

## 5.1 Potential Schoharie Creek/East Kill Restoration Projects for 2007

**Project Name:** Schoharie Street

**Project Location:** Village of Hunter

Goals	Benefits/Opportunities	Partners
<p>1. Protect public infrastructure, village road</p> <p>2. Protect private property</p> <p>3. Demonstrate use of Vegetated Reinforced Soil Stabilization (VRSS) as viable option for stabilization of steep slopes.</p> <p>4. Integrate appropriate stream morphology factors as biotechnology (VRSS) in FEMA mitigation project.</p> <p>5. Improve riparian condition and stewardship on reach scale, work with additional owners.</p>	<p>1. Protection of public/private property</p> <p>2. Opportunity to work with Village and owners to reconfigure road and driveways to reduce risk.</p> <p>3. Opportunity to work with new engineering firm (Delaware) and integrate stream morphology in their work.</p> <p>4. Cost-share with Village via FEMA Public Assistance Funds.</p> <p>5. Address chronic problem in Village and protect water quality by slowing up-and-downstream bank erosion.</p>	<p>1. NYCDEP – Funding</p> <p>2. GCSWCD – project coordination</p> <p>3. Village of Hunter – Manpower &amp; Equipment, assist with VRSS</p> <p>4. Delaware Engineering – design</p> <p>5. Landowners – riparian buffers, approve reconfiguration</p>



*Left Bank, where VRSS would be installed*



*Right Bank, potential riparian buffer planting area*

**Project Name:** Lexington Hamlet Projects

**Project Location:** Town of Lexington

Goals	Benefits/Opportunities	Partners
<p><i>CRT 13A/State Access Culvert</i></p> <ol style="list-style-type: none"> <li>1. Provide fix for consistent flooding problem</li> <li>2. Enhance public perception</li> <li>3. Protect private property</li> <li>4. Protect public infrastructure</li> <li>5. Provide passage for biota</li> </ol> <p><i>Revegetation/Education</i></p> <ol style="list-style-type: none"> <li>1. Provide suite of riparian buffer benefits, particularly on lower portion near West Kill once the areas are replanted.</li> <li>2. Both sites part of DEC fishing access area with an improved parking area. Educational kiosk at DEC parking/access area could provide description of buffer...importance...etc. – could also explain any other project components that may occur here – show map of area....public fishing sites, etc.</li> </ol>	<ol style="list-style-type: none"> <li>1. Cost-share with County DPW</li> <li>2. Projects compliment each other thus increasing benefits</li> <li>3. Strong ecological component</li> <li>4. Educational kiosk offers opportunity for outreach in a highly visible/public location</li> <li>5. Assists efforts of Lexington Betterment Committee, thus providing support for local initiative.</li> </ol>	<ol style="list-style-type: none"> <li>1. NYCDEP – funding for coordination and materials.</li> <li>2. GCSWCD - project coordination</li> <li>3. NYSDEC - assist with manpower and equipment on fishing access planting</li> <li>4. Landowners – funding, permanent easements, in-kind equipment/labor, long-term management plans, funds for easement stewardship</li> <li>5. Trout Unlimited – Labor for planting</li> </ol>



*Culvert to be replaced*



*Riparian Buffer Planting Sites*

**Project Name:** Residential Riparian Plantings

**Project Location:** Schoharie or East Kill Watershed

Goals	Benefits/Opportunities	Partners
Enhance riparian buffer in backyard type setting: <ol style="list-style-type: none"> <li>1. Pilot buffer program for residential properties.</li> <li>2. Provide suite of benefits provided by riparian vegetation.</li> <li>3. Pilot working with private homeowner.</li> </ol>	<ol style="list-style-type: none"> <li>1. Cost share with homeowner</li> <li>2. Pilot backyard buffer program</li> <li>3. Protect water quality</li> </ol>	<ol style="list-style-type: none"> <li>1. NYCDEP – funding for coordination and materials.</li> <li>2. GCSWCD - project coordination/planting</li> <li>3. Land owner – Cost share</li> </ol>



*Potential Riparian planting site along the Schoharie Creek*



*Potential Riparian planting site along the East Kill*



*Potential Riparian planting site along the Schoharie Creek*