

**Proposed Project #14: Lychuck Streambank Remediation, Town of Caroline**

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

1. Stormwater management and erosion control – Stream bank stabilization and possibly riparian buffer.

**Does project relate to/advance any existing local, regional, watershed, or statewide plans? (i.e., municipal comprehensive plan, watershed plan, regional sustainability plan, NYS comprehensive invasive species management plan, etc.)**

Cayuga Lake Restoration Plan

**Proposed Project Location:** Boiceville Rd/Six-Mile Creek, Caroline NY

**Landowner** *Private Landowner, Joe Lychuck*

**Issue to be addressed:**

Bed and Bank erosion; sediment and nutrient transport and bank erosion would be addressed. A riparian buffer would be a desirable component of the project, but would need to be discussed with the landowner.

**Proposed Project or Action** Stream bank stabilization and in-stream stabilization. Erosion control and stream alignment.

Stream bed grade control, energy dissipation, stabilize sinuosity, connect to floodplain, bank vegetation, channel realignment. Need to go upstream, (ex) put in cross veins to take out energy and slow the stream down to reduce erosion. Tompkins County SWCD has done surveying at the site; design and funding needed.

**Is the proposed project or action based on standard practices typically employed for the issue at hand** *Yes/No. If no, what is the basis for recommending this project or action (ongoing research, successful pilot outside of watershed, etc.)*

Yes.

**Current Project Readiness:** Survey of the project site has occurred and a design needs to be developed.

**Approximate Project Timeframe** *need 2-3 months for design potentially; 12 months project*

**Approximate Cost** *unknown/\$100,000*

**Potential Local Match Source:** possible small landowner contributions; possible Tompkins County habitat fund (total of \$25K/year)

**Contact(s) for Additional Information** Angel Hinickle, Tompkins County Soil and Water Conservation District; Barry Goodrich