A 11,000 SF expansion of existing Courtney Creek riparian forest along the western edge of the Elks Lodge will also include 4000 SF of stormwater treatment for McLoughlin Blvd. Runoff from approximately 60,000 SF of roadway and another 60,000 road frontage property will be collected in a water quality manhole at the SE corner of the parking garage for preliminary treatment and removal of silts and oils. The stormwater then travels via an underground pipe along the south edge of the parking garage to the stormwater swale for further treatment. The overflow for the facility then joins the existing Courtney Creek at an overflow inlet just to the south. Currently, the stormwater is untreated drains directly to Courtney Creek, and eventually Kellogg Lake.

A portion of the parking garage stormwater and other impervious site improvements will be treated in a swale along the west side of the garage. As part of the N.I.N. program, the riparian forest habitat will be expanded to the maximum available area to extend the existing forest to the north.

Stormwater from an additional 10,000 SF of McLoughlin Blvd (between Park Avenue and the southern access drive of the parking garage) will be collected via catch basins and piped to a 1500 SF treatment swale near the NE corner of garage.

Removal of invasive species and limited replanting will be performed to help restore existing riparian forest.

Stormwater from station platform, systems buildings and plaza north of Park Avenue will be treated in a swale along the east side of the Trolley Trail. As part of the N.I.N. program, the riparian forest habitat will be expanded to the maximum available area between the trail, buildings and plaza.

A new retaining wall of up to 14’ tall is required along the west edge of the Trolley Trail. The wall will be terraced with landscaping to minimize its scale and to provide additional habitat through the trail corridor.

Note: Screened or faded portions of the illustration are either existing and/or baseline project elements.
Courtney Springs Creek Riparian Forest Expansion

Partial Plan

Section A-A

Note:
Screened or faded portions of the illustration are either existing and/or baseline project elements.

Habitat Imagery

Riparian Forest Species
- Raccoon
- Spotted towhee
- Norway rat
- Bats
- Pacific Tree Frog
Riparian Forest Species
- Raccoon
- Spotted Towhee
- Norway rat
- Bats
- Pacific Tree Frog

Habitat Imagery

Note: Screened or faded portions of the illustration are either existing and/or baseline project elements.
Partial Plan

Stormwater Feature at Face of garage
Vertical Trellis and Enhanced Planting at North face of garage
Intensive Planting on Parking Garage

Section C-C

Developed Habitat Species
Mourning dove
Rufous hummingbird
Wrentz scrub-jay

American robin
Douglas' squirrel

Note:
Screened or faded portions of the illustration are either existing and/or baseline project elements.

Habitat Imagery