

Memo

To: Mayor Rogin and the Board of Trustees
From: Tracy Sanders-Project Manager
Date: July 1, 2024
Re: St Vrain River Streambank Restoration - Carter Court

Background:

The 2013 flood throughout the Town caused extensive streambank erosion and sedimentation that impacted infrastructure, residences, businesses, structures, and buildings. The proposed streambank restoration project area is located along the St. Vrain Creek just downstream from McConnell Drive Bridge and McConnell Ponds in the Town limits. This area of the streambank was significantly impacted by the flood.

Existing houses and a new residential housing development are directly above the south bank of this area of St Vrain Creek east of McConnell Drive. The south stream bank suffered significant erosion damage when the creek channel shifted south and continues to erode. See the pictures included with this memo.

Initially, this project area was included in a larger streambank restoration project that was sponsored by EWP and designed by Engenuity Engineering Solutions in 2017. However, this project area was previously owned by a private landowner who was not interested in participating in the 2017 project to stabilize the eroded streambank. This property is now owned by the Town of Lyons, and the construction of a new affordable housing neighborhood in this location poses an increased safety hazard, with the bank continuing to erode. Restoring the streambank would improve the safety of residents and would also protect against potential impacts on stream health if the bank were to collapse.

Staff has secured funding from CWCB and St Vrain Left Hand Water Conservation District (SVLHWD) for most of the design. Town staff is now in the process of reviewing 60% design plans provided by the design consultant. With the design nearing completion, staff are looking for other funding opportunities to support the construction and rehabilitation of the streambank.

Design Budget \$145,138

Design Funding

CWCB	\$75,000
SVLHWCD	\$27,500
Town	\$42,638

DOUBLE GATEWAY
TO THE ROCKIES

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Staff is recommending applying to the Colorado Water Conservation Board (CWCB) for construction funding. The match for the CWCB funding is 50%. The match can be cash or donated materials or donated resources. The Town has acquired donated materials to assist with the match requirement. However, a portion of the match will still be required. The staff is asking for direction from the Board. Should staff move forward with the grant application? How would the Board suggest funding the remaining match? The staff has identified two options for the grant match:

Flood Set Aside: The Flood Set Aside was intended for project shortfalls, ineligible flood recovery expenses, and potential audit “clawback.” Since this project is a direct result of the flood and would fall within the purpose of the Flood Set Aside funds, it could be used for this project.

General Fund: There is approximately \$300,000 available after the 2024 reserve requirement is met.

Current Construction Estimate	\$661,139.00
CWCB Request	\$330,569.50
Town Donated Materials Match	\$209,000.00
Town Cash Match	\$121,569.50

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Proposed Timeline

CWCB Grant Submission Deadline	July 1, 2024
Award	December 2024
Procurement	Dec 2024/Jan 2025
Construction	January-June 2025

Next CWCB Opportunity	
Grant Submission Deadline	December 2024
Award	May 2025
Procurement	Summer/Fall 2025
Construction	Fall/Winter 2025

Another potential opportunity for funding is the federal Building Resilient Infrastructure and Communities (BRIC) grants. The next application deadline is January 2025; the award may be in late 2025 or early 2026. This is a national competition with a match requirement of 20-30%.

Requested Action

Direction on moving forward with CWCB grant application due July 1, 2024.

Thank you for your consideration and direction.

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