

# Tenmile Lakes Basin Partnership

## 2006 Project Presentation



# Projects

## Fish Passage

1. **Freelund Bridge #1**
2. **Freelund Bridge #2**
3. **Bowron Bridge**
4. **Willow Creek Bridge**
5. **Shutters Creek Bridge #3**
6. **Shutters Creek #4**

## Bank Stabilization

1. **Noble Creek**

## Fencing

1. **Johnson Creek**
2. **Hatchery Creek**
3. **Noble Creek**
4. **Maria Gulch**

## Riparian Plantings

**Big Creek**

## Various Past Projects

# Freelund Bridge #1

## Before



### **PROBLEM:**

Undersized and failing culvert.

Improperly placed.

Creating sediment loading and restriction of fish passage

# Freelund Bridge #1

After

**SOLUTION:**

**10' x 20' log stringer  
bridge.**

**Cost: \$ 16,631**

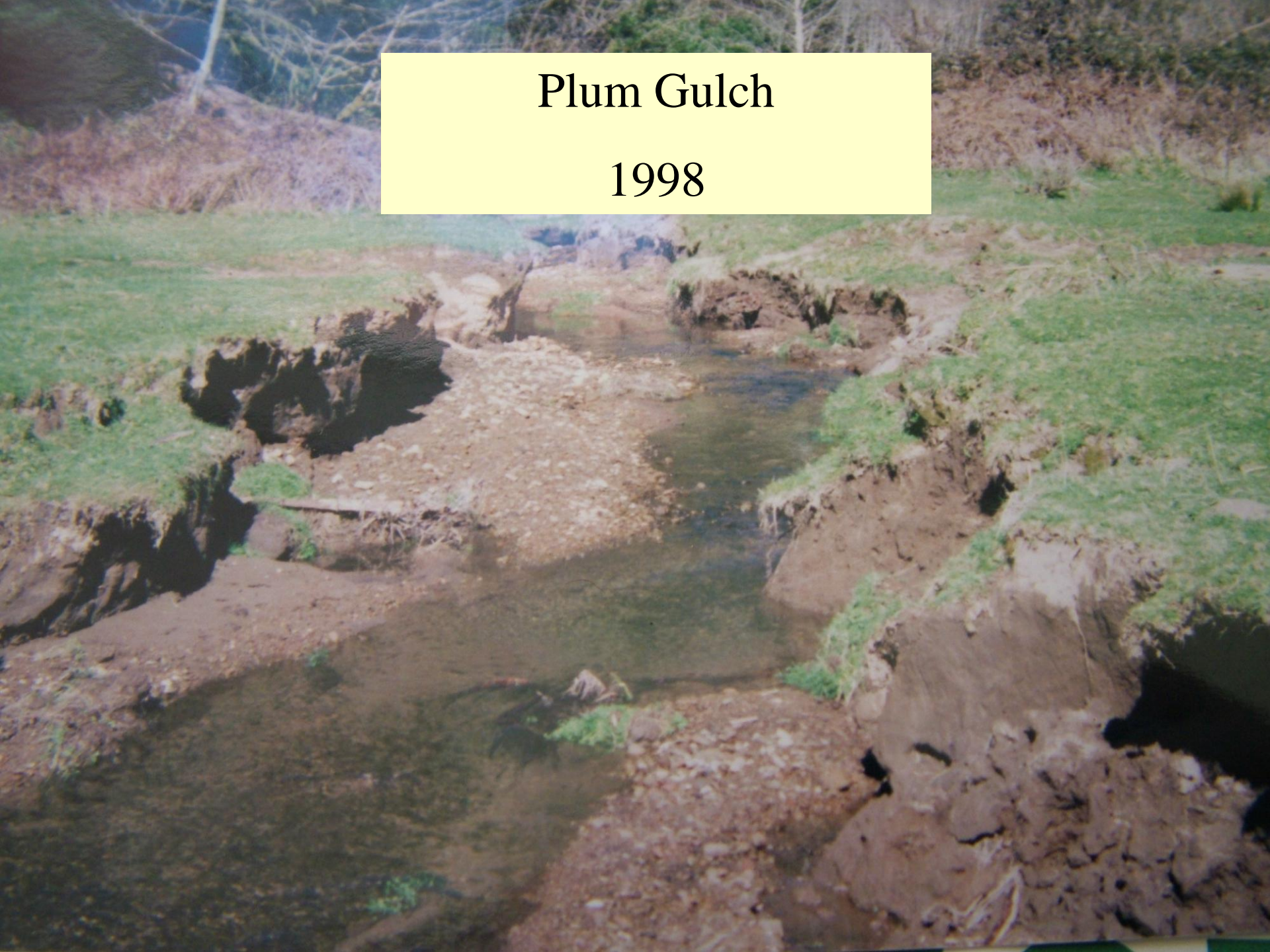


**“I’d rather be roping.”**



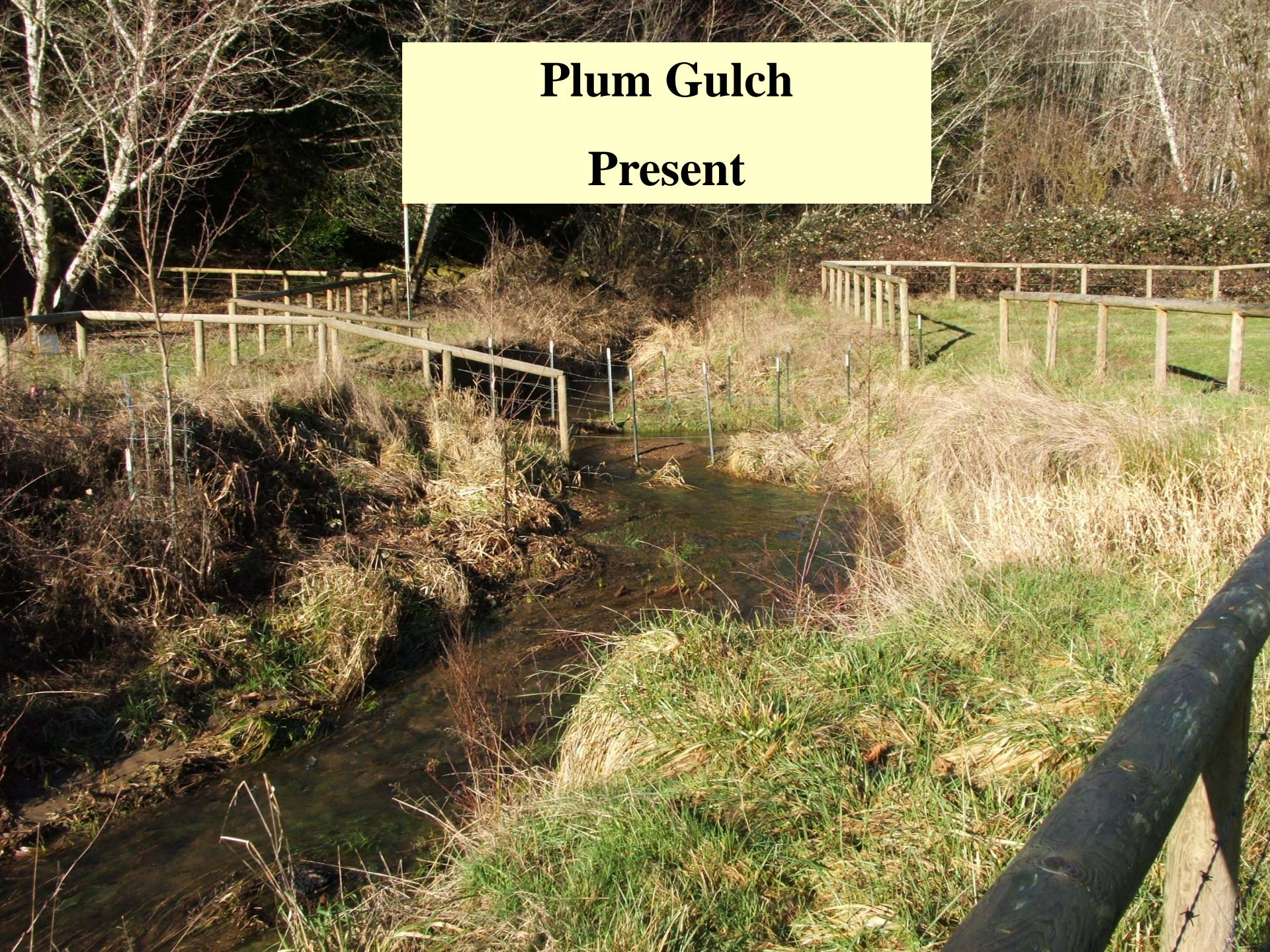
# Plum Gulch

1998



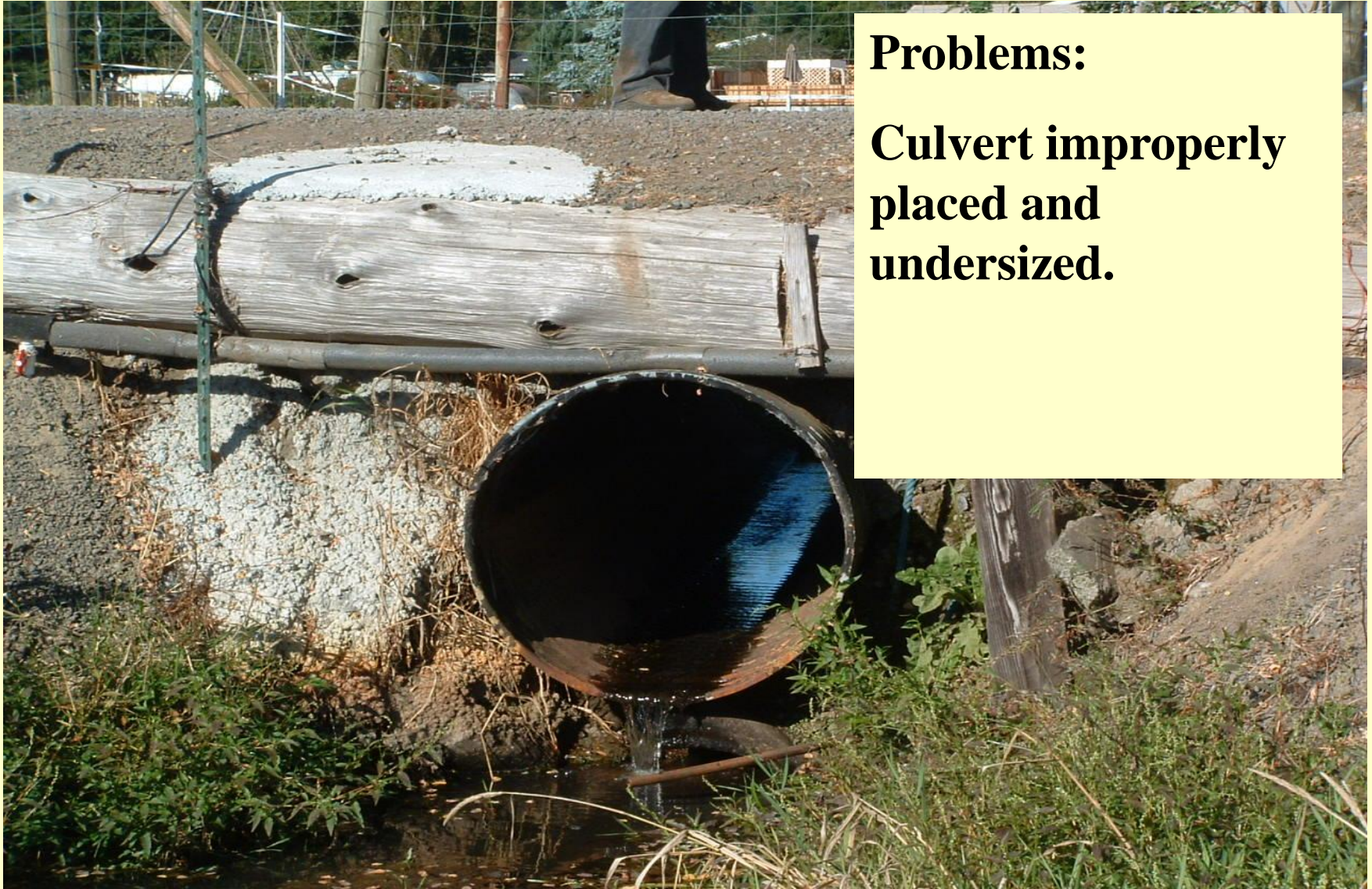
**Plum Gulch**

**Present**



# Freelund Bridge #2

Before

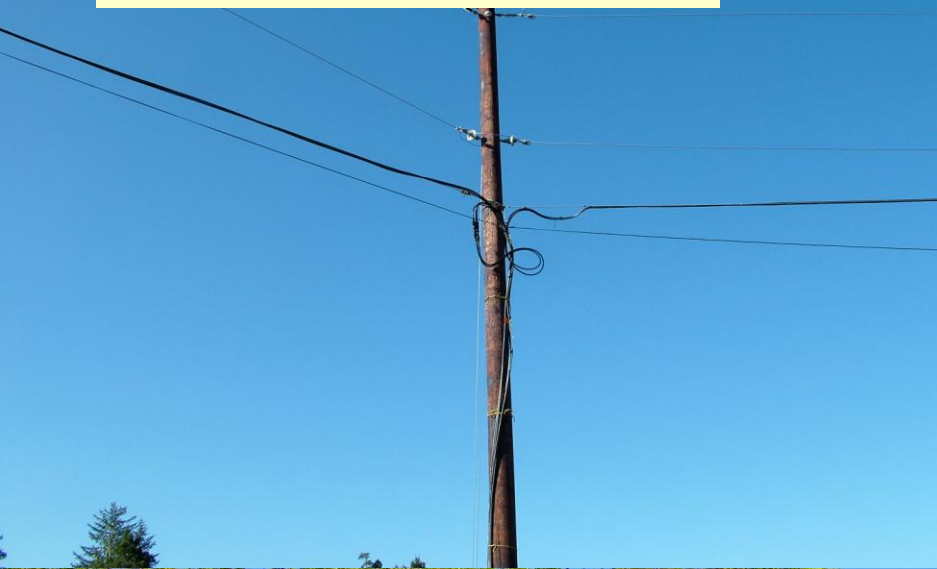


**Problems:**

**Culvert improperly placed and undersized.**



**Overhead utilities**



**Underground utilities**



**Beloved trees**



# Freelund Bridge #2

After



**Solution:**

**21' x 28' cement slab  
bridge.**

**Cost: \$ 27,634**

**Thanks Gary for the help and support.**

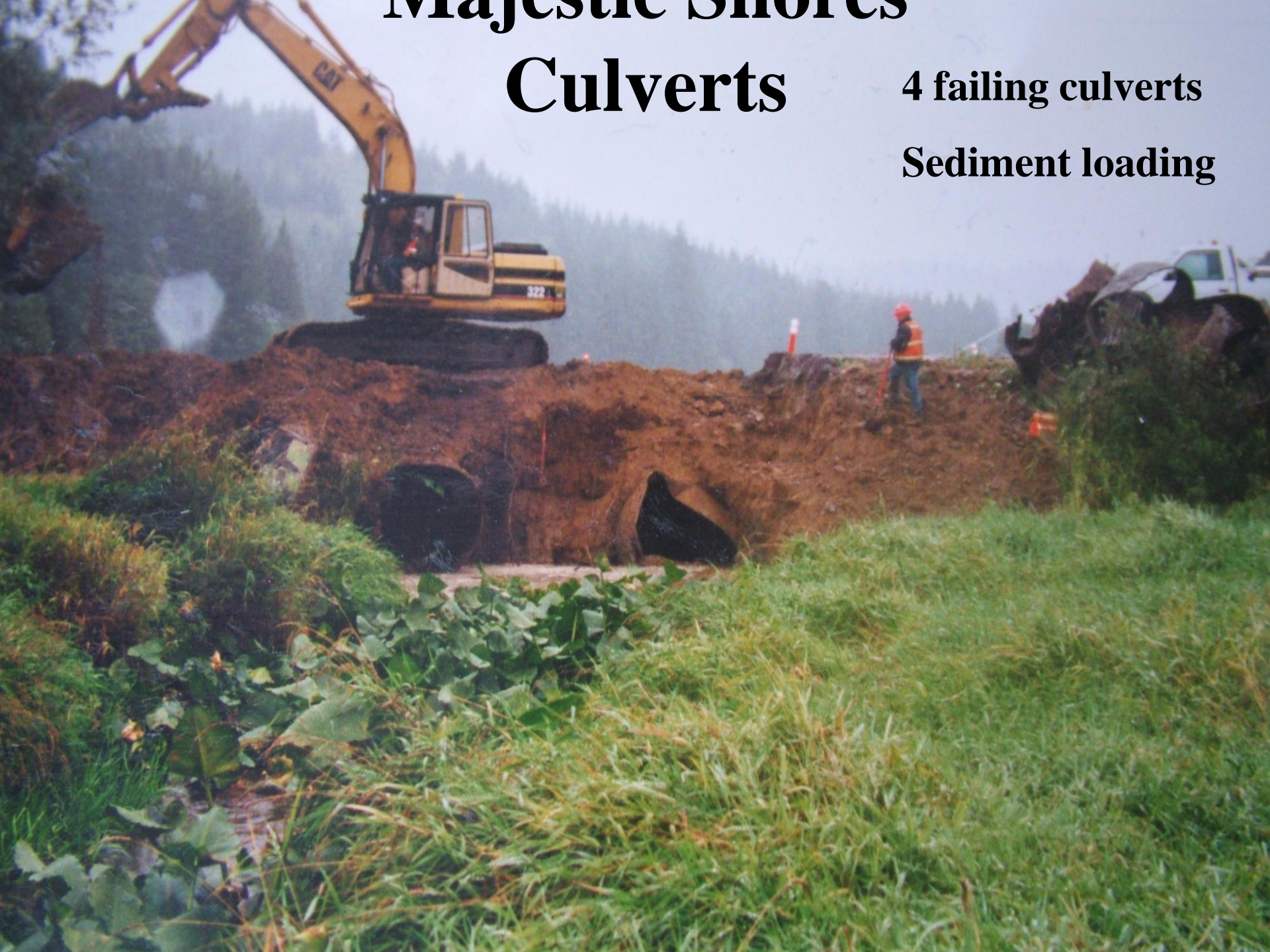


**Majestic Shores**

# **Culverts**

**4 failing culverts**

**Sediment loading**



**Present**

Bridge installed in  
2000 by Bracelin and  
Yeager.

Cost: \$57,000.

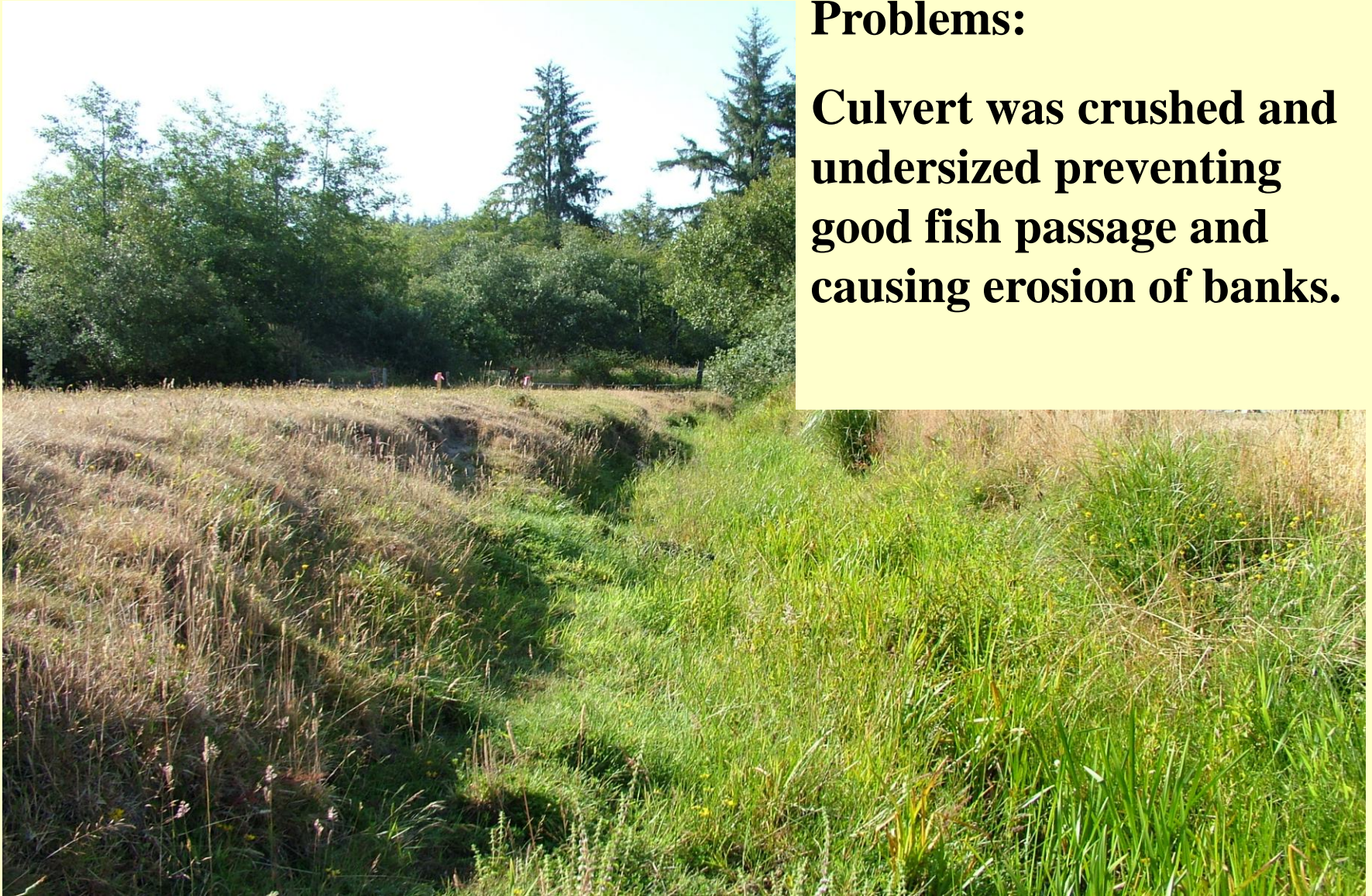


# Bowron Bridge

## Before

**Problems:**

**Culvert was crushed and undersized preventing good fish passage and causing erosion of banks.**



# Bowron Bridge

## After



**Solution:**

**12' x 20' steel I-beam bridge**

**Cost: \$16,631**

**Thanks Jack for your help  
and support.**



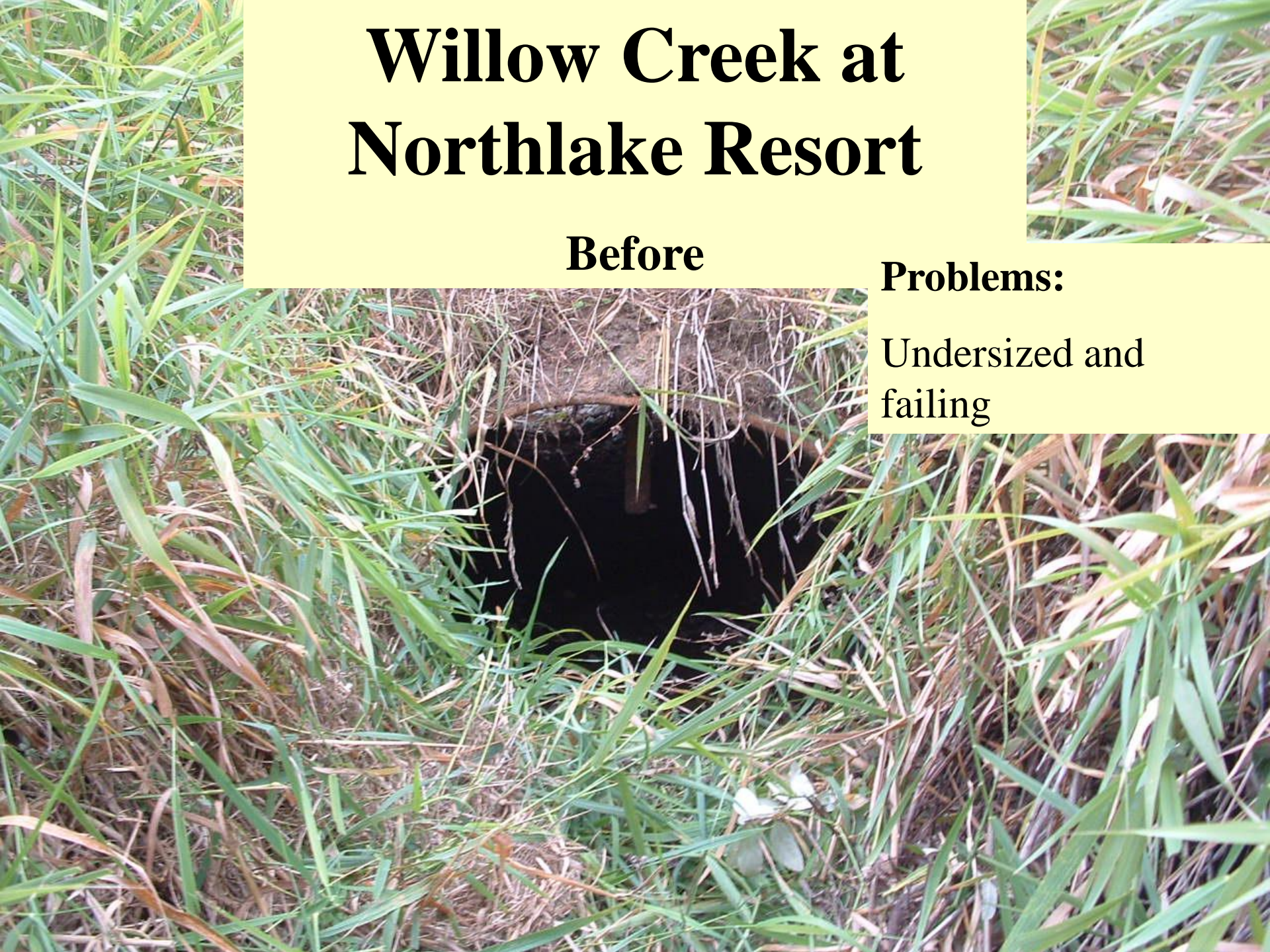


# Willow Creek at Northlake Resort

**Before**

**Problems:**

Undersized and  
failing



# Willow Creek Bridge

After

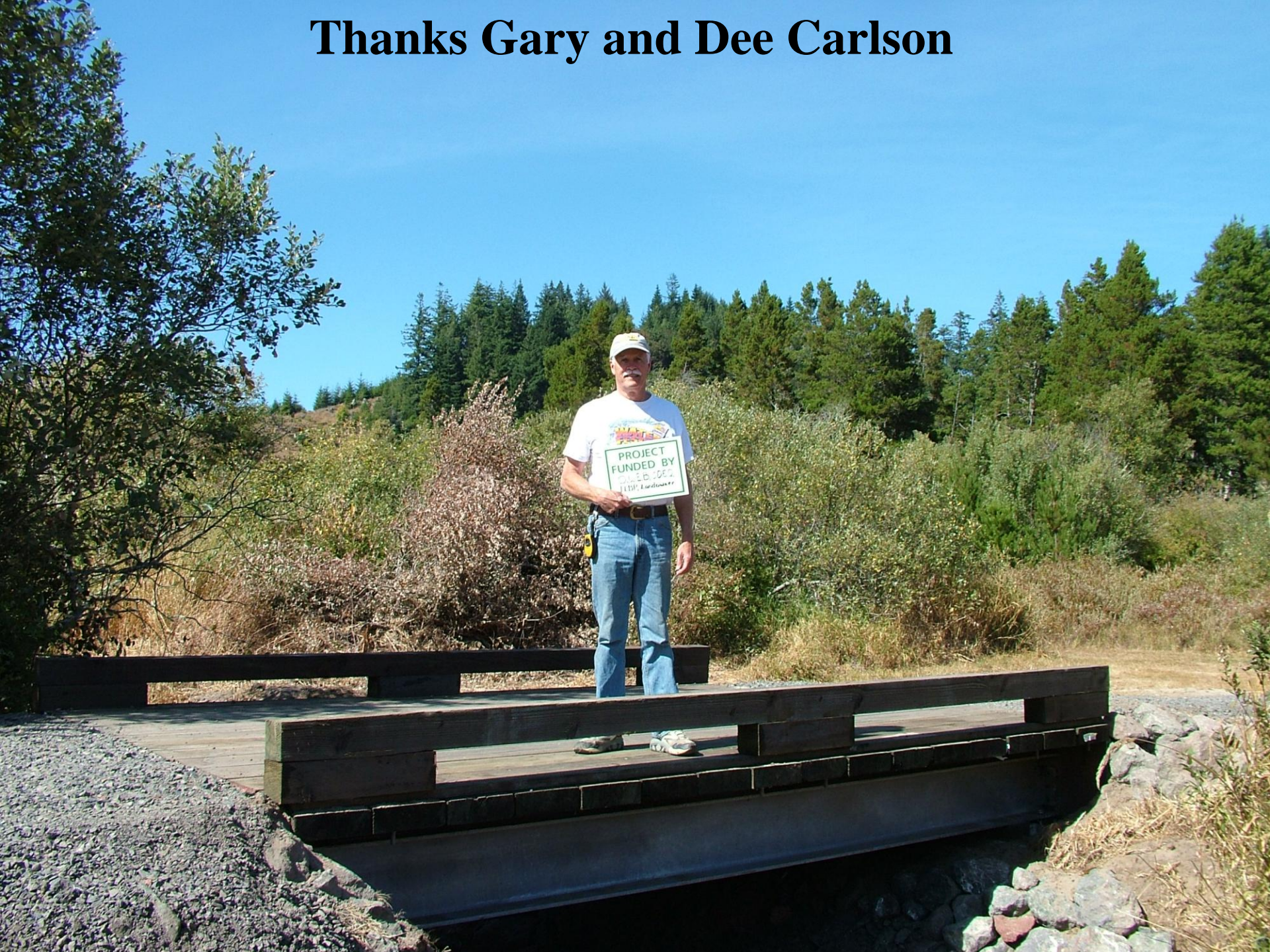


**Solution:**

**12' x 16' Steel I-beam bridge**

**Cost: \$20,554.**

# Thanks Gary and Dee Carlson



# Shutters Bridge #3

Before

**Problems:**

**Undersized and failing  
culvert.**



# Shutters Creek Bridge #3

After

**Solution:**

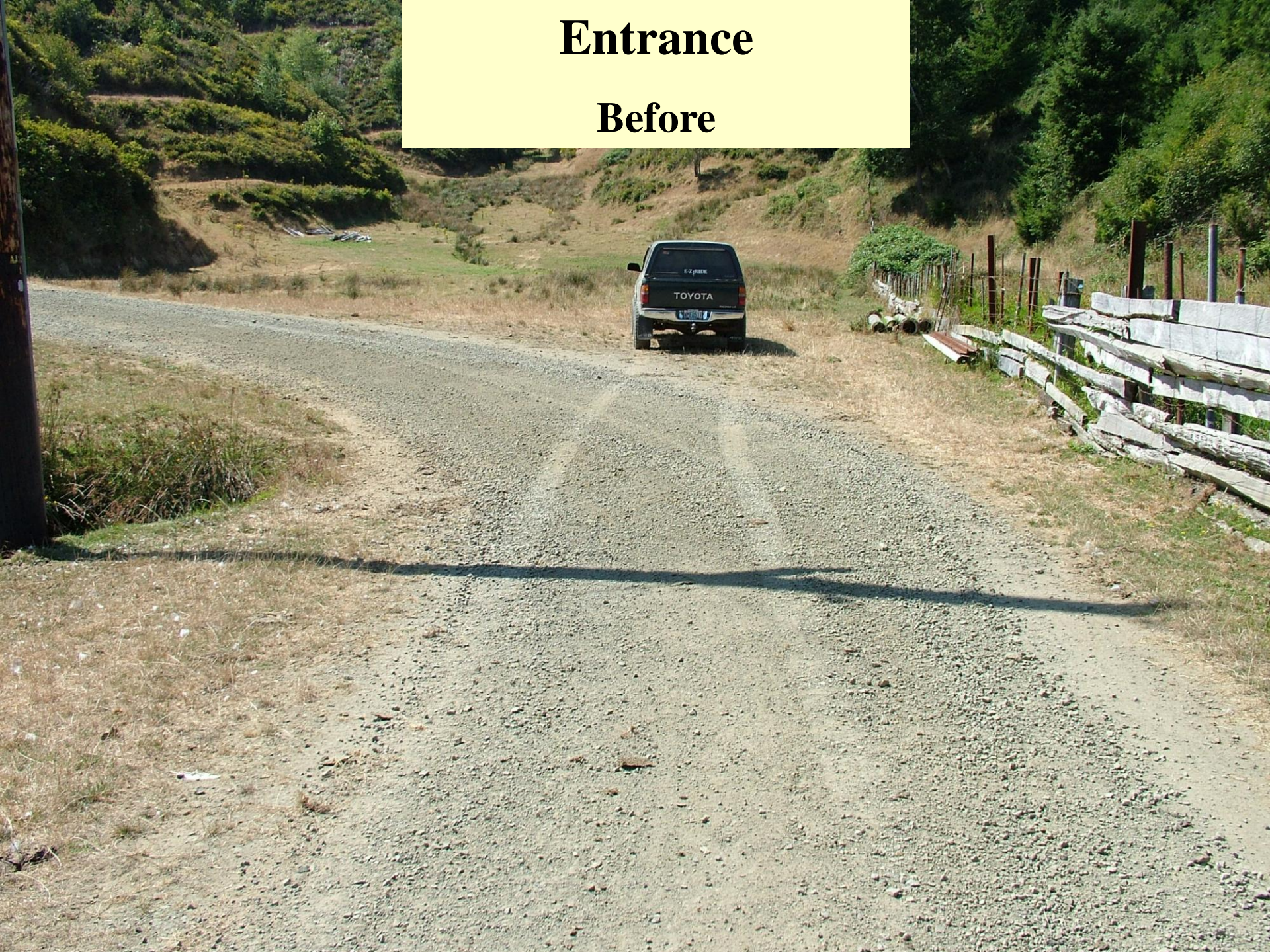
**21' x 28' cement slab  
bridge.**

**Cost: \$20,730**



**Entrance**

**Before**





**Bridge approach**

**After**

**Thank you Jim**

**For all your  
help and  
support.**





# Shutters Creek Bridge #4

Before

**Problems::**

**Two failing and  
undersized culverts.**



# Shutters Creek Bridge #4

After



**Solution:**

**12' x 28' cement slab  
bridge.**

**Cost: \$ 23,585**

Thanks once again  
Jim.



# Johnson Creek Culvert

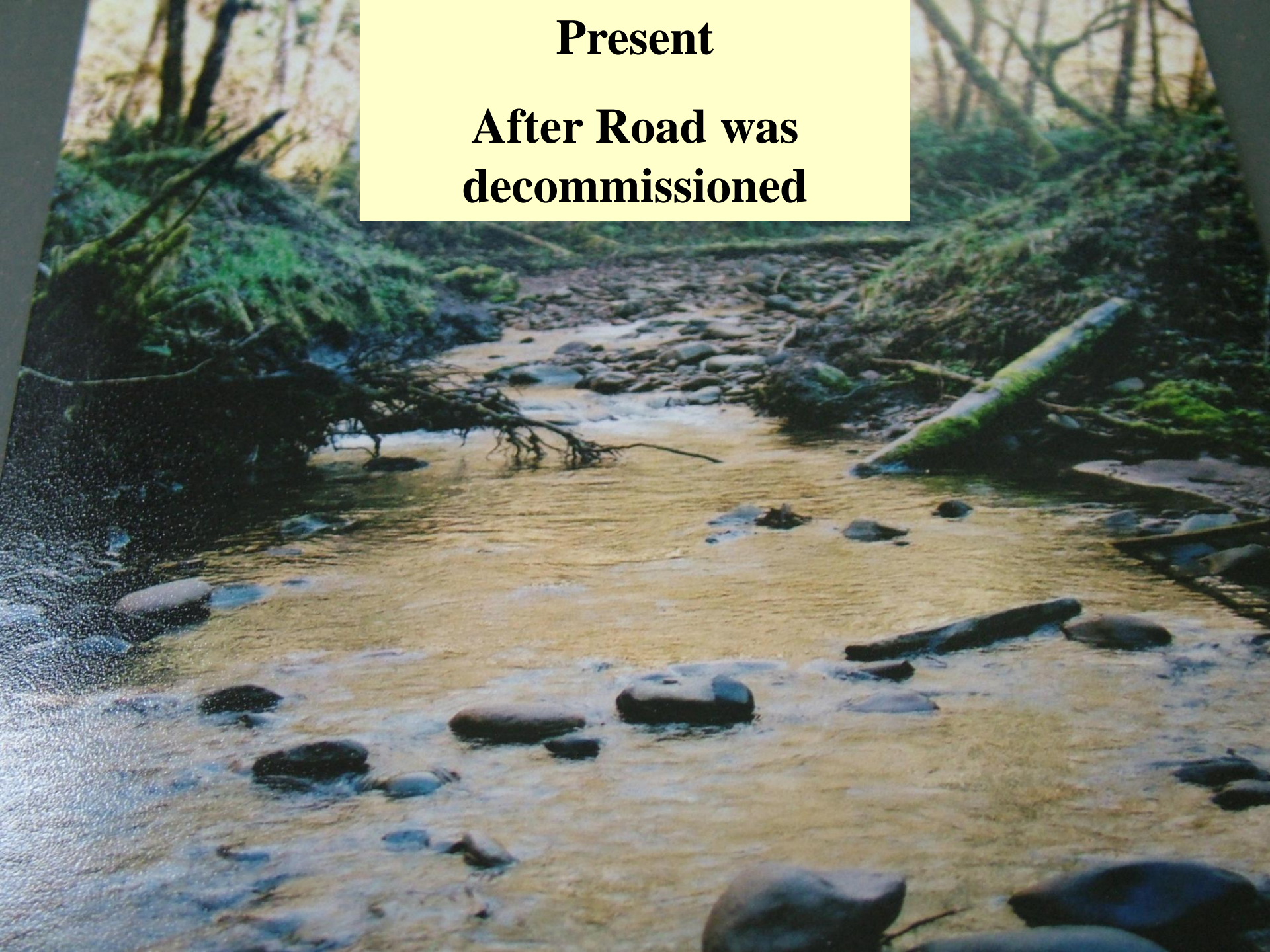
2100 Rd.

1997




**Present**

**After Road was  
decommissioned**

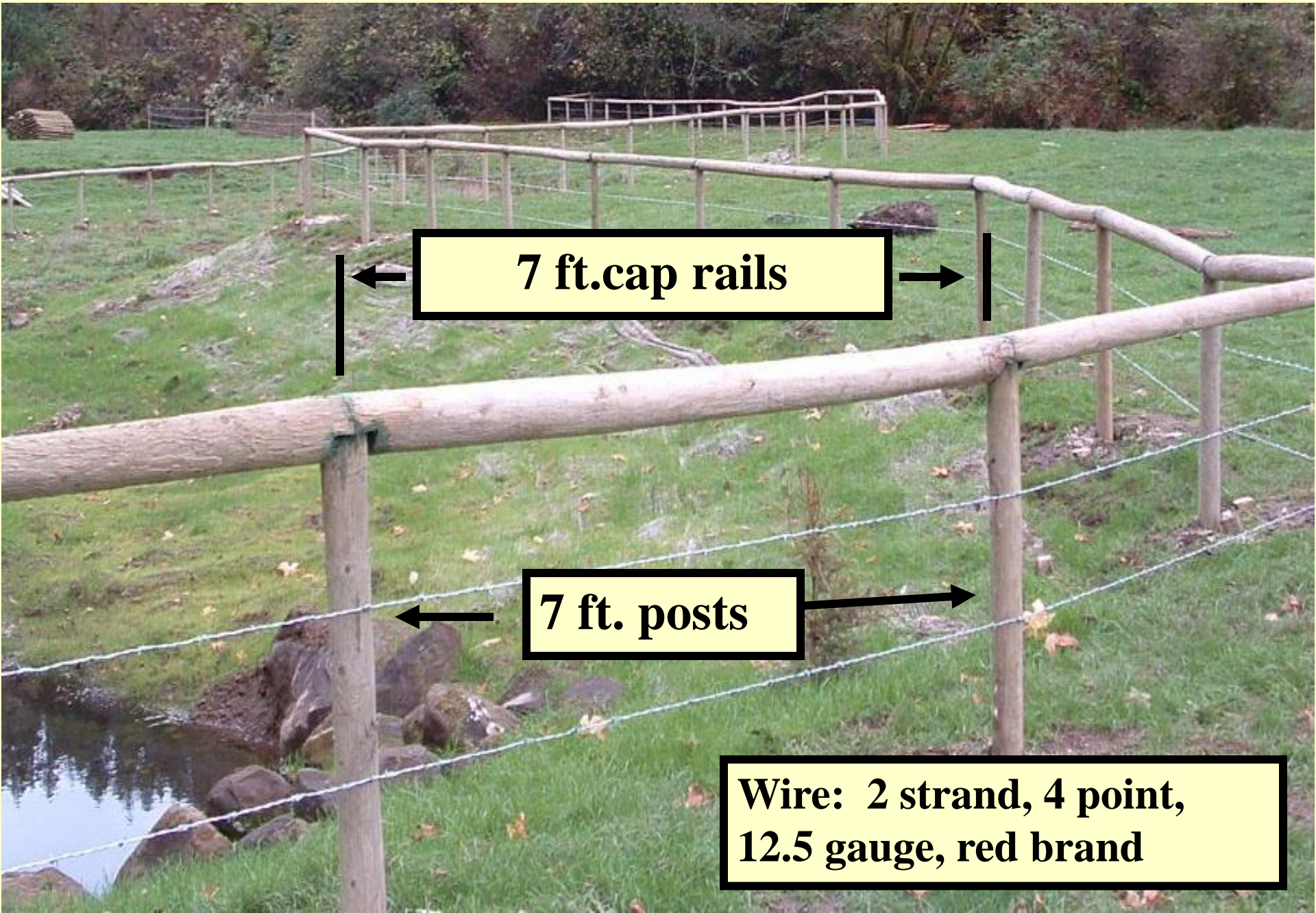


# Past Fence Design



**Construction: 10' 3-4" posts, 4" hog wire and 2 strands of barb wire.. Built with lowered sections for elk crossings.**

# Cattle Exclusion Fence Design



**7 ft. cap rails**

**7 ft. posts**

**Wire: 2 strand, 4 point,  
12.5 gauge, red brand**

# Hatchery Creek Fencing

Before

After



**Bank stabilization  
through sloping**

**1,990 ft of fencing**

**Cost : \$3,665**



# Johnson Creek Fencing

Before

After





Thanks Bob for your help and support.



# Project discussion with landowner



# Site #2

**Before**



**After (looking opposite direction)**



# Noble Creek Bank Stabilization

**Before**



**Banks are sloped**  
**Area is seeded**  
**Jute stapled down**



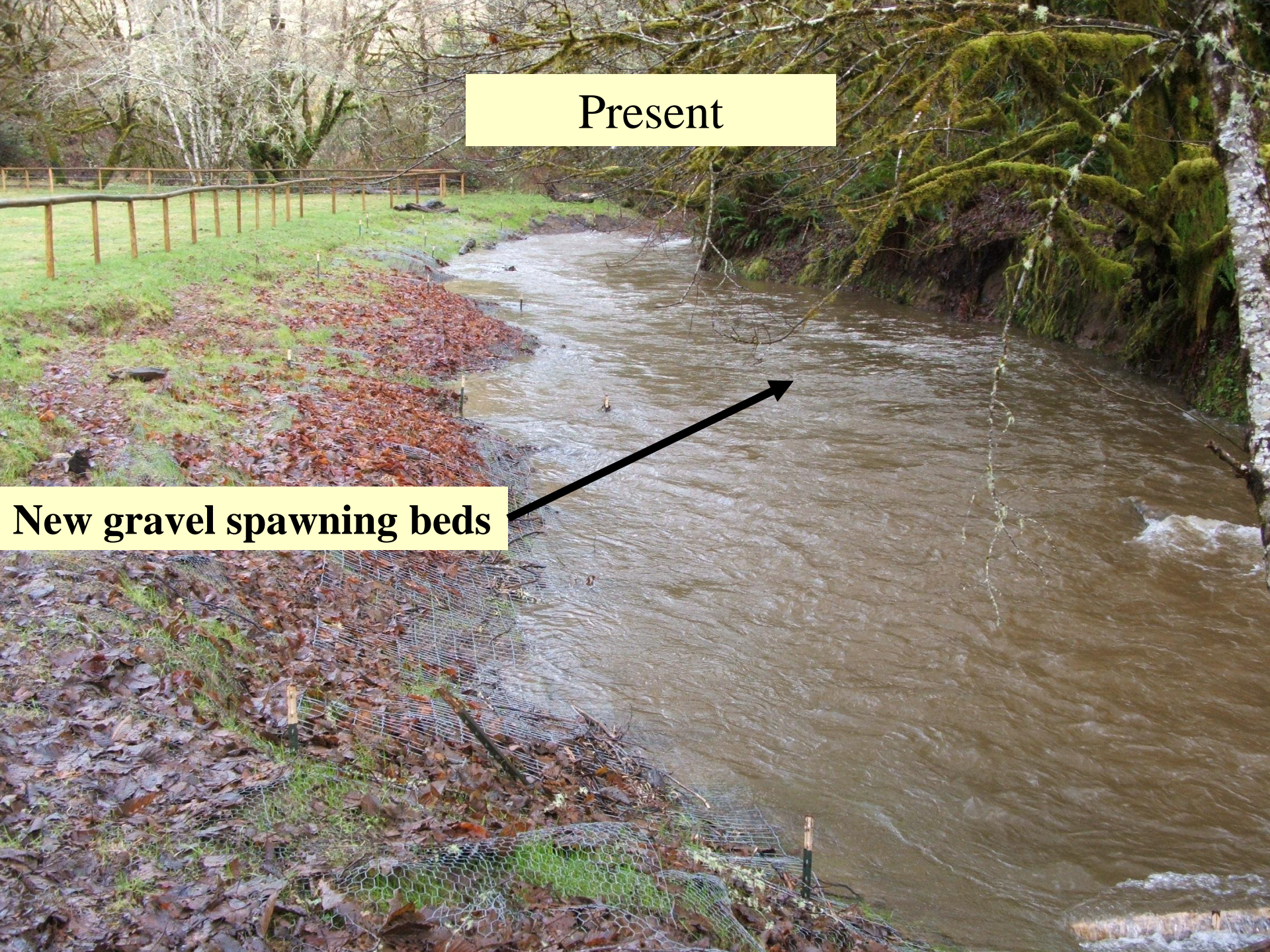
**Chicken wire stapled over jute  
2x4 hog wire on top and held  
down with t-posts driven into  
bank.**





Present

**New gravel spawning beds**



# More Noble stabilization



# Maria Gulch Fencing



# Noble Creek Fencing

## Upper



# Noble Creek

## Middle



Thanks Joe and Maria Goularte for all your support and help.



# Alternate Watering Sources at Noble

## Gravity Fed



# Upper Big Creek

## Gravity Fed





# Johnson Creek

## Gravity Fed



# Southlake Nursery

Oregon Ash

Red Alder



# Johnson Creek Nursery

**Potted and healed:**

**201 alders, 335 ashes**



Thanks Dennis for your help and support



# Volunteer Riparian Planting

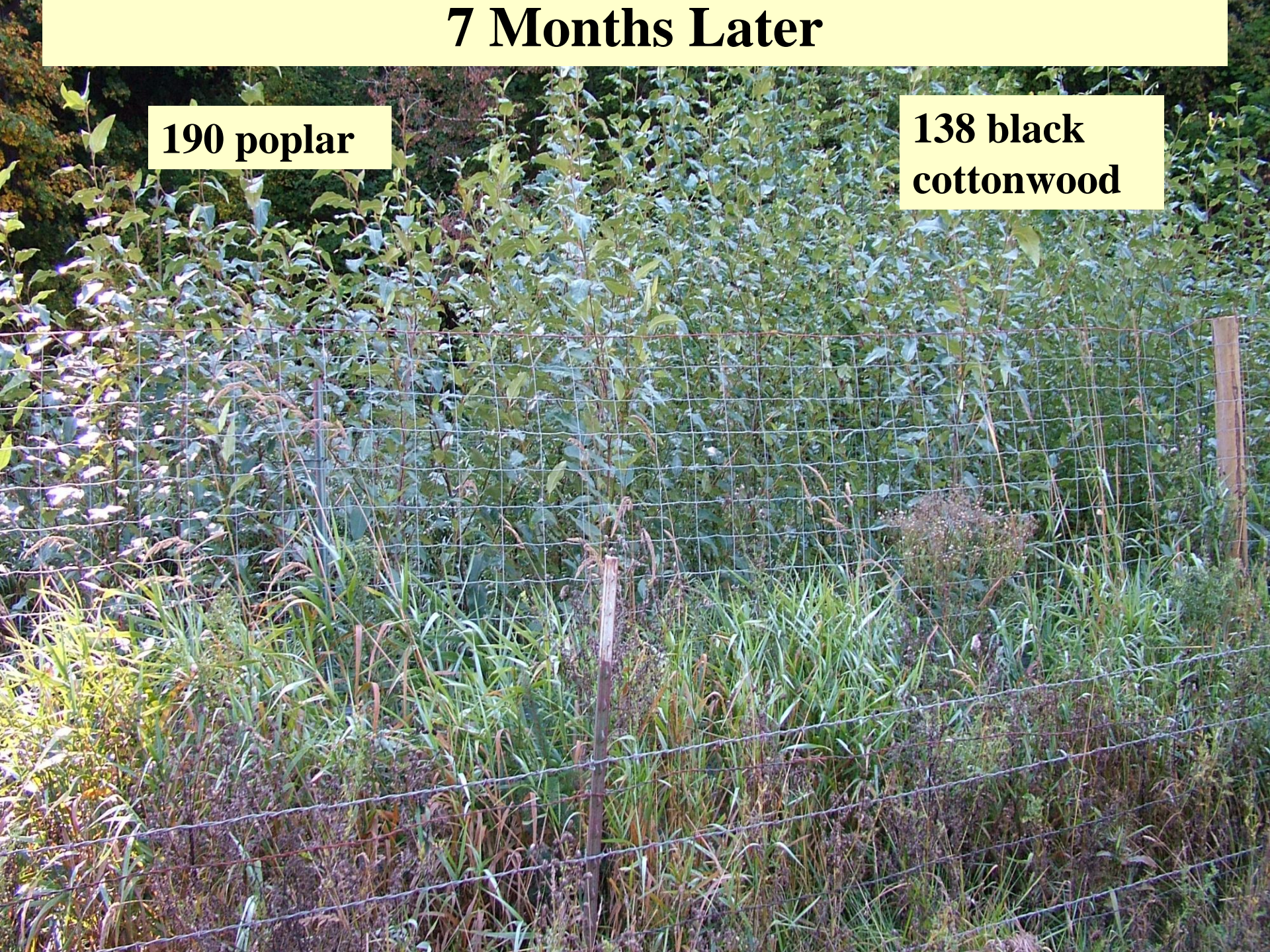




# 7 Months Later

190 poplar

138 black  
cottonwood



# Big Creek Habitat Dam

Funded by GWEB in 1989





# Big Creek Dam

Dismantled

Installed



# Upstream from dam

**Dam dismantled**

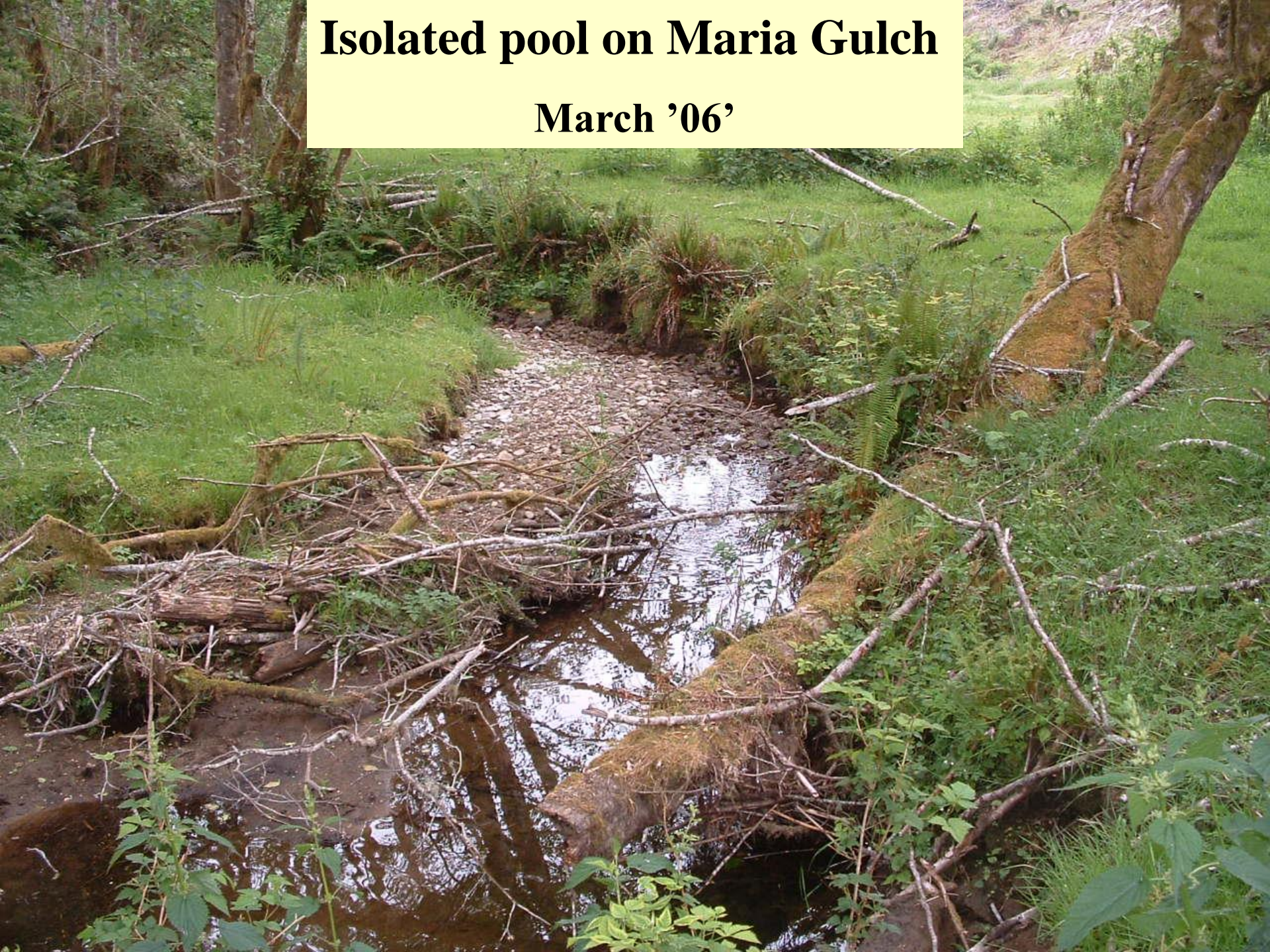


**Dam assembled**



# Isolated pool on Maria Gulch

March '06'



**Volunteer Bob A.**

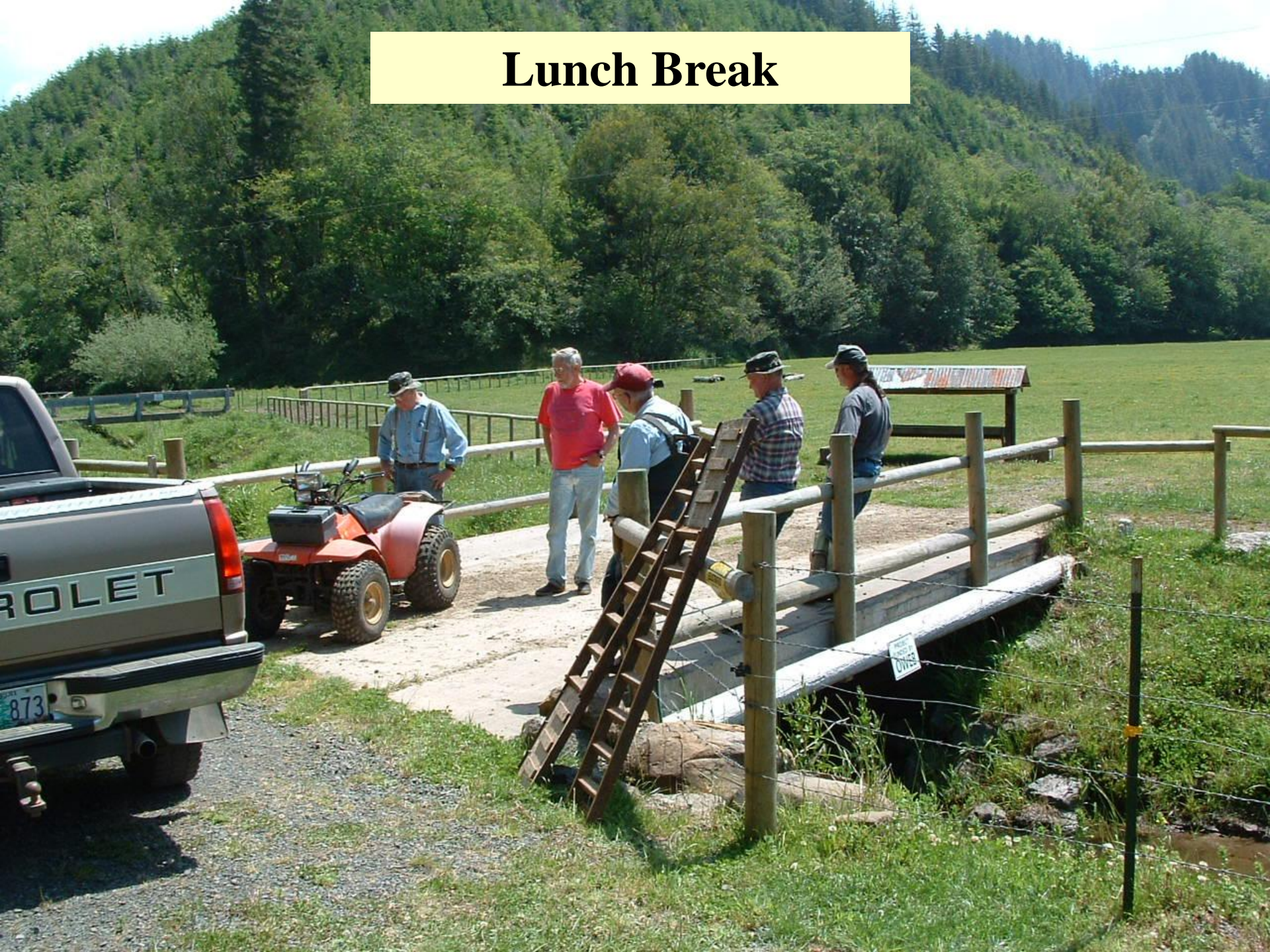


**300 Coho Fry**

**Transport of fish to safe waters**



# Lunch Break



# Thank you to all our partners.

## LANDOWNERS

Gary Freelund

Jack Bowron

Gary and Dee  
Carlson

Jim, Evelyn and Eric  
Larson

Bob and Fontella  
Hankins

Dennis and Naomi  
Fritz

## CONTRACTORS

Greene Excavation

Robert Bogart  
(Reedsport Paving  
Inc.)

Coos County RD.  
Dept.

## INDIVIDUALS and ORGANIZATIONS

Gary Wallace

Weyerhaeuser

Harvey Wilcox

Harlen Green

City of Lakeside

International  
Paper

Eel-Tenmile  
S.T.E.P

# THE END

## THE DOGS

Sadie

Dallas

Lilly

Pappy



## THE CREW

Mike Mader

Ted Carr

Allan Essert

Dave Zavota

Jason  
Frederickson