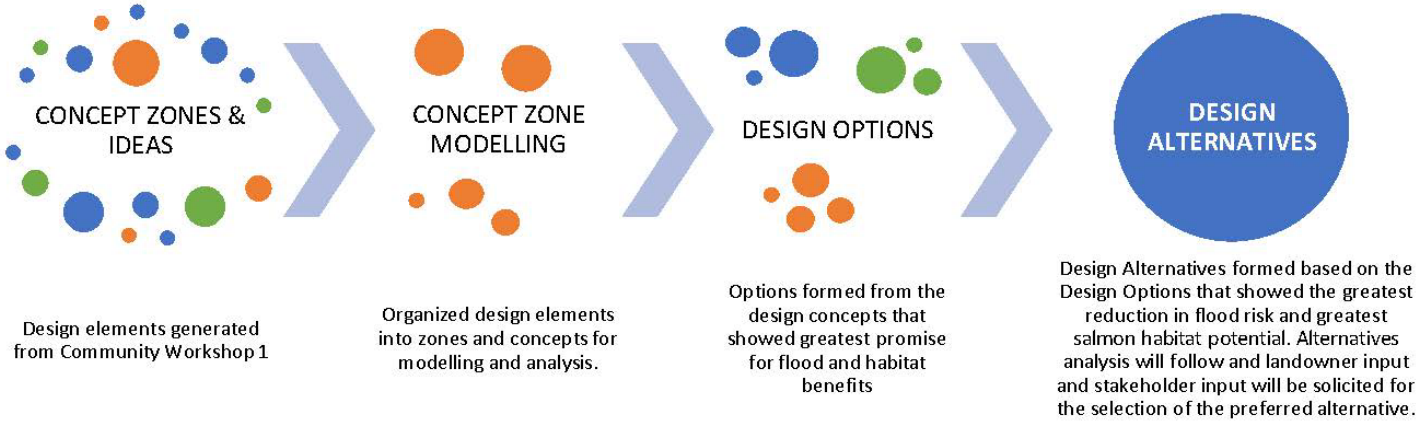
SOUTH FORK NOOKSACK RIVER FISH CAMP (*Ts'éq*) INTEGRATED DESIGN PROJECT

Update December 29, 2020:

The project schedule has been impacted by the COVID-19 pandemic; however, the Project Team has completed its assessment of geomorphic and hydraulic conditions and has now developed three *Draft Design Alternatives*. The *Draft Design Alternatives* evolved from the *Concept Zones & Ideas* document which were developed with input from stakeholders during the first community workshop. You can view these Design Zones and Concepts HERE. Using the *Concept Zones & Ideas* as a foundation, the Project Team then went through an extensive process of modeling individual design *Elements* in each Zone, which were combined into three *Design Options*. The team modelled these three *Design Options* to analyze the river's response to the combined effects of a variety of design elements.

The design team used the modelling results from the three *Options* to form *Draft Design Alternatives* that show the greatest combined benefits for flood reduction, erosion mitigation, and habitat. All three *Alternatives* will be finalized and modelled by the end of December. The next step will be to solicit feedback from stakeholders at a Community Workshop scheduled for January 26th, 2021. The process for forming the *Design Alternatives* and a framework for the *Draft Design Alternatives* are summarized below.

Formation of the Design Alternatives



Alternatives Framework

Alternatives Framework*			
Design Element Objective	**Alternative 1**	**Alternative 2**	**Alternative 3**
Flooding Hazards	Some	Many	All
Habitat Needs	Some	Many	All
Erosion Elements	Some	All	All
Acme Berm Height	No Berm	10-year flood	100-year flood

**The Design Alternatives were developed by putting pieces of the elements modeled in the "Options" together. The Alternatives increase in complexity (constructability, cost, landowner willingness, etc.) from Alternative 1 to 3, with Alternative 1 being the least complex with the least design elements to Alternative 3 being the most complex with the most design elements. The table indicates the relative number of elements that are included in each Alternative (for example "some" means there are fewer elements included than "Many" or "All", meaning all feasible elements were added to the Alternative).*

Community Workshop #2 – January 2021

A second community workshop is scheduled for January 26th, 2021 at 5:30 PM to share the three *Draft Design Alternatives* along with the hydraulic modeling results for each. Workshop participants will have an opportunity to ask questions, provide feedback, and make suggestions to the project team. A final alternative will not be selected without this input. The workshop will be held online due to the COVID-19 pandemic. It will also be recorded to ensure those who are unable to attend can view the presentation and provide feedback after the workshop. More details, including the link to join, for the workshop can be found on the project webpage HERE.