Meadowdale Beach Park and Estuary Restoration project is a collaborative effort to address multiple ecological impacts along a portion of the Puget Sound shoreline considered the “most degraded” throughout the region from shoreline armoring (Puget Sound Nearshore Ecosystem Restoration Project). This project has the potential to be replicated along other similarly impacted sections of shoreline. This project proposes to remove a section of railroad embankment and an undersized culvert conveying Lund’s Gulch Creek and replace with a multi-span railroad bridge. The widened opening and removal of fill in a historic marsh area will restore natural coastal sediment and hydrologic processes; providing ample capacity for tidal and creek channels and habitats to adapt to extreme weather events and changing sea level conditions. Restoration of the pocket estuary will provide high-functioning sustainable rearing habitat for Endangered Species Act (ESA-listed) non-natal juvenile Chinook, coho, chum, cutthroat trout, and other fish; benefitting additional species in the larger Puget Sound food web, including Southern Resident killer whales.

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**PROPOSED**

- 17,000 cubic yards of fill to be removed from historic marsh area
- 2,000 cubic yards of shoreline armoring to be removed to restore fish passage and coastal processes
- 1.3 acres of lawn and pavement to be restored to a pocket estuary for juvenile salmon habitat
- 80-250 annual cubic yards of beach nourishment