

**APPENDIX S
CUMULATIVE IMPACTS FOR
HISTORICAL AND CULTURAL PRESERVATION**

This appendix provides additional discussion regarding potential cumulative impacts from construction of Alternatives 1 and 2.

Future development in the project area (e.g., public works projects such as potential transportation improvements in the Mercer Street Corridor or through private development of individual properties) may include demolition or substantial alteration of historic structures. Future public and private development in the subbasin may decrease the number of significant historic structures in the area. Projects using federal funds require compliance with Section 106 of the National Historic Preservation Act, which requires assessment and evaluation for archaeological resources and historic structures. Private development and utility construction near the south shore of Lake Union may also affect hunter-fisher-gatherer and historic archaeological deposits, but would probably be less likely to require studies for archaeological resources prior to construction and/or building demolition.

Specific future projects in the South Lake Union and Elliott Bay subbasins include the UNOCAL property remediation project, the Roy Street underpass, and the Vine Street Basin project. Potential excavations for the UNOCAL project would probably encounter historic archaeological deposits related to lumber mill operations at the south end of Lake Union. Depending on federal and state permitting requirements, some archaeological deposits which may be eligible for the National Register of Historic Places could be destroyed.

Privately funded development projects in the project area that do not use federal monies may result in the future demolition of historic structures which may be eligible for listing on the National Register of Historic Places and/or for designation as a Seattle City Landmark. A reduction in the number of historic structures may increase the future importance of the remaining historic properties in the area. The possible Roy Street underpass is on the edge of an area with some potential for archaeological deposits but may not have any cultural materials directly in the project footprint. No historic structures that may be eligible for listing on the National Register of Historic Places and/or are eligible for designation as a Seattle City Landmark are at the intersection of Roy Street and Aurora Avenue.