

Watertown City Council

Date: February 26, 2019

Agenda Item:	Crow River Stabilization at Riverpointe
Request for Action:	Adopt Resolution #2019-32, Approve quote for Riverpointe Shoreline Stabilization
Department:	Engineering

Background:

During the summer of 2018 staff had identified significant erosion along the Crow River adjacent to a portion of trail in the Riverpointe development. At the November 13 meeting, Council had discussed the options to repair the area and considered factors such as cost, permitting challenges, and timing of the work. At the February 12 Council Meeting, staff was directed to acquire quotes for placing rip rap along the bank of the Crow River as this was a low-cost option, required minimal permitting due to the small size of the project, and would allow the work to be completed in frozen conditions prior to the anticipated spring flood and potential erosion. The amount of work quoted included stabilizing the critically eroded 90 lineal feet of riverbank.

Quotes were received on February 20, 2019 from five bidders. The bids are summarized below:

Bidder:	Base Bid:
Schneider Excavating	\$17,000
Machtemes Construction	\$20,850
Sunram Construction	\$22,950
Barber Construction	\$23,500
Widmer Construction	\$33,750

The City has budgeted \$35,000 in the CIP for this project. Based on the low bid from Schneider Excavating and accounting for an estimated 25% in engineering, administration, and inspection costs, the total project amount is estimated to be \$21,250, as bid. After review and verification of the bids, staff discussed with Schneider Excavating if they would be interested in stabilizing additional length of the river and to work within the overall budget amount. Schneider Excavating indicated that they would be willing to complete additional work adjacent to the current area. Staff estimates that the City would be able to stabilize an additional 60-90 lineal feet of the river bank and still remain within the overall project budget of \$35,000. The work is anticipated to be completed the first two weeks of March. Final turf establishment may continue into spring/early summer.

Staff recommends awarding the project to the low bidder, Schneider Excavating in the amount of \$17,000, or a not to exceed amount of \$28,000 to complete additional length of stabilization.

Attachments:

Bid Abstract for Riverpointe Trail Stabilization

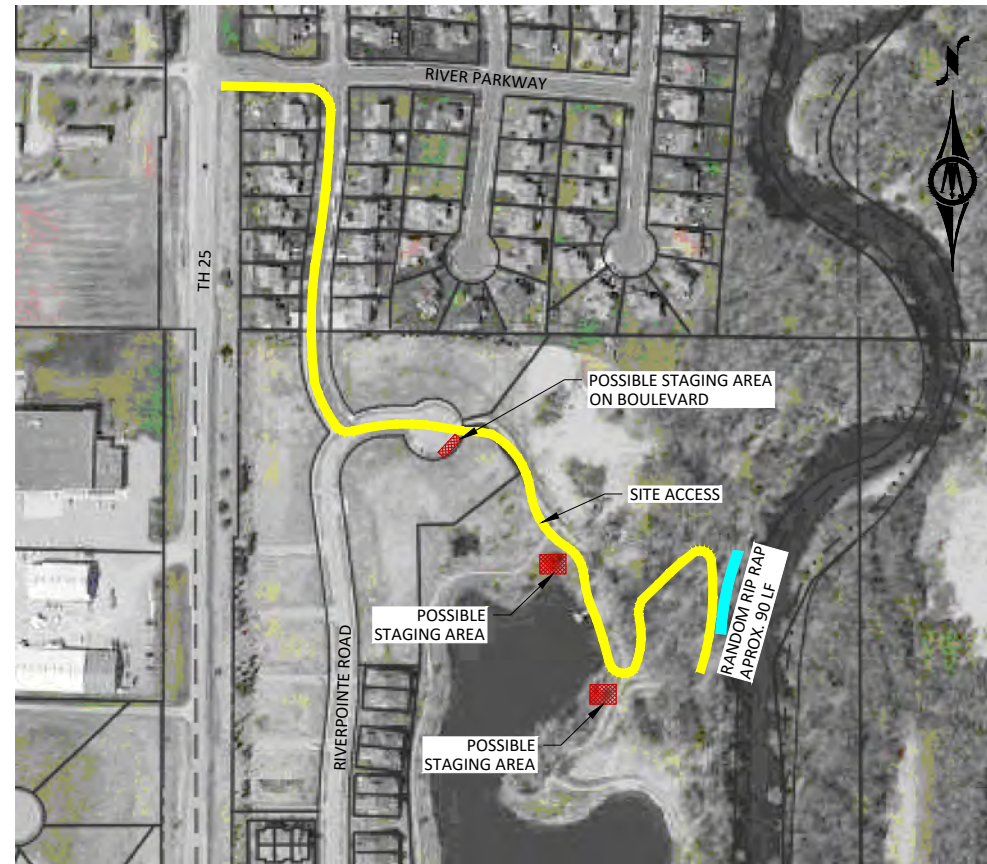
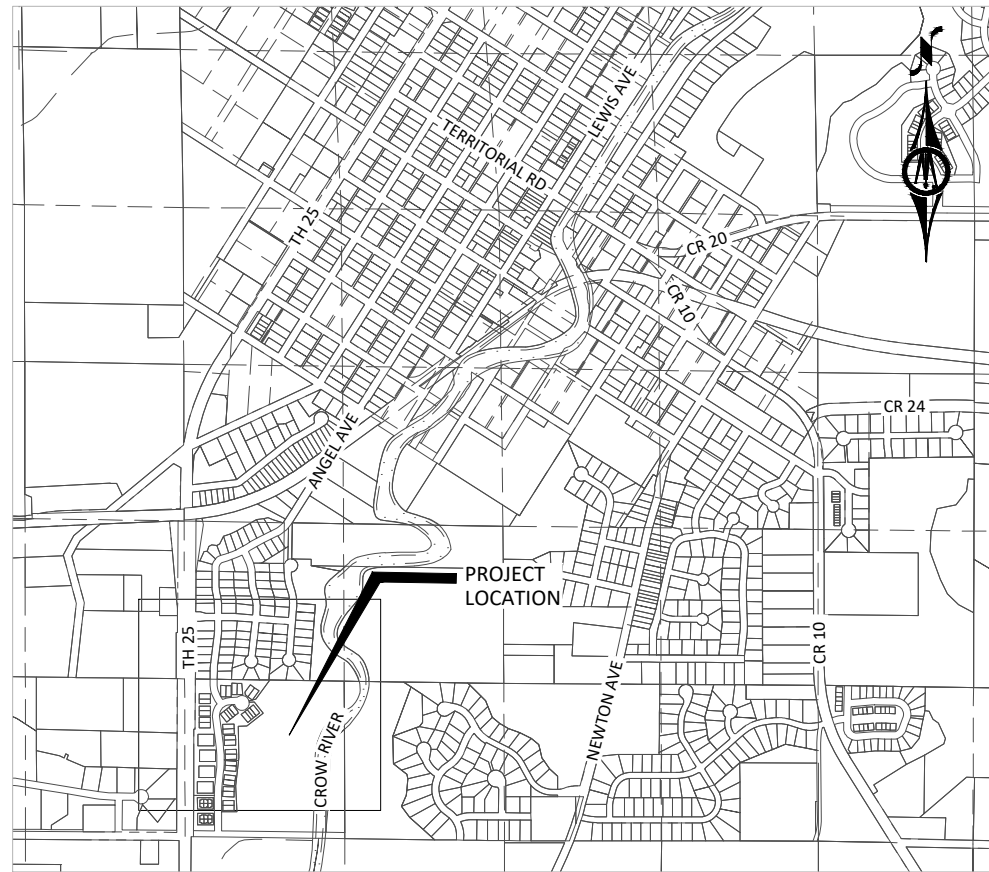
Plan sheet for Riverpointe Trail Stabilization

Resolution #2019-32

ABSTRACT OF BIDS

RIVERPOINTE TRAIL STABILIZATION
 CITY OF WATERTOWN, MINNESOTA
 BMI PROJECT NO. C16.118043

ITEM NO.	BID ITEM	APPROX. QUAN.	UNIT	1		2		3		4		5	
				SCHNEIDER EXCAVATING	MACHTEMES CONSTRUCTION	SUNRAM CONSTRUCTION	BARBER CONSTRUCTION	WIDMER CONSTRUCTION					
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	MOBILIZATION	1	LUMP SUM	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00
2	RIPRAP CLASS III	150	TON	\$70.00	\$10,500.00	\$91.00	\$13,650.00	\$84.00	\$12,600.00	\$100.00	\$15,000.00	\$155.00	\$23,250.00
3	TURF RESTORATION	1	LUMP SUM	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00	\$3,350.00	\$3,350.00	\$2,500.00	\$2,500.00	\$500.00	\$500.00
4	ALLOWANCE	1	LUMP SUM	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
			TOTAL BID:		\$17,000.00		\$20,850.00		\$22,950.00		\$23,500.00		\$33,750.00



GENERAL NOTES:

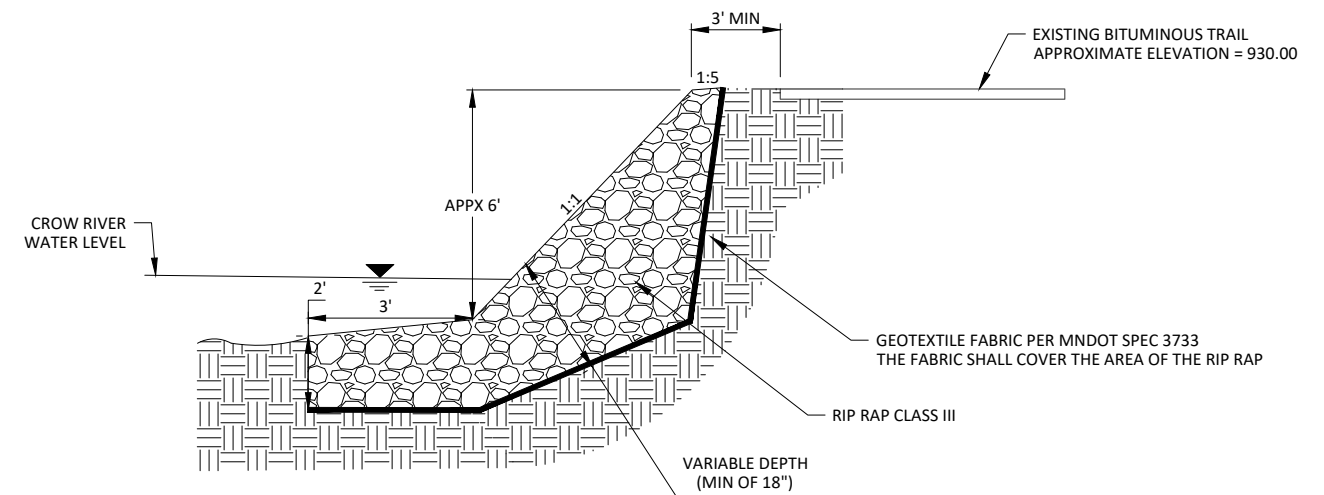
1. CITY WILL GRANT PERMISSION TO HAVE 10 TON/AXLE LOADS ON LOCAL CITY STREETS IF ROAD RESTRICTIONS ARE IN PLACE.
2. CONTRACTOR SHALL PROTECT EXISTING ROADWAYS AND TRAILS BY STOCKPILING RIP RAP IN STAGING AREAS AND USING RUBBER TRACKED EQUIPMENT ON BITUMINOUS SURFACES WHEN POSSIBLE.
3. TURF RESTORATION SHALL INCLUDE WORK SITE AREA, STAGING AREA, AND ANY TURF DISTURBED ALONG ACCESS ROUTE.
4. WORK SHALL BE COMPLETED AS SOON AFTER AWARD AS POSSIBLE. AWARD IS ANTICIPATED TO BE ON FEBRUARY 26TH, 2019.
5. THE NORTH FORK OF THE CROW RIVER TYPICALLY CRESTS DURING SPRING MELT IN MID MARCH OR LATER. SEE https://water.weather.gov/ahps2/hydrograph.php?wfo=mpx&prob_type=stage&gage=maym5 FOR UP TO DATE RIVER LEVEL INFORMATION.
6. NO TREES OR TREE LIMBS SHALL BE REMOVED OR DAMAGED ALONG SITE ACCESS ROUTE AND RIVER BANK.



Existing Trail Looking South



Existing Trail Looking North



NOTES:

1. KEY IN RIPRAP TO EXISTING SLOPES ON UPSTREAM AND DOWNSTREAM ENDS.
2. FIELD CONDITIONS MAY DIFFER. CONTRACTOR TO COORDINATE WITH ENGINEER DURING CONSTRUCTION.

RANDOM RIP RAP RIVERBANK STABILIZATION DETAIL

**CITY OF WATERTOWN
RESOLUTION NO. 2019-32**

**RESOLUTION APPROVING THE LOW QUOTE FOR THE RIVERPOINTE SHORELINE
STABILIZATION PROJECT**

WHEREAS, the City of Watertown (the “City”) builds and maintains trail ways for the benefit of the public; and

WHEREAS, the City has determined that the integrity of the trail segment adjacent to the South Fork Crow River is compromised due to shoreline erosion; and

WHEREAS, the City has determined that the preferred mitigation effort is to extend approximately armored rip-rap to stabilize and protect this train infrastructure; and

WHEREAS, the City has budgeted \$35,000 for this project effort as project #CI098 in the 2019 Capital Investment Plan; and

WHEREAS, Schneider Excavating submitted the low quote of \$17,000 to place 90’ or armored rip-rap in the project area; and

WHEREAS, additional work is authorized in a not to exceed amount of \$28,000 to armor an additional 60’ to 90’ of shoreline; and

BE IT FURTHER RESOLVED, , that the City Council of the City of Watertown, Minnesota, hereby approves the low quote from Schneider Excavating for the 2019 Riverpointe Shoreline Stabilization Project.

Adopted by the City Council of the City of Watertown this 26th day of February, 2019.

Steve Washburn, Mayor

ATTEST: _____
Lynn Tschudi, Clerk/Treasurer