

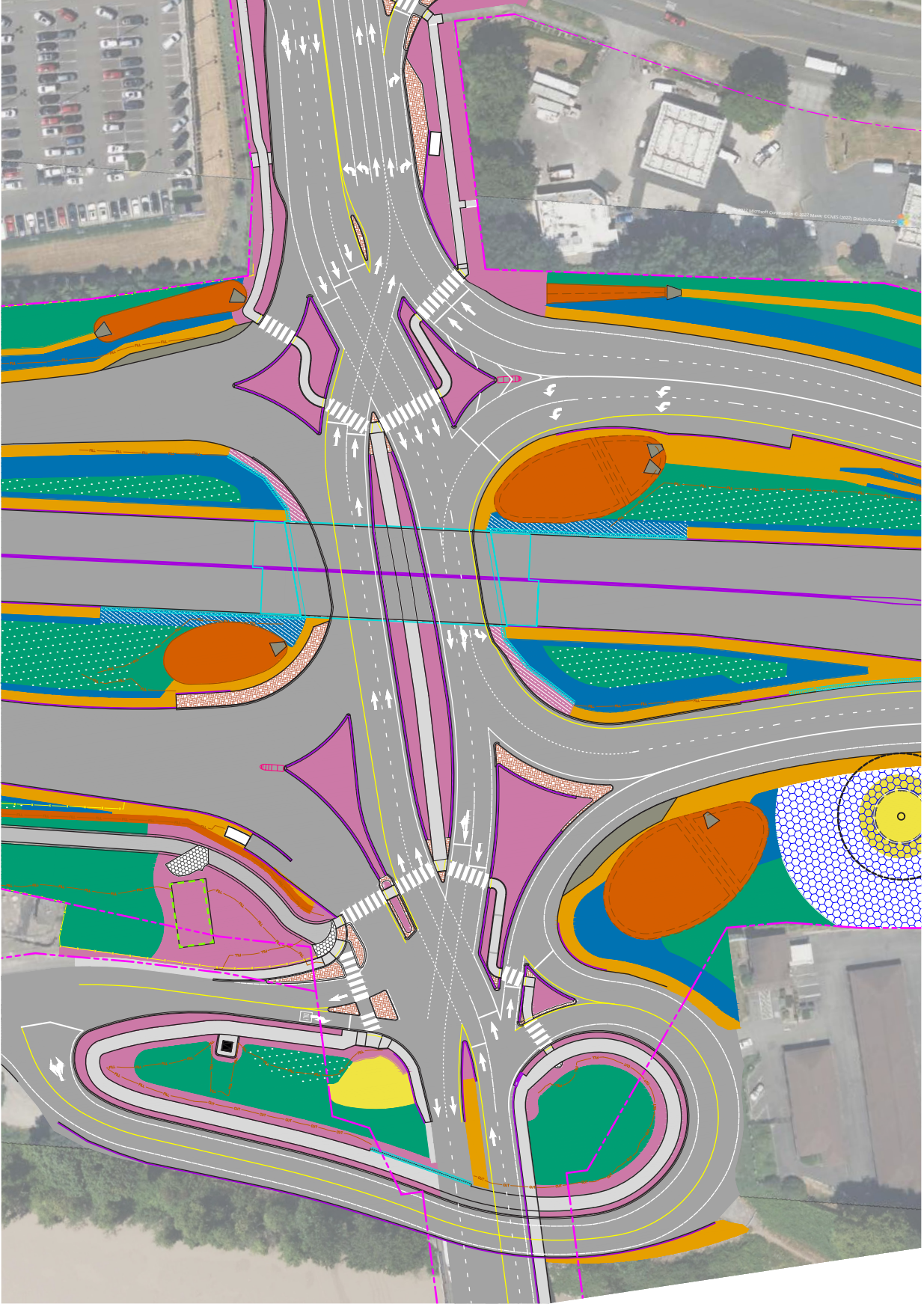
The new SR 167 Expressway and spuyaləpabš Trail passes through three cities, linking I-5, a major interstate highway, and SR 509, a limited access highway, near the Port of Tacoma. The project showcases 500+ acres of roadside and riparian restoration.

Project Overview

PLAN MAP LEGEND

- LAWN
- STREET TREES AND LAWN
- EROSION CONTROL GRASSES
- SHRUBS
- DETERRENT SHRUBS
- POLLINATORS
- TREES & POLLINATORS ≥3:1
- TREES & SHRUBS ≥2:1 TO <3:1
- STREETSCAPE PLANTS
- STREETSCAPE DETERRENT SHRUBS
- STORMWATER TREATMENT
- FORESTED WETLAND
- SCRUB SHRUB WETLAND
- RIPARIAN FOREST
- RIPARIAN RESTORATION
- RIPARIAN SHRUBS
- PRESERVATION AREA
- WETLAND PRESERVATION
- ETHNOBOTANICAL PLANTING OR OTHER (See PAUDP)

- HISTORIC BRIDGE REMNANT
- NO PLANTING
- GRAVEL
- ASHLAR STAMPED CONCRETE
- TRAIL SPECIALTY PAVING
- ITS CABINET
- DRAINAGE OUTFALL



N MERIDIAN AVE INTERCHANGE | The Plan Map illustrating the diverging diamond interchange outlines the proposed treatments for roadside restoration. It addresses urban requirements, incorporates ecological enhancements, integrates historical elements, and responds to existing interfaces.

The SR 167 Expressway project was carefully designed in three stages. Each stage utilized both 2D and 3D coordination to ensure a seamless integration of transportation infrastructure, the spuyaləpabš Trail, and over 500 acres of new habitat within the region.

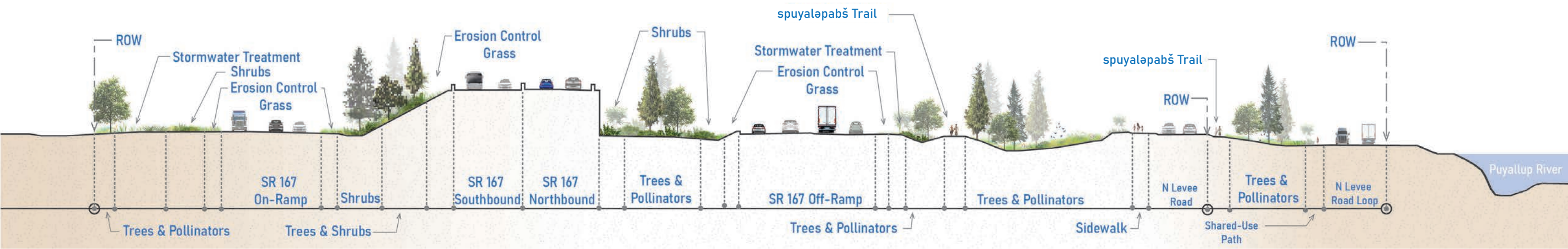
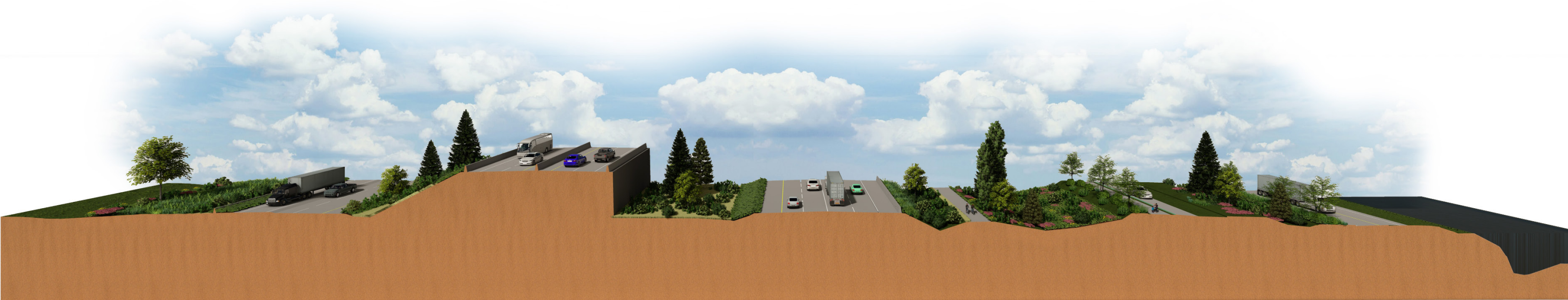
6 miles
of new trails

240 acres
of new habitat

275 acres
of wetland &
floodplain restoration

1M plants
planned

2 miles
of stream
restoration



ROADWAY SECTIONS | Illustrations of SR 167 Expressway Corridor: Showcasing Roadway Restoration Treatments, Habitat Mitigation Areas, and spuyaləpabš Trail interactions.

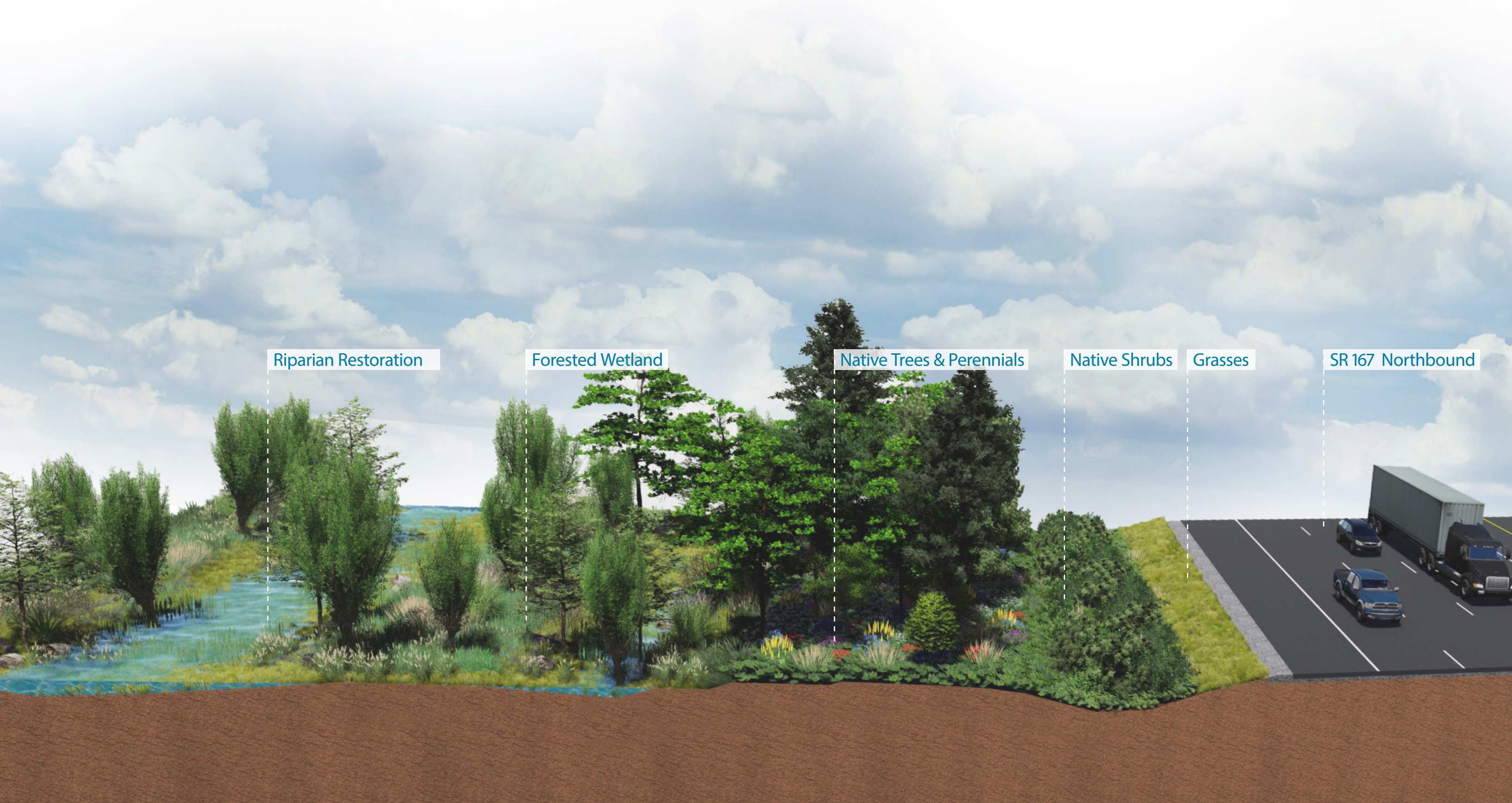


DIVERGING DIAMOND INTERCHANGE | Rendering of the SR 167 Overpass and N Meridian Ave Junction: Visual Approaches, Pedestrian Connections, and Street Landscape Treatments.



- KEY NOTES
- 1 Use vegetation to soften transitions and screen as required
 - 2 Provide fall protection on abutment and walls
 - 3 Street trees and lawn
 - 4 Maintain pedestrian and motorist sightlines at interfaces for safety
 - 5 Provide specialty paving at shared-use path
 - 6 Provide pedestrian handrail at bridge and walls
 - 7 Provide right of way or storm pond fencing
 - 8 Detention Pond

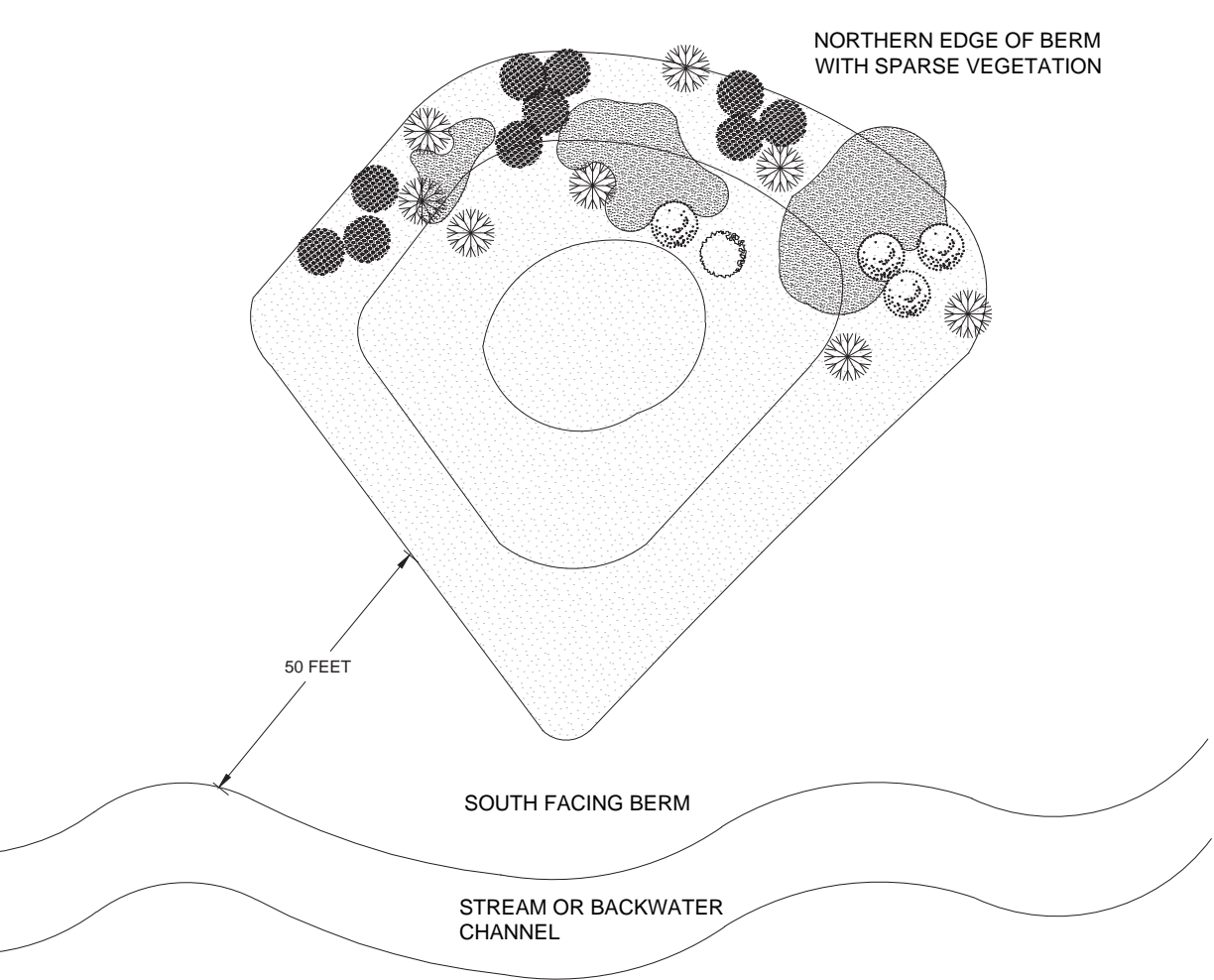
WAPTO CREEK AND FREEMAN ROAD OVERPASS | Plan rendering of the SR 167 overpass illustrating the connectivity between the spuyaləpabš Trail and city sidewalk interface and the preferred treatments for differing conditions.



RIPARIAN RESTORATION PROGRAM (RRP) | The RRP is restoring large areas of stream, wetland, and floodplain habitat while eliminating chronic flooding issues and water conflicts with Interstate 5 and Highway 99.

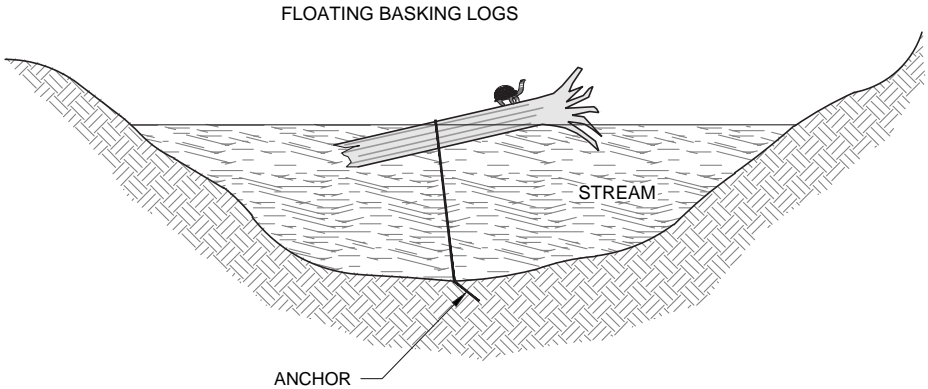
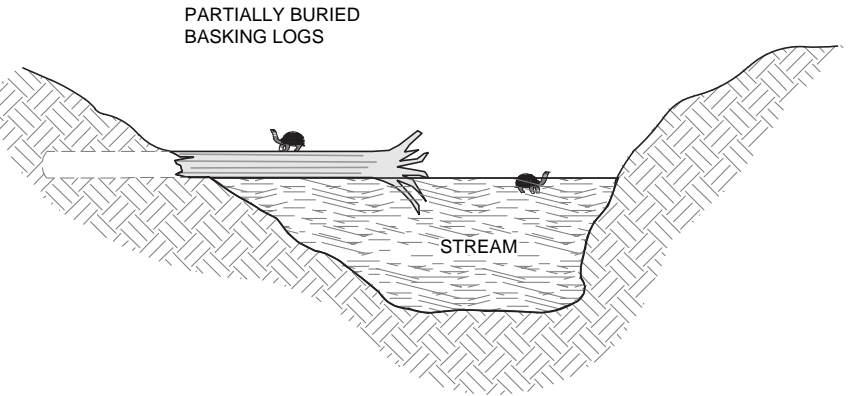
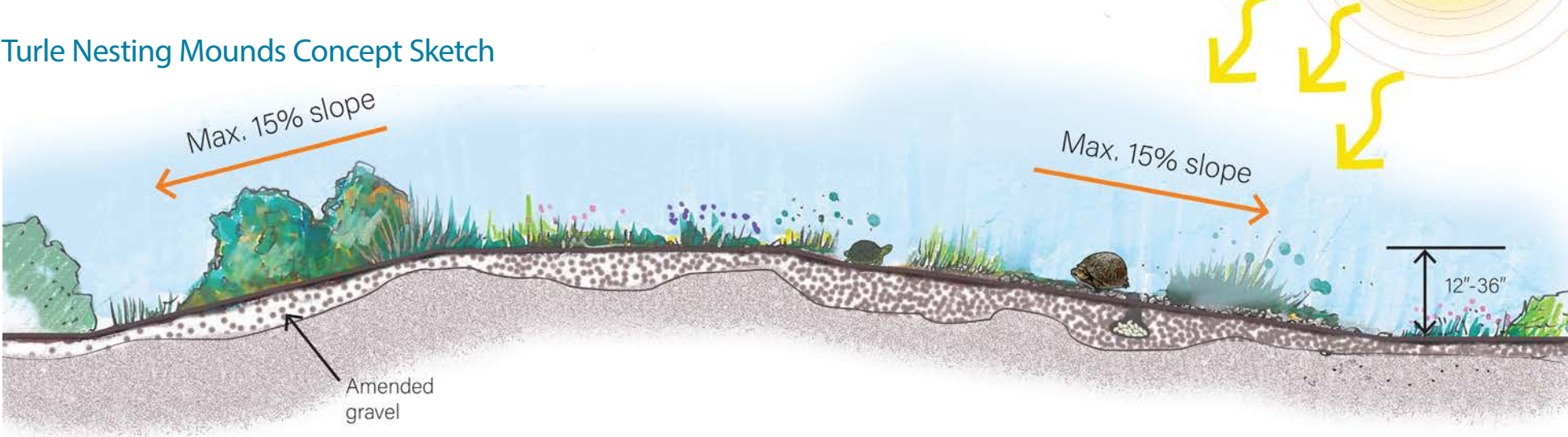


RIPARIAN CONSTRUCTION | These photos show some of the initial phases of stream construction. The design reintroduces meandering stream channels that were previously ditched while preserving islands of mature native vegetation.



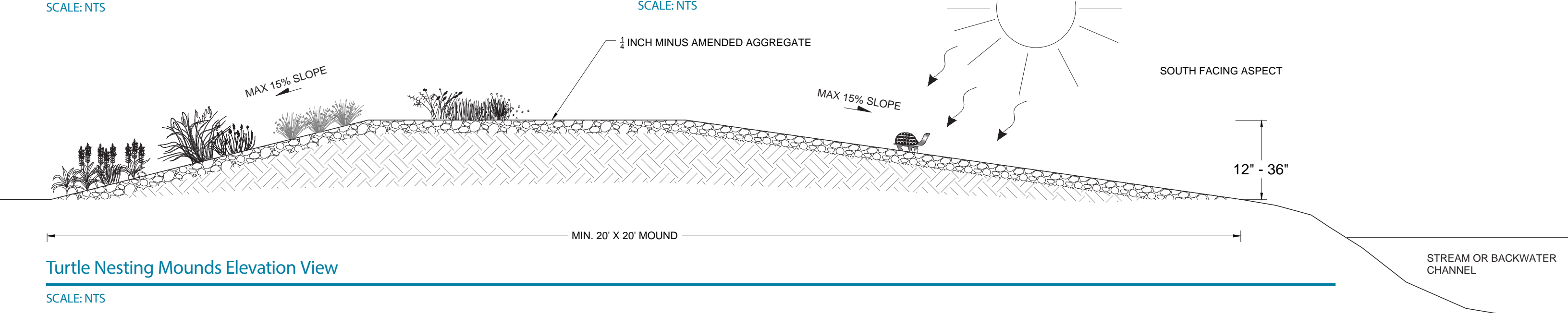
Turtle Nesting Mounds Plan View

SCALE: NTS



Turtle Basking Logs

SCALE: NTS



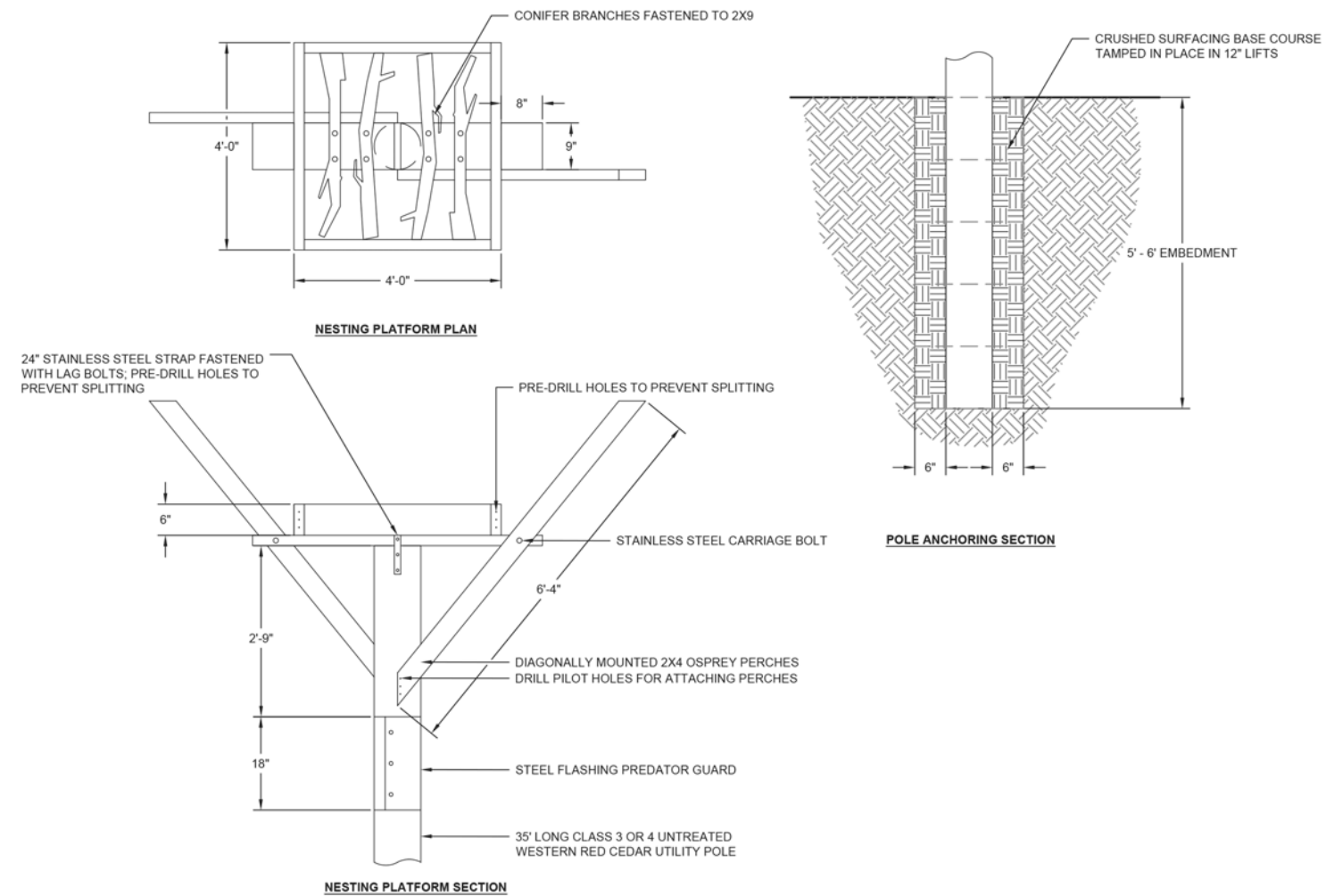
Turtle Nesting Mounds Elevation View

SCALE: NTS

HABITAT FEATURE DETAILS | While there is often general guidance on the type of site features that wildlife require throughout their life cycles, there are rarely construction details that communicate to contractors how to build these features within restoration projects.



At this location only, provide 3 layers of minimum 3" rock to Type One streambed boulders with at least half the Type One streambed boulders to be embedded into the slope. Rock is to only be implemented above the 100 year flood elevation. Placement of rock or streambed boulders shall be coordinated with the Stream Design Engineer (SDE).

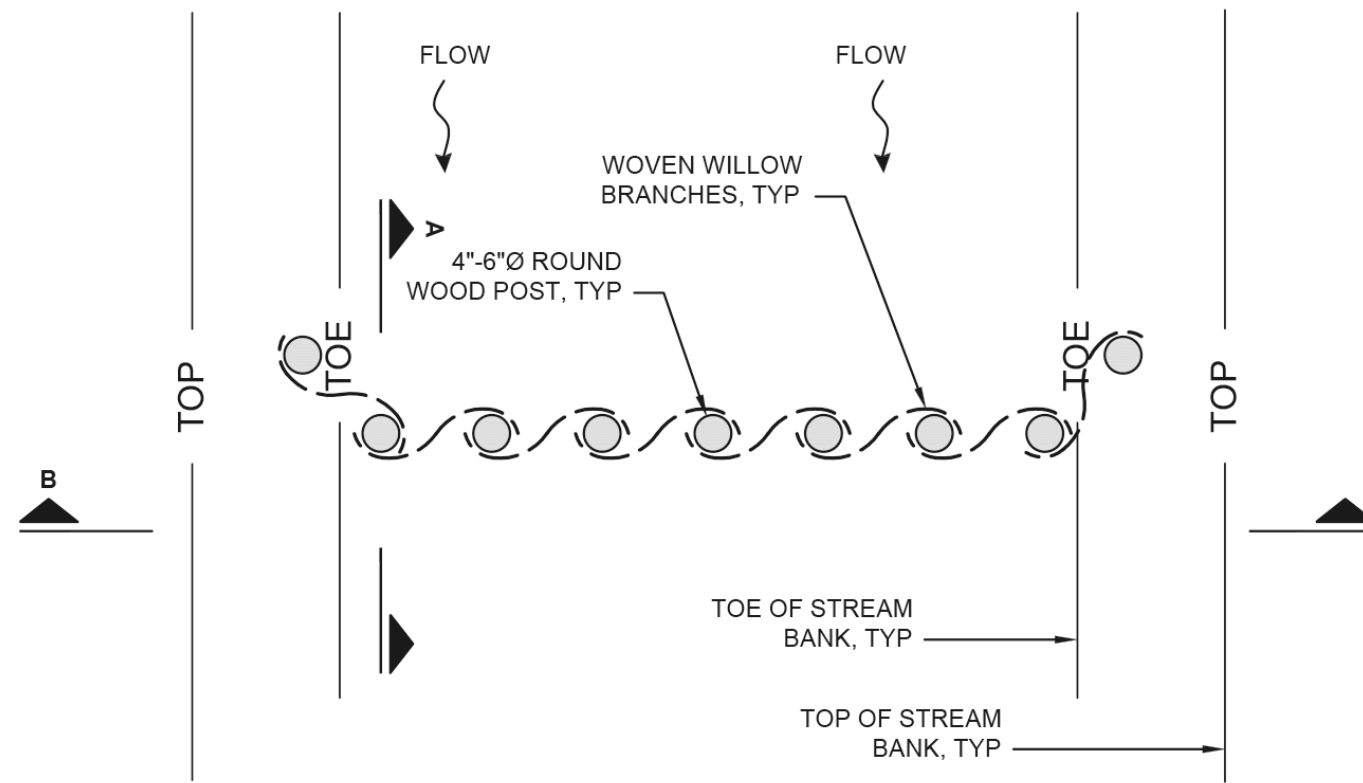


OSPREY NESTING PLATFORM

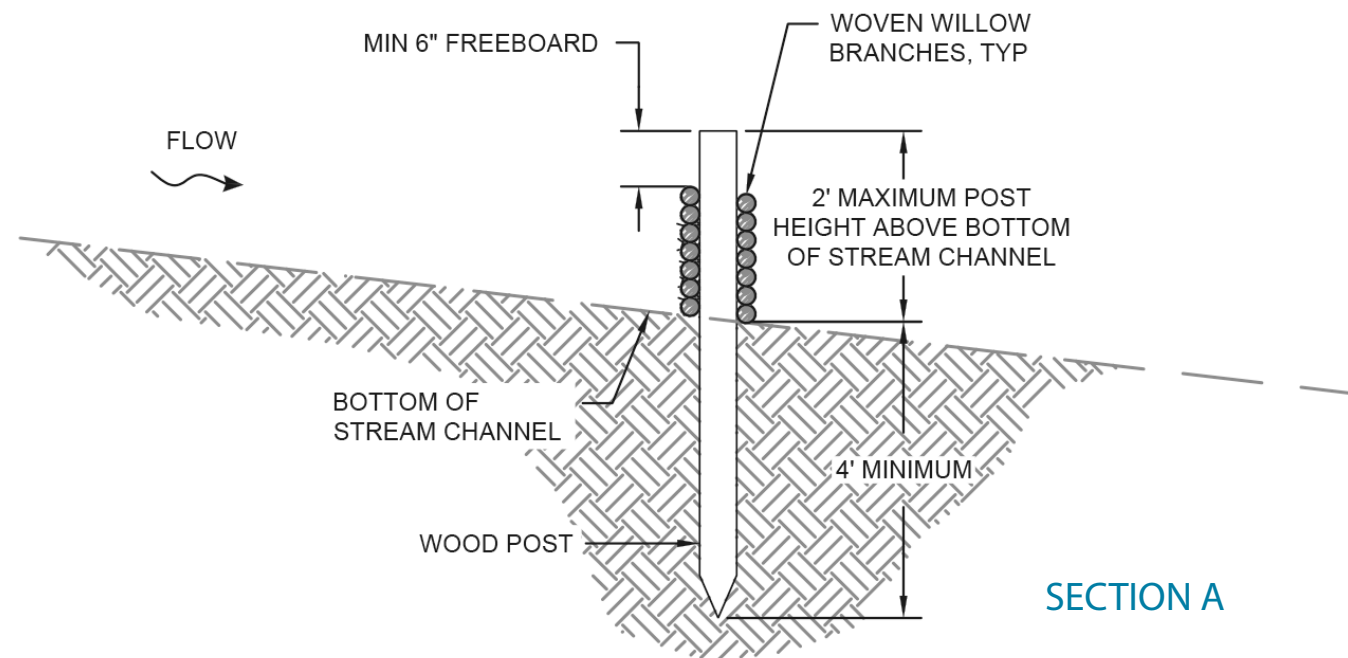
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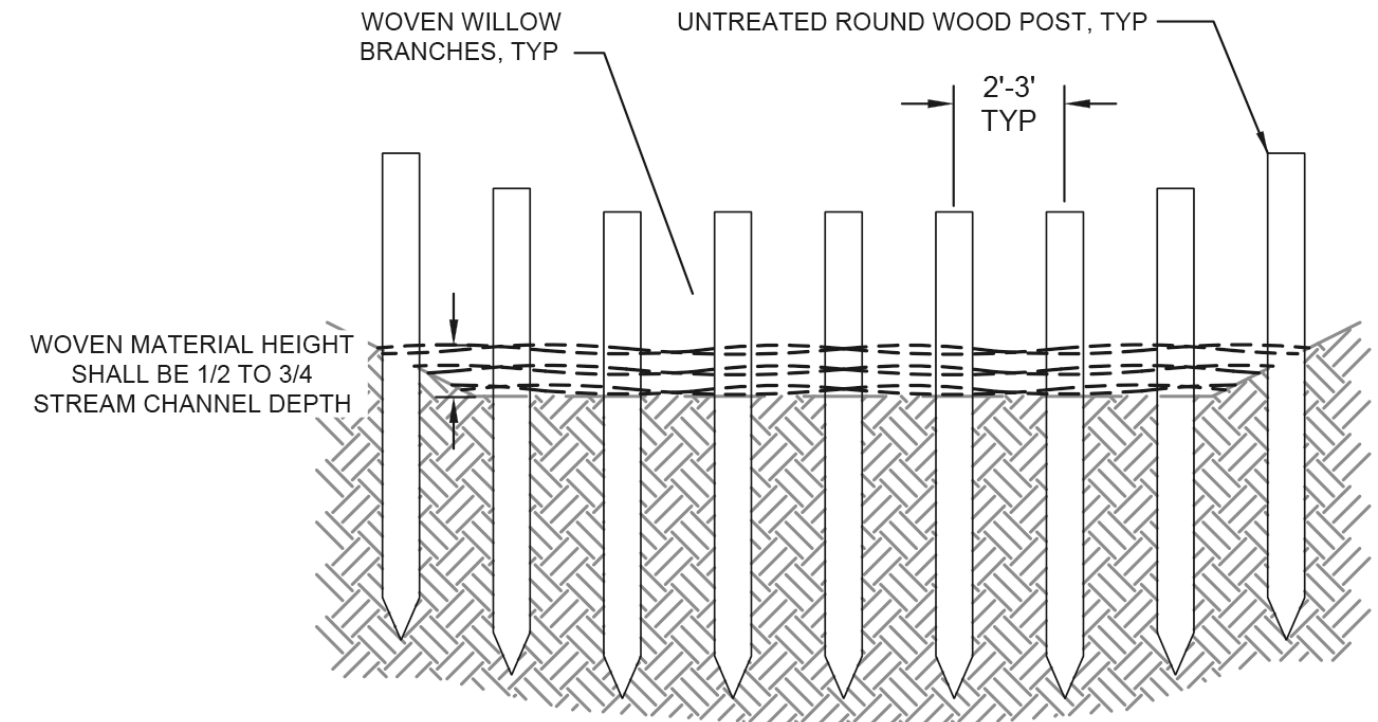
WILDLIFE CROSSINGS AND HABITAT FEATURES | The project removes barriers to aquatic and terrestrial wildlife. Several bridges will be replaced to include a bench for wildlife crossing. Nesting platforms, boxes, and beaver dam analogs will be implemented throughout the project.



PLAN



SECTION A



SECTION B

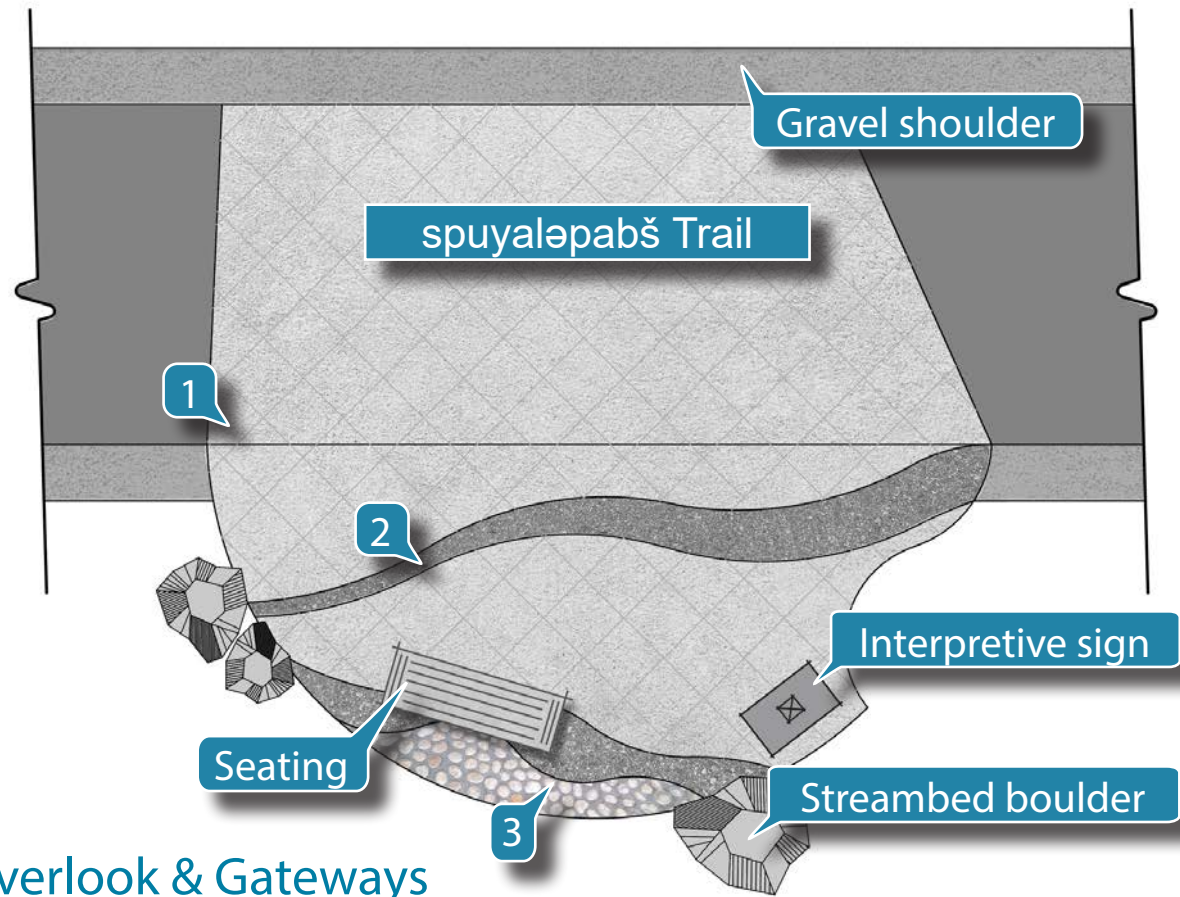
BEAVER DAM ANALOG CONSTRUCTION NOTES

1. INSTALL UNTREATED, WOODEN FENCEPOST ACROSS THE BOTTOM OF THE STREAM CHANNEL. POSTS SHALL BE BURIED TO A DEPTH OF 4 FEET MINIMUM, WITH UP TO 2 FEET OF THE POST REMAINING ABOVE GRADE.
2. FENCE POSTS SHALL BE UNTREATED NATIVE CEDAR OR PINE SPECIES, FREE OF PESTS, AND STRIPPED OF BARK.
3. INSTALLATION MAY BE SIMPLIFIED BY SHARPENING THE BOTTOM END OF THE FENCE POSTS TO A POINT.
4. WEAVE 3-5 ROWS OF LONG WILLOW STAKES AND SLASH INTO RACKING LOGS TO CREATE A PERMEABLE SURFACE. WILLOWS SHALL BE NATIVE SPECIES SUCH AS SALIX HOOKERIANA, SALIX LUCIDA SSP. LASIANDRA, SALIX SCOULERIANA, OR SALIX SITCHENSIS. WOVEN MATERIALS SHALL EXTEND UP TO 1/2 TO 3/4 OF THE CHANNEL DEPTH.

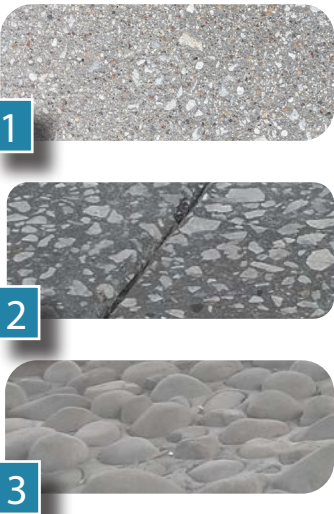
BEAVER DAM ANALOG

SCALE: NTS

WILDLIFE HABITAT FEATURES | The detail above describes the construction of one of the wildlife habitat features that are included in the project area – a beaver dam analog structure, getting ahead of inevitable beaver construction.

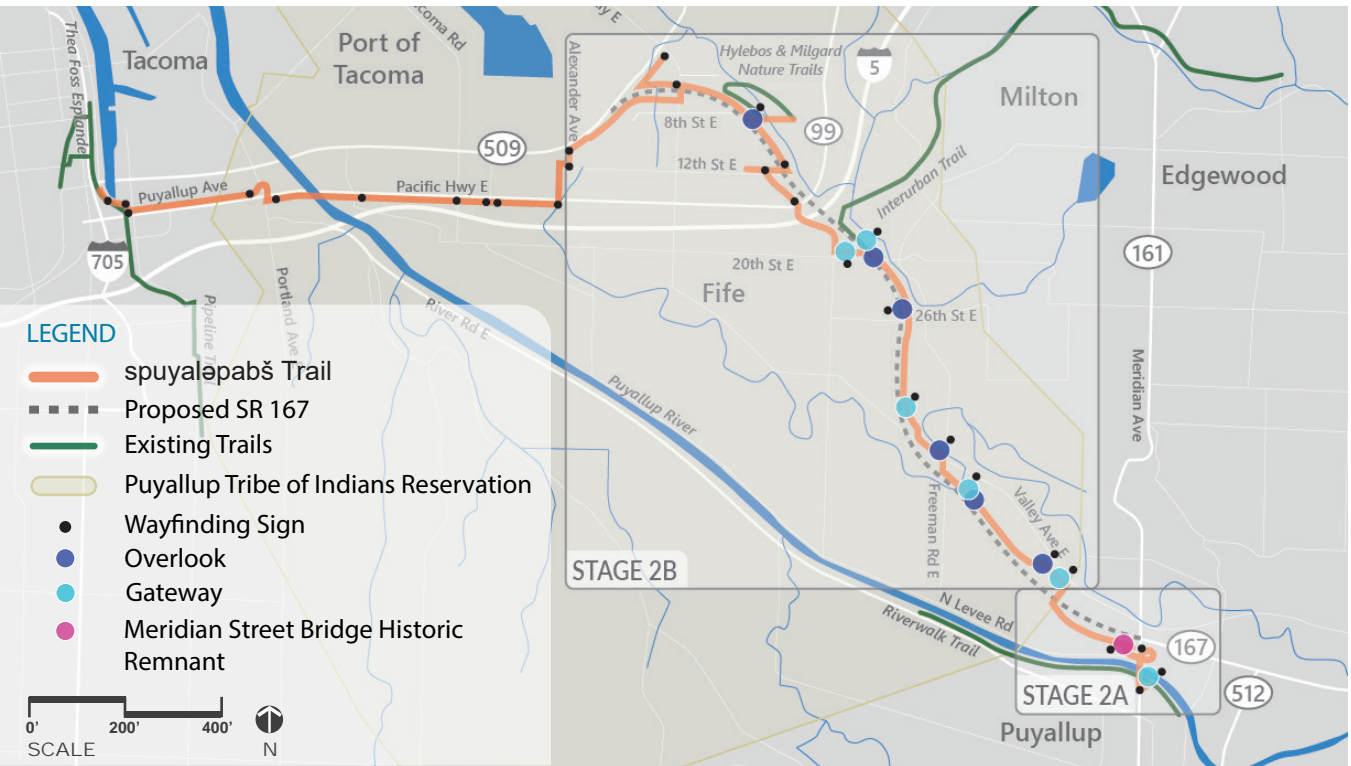


Specialty Paving Types

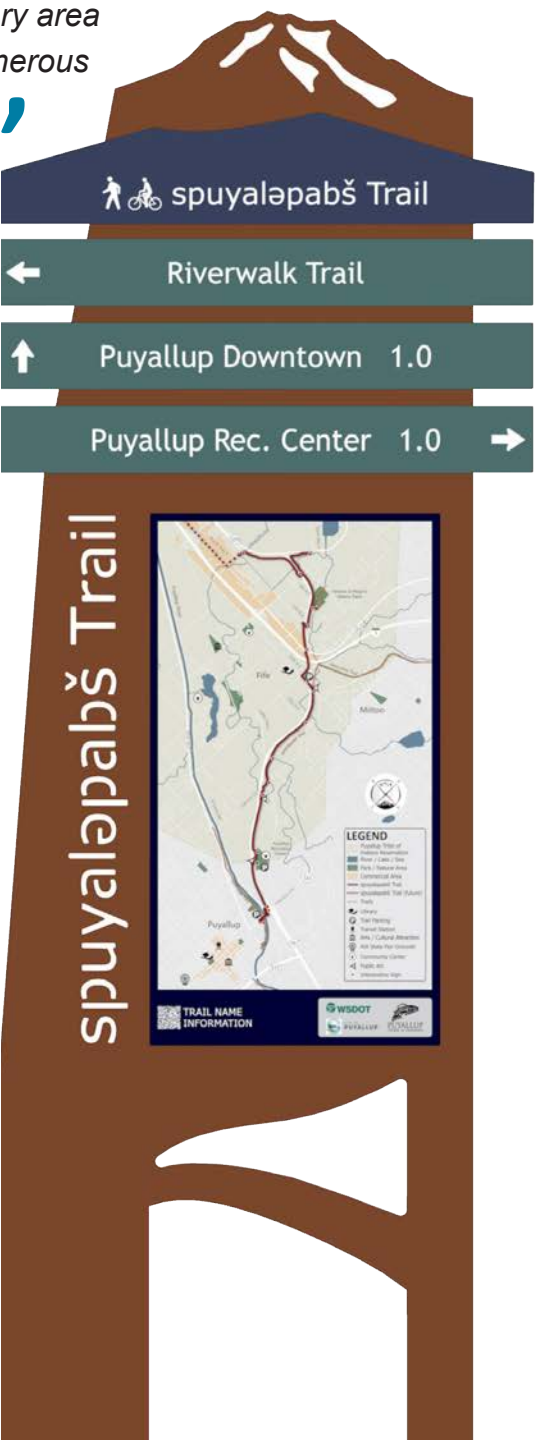


“ In our Lushootseed language we are called *spuyaləpabš*—people from the bend at the bottom of the river. This refers to the numerous villages that extended from the mouth of the Puyallup River, near the present-day Tacoma Dome, and along the river to this very area where you stand. Over time, our peoples’ welcoming and generous behavior infused meaning into *spuyaləpabš*, or Puyallup... ”

Overlook & Gateways



Major Wayfinding



Minor Wayfinding

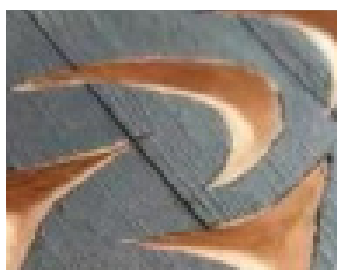
TRAIL THEMES & WAYFINDING | Trail design features use materials, forms, and patterns to reflect the themes established for the project. Interpretive education integrated into design features tell the story of Tribal history, culture, language, and heritage throughout the trail.



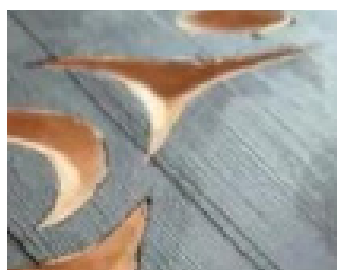
Wall Contour Reference



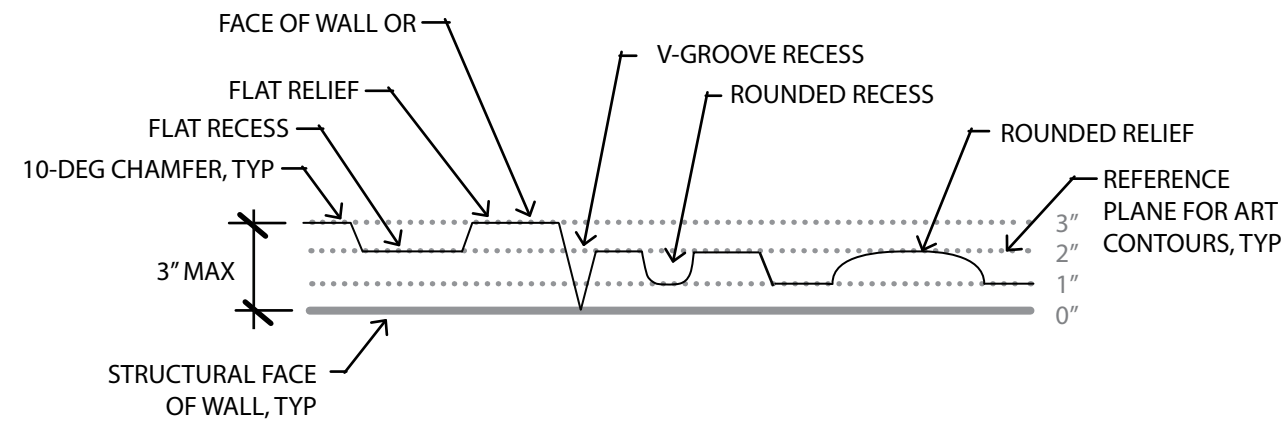
Trigon V-Groove Recess
(along centerline to a
triangular point)



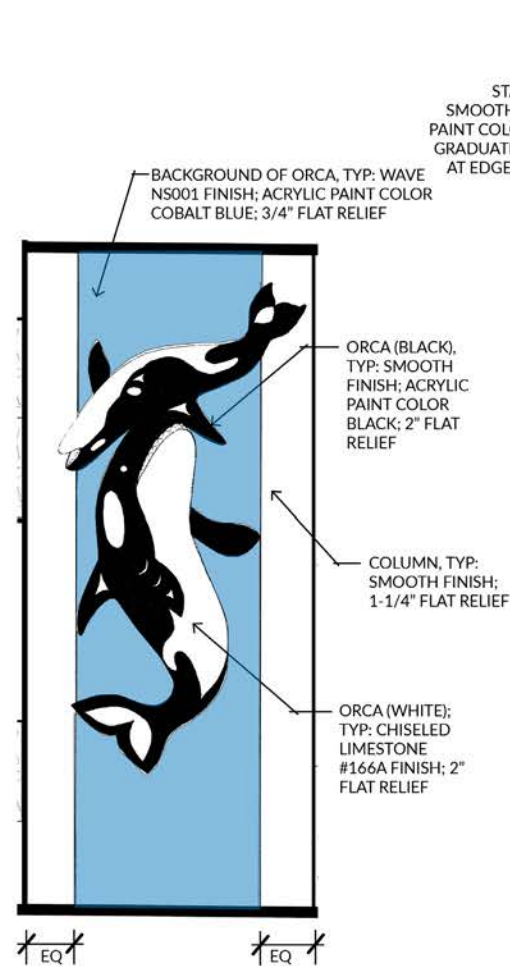
Crescent V-Groove
Recess
(along centerline)



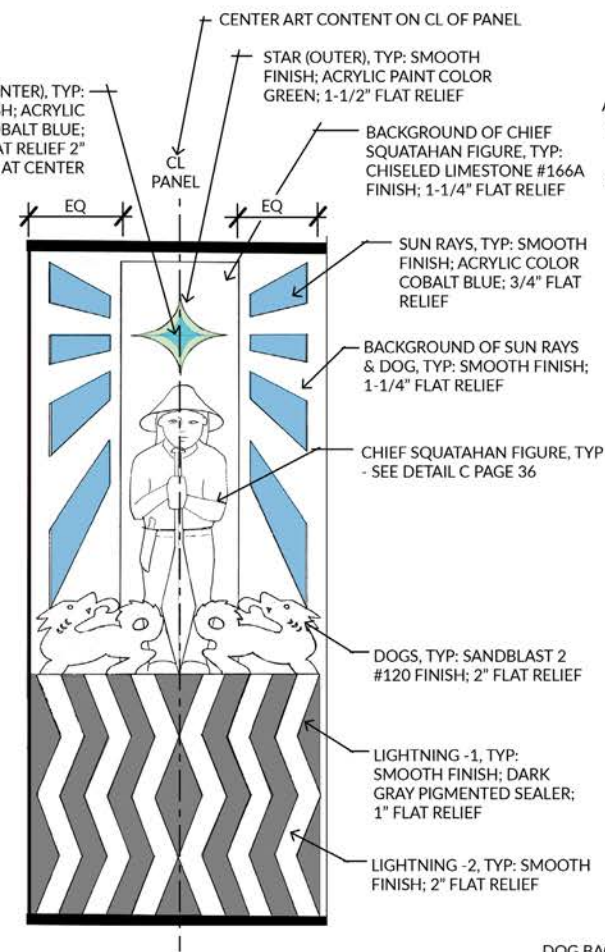
Rounded Recess
(uniform curve)



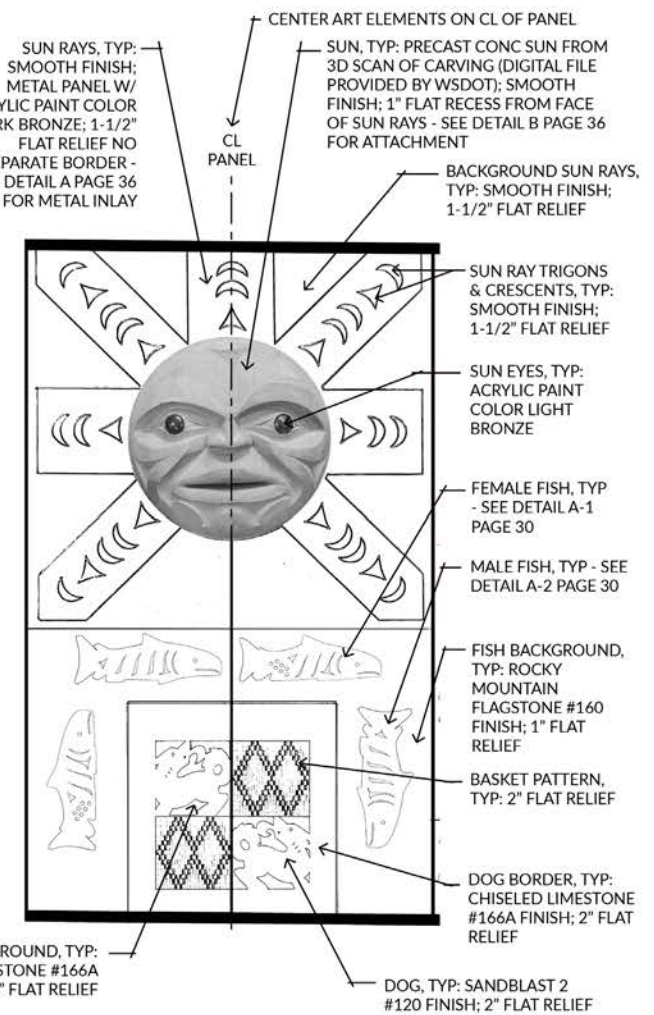
Typical Recess/Relief Types Detail



Orca Panel Concept



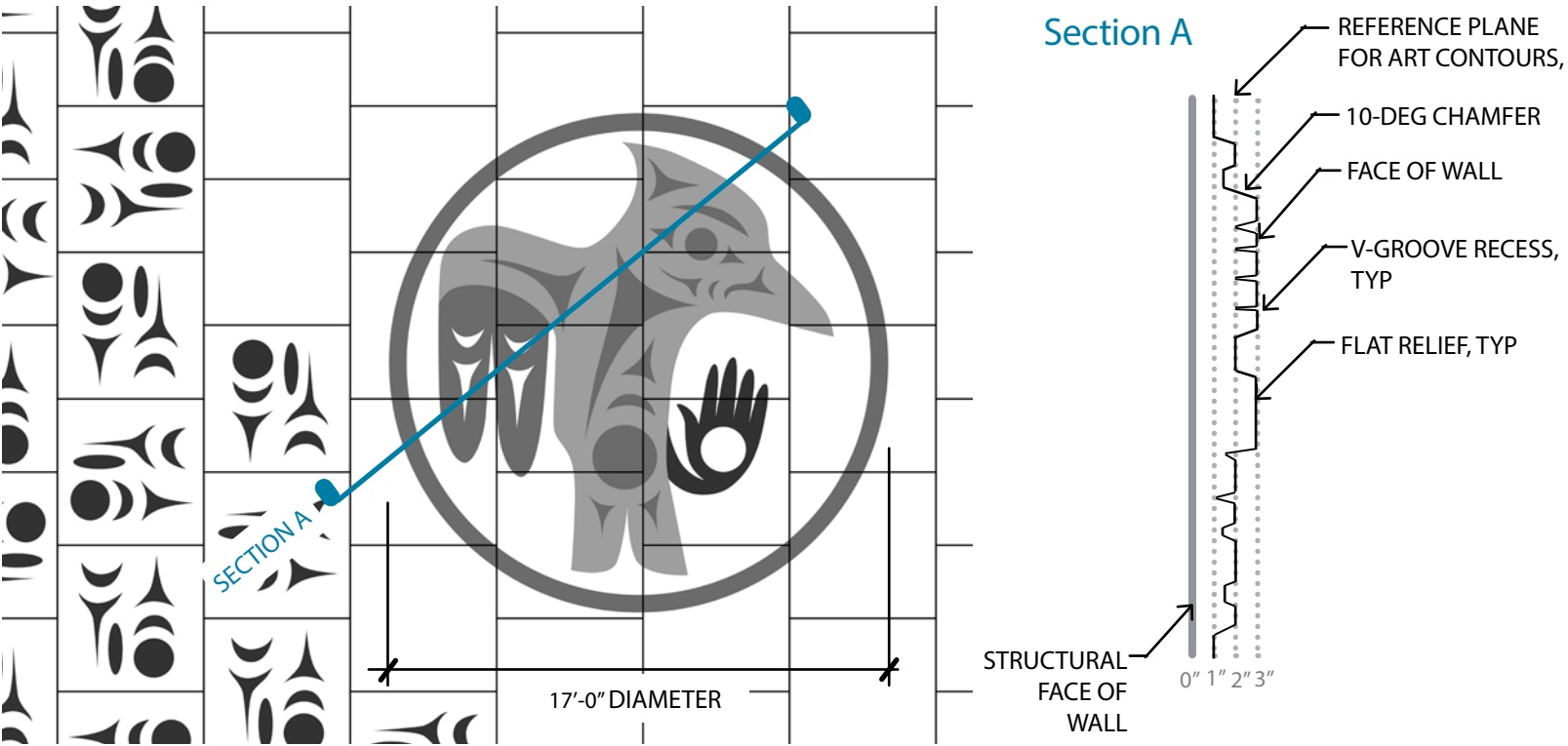
Chief Squatahan Panel Concept



Sun Panel Concept

SURPRISE LAKE TRIBUTARY NORTH | Proposed art installation titled “In the Shadow of the Sacred Mountain.” This installation takes inspiration from the history of the Puyallup Tribe of Indians, from time of Chief Squatahan to the modern-day Canoe Journey.

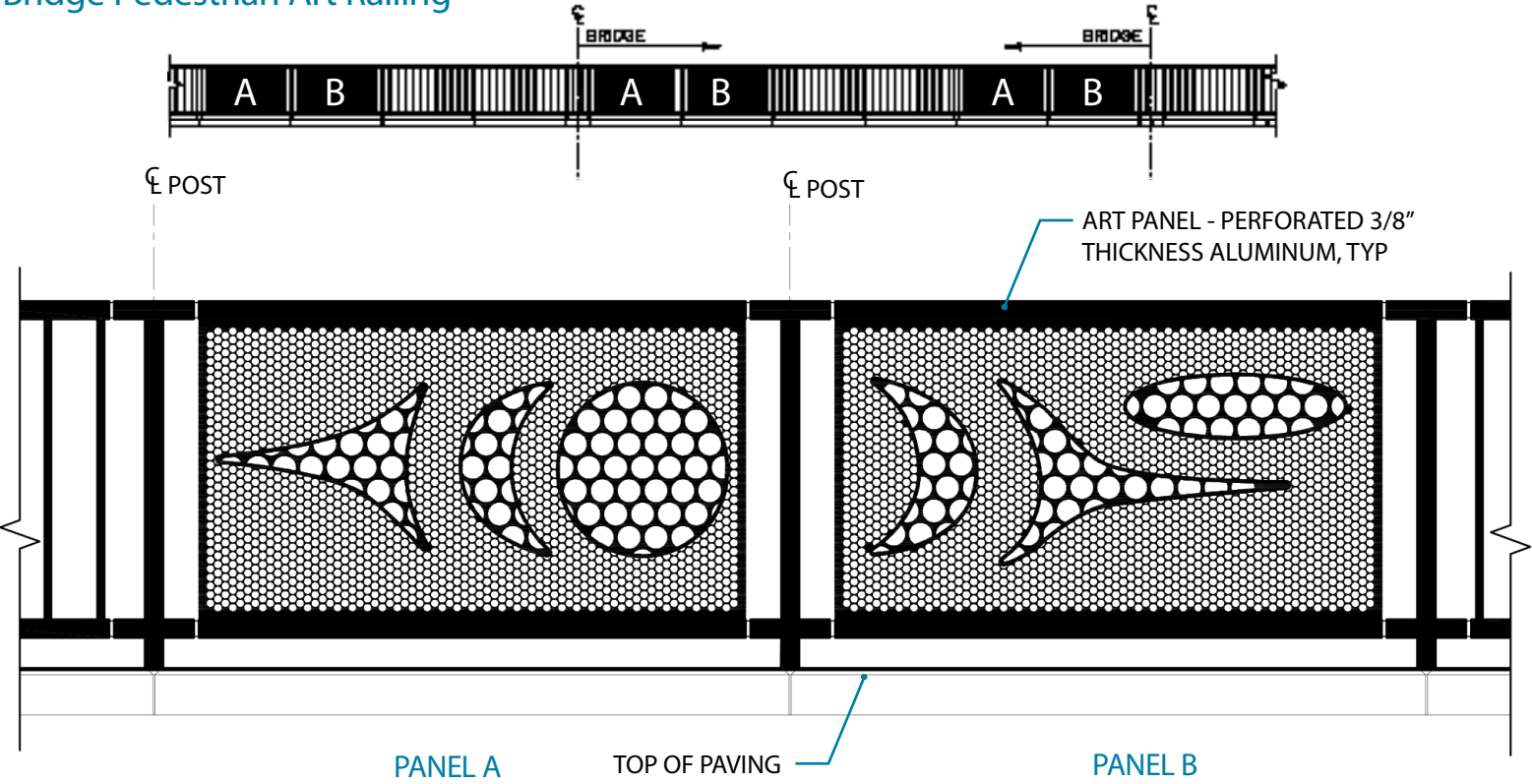
Blue Jay Detail



Art by: Anthony Duenas



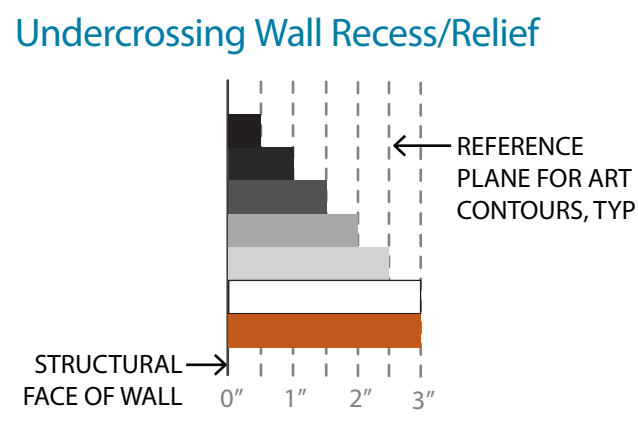
Bridge Pedestrian Art Railing



WAPATO CREEK SOUTH | Rendering of the proposed art installation titled “How Blue Jay Got the Songs.” This installation represents the artist’s interpretation of a traditional narrative story of how the Bluejay got the songs from the sky world.



Art by: Chris Duenas



PUYALLUP RECREATION CENTER UNDERPASS | Proposed art installation “Information of the First People” showing the portal into the SR 167 underpass. This installation represents Puyallup Tribal history, language and culture and how traditions are passed on through carvings and stories.



The historic Meridian Street Bridge originally spanned the Puyallup River, WSDOT relocated the entire bridge to a nearby open space until a remnant could be saved and placed along the trail.



MERIDIAN STREET HISTORIC BRIDGE REMNANT | Rendering of the Meridian Street Bridge historic remnant placed along the spuyaləpabš Trail. Interpretive signage highlights the historic nature of the bridge at pedestrian friendly overlook.