

SCHEDULE A: Scope of Work

The Confederated Tribes are in need of enhanced riparian planting and vegetation management along approximately 0.5 miles of Patawa Creek.

1. Background.

The Confederated Tribes entered into an agreement with Oregon Department of Transportation to enhance riparian tree and shrub planting along Patawa Creek to minimize impacts from proposed lighting along Interstate 84. These enhanced plantings will benefit water quality, instream habitat, and cultural resources for the CTUIR. Contractor will plant a pre-selected mix of tree and shrub species and control weeds within the area to meet riparian buffer standards for the area.

2. Scope.

The goal of this project is to provide enhancement of a riparian buffer to protect cultural resource values for the Umatilla Indian Reservation:

- a) Woody vegetation gaps exist along the existing riparian buffer. Contractor will plant species as indicated in this scope of work, and manage for competitive weeds to enhance the riparian buffer. This includes mowing the site prior to planting, **AND** mechanical treatments for one (1) year after planting.
- b) Plants will be sourced from the CTUIR Native Plant Nursery to the greatest extent possible.
- c) Each container planting block will be scarified and a piece of 4'X 4' landscape fabric will be laid and staked with containerized plants planted in the fabric. See Panel Cage Diagram attached.
- d) A final inspection of contractor work shall be performed to determine contract performance and adherence to scope of work.
- e) Contractor must provide the necessary materials, equipment and labor to complete the project.
- f) Access must be coordinated with adjacent landowners and CTUIR staff. Entry will not be permitted without prior notice and coordination.
- g) Riparian planting must be completed by December 31, 2024. Invoices for planting must be submitted within 30 days after planting is completed.
- h) Mechanical vegetation management must be completed by December 31, 2025. Invoices for vegetation management must be submitted within 30 days after work completion.

Buffer Prescription

Describe the treatment needed for each side. When different treatments are needed on each side, identify by widths, areas, or location and describe each treatment. **Right and left sides are determined by looking upstream**

Type of Planting Stock: 1 Gallon, all species

Soil Type: 55A Mondovi silt loam & 8B – Athena silt loam

Seedling Mortality Rating (from soil survey): low to moderate

Harvest Equipment Operability Rating (from soil survey): well suited

Right Side Treatment*: within the 35-180' buffer, (6) Temporary Panel Cages for Wildlife Exclusion

Left Side Treatment*:
within the 35-180' buffer, (6) Temporary Panel Cages for Wildlife Exclusion

*minimum width is 35 feet if excess sediment, nutrients, pesticides are in surface waters and excess nutrients and other chemicals are in shallow ground water flow.

Buffer length (ft): 1400 in total

Additional Information: Maintain established Riparian Forest Buffer to provide riparian plant community and water quality benefits with a reduction in excess sediment, OM nutrients, pesticides in surface runoff.

Add additional containerized stock to enhance riparian buffer and provide for taller structure to block lighting from freeway towards Tutuilla Church Rd.

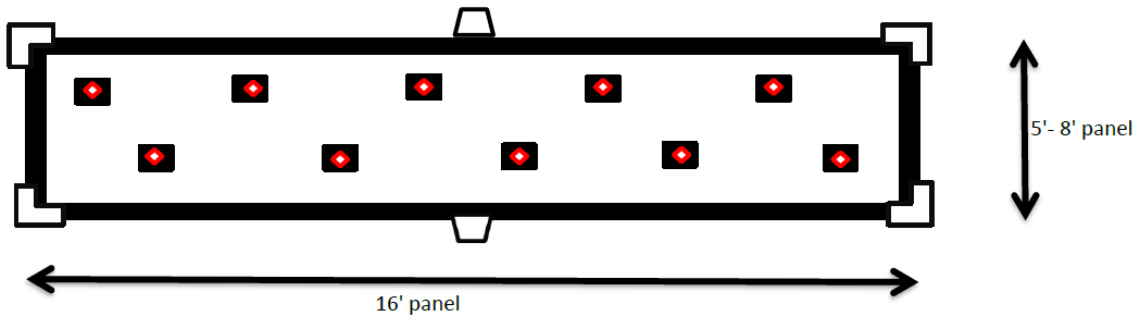
Tree/Shrub Requirements

Tree Species*	Location to Plant ¹	Ave. Tree Spacing	Trees/Ac	No. of Trees/ Stock Type ²
Black Cottonwood	2 containers evenly spaced in each Panel caging	15 ft.	6	52/co
Shrub Species*	Location to Plant ¹	Ave Shrub Spacing	Shrubs/ Acre	No. of Shrubs/ Stock Type ²
Coyote Willow	2 containers evenly spaced in each cage	6 ft	4	52/co
Red-osier dogwood	2 containers evenly spaced in each cage	5 ft	4	52/co
Blue Elderberry	2 containers evenly spaced in each cage	6 ft	4	52/co
Chokecherry	2 containers evenly spaced in each cage	6 ft	4	52/co






¹ – Describe location where plants will be planted (i.e. at bank edge, 0-15 feet from bank, etc.)
² -- ba-bareroot, pl-plug, co-containerized, cu-cutting

Hog Panel Cage Design

Panel Cages



Materials

-  4-Corner T-Posts
-  2-Center T-Posts
-  40 - 8" x 2" Staples
4 for each 4'x4' fabric
-  10 - 4' x4' Landscape Fabric
-  1 - Plant

