

Preliminary Information to Support Proposed Project Ideas for Addressing Water Quality and Habitat Protection and Restoration in the Cayuga Lake Watershed

4/9/2020

PROPOSED PROJECT #23: County Road 150 Streambank / Roadbank Stabilization Project, Town of Covert

Proposed Project Category: *can address more than one issue*

1. Stormwater management and **erosion control**

PROPOSED PROJECT LOCATION:

County Road 150 / Lively Run, Town of Covert, Seneca County

On the North side of the road and a bit to the west of Lucas Vineyards 3862 County Rd 150, Interlaken, NY 14847

LANDOWNER (S): *Identify private or public property owner(s) and contacts if known*

Tax Parcel # 6-1-57 Rumsey

Tax Parcel # 6-1-58 MacCheyne

Does project relate to/advance any existing local, regional, watershed, or statewide plans?

Cayuga Lake Watershed Restoration and Protection Plan

ISSUE TO BE ADDRESSED:

This project will address approximately 300' of streambank stabilization and erosive undercutting of County Rd. 150, a main artery from the shores of Cayuga Lake to the Village of Interlaken and the state routes nearby. Without stabilization, County Rd. 150 will become a casualty of Lively Run and need to be closed permanently or until Seneca County can secure funding to make necessary repairs. Streambank erosion and sedimentation rates have accelerated in Lively Run since the storm event in August of 2018. A section of Lively Run along County Rd. 150 is eroded to bedrock and is undermining the shoulder of the road. The erosion is so severe that the road will have to be closed.

PROPOSED PROJECT OR ACTION: *Describe the proposed action and anticipated outcome*

To help mitigate this problem, Seneca County Soil & Water Conservation District proposes the design and construction of a comprehensive stream and road bank stabilization project along approximately 300' of Lively Run. Once a design is complete, a contractor will be selected to implement the planned stream and road bank stabilization project. Successful completion of the project will reduce both municipal and private property loss, reduce sedimentation and protect public drinking water supplies via downstream benefits to Cayuga Lake. This proposed project will mitigate streambank erosion and thus sediment, nutrient and contaminant load to Cayuga Lake, a class AA(T) drinking water source for numerous municipalities, thus mitigating the toxic effects of harmful algal blooms by limiting their nutrient availability. A well near the Lively Run outlet also serves as the Village of Interlakens' drinking water supply.

Is the proposed project or action based on STANDARD PRACTICES typically employed for the issue at hand? *Yes/No.*

Yes, Hard armor streambank and roadbank stabilization methods are common mitigation practices.

CURRENT PROJECT READINESS: *With funding, could this project be undertaken immediately; or, has any preliminary site work been undertaken (studies completed, permits obtained, designs developed, etc.); or, does this project exist as a concept only at this time?*

This project is conceptual only. There are no permits nor designs. If funding is sought, permits will be applied for. Funding budgets will need to include money and time for hiring a professional Engineer. In addition, the Seneca SWCD applied for funding in 2019 through the CFA WQIP Non Ag NonPoint Source Round 16 but funding was not awarded.

APPROXIMATE PROJECT TIMEFRAME: *Estimate if known*

Project could be ready for implementation with 1 year for planning and design and 2 years for implementation.

APPROXIMATE COST ESTIMATE: *Estimate if known*

Total including Engineering and Implementation is approximately \$350,000-\$600,000.

POTENTIAL LOCAL MATCH AND SOURCE:

The Seneca County Soil & Water District & Seneca County Highway Department are will to commit a portion of their time as in-kind and the Highway Depart may be able to commit a small percentage of funding to the implementation.

CONTACT(S) FOR ADDITIONAL INFORMATION: *Name, phone and e-mail of person recommending the project AND if different, the name, phone and e-mail for a project contact.*

Erin Peruzzini, Seneca SWCD, 315-568-4366 ext 6039 or erin.peruzzini@ny.nacdn.net

