

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

**PROPOSED PROJECT #15:** 20 Middaugh Road, Town of Caroline

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

1. Stormwater management and erosion control
2. Riparian Corridor Management

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

Cayuga Lake Watershed Restoration and Protection Plan

**Proposed Project Location:** 20 Middaugh Rd/Beaver Creek

**Landowner:** Private property; Jim and Sarah Jane Blake

**Issue to be addressed:** Bed and bank erosion. Threat to home foundation and other infrastructure on other parcels including downstream bridge. Stream alignment. Sediment transport/turbidity. Nutrient transport. Current project underway: cross vein, side vein, and approximately 300 feet of stream bank armoring (rip rap) installed. Major portion of project completed mid 7/20.

**Proposed Project or Action:** Fall plantings in the floodplain. Cannot be planted too soon. Floodplain has been seeded and mulched, but woody vegetation must be planted to ensure long term erosion control on the site. Willows will be planted along the stream side within the rip rap and up to bank full. Other flood tolerant woody vegetation--sycamore, black locust, etc.--will be planted in the floodplain for 250-300' of stream channel.

**Is the proposed project or action based on standard practices typically employed for the issue at hand**  
Yes.

**Current Project Readiness** Project largely complete. Fall 2020 preferred start date(!)

**Approximate Project Timeframe** 3 months.

**Approximate Cost** \$1,000

**Potential Local Match Source** landowners have already contributed \$17,000; possibly Tompkins County habitat fund (total of \$25K/year)

**Contact(s) for Additional Information** Barry Goodrich