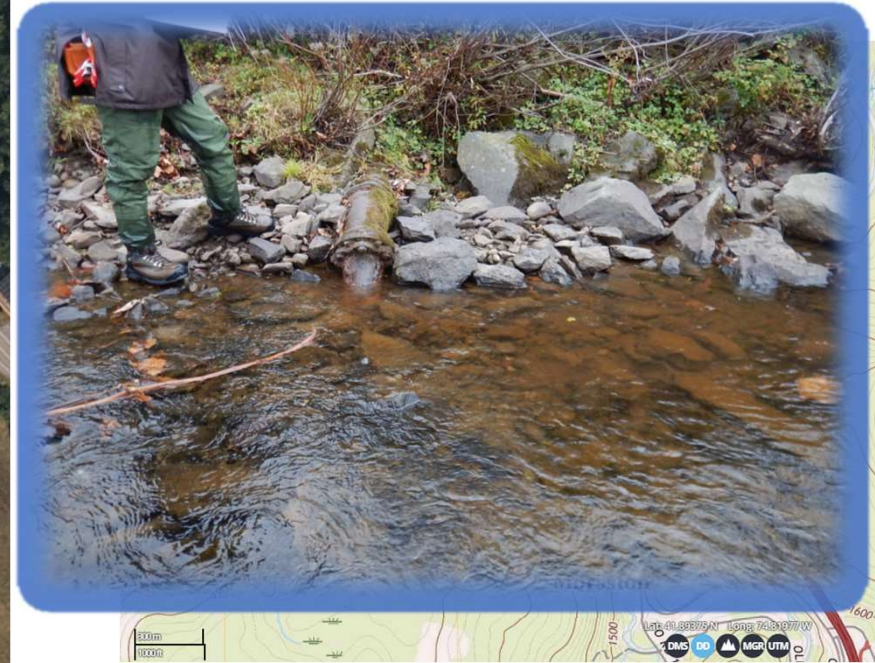
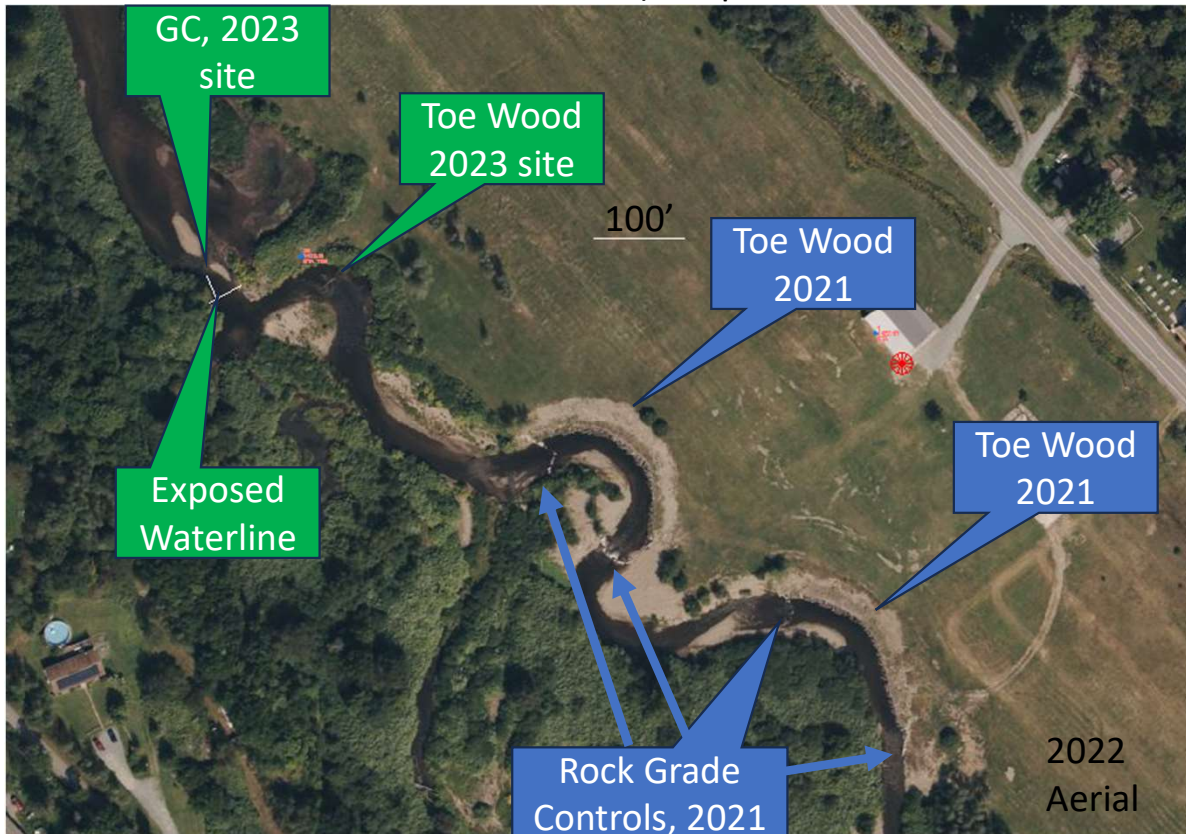


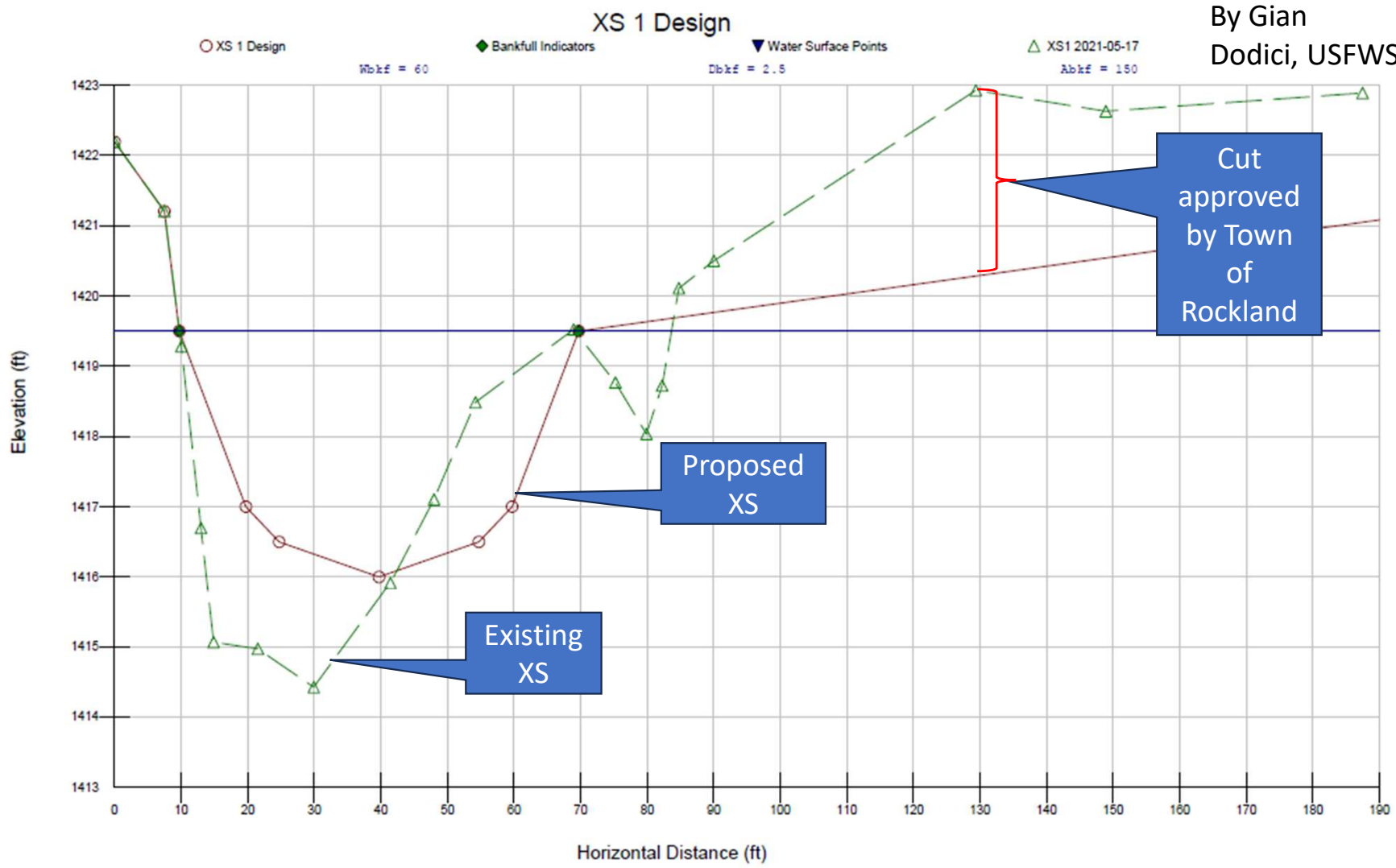
**Little Beaver Kill
Water Line Stabilization Project:**

Goals:

- 1) Protect line (years of instability)
 - a. Overly narrow channel cause scour.
 - b. Exposed waterline was vulnerable to damage.
- 2) Continue previous stabilization efforts
 - a. Prevent upstream bank from exposing more line.
- 3) Improve habitat



Old Route 17, Livingston Manor,
Town of Rockland, Sullivan County, NY
42.892776/-74.820450



By Gian Dodici, USFWS



Cut approved by Town of Rockland

Proposed XS

Existing XS

Channel was overly narrow which caused the incision and exposed the line.



Erosion beneath knotweed on upstream bank



Riffle

Exposed Line



Failing Bank: Knotweed only



GC Apex

Backwatered Line



Realigned bank; improved floodplain access, toe wood for protection and habitat.



FUDR
FRIENDS OF THE UPPER DELAWARE RIVER

NOT TO SCALE

NOTE:
 --- VANE ARMS MAY TIE-IN BELOW BANKFULL

FILL WITH CORNELL-GRANT MIX
 TYPE AND THE ONLY FIRM
 FOR CONSTRUCTION SPECIFICATIONS
 SEE ACQUISITION AND DETAIL/PLAN

MINIMUM 8 FEET TO
 CENTERLINE AS
 SHOWN IN 2.0 FEET BELOW FINISHED

MINIMUM 8 FEET TO
 CENTERLINE AS
 SHOWN IN 2.0 FEET BELOW FINISHED

EDGE
 MINIMUM 2.0 FEET BELOW



New York State Office
 Partners for Fish and Wildlife Program
 3817 Luker Road
 Cortland, NY 13045
 Tel. (607) 753-9334

REVISIONS	
DATE	BY

PROJECT MANAGER:	DRAWING:
DESIGN:	CHECKED BY:
SCALE:	

CV-STEP

Built by Rick Barnhart
(who saved sycamores and
Big Blue Stem)



#147 Mellis





Laurel



Cooks Brook Overview
Beaver Kill Trib



Cooks Bro
frequent f



Cooks Bro
pool; barri



Cooks Brook facing upstream, 9 months post project: grade controls

19'x8' conc box embedded; M

- Class B(T)
- 0.95 miles u/s connection
- Q1% is 850 cfs
- 8'x7' box had 456 cfs (10% storm)
- New 19'x8': 1355 cfs

Sneak Peek – What's coming In 2024

Mellis, Shea,
Roods, Oquaga WWTP, Willo
wemoc waterline – Willow
Assessment, East Branch
Assessment

- ★ culvert
- ★ recreation
- ★ stream restoration
- ★ assessment

★ 2024

