CHEMUNG COUNTY SWCD’S COUNTY SHARED EQUIPMENT FOLLOWPA NOVEMBER 17TH, 2020
WIN LOTTO! BY DISCOVERING THE LUCKIEST HOURS OF YOUR LIFE

Sun
May 4, 1999

THE GREAT FLOODS TO COME!
WORST IN 100 YEARS

- Raging rivers pour into inland cities
- Giant tidal waves smash all coasts
- Deadly plagues unleashed
- What you need to do to survive PLUS more

Shocking Bible warnings confirmed by global weather scientists
Tropical Lee Storm Flooding

Before

After
Back in 2011, the Town of Chemung’s Supervisor, George Ritcher and Highway Superintendent, Chris Doane, discussed putting together a “Countywide Stream Program”.
Proposed Countywide Streambank Program

Concept-County purchase equipment
Towns-Pay into insurance-maintenance & replacement fund
District-House-coordinate use of equipment
<table>
<thead>
<tr>
<th>Town</th>
<th>Population</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Ashland</td>
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<td>Total</td>
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The County Executive was approached to discuss the program - after discussion the County agreed to earmark $400,000.00 to purchase an excavator and dozer.

After 9 years, the Countywide Stream Program has roughly 1.9 Million Dollars of Equipment.
Excavators
Bull Dozers
Rock Truck

Off Road Dump Truck
FL-LOWPA Funds

- Portion of Insurance
- Portion of Maintenance
- Portion of Equipment Operator
Panther Lick Creek
WQIP Grant $250,000.00
$100,000.00 Material
Rest In-Kind
Streambank Stabilization Improvement Plan Notes:

1. Install Stacked Rock Reveitment with a Vegetated Bench.
   - Blend with existing rockwall at the downstream end. Blend into existing grade at the upstream end.
   - Install bendway weirs along base of Stacked Rock Reveitment.

2. Move existing displaced rock reveitment from channel and reset.

3. Request utility company to relocate existing pole away from the top of the streambank.

4. Install Stacked Rock Reveitment with bendway weirs along base.

5. Excavate embankment at inside of bend to create an overflow area.
   - The overflow area shall be approximately 2 foot higher than the adjacent stream invert.
   - Slope to existing grade at a maximum of 3 horizontal: 1 vertical.

6. Install Placed Dimensional Rock Reveitment with bendway weirs along base.

7. Install Stacked Rock Reveitment with a Vegetated Bench with bendway weirs along base.

8. Install Stacked Rock Reveitment with a Vegetated Bench with bendway weirs along base.


10. Install Bandway Weirs.

11. Remove existing gravel bar and realign/establish channel.

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Improvement Plan

Panther Lick Streambank Stabilization Project
Town of Catharine, Chemung County, New York

Prepared By

Chemung County Stormwater Coalition
851 Chemung Street
Horseheads, New York 14845

1 in = 60 ft
Streambank Stabilization Improvement Plan Notes:

12. Install Engineered Rock Riffle.

13. Install Stacked Rock Revetment with a Vegetated Bench and/or Placed Dimensional Rock Revetment with bendway weirs along base.


15. Remove gravel bar to create an overflow area and relocate stream channel.
   - Overflow area shall be approximately 1 foot higher than the adjacent stream channel invert.
   - Slope to existing grade at a maximum of 3 horizontal:1 vertical.


17. Install Placed Dimensional Rock Revetment with bendway weirs along base.

18. Remove gravel bar to create an overflow area and realign stream channel.
   - Overflow area shall be approximately 1 foot higher than the adjacent stream channel invert.
   - Slope to existing grade at a maximum of 3 horizontal:1 vertical.

19. Install Stacked Rock Revetment with a Vegetated Bench and/or Placed Dimensional Rock Revetment with bendway weirs along base.

20. Install Bendway Weirs.


22. Install Stacked Rock Revetment with a Vegetated Bench with bendway weirs along base.

23. Excavate and realign area along inside of bend to create an overflow area.
   - Overflow area shall be approximately 2 feet higher than the adjacent stream invert.
   - Slope to existing grade at a maximum of 3 horizontal:1 vertical.

24. Install Engineered Rock Riffle.

Improvement Plan

Panther Lick Streambank Stabilization Project
Town of Callic, Chemung County, New York

Prepared By
Chemung County Stormwater Coalition
851 Chemung Street
Horseheads, New York 14845

1 in = 60 ft
Seafuse Road
Town of Veteran
Material $3,519.00

100’ of Stream Repaired-if bid out to private contractor would have been $25,000.00
Millport- Sundown Road

Total Cost $11,800.00 to Municipality
If Bid out $30,000.00 +
Route 14 Ramsey Property

US Fish & Wildlife
250’ of Stream Bank
Roughly $54,000.00
Completed In-Kind
Dutch Hill
Total Cost
$20,000.00
If bid out over
$40,000.00
Hillside Drive
Cost $15,000.00
If bid out $75-85,000.00