 7/22, 7/23	HR	15.5	\$135.00	\$ 2,092.50			15.5		\$2,092.50
CO3 Skid Loader T&M on 7/22, 7/23	HR	15.5	\$125.00	\$ 1,937.50			15.5		\$1,937.50
CO Excavator T&M on 7/18, 7/19	HR	17.75	\$135.00	\$ 2,406.25				0	\$0.00
CO Skid Loader T&M on 7/18, 7/19	HR	17.5	\$125.00	\$ 2,187.50				0	\$0.00
				<u>\$491,829.50</u>					<u>\$496,299.70</u>

Pay App 1 \$177,086.50
 Pay App 2 \$285,684.80
 Pay App 3 \$6,930.90
 Pay App 4 \$13,097.50
 Pay App 5 Retainage Only
 Pay App 6 \$3,375.00
 Pay App 7 \$3,375.00
 Pay App 8 \$6,750.00