

South Park Bridge Seattle, Washington



When King County bridge inspections determined the historic but failing South Park Bridge was becoming a safety hazard, they selected a design team to prepare plans for a larger replacement structure that would accommodate the projected future increasing commercial and general traffic volumes.

Osborn Pacific Group was awarded two separate contracts for the replacement of the South Park Bridge. For the first contract, Osborn Pacific Group completed the visual assessment discipline report and provided the visual quality chapter in the environmental impact statement. This work included analyzing visual impacts for three proposed build alternatives.

Osborn Pacific Group was also the environmental consultant on the bridge design team during the

second contract. Osborn Pacific Group was responsible for restoring aquatic and terrestrial habitat functions to this important, but severely degraded reach in the lower Duwamish River. This lower reach of the river is very important in juvenile salmon's lifecycle because this is where they become acclimated to salt water. The shoreline enhancement and mitigation included removal of bank armoring, creation of a new intertidal zone, positioning rootwads, and specifying emergent plants in the tidally influenced aquatic habitat zone. In the bioengineered upland riverbank habitat zone, Osborn Pacific Group included riparian trees and shrubs. Protective netting was specified to discourage Canadian geese.

Project:

South Park Bridge

Client:

*King County,
Department of Transportation*

Location:

Renton, Washington

Date:

2014

Services:

*Visual Assessment Discipline Report
and chapter on visual quality in the
environmental impact statement.
Environmental restoration along the
shoreline.*