

Restoration Cost Share Program

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Cost Share Program

- Work with landowners and land managers to complete fish-friendly projects that
 - Address landowner concerns
 - Educate
 - Improve or maintain fish habitat and riparian health
- Share cost with
 - Private landowners
 - Public land managers
 - U.S. Fish and Wildlife Service
 - Other federal, state and non-profit entities



Goals

- Sustain salmon habitat
- Rehabilitate degraded habitat
- Provide alternative bank stabilization techniques
- Remove structures detrimental to juvenile salmon rearing



Kenai Peninsula Cost Share

- Started in 1995
- Over 500 projects to date
- Primarily on the Kenai River
- Heavy emphasis on projects in partnership with private landowners



Matanuska-Susitna Cost Share Project

- Started in 2008
- Currently working primarily on public lands
- Private landowner projects slowly increasing
- ~25 projects to date



Fairbanks & Anchorage

- Newly established
- 5 projects in Fairbanks
- 1 project in Anchorage



Revegetation & Shoreline Stabilization Methods

- Brush layering
- Trenched willow
- Root wads
- Vegetated mat



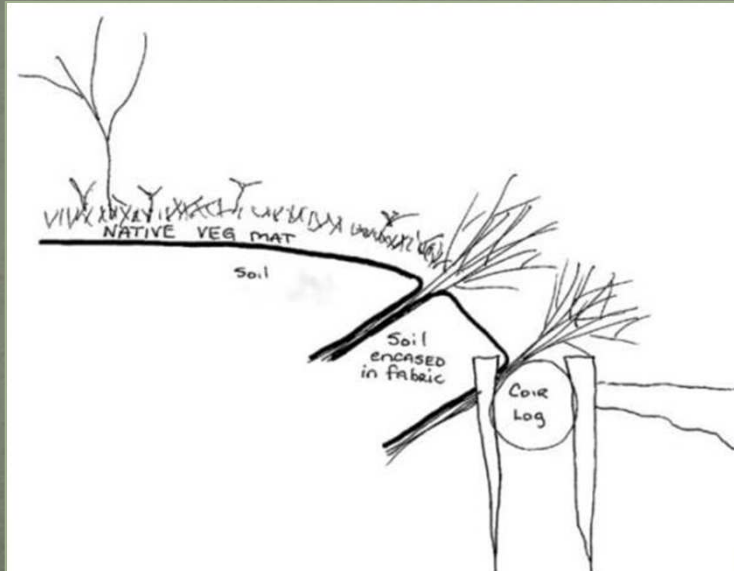
Brush Layering



willow

erosion blanket

coir log

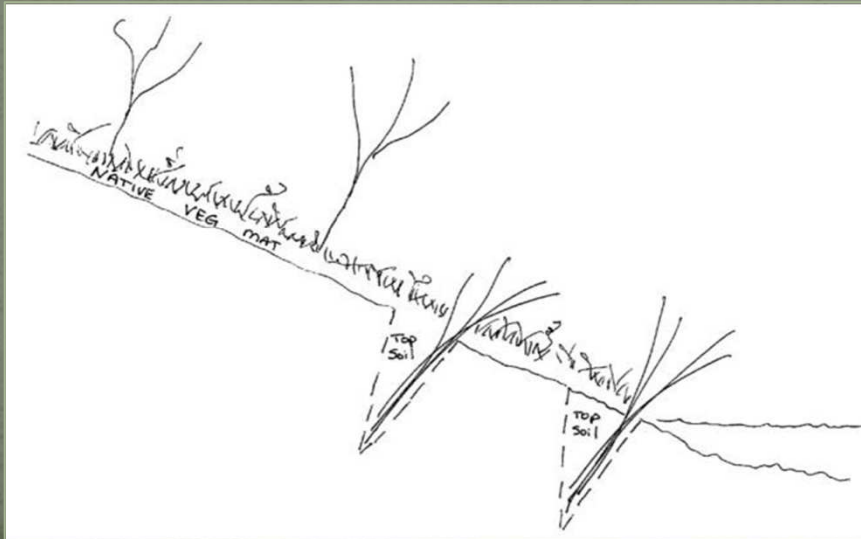


- 12" diameter coir log
- Dormant willow cuttings at 15 per foot
- 2 layers of biodegradable erosion control blanket
- Vegetated mat

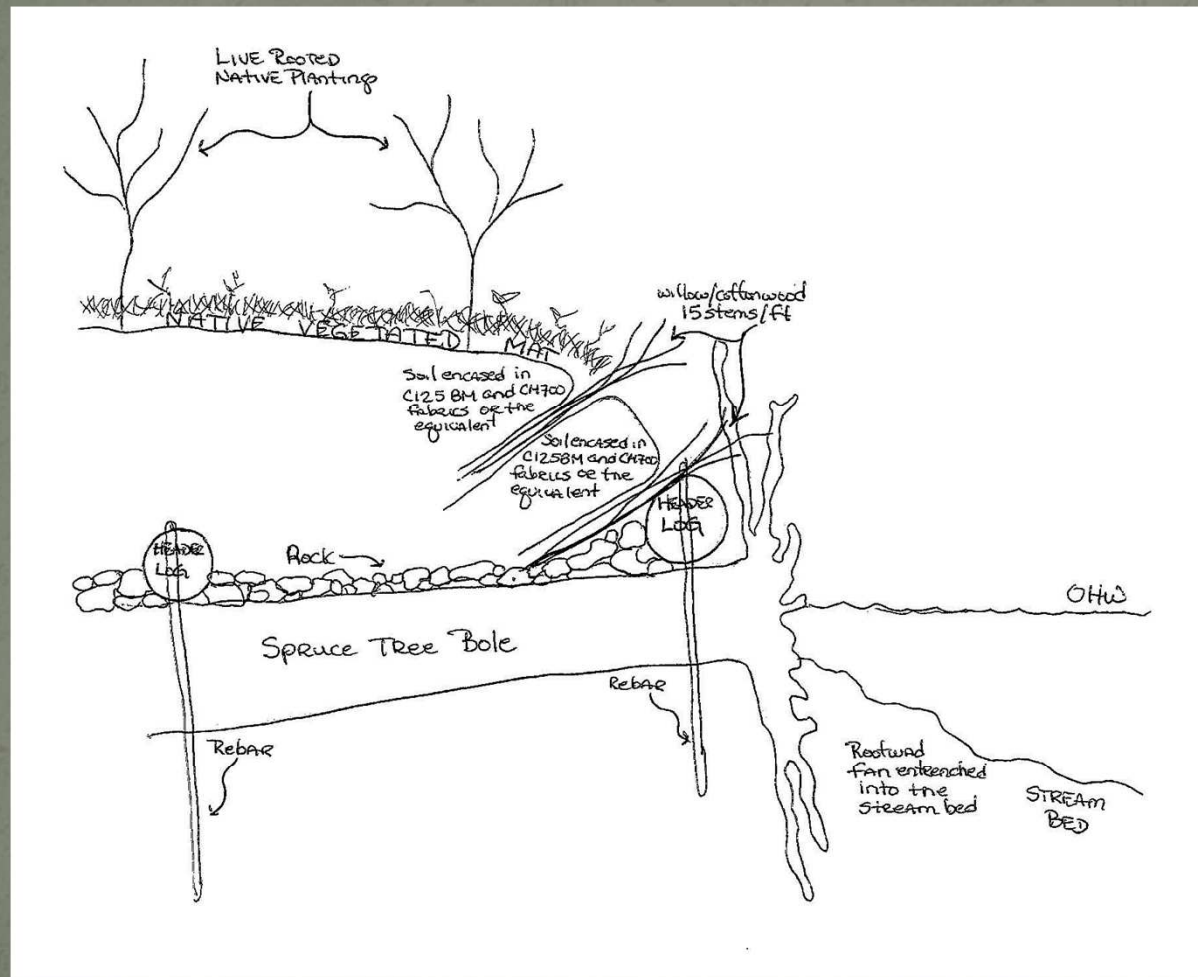
Trenched Willow



- Willows at 10-15 per foot
- Trench ~2 feet deep
- Vegetated mat
- Coir log is optional



Root Wads



Root Wads



Vegetated Mat

- Harvest by hand or using machinery
- Pack pieces together tightly to avoid exposed roots
- Water regularly until established



Workshops

- 3-5 per year
- Teach these methods and a few more
- One classroom day and one field day
- 2011: Haines, Anchorage, Soldotna, Wasilla & Fairbanks

