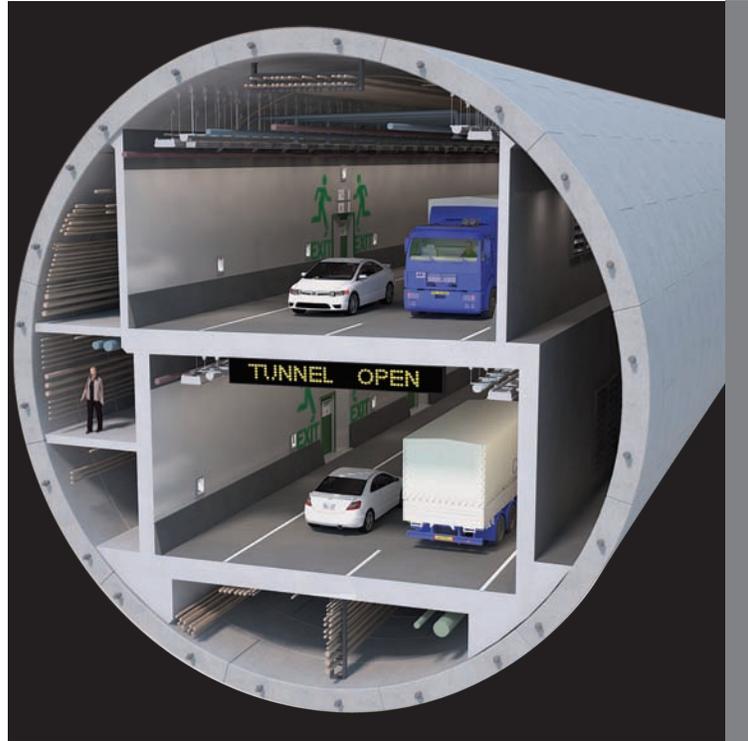


ALASKAN WAY VIADUCT REPLACEMENT PROJECT

2010 Supplemental Draft Environmental Impact Statement

APPENDIX J Section 4(f) Supplemental Materials



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OCTOBER 2010

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Alaskan Way Viaduct Replacement Project

Supplemental Draft EIS

Section 4(f) Supplemental Materials

The Alaskan Way Viaduct Replacement Project is a joint effort between the Federal Highway Administration (FHWA), the Washington State Department of Transportation (WSDOT), and the City of Seattle. To conduct this project, WSDOT contracted with:

Parsons Brinckerhoff

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In association with:

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ACRONYMS AND ABBREVIATIONS

CFR	Code of Federal Regulations
DAHP	Washington State Department of Archaeology and Historic Preservation
EIS	Environmental Impact Statement
FHWA	Federal Highway Administration
NEPA	National Environmental Policy Act
NRHP	National Register of Historic Places
Program	Alaskan Way Viaduct and Seawall Replacement Program
project	Alaskan Way Viaduct Replacement Project
PSHD	Pioneer Square Historic District
SDOT	Seattle Department of Transportation
SODO	South of Downtown
SR	State Route
WOSCA	Washington-Oregon Shippers Cooperative Association
WSDOT	Washington State Department of Transportation

The SR 99 Alaskan Way Viaduct Replacement Project – Section 4(f) Supplemental Materials Discipline Report contains sensitive cultural resources information that is exempt from public disclosure pursuant to provisions of the Public Records Act (RCW 42.56.300). Because the sensitive information within this document has been redacted, the reader will find black bars that obscure information relating to resource locations.

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INTRODUCTION

This document evaluates the Bored Tunnel Alternative, the new alternative under consideration for replacing the Alaskan Way Viaduct. This document and the Alaskan Way Viaduct Replacement Project Supplemental Draft Environmental Impact Statement (EIS) that it supports are intended to provide new information and updated analyses to those presented in the March 2004 Alaskan Way Viaduct and Seawall Replacement Project Draft EIS and the July 2006 Alaskan Way Viaduct and Seawall Replacement Project Supplemental Draft EIS. The discipline reports present the detailed technical analyses of existing conditions and predicted effects of the Bored Tunnel Alternative. The results of these analyses are presented in the main volume of the Supplemental Draft EIS.

The Federal Highway Administration (FHWA) is the lead federal agency for this project, primarily responsible for compliance with the National Environmental Policy Act (NEPA) and other federal regulations, as well as distributing federal funding. As part of the NEPA process, FHWA is also responsible for selecting the preferred alternative. FHWA will base its decision on the information evaluated during the environmental review process, including information contained within the Supplemental Draft EIS and the subsequent Final EIS. FHWA will make its decision independently.

The 2004 Draft EIS (WSDOT et al. 2004) evaluated five Build Alternatives and a No Build Alternative. In December 2004, the project proponents identified the Cut-and-Cover Tunnel Alternative as the preferred alternative and carried the Rebuild Alternative forward for analysis as well. The 2006 Supplemental Draft EIS (WSDOT et al. 2006) analyzed two alternatives—a refined Cut-and-Cover Tunnel Alternative and a modified rebuild alternative called the Elevated Structure Alternative. After continued public and agency debate, Governor Gregoire called for an advisory vote to be held in the city of Seattle. The March 2007 ballot included an elevated alternative and a surface-tunnel hybrid alternative. The citizens voted down both alternatives.

Following this election, the lead agencies committed to a collaborative process to find a solution to replace the viaduct along Seattle’s central waterfront. This Partnership Process is described in Appendix S, the Project History Report. In January 2009, Governor Gregoire, King County Executive Sims, and Seattle Mayor Nickels announced that the agencies had reached a consensus and recommended replacing the aging viaduct with a bored tunnel.

The environmental review process for the Alaskan Way Viaduct Replacement Project (the project) builds on the five Build Alternatives evaluated in the 2004 Draft EIS and the two Build Alternatives evaluated in the 2006 Supplemental

Draft EIS. It also incorporates the work done during the Partnership Process. The bored tunnel was not studied as part of the previous environmental review process, and so it becomes the eighth alternative to be evaluated in detail.

The Bored Tunnel Alternative analyzed in this document and in the Supplemental Draft EIS has been evaluated both quantitatively and qualitatively. The Bored Tunnel Alternative includes replacing State Route (SR) 99 with a bored tunnel and associated improvements, such as relocating utilities located on or under the viaduct, removing the viaduct, decommissioning the Battery Street Tunnel, and making improvements to the surface streets in the tunnel's south and north portal areas.

Improvements at the south portal area include full northbound and southbound access to and from SR 99 between S. Royal Brougham Way and S. King Street. Alaskan Way S. would be reconfigured with three lanes in each direction from the south tunnel portal to S. King Street. Two options are being considered for new cross streets that would intersect with Alaskan Way S.:

- New Dearborn Intersection – Alaskan Way S. would have one new intersection and cross street at S. Dearborn Street.
- New Dearborn and Charles Intersections – Alaskan Way S. would have two new intersections and cross streets at S. Charles Street and S. Dearborn Street.

Improvements at the north portal area would include restoring Aurora Avenue and providing full northbound and southbound access to and from SR 99 near Harrison and Republican Streets. Aurora Avenue would be restored to grade level between Denny Way and John Street, and John, Thomas, and Harrison Streets would be connected as cross streets. This rebuilt section of Aurora Avenue would connect to the new SR 99 alignment via the ramps at Harrison Street. Mercer Street would be widened for two-way operation from Fifth Avenue N. to Dexter Avenue N. Broad Street would be filled and closed between Ninth Avenue N. and Taylor Avenue N. Two options are being considered for Sixth Avenue N. and the southbound on-ramp:

- The Curved Sixth Avenue option proposes to build a new roadway that would extend Sixth Avenue N. in a curved formation between Harrison and Mercer Streets. The new roadway would have a signalized intersection at Republican Street.
- The Straight Sixth Avenue option proposes to build a new roadway that would extend Sixth Avenue N. from Harrison Street to Mercer Street in a typical grid formation. The new roadway would have signalized intersections at Republican and Mercer Streets.

For these project elements, the analyses of effects and benefits have been quantified with supporting studies, and the resulting data are found in the discipline reports (Appendices A through R). These analyses focus on assessing the Bored Tunnel Alternative's potential effects for both construction and operation, and consider appropriate mitigation measures that could be employed. The Viaduct Closed (No Build Alternative) is also analyzed.

The Alaskan Way Viaduct Replacement Project is one of several independent projects that improve safety and mobility along SR 99 and the Seattle waterfront from the South of Downtown (SODO) area to Seattle Center. Collectively, these individual projects are often referred to as the Alaskan Way Viaduct and Seawall Replacement Program (the Program). This Supplemental Draft EIS evaluates the cumulative effects of all projects in the Program; however, direct and indirect environmental effects of these independent projects will be considered separately in independent environmental documents. This collection of independent projects is categorized into four groups: roadway elements, non-roadway elements, projects under construction, and completed projects.

Roadway Elements

- Alaskan Way Surface Street Improvements
- Elliott/Western Connector
- Mercer West Project (Mercer Street improvements from Fifth Avenue N. to Elliott Avenue)

Non-Roadway Elements

- First Avenue Streetcar Evaluation
- Transit Enhancements
- Elliott Bay Seawall Project
- Alaskan Way Promenade/Public Space

Projects Under Construction

- S. Holgate Street to S. King Street Viaduct Replacement
- Transportation Improvements to Minimize Traffic Effects During Construction

Completed Projects

- SR 99 Yesler Way Vicinity Foundation Stabilization (Column Safety Repairs)
- S. Massachusetts Street to Railroad Way S. Electrical Line Relocation Project (Electrical Line Relocation Along the Viaduct's South End)

Explanation of Section 4(f) Terms

As discussed in the Supplemental Draft EIS Draft Section 4(f) Evaluation, Section 4(f) of the Department of Transportation Act declares a national policy to preserve, where possible, “the natural beauty of the countryside and public park and recreation lands, wildlife and waterfowl refuges, and historic sites.” The regulations can be found in Code of Federal Regulations, Title 23, Part 774 (23 CFR Part 774). These Section 4(f) regulations were comprehensively updated in March 2008 to reflect amendments to Section 4(f) that were made in August 2005 as part of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU).

Section 4(f) restricts the authority of the U.S. Department of Transportation (in this case, FHWA) to approve transportation projects that “use” land from Section 4(f) resources. As defined in Section 4(f) regulations, a “use” occurs when a project permanently incorporates land from a Section 4(f) property, except in certain circumstances. In addition, a use can result from a temporary occupancy of land within a Section 4(f) property, if the temporary occupancy exceeds certain criteria, including the amount of time the use is needed and the amount of the property to be used. A use also can result from proximity effects—such as noise, visual impacts, or vibration—if those effects “substantially” impair the protected features of the property. A use that results from proximity effects is known as a “constructive use.” A constructive use evaluation considers the project’s effects near the protected area to determine if they are so severe that the resources’ activities, features, or attributes are substantially impaired. In this case, a Section 4(f) use could occur even if the project does not actually intrude into the protected site or require any portion of the property.

There are two different ways that FHWA can approve the use of a Section 4(f) resource for a transportation project. FHWA can approve the use of a Section 4(f) resource if it finds that the project will cause a “de minimis impact” on that resource. To make this finding, FHWA must determine that the project will not adversely affect the Section 4(f) resource. This finding requires the concurrence of the official with jurisdiction over the resource. The official with jurisdiction over a park, recreation area, or refuge is typically the agency that owns or administers that resource. The official with jurisdiction over a historic site is the State Historic Preservation Officer, and a de minimis determination requires concurrence with a determination of a “not adverse” effect on the resource under Section 106 of the National Historic Preservation Act.

FHWA also can approve the use of a Section 4(f) resource by preparing a Section 4(f) evaluation. This approach is used in situations where impacts on the Section 4(f) resource are not de minimis.

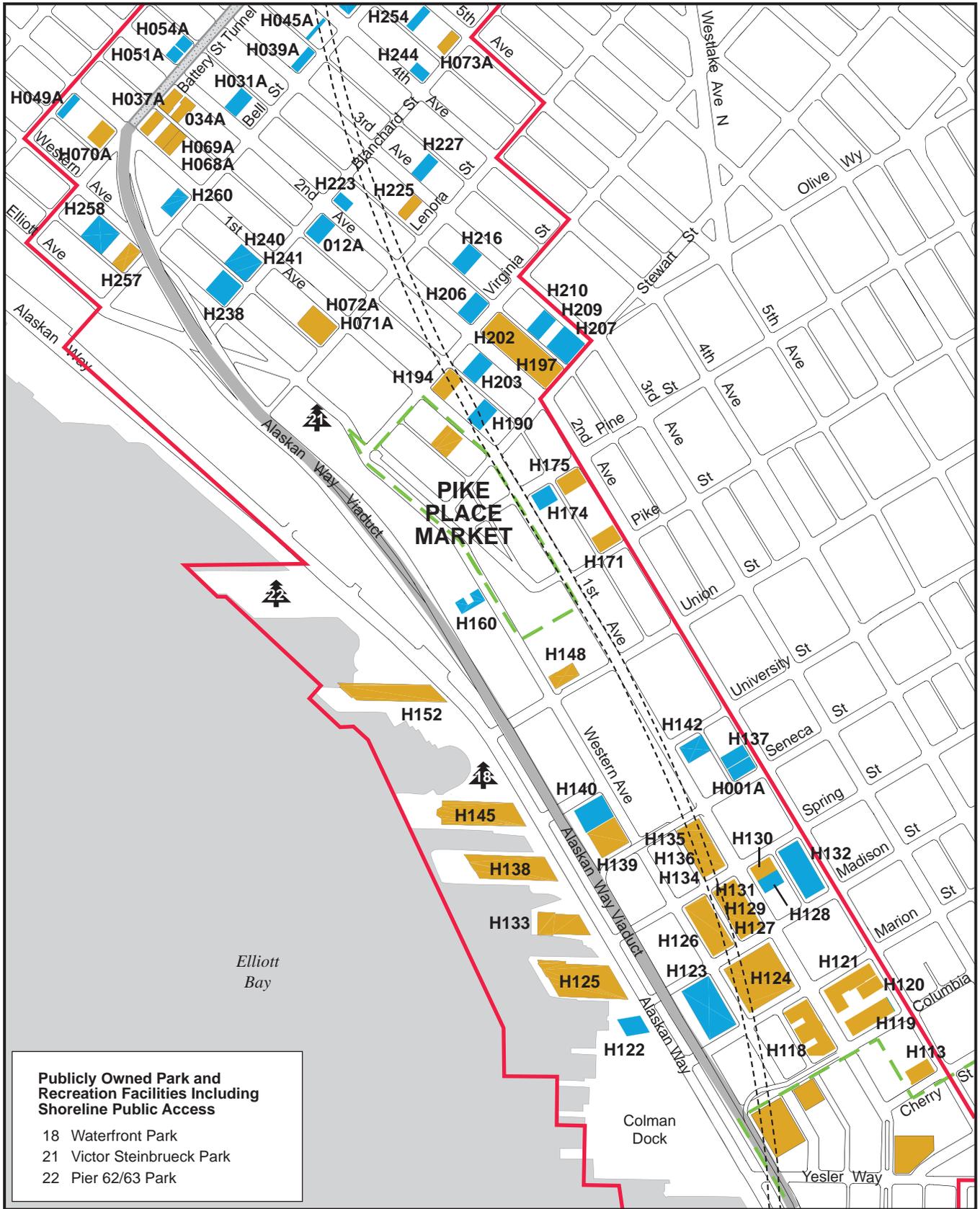
Identification of Section 4(f) Resources

The project has conducted a comprehensive review of potentially eligible resources within the project's area of effect, in close coordination with the environmental analysis for related environmental disciplines, including historic, cultural, and archaeological resources and parks and recreation. The project has also coordinated with local, state, and federal jurisdictions and agencies to help identify potentially affected properties that could qualify as Section 4(f) resources.

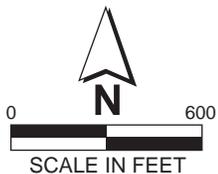
No wildlife or waterfowl refuges exist within the area of effect of the Bored Tunnel Alternative. Therefore, the Draft Section 4(f) Evaluation in the Supplemental Draft EIS addresses only public park and recreation lands and historic sites. Part A of this appendix provides data sheets for the three Section 4(f) resources (the Alaskan Way Viaduct itself, the Battery Street Tunnel, and the Western Building at 619 Western Avenue) that are subject to use by the Bored Tunnel Alternative. Part B provides a summary table and data sheets for the historic properties evaluated for constructive use by the Bored Tunnel Alternative. Part C includes a summary table that provides findings for all recreation lands and historic properties evaluated in the Bored Tunnel Alternative area, including those not protected by Section 4(f) and those that are not subject to a Section 4(f) use. Part D is the Section 6(f) Evaluation. Exhibits 1, 2, and 3 show the locations of the historic properties and recreation lands included in this Section 4(f) evaluation.

The data sheets in this appendix do not describe in detail the recreational or historic use that occurs. That information is in the Supplemental Draft EIS Draft Section 4(f) Evaluation and associated discipline reports, such as Appendix I, Section 106 Historic, Cultural, and Archaeological Resources Discipline Report. Furthermore, the data sheets describe Section 4(f) resources evaluated only for the Bored Tunnel Alternative. Resources evaluated for other alternatives can be found in the 2004 Draft EIS and 2006 Supplemental Draft EIS. Historic Resource Inventory Forms have been prepared as part of the Section 106 analysis and were distributed separately to the State Historic Preservation Officer.

Exhibit 1 Section 4(f) Resources in Stadium Area contains sensitive cultural resources information that is exempt from public disclosure pursuant to provisions of the Public Records Act (RCW 42.56.300).



554-1585-030/CC(07) 7/28/10



- National Register Listed
- NRHP Eligible
- National Historic District
- Area of Potential Effects (Historic)

Bored Tunnel

Park/Recreation

Note: See Part C for building name and addresses, for resources not protected by Section 4(f) or not subject to use under Section 4(f).

Exhibit 2 Section 4(f) Resources in Downtown Area

Exhibit 3 Section 4(f) Resources in Uptown Area contains sensitive cultural resources information that is exempt from public disclosure pursuant to provisions of the Public Records Act (RCW 42.56.300).

PART A: SECTION 4(F) RESOURCES SUBJECT TO USE BY THE BORED TUNNEL ALTERNATIVE

The Bored Tunnel Alternative would require the use of the Alaskan Way Viaduct and the Battery Street Tunnel (Exhibit A-1). In addition, it would require the use of the Western Building due to the Bored Tunnel Alternative's potential to cause moderate to high levels of settlement that could damage the Western Building. The Western Building would experience an estimated 2.4 to 2.8 inches of settlement, which a Washington State Department of Transportation (WSDOT) engineering assessment rates as "very severe." Given the building's poor existing structural condition, this amount of settlement would likely damage major structural and architectural elements of the building and increase concerns about its instability. The extent of settlement and structural damage would require the acquisition of the property, and if protective and preventive measures are not adequate to ensure its structural stability, the building may require demolition to avoid collapse. The Bored Tunnel Alternative would require the use of the Seattle Maintenance Yard historic archaeological resource site near the north portal. WSDOT and FHWA anticipate the site is NRHP-eligible under Criterion D for its potential to yield information about early development in Seattle, but its value is in the data that may be recovered and likely does not depend on being preserved in place. If this is the case, the site would meet the conditions needed for an exception to a Section 4(f) use, as established by 23 CFR 774.13(b), except that it does not yet have written agreement from the SHPO. However, since there is a limited amount of archaeological information that can be collected prior to construction, the SHPO may not be able to concur with the determination of eligibility or comment on whether the site's value requires protection in place prior to the completion of the Final EIS for this project. For this reason, construction activities within the site are being evaluated as a Section 4(f) use.

This section includes data sheets for each property that describe how the Section 4(f) property would be subject to use by the Bored Tunnel Alternative.

Exhibit A-1. Historic Resources Subject to Use Under Section 4(f)

ID Number	Facility Name	Location	Owner	Section 4(f) Status	Primary Use	Potential Effects of Bored Tunnel Alternative
H-2	Alaskan Way Viaduct	Alaskan Way Viaduct	Public (WSDOT)	Determined eligible for NRHP, protected by Section 4(f)	Transportation	The Bored Tunnel Alternative includes demolition of the existing viaduct.
H-2	Battery Street Tunnel	Battery Street Tunnel	Public (WSDOT)	Determined eligible for NRHP, protected by Section 4(f)	Transportation	The Bored Tunnel Alternative includes decommissioning of the Battery Street Tunnel.
H-108	Western Building	619 Western Avenue	Private	PSHD, protected by Section 4(f)	Retail/Office	The Western Building would experience settlement that WSDOT's engineering assessment rates as "very severe," causing an estimated settlement of 2.4 to 2.8 inches, likely damaging major structural and architectural elements of the building and increasing concerns about the building's instability, given its poor existing structural condition. The project would likely need to acquire the property, and if settlement and structural damage cannot be reduced through protective and preventive measures, the property may require demolition to avoid collapse.

ID Number	Facility Name	Location	Owner	Section 4(f) Status	Primary Use	Potential Effects of Bored Tunnel Alternative
45-KI-958	SDOT Maintenance Yard Site	[REDACTED]	Public (SDOT)	NRHP eligibility not determined	Maintenance Yard	WSDOT and FHWA anticipate the site is NRHP-eligible, but its value is in the data that may be recovered and likely does not depend on being preserved in place. If this is the case, the site would meet the conditions needed for an exception to a Section 4(f) use, as established by 23 CFR 774.13(b), except that it does not yet have written agreement from the SHPO. However, since there is a limited amount of archaeological information that can be collected prior to construction, the SHPO may not be able to concur with the determination of eligibility or comment on whether the site's value requires protection in place prior to the completion of the Final EIS for this project. For this reason, construction activities within the site are being evaluated as a Section 4(f) use.

Notes:

NRHP = National Register of Historic Places

PSHD = Pioneer Square Historic District

WSDOT = Washington State Department of Transportation

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Alaskan Way Viaduct

Site Identification No.: H-2

Type of Facility: Historic

Section 4(f) Status: Qualifies as a Section 4(f) property and is subject to use by the Bored Tunnel Alternative. The Alaskan Way Viaduct has been determined eligible for listing in the National Register of Historic Places (NRHP) under Criterion A for its association with bridge and tunnel building in Washington in the 1950s and under Criterion C for its type, period, materials, and methods of construction. It is the only multispan concrete double-level bridge in the state. It is also significant for its role in the development of the regional transportation system and of Seattle's waterfront.

Section 4(f) Use: The Bored Tunnel Alternative includes demolition of the existing viaduct.

Site Plan or Photograph:

Alaskan Way Viaduct at Alaskan Way surface street and Union Street.

Ownership: Public (WSDOT).

Location: No specific address. This double-level elevated highway extends from S. Holgate Street on the south to the Battery Street Tunnel on the north.

Available activities or functions: Transportation.

Size: About 3,500 linear meters (11,156 linear feet, approximately 2.1 miles), with a width of approximately 15 meters (50 feet).



Battery Street Tunnel

Site Identification No.: H-2

Type of Facility: Historic

Section 4(f) Status: Qualifies as a Section 4(f) property and is subject to use by the Bored Tunnel Alternative. The Battery Street Tunnel has been determined eligible for listing in the NRHP under Criterion A for its association with tunnel building in Washington in the 1950s and as the first tunnel designed and built by the City of Seattle Engineering Department. It is also significant under Criterion C for the type, period, materials, and methods of construction. In addition to its engineering importance, it is significant for its contribution to the development of the local transportation system, connecting SR 99, which was built in the 1930s, with the Alaskan Way Viaduct, which was completed in the 1950s.

Section 4(f) Use: The Bored Tunnel Alternative includes decommissioning the Battery Street Tunnel, which would include using crushed rubble recycled from the existing viaduct to fill the tunnel approximately two-thirds full and then pumping in a low-strength concrete slurry to solidify the rubble. After being filled, the tunnel would be permanently sealed.

Site Plan or Photograph:

View from the south.

Ownership: Public (WSDOT).

Location: No specific address. This four-lane tunnel is located primarily within the right-of-way of Battery Street and Aurora Avenue from First Avenue on the south to Denny Way on the north.



Western Building

Site Identification No.: H-108

Type of Facility: Historic

Section 4(f) Status: Qualifies as a Section 4(f) property, as it is a contributing building to the Pioneer Square Historic District, which is listed in the NRHP. A six-story warehouse building constructed in 1910, it is significant because it dates from the period of economic and industrial growth, extending from the original heart of Seattle and into the former tidal flats of Elliott Bay. While less ornate than other warehouse buildings in the district, it remains an intact example of utilitarian warehouses constructed in reinforced concrete and featuring large multilight windows.

Section 4(f) Use: This property would be subject to direct use under Section 4(f) by the Bored Tunnel Alternative because acquisition of the building would be required. The Western Building would experience settlement that WSDOT's engineering assessment rates as "very severe," causing an estimated settlement of 2.4 to 2.8 inches, likely damaging major structural and architectural elements of the building and increasing concerns about the building's instability, given its poor existing structural condition. Prior to construction, the project would require the acquisition of the building, and if settlement and structural damage cannot be reduced through protective and preventive measures, the building may require demolition to avoid collapse.

Site Plan or Photograph:

View from the south.

Ownership: Private.

Location: 619 Western Avenue.



Seattle Department of Transportation (SDOT) Maintenance Yard site

Site Identification No.: 45-KI-958

Type of Facility: Archaeological

Section 4(f) Status: This historic archaeological resource site was discovered during investigations for the Bored Tunnel Alternative and is defined as the original street block generally bounded by [REDACTED].

The site contains stratified remains of residential and commercial structures dating to the first half of the twentieth century. It has potential to yield information on residential life, commerce, and trade that is not available from written sources. Pending the collection of additional information and further consultation with the State Historic Preservation Officer, the site is assumed to be NRHP-eligible under Criterion D for its potential to yield information about early development in Seattle, but its value is anticipated to be in the data that may be recovered and does not depend on being preserved in place.

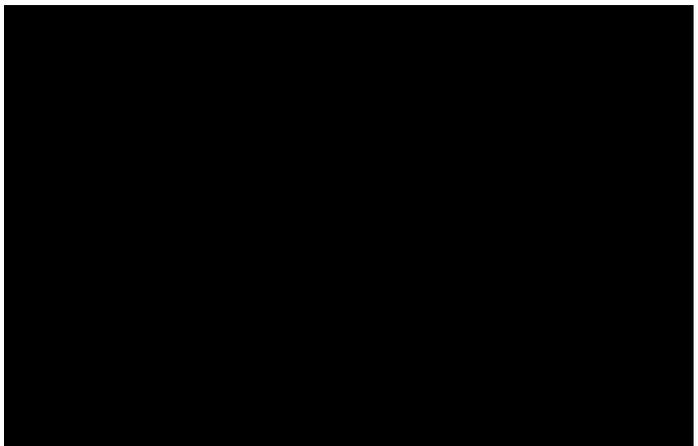
Section 4(f) Use: WSDOT and FHWA anticipate the site is NRHP-eligible under Criterion D for its potential to yield information about early development in Seattle, but its value is in the data that may be recovered and likely does not depend on being preserved in place. If this is the case, the site would meet the conditions needed for an exception to a Section 4(f) use, as established by 23 CFR 774.13(b), except that it does not yet have written agreement from the SHPO. However, since there is a limited amount of archaeological information that can be collected prior to construction, the SHPO may not be able to concur with the determination of eligibility or comment on whether the site's value requires protection in place prior to the completion of the Final EIS for this project. For this reason, construction activities within the site are being evaluated as a Section 4(f) use.

Site Plan or Photograph:

Ownership: Public (SDOT)

Location: [REDACTED]

[REDACTED]



PART B: SECTION 4(F) RESOURCES EVALUATED FOR POTENTIAL DIRECT OR CONSTRUCTIVE USE BY THE BORED TUNNEL ALTERNATIVE

This section describes the Section 4(f) resources evaluated for direct or constructive use by the project (Exhibit B-1). If the proximity effects—such as noise, visual impacts, or vibration—“substantially” impair the protected features of the property, these effects constitute a “constructive use.”

For properties other than those listed in Part A, the preliminary FHWA and WSDOT determination is that no direct or constructive use would occur for other Section 4(f) resources as a result of the Bored Tunnel Alternative.

This section identifies a set of historic properties that would be directly affected by the Bored Tunnel Alternative, but the lead agencies have preliminarily determined that the effects would not constitute a use or a constructive use because property acquisitions are not necessary, and the impacts would not substantially impair the protected activities, features, or attributes of the resource. Moreover, the impact avoidance and minimization measures are incorporated within the Bored Tunnel Alternative.

The listing includes 13 historic properties with potential impacts as determined by WSDOT’s engineering assessments of building settlement risk due to the construction of the Bored Tunnel Alternative. WSDOT’s assessments have identified 12 properties as having the potential for “very slight” to “slight” damage due to settlement, using the Boscardin and Cording¹ method of classifying building damage, which is described in Exhibit B-2. One additional property (the Polson Building) has been identified as having the potential for “severe to very severe” damage. Severe to very severe settlement damage does not mean that the building would become uninhabitable or be completely altered. As discussed below, with measures for protection, repair, and rehabilitation of the building, the lead agencies expect the property to retain the qualities, features, and attributes that qualify it as a Section 4(f) resource. The building is expected to remain in use during construction, and no temporary or permanent acquisition of the building would occur. Therefore, no direct Section 4(f) use would result. A constructive use would also not occur, since the building would remain a contributing resource within the Pioneer Square Historic District, retaining its association with the surrounding district and maintaining the warehouse building features and characteristics that also are part of its historic significance.

¹ Boscardin, M.D. and E.J. Cording. 1989. Building Response to Excavation-Induced Settlement. *Journal of Geotechnical Engineering* 115 (1): 1-21. American Society of Civil Engineers, New York.

Exhibit B-1. Historic Resources Evaluated for Potential Use Under Section 4(f)

ID Number	Facility Name	Location	Owner	Section 4(f) Status	Primary Use	Section 106 Consulting Parties	Potential Effects of Bored Tunnel Alternative
45-KI-924	Dearborn South Tideland Site	[REDACTED]	Public (WSDOT)	NRHP-eligible, protected by Section 4(f)	N/A	DAHP	No use. The historical value at this site is provided by data that could be recovered during construction, not by what could be preserved in place. Section 4(f) regulations provide an exception for the use of these types of archaeological properties in 23 CFR 774.13(b), with concurrence from DAHP.
H-87	One Yesler Building	1 Yesler Way	Private	PSHD, protected by Section 4(f)	Restaurant/Office	DAHP HPO	Effects: risk of slight settlement damage; with minimization and mitigation, settlement would not substantially impair protected features. Proposed finding: no use.
H-109	Polson Building	61 Columbia Street	Private	PSHD, protected by Section 4(f)	Retail/Office	DAHP HPO	Effects: risk of settlement damage rated as “severe to very severe”; with minimization and mitigation, settlement would not substantially impair protected features. Proposed finding: no use.
H-123	Maritime Building	911 Western Avenue	Private	NRHP-eligible, protected by Section 4(f)	Office/Retail	DAHP HPO	Effects: risk of slight settlement damage; with minimization and mitigation, settlement would not substantially impair protected features. Proposed finding: no use.
H-124	Federal Office Building	901 First Avenue	Public (U.S. Government)	NRHP, protected by Section 4(f)	Government	DAHP	Effects: risk of slight settlement damage; with minimization and mitigation, settlement would not substantially impair protected features. Proposed finding: no use.

Exhibit B-1. Historic Resources Evaluated for Potential Use Under Section 4(f) (continued)

ID Number	Facility Name	Location	Owner	Section 4(f) Status	Primary Use	Section 106 Consulting Parties	Potential Effects of Bored Tunnel Alternative
H-126	National Building	1000-1024 Western Avenue	Private	NRHP, protected by Section 4(f)	Retail, Office, Restaurant	DAHP HPO	Effects: risk of slight settlement damage; with minimization and mitigation, settlement would not substantially impair protected features. Proposed finding: no use.
H-127	Alexis Hotel (Globe Building)	1001 First Avenue	Private	NRHP, protected by Section 4(f)	Hotel/Retail	DAHP HPO	Effects: risk of slight settlement damage; with minimization and mitigation, settlement would not substantially impair protected features. Proposed finding: no use.
H-129	Arlington South (Beebe Building)	1013 First Avenue	Private	NRHP, protected by Section 4(f)	Hotel/Retail	DAHP HPO	Effects: risk of slight settlement damage; with minimization and mitigation, settlement would not substantially impair protected features. Proposed finding: no use.
H-131	Arlington North (Hotel Cecil)	1019-1023 First Avenue	Private	NRHP, protected by Section 4(f)	Hotel/Retail	DAHP HPO	Effects: risk of slight settlement damage; with minimization and mitigation, settlement would not substantially impair protected features. Proposed finding: no use.
H-135	Grand Pacific (Grand Pacific Hotel)	1115-1117 First Avenue	Private	NRHP, protected by Section 4(f)	Residential/ Retail / Office/ Restaurant	DAHP HPO	Effects: risk of slight settlement damage; with minimization and mitigation, settlement would not substantially impair protected features. Proposed finding: no use.
H-136	Grand Pacific (Colonial Hotel)	1123 First Avenue	Private	NRHP, protected by Section 4(f)	Residential/ Retail/ Office/ Restaurant	DAHP HPO	Effects: risk of slight settlement damage; with minimization and mitigation, settlement would not substantially impair protected features. Proposed finding: no use.

Exhibit B-1. Historic Resources Evaluated for Potential Use Under Section 4(f) (continued)

ID Number	Facility Name	Location	Owner	Section 4(f) Status	Primary Use	Section 106 Consulting Parties	Potential Effects of Bored Tunnel Alternative
H-264	Fire Station No. 2	2334 Fourth Avenue	Public (Seattle Fire Department)	NRHP-eligible, protected by Section 4(f)	Government	DAHP HPO	Effects: risk of slight settlement damage; with minimization and mitigation, settlement would not substantially impair protected features. Proposed finding: no use.
H-270	Seattle Housing Authority	120 Sixth Avenue N.	Public	NRHP-eligible, protected by Section 4(f)	Office	DAHP HPO	Effects: risk of slight settlement damage; with minimization and mitigation, settlement would not substantially impair protected features. Proposed finding: no use.
H-045A	Two Bells Bar and Grill (Two Bells Tavern)	2313 Fourth Avenue	Private	NRHP-eligible, protected by Section 4(f)	Restaurant	DAHP HPO	Effects: risk of slight settlement damage; with minimization and mitigation, settlement would not substantially impair protected features. Proposed finding: no use.

Notes:

DAHP = Washington State Department of Archaeology and Historic Preservation

HPO = City of Seattle Historic Preservation Officer

N/A = not applicable

NRHP = National Register of Historic Places

PSHD = contributing resource in NRHP-listed Pioneer Square Historic District

SDOT = Seattle Department of Transportation

Exhibit B-2. Building Damage Classification

Class of Damage	Description of Damage	Approximate Width of Cracks
Negligible	Hairline cracks	<0.1 mm
Very Slight	Fine cracks; perhaps isolated slight fracture in building. Cracks in exterior brickwork visible upon close inspection.	<1 mm.
Slight	Cracks easily filled. Redecoration probably required. Several slight fractures inside building. Exterior cracks visible, some repointing may be required for weather tightness. Doors and windows may stick slightly.	<5 mm
Moderate	Cracks may require cutting out and patching. Tuck-pointing and replacement of some exterior brickwork may be required. Doors and windows stick. Utility service may be interrupted. Weather-tightness may be impaired.	5 to 15 mm, or several cracks >3 mm
Severe	Extensive repair required, involving removal and replacement of sections of walls, especially over doors and windows. Windows and door frames distorted; floor slopes noticeably; walls lean; doors bulge noticeably; some loss of bearing in beams. Utility service disrupted.	15 to 25 mm; also depends on number of cracks
Very Severe	Major repair required involving partial or complete reconstruction. Beams lose bearing. Walls lean badly and require shoring. Windows broken by distortion. Danger of instability.	Usually >25 mm; also depends on number of cracks

Source: Boscardin, M.D. and E.J. Cording. 1989. Building Response to Excavation-Induced Settlement. *Journal of Geotechnical Engineering* 115 (1): 1-21. American Society of Civil Engineers, New York.

The project would not require the acquisition of any of these properties to construct or operate the Bored Tunnel Alternative. The project has also identified protective measures and repair commitments designed to further minimize effects on these properties. All restoration and repair work to the buildings identified in this section would be performed in compliance with the Secretary of the Interior's Standards for Rehabilitation (Code of Federal Regulations, Title 36, Section 67.7 (36 CFR 67.7)). Through the Section 106 process, the actions to protect and repair these properties will be further developed through consultation and agreements with the Washington State Department of Archaeology and Historic Preservation (DAHP), and the City of Seattle Historic Preservation Officer.

Dearborn South Tideland Site

Site Identification No.: 45-KI-924

Type of Facility: Archaeological

Section 4(f) Status: The site has been determined eligible for the NRHP under Criteria A and C and is protected under Section 4(f). The Dearborn South Tideland Site occupies most of the [REDACTED] the south portal, [REDACTED]

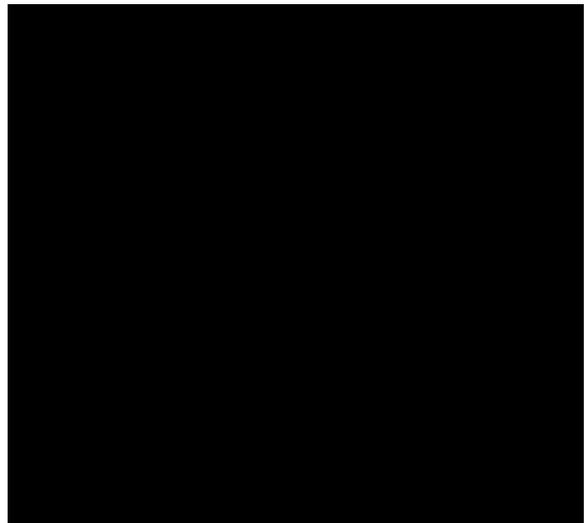
[REDACTED]. The site is on a peninsula created with spoils from dredging the adjacent tidelands to deepen the draft on the landforms on the west (Elliott Bay) side. Dredging began in 1895, and the area was above tide level by 1898, when rapid development, including construction of substantial brick buildings, began. The Union Pacific began purchasing property about 1908. By 1910, the area had been cleared, the grade raised, and an extensive railroad freight yard established. The site contains building remains, refuse accumulations, and other cultural features associated with the period from 1898 to 1910, and it represents historic development of the tidal flats south of Denny Island.

Section 4(f) Use: No use. The historical value at this site is provided by data that could be recovered during construction, not by what could be preserved in place. Section 4(f) regulations provide an exception for the use of these types of archaeological properties in 23 CFR 774.13(b), with concurrence already obtained from DAHP.

Site Plan or Photograph:

Ownership: Public (WSDOT).

Location: [REDACTED]



One Yesler Building

Site Identification No.: H-87

Type of Facility: Historic

Section 4(f) Status: Qualifies as a Section 4(f) property, as it is a contributing building to the Pioneer Square Historic District, which is listed in the NRHP. This small, three-story brick-clad building, which first housed the Bedford Hotel from 1911 to 1940, was erected in 1911. After World War II, this building continued to serve as a seamen's and travelers' hotel. Restored as an office building in 1967, it currently houses a restaurant on the ground floor. It is considered significant for its association with the development of the Pioneer Square area (Criterion A) and for the building type and characteristics (Criterion C).

Section 4(f) Use: No use and no constructive use. No acquisition of the property is required. The property was also evaluated for the potential for a constructive use, since the Bored Tunnel Alternative would include measures to minimize damage, to monitor and protect the building during construction, and to repair any damage or restoration in compliance with the Secretary of the Interior's Standards for Rehabilitation (36 CFR 67.7).

The lead agencies have made a preliminary determination that the settlement effects would be "not adverse" under Section 106. Even if the effects are ultimately considered to be adverse under Section 106, the lead agencies expect that this alternative would not substantially impair the protected features, activities, and attributes of this property, once all protective and mitigating measures have been incorporated into the alternative. The property would retain its association with the development of the Pioneer Square Historic District, and it would retain the building characteristics that also make it a good example of an early twentieth century hotel for travelers. Other vicinity effects during construction would be minor and temporary, and longer term, the removal of the existing viaduct is expected to be beneficial. Therefore, no Section 4(f) constructive use would occur.

Site Plan or Photograph:

Ownership: Private.

Location: 1 Yesler Way.

View from the northeast.



Polson Building

Site Identification No.: H-109

Type of Facility: Historic

Section 4(f) Status: Qualifies as a Section 4(f) property, as it is a contributing building to the Pioneer Square Historic District, which is listed in the NRHP. This six-story warehouse building, constructed in 1910, was designed by Charles Saunders and George Lawton, who designed several of the other warehouses in the district as well as other notable buildings in Seattle. It is significant because it is part of the reconstruction of the Pioneer Square Historic District in the original heart of Seattle and the former tidal flats of Elliott Bay (Criterion A) and for the warehouse building type and characteristics that are representative of the “Chicago Style” (Criterion C).

Section 4(f) Use: No direct use and no constructive use. No acquisition of the property is required. The property has also been evaluated for a potential constructive use, since there is the potential for damage due to ground settlement of the Polson Building during tunneling. The potential damage was rated as “severe to very severe,” with an estimated settlement of 2.2 inches. However, because this building is in good structural condition, the project has identified protective measures including compensation grouting and foundation strengthening that can be implemented prior to construction. These measures, along with high levels of monitoring during construction, would prevent major structural damage. The remaining structural and aesthetic damage could be repaired, allowing the building to be preserved.

The Bored Tunnel Alternative would include a comprehensive program of protection measures that would begin prior to tunnel construction. These measures would include detailed survey and photographic assessments of the building’s preconstruction conditions. Measures to protect and stabilize the building would include the use of various soil improvement and grouting techniques to improve soil strength or compensate for ground loss due to excavation. Protective measures also may include underpinning or strengthening other elements of the building’s foundation to prevent settlement. Structural retrofits prior to construction could also help reduce damage during settlement.

While construction is under way and as construction is completed, the building would be monitored for any signs of damage.

If damage does occur, all restoration and repair work would be performed in compliance with the Secretary of the Interior’s Standards for Rehabilitation (36 CFR 67.7). This and other potential mitigation actions will be defined through the Section 106 process, in consultation with DAHP, the City of Seattle Historic

Preservation Officer, the Pioneer Square Preservation Board, and other interested parties.

A direct use of the property is not involved because the lead agencies also anticipate that with protective measures in place during the construction period, the building could remain in use during construction, and temporary or permanent acquisition of the building would not be needed. The property has also been evaluated for a potential constructive use. With the measures for protection, repair, and rehabilitation of the building, the lead agencies expect the property to retain the qualities, features, and attributes that qualify it as a Section 4(f) resource. While the lead agencies anticipate that the building damage would be an adverse effect under the Section 106 processes, the effect could be mitigated to avoid a Section 4(f) constructive use. During and after the construction, the property would still retain its association with the Pioneer Square Historic District (Criterion A), and the protection and restoration of the building architecture and materials would also maintain its eligibility for the register under Criterion C. Appendix I, Section 106: Historic, Cultural, and Archaeological Resources Discipline Report, provides additional detail about this building.

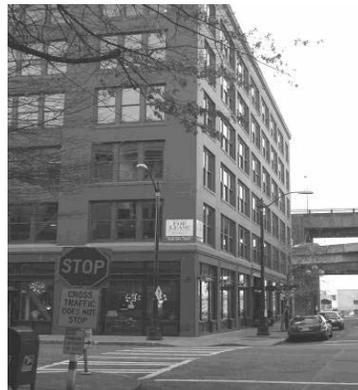
Long-term effects of the Bored Tunnel Alternative are considered to be beneficial because it would remove the existing viaduct and its visual and operating impacts on the setting and views of the Polson Building and the Pioneer Square Historic District. The potential removal of the Western Building would alter the setting of the Polson Building, but the overall setting of the building within the district would remain. Other proximity effects, including the short-term effects of construction disruption, noise, and traffic affecting areas surrounding the building, are also not expected to result in substantial long-term impairment of the building or removal of the characteristics that qualify it as a Section 4(f) resource, and they would not result in a constructive use.

Site Plan or Photograph:

View from the east.

Ownership: Private.

Location: 61 Columbia Street.



Federal Office Building

Site Identification No.: H-124

Type of Facility: Historic

Section 4(f) Status: Qualifies as a Section 4(f) property, as it is listed in the NRHP. The building was designed between 1930 and 1931 by the office of James A. Wetmore, acting supervising architect of the U.S. Treasury Department. Construction was completed in 1933 by the Murch Construction Company of St. Louis, Missouri. It was the first building in Seattle designed specifically to house offices for the federal government (Criterion A). Among its first tenants were 52 federal agencies, the largest of which was the Department of the Treasury. The Jackson Federal Building, located across the street, was constructed from 1975 to 1976. In 1979, the Federal Office Building was listed in the NRHP. The seven- and eight-story Art Deco brick and terra cotta building is also important under Criterion C for the building style and characteristics, featuring terra cotta cladding on the first story, terra cotta details in stylized geometric motifs covering the entire top of the building, and the use of aluminum spandrels.

Section 4(f) Use: No direct use or constructive use would result. No acquisition of the property is required, avoiding a direct use. The property was also reviewed for potential constructive use because of ground settlement during the construction of the Bored Tunnel Alternative that may result in non-adverse effects under Section 106. Ground settlement has the potential for causing slight damage to the building, including utility disruptions, minor cracks that require interior painting or repointing of brick walls, or slightly sticking doors and windows. The Bored Tunnel Alternative would include measures to minimize damage, to monitor and protect the building during construction, and to repair any damage or restoration in compliance with the Secretary of the Interior's Standards for Rehabilitation (36 CFR 67.7).

The lead agencies have made a preliminary determination that the settlement effects would be "not adverse" under Section 106. Even if the effects are ultimately considered to be adverse under Section 106, the lead agencies expect that with the protective and mitigating measures that have been incorporated into the alternative, a constructive use would be avoided. The building would retain its historic association as the first federal building constructed in Seattle, and it would also remain historically important under Criterion C for building type and materials, which would be preserved. Other effects during construction such as traffic, noise, dust, dirt, and other disruptions would be temporary and also would not affect the qualities that make the property historically significant.

Long term effects from removing the viaduct and replacing it with another facility would be positive. Therefore, no Section 4(f) constructive use would occur.

Site Plan or Photograph:

View from the east.

Ownership: Pubic (U.S. Government).

Location: 901 First Avenue.



National Building

Site Identification No.: H-126

Type of Facility: Historic

Section 4(f) Status: Qualifies as a Section 4(f) property, as it is listed in the NRHP. This six-story brick commercial building was designed in 1904 by Kingsley and Anderson for the Northern Pacific Railroad, making it important under Criterion A for its role in Seattle's development and under Criterion C for building type and characteristics, including its brick pilasters with terra cotta capitals. It was the headquarters of the National Grocery Company, one of the West Coast's largest grocery wholesalers. It was renovated for office use in 1983 as part of Cornerstone Development's Waterfront Place project and was listed in the NRHP in 1982.

Section 4(f) Use: No direct use or constructive use would result. No acquisition of the property is required, avoiding a direct use. The property was reviewed for potential constructive use because of ground settlement during tunnel construction. Ground settlement could potentially cause slight damage to the building, including utility disruptions, minor cracks that require interior painting or repointing of brick walls, or slightly sticking doors and windows. The Bored Tunnel Alternative would include measures to minimize damage, to monitor and protect the building during construction, and to repair any damage or restoration in compliance with the Secretary of the Interior's Standards for Rehabilitation (36 CFR 67.7).

The lead agencies have made a preliminary determination that the settlement effects would be "not adverse" under Section 106. Even if the effects are ultimately considered to be adverse under Section 106, the lead agencies expect that the property would still retain the qualities that allowed it to be listed in the NRHP. The Bored Tunnel Alternative would preserve the building's historic associations and its type and characteristics, once all protective and mitigating measures have been incorporated into the alternative, avoiding a constructive use.

Long-term effects of the Bored Tunnel Alternative are considered to be beneficial because the Bored Tunnel Alternative would remove the existing viaduct and its visual and operating impacts on the setting and views of the building and the surrounding areas. Other proximity effects, including the short-term effects of construction disruption, noise, and traffic, which would affect areas surrounding the building, are also not expected to result in substantial long-term impairment of the building or to remove the characteristics that qualify it as a Section 4(f) resource, and they would not result in a constructive use.

Site Plan or Photograph:

Ownership: Private.

Location: 1000–1024 Western Avenue.

View from the southwest.



Alexis Hotel/Globe Building

Site Identification No.: H-127

Type of Facility: Historic

Section 4(f) Status: Qualifies as a Section 4(f) property, as it is listed in the NRHP. The Globe Building is important under Section 106 historic significance Criterion A because it was designed by Max Umbrecht in 1901, and, along with the neighboring Beebe Building and Hotel Cecil, it was built during the rapid expansion northward from Pioneer Square following the Klondike Gold Rush. All three buildings provided transient housing for businessmen and workers. The building and the group are also important under Section 106 Criterion C for the building type and materials, because their refined Beaux Arts classical design reflects the changes in taste from the Romanesque buildings constructed in Pioneer Square a decade earlier. The Globe is a brick and terra cotta building that features a terra cotta cornice, arches, bracketed lintels, and quoins. The Globe became a parking garage in the 1940s but was renovated for hotel use in 1983 as part of Cornerstone Development's Waterfront Place project; it was listed in the NRHP in 1982 as part of the First Avenue Building Group.

Section 4(f) Use: No direct use or constructive use would result. No acquisition of the property is required, avoiding a direct use. The evaluation of constructive use has also considered the potential of effects of ground settlement during tunnel construction. The Bored Tunnel Alternative may result in ground settlement, potentially causing slight damage to the building, including utility disruptions, minor cracks that require interior painting or repointing of brick walls, or slightly sticking doors and windows. The Bored Tunnel Alternative would include measures to minimize damage, to monitor and protect the building during construction, and to repair any damage or restoration in compliance with the Secretary of the Interior's Standards for Rehabilitation (36 CFR 67.7).

The lead agencies have made a preliminary determination that the settlement effects would be "not adverse" under Section 106. Even if the effects are ultimately considered to be adverse under Section 106, the lead agencies expect that this alternative, with its protective and mitigating measures, would preserve the important historic associations of this building as part of the First Avenue Building Group and would also preserve the building type and characteristics, avoiding a constructive use. Other effects during construction such as traffic, noise, dust, dirt, and other disruptions would be temporary and also would not affect the qualities that make the property historically significant. Long-term effects from removing the viaduct and replacing it with another facility would be positive.

Site Plan or Photograph:

Ownership: Private.

Location: 1001 First Avenue.

View from the east.



Arlington South/Beebe Building

Site Identification No.: H-129

Type of Facility: Historic

Section 4(f) Status: Qualifies as a Section 4(f) property, as it is listed in the NRHP as part of the First Avenue Building Group. The Beebe Building, like the Globe Building, is important under Section 106 historic significance Criterion A because it was designed by Max Umbrecht in 1901 and shares its historic relationship with the redevelopment of Seattle following the “Great Fire” As a brick building with terra cotta cornice, pilasters, entablatures, and window casings, the Beebe Building is also recognized under Criterion C for building type and characteristics, which are representative of the period. Along with the neighboring Hotel Cecil, it was renovated for apartment/condominium use in 1983 as part of Cornerstone Development’s Waterfront Place project and was listed in the NRHP in 1982 as part of the First Avenue Building Group.

Section 4(f) Use: No direct use or constructive use would result. No acquisition of the property is required, avoiding a direct use. The evaluation of constructive use has also considered the potential of effects of ground settlement during tunnel construction. The Bored Tunnel Alternative may result in non-adverse effects, with settlement potentially causing slight damage to the building, including utility disruptions, minor cracks that require interior painting or repointing of brick walls, or slightly sticking doors and windows. The Bored Tunnel Alternative would include measures to minimize damage, to monitor and protect the building during construction, and to repair any damage or restoration in compliance with the Secretary of the Interior’s Standards for Rehabilitation (36 CFR 67.7).

The lead agencies have made a preliminary determination that the settlement effects would be “not adverse” under Section 106. Even if the effects are ultimately considered to be adverse under Section 106, the lead agencies expect that this alternative, with its protective and mitigating measures, would preserve the important historic associations of this building as part of the First Avenue Building Group and would also preserve the building type and characteristics, avoiding a constructive use. Other effects during construction such as traffic, noise, dust, dirt, and other disruptions would be temporary and also would not affect the qualities that make the property historically significant. Long-term effects from removing the viaduct and replacing it with another facility would be positive.

Site Plan or Photograph:

Ownership: Private.

Location: 1013 First Avenue.

View from the east.



Maritime Building

Site Identification No.: H-123

Type of Facility: Historic

Section 4(f) Status: This building, built in 1910, is a very good and largely intact example of an early twentieth century warehouse/wholesale building constructed on a large scale for numerous tenants. It is eligible for listing in the NRHP under Criterion C as an example of warehouse construction and under Criterion A as one of the best extant works of E. W. Houghton, a prominent early Seattle architect, and of engineers Stone and Webster. It is also eligible under Criterion A for its association with Seattle's maritime and trade development.

Section 4(f) Use: No direct use or constructive use would result. No acquisition of the property is required, avoiding a direct use. The evaluation of constructive use has also considered the potential of effects of ground settlement during tunnel construction. The Bored Tunnel Alternative may result in ground settlement during construction, potentially causing slight damage to the building, including utility disruptions, minor cracks that require interior painting or repointing of brick walls, or slightly sticking doors and windows. The Bored Tunnel Alternative would include measures to minimize damage, to monitor and protect the building during construction, and to repair any damage or restoration in compliance with the Secretary of the Interior's Standards for Rehabilitation (36 CFR 67.7).

The lead agencies have made a preliminary determination that the settlement effects would be "not adverse" under Section 106. Even if the effects are ultimately considered to be adverse under Section 106, the lead agencies expect that this alternative, with its protective and mitigating measures, would avoid a constructive use because it would preserve the important historic associations of this building as an example of the work of a prominent architect and its relationship with the development of Seattle. The alternative would also preserve the qualities illustrating the building's type and characteristics. Other effects during construction such as traffic, noise, dust, dirt, and other disruptions would be temporary and also would not affect the qualities that make the property historically significant. Long-term effects from removing the viaduct and replacing it with another facility would be positive.

Site Plan or Photograph:

Ownership: Private.

Location: 911 Western Avenue.

View from the south.



Arlington North/Hotel Cecil

Site Identification No.: H-131

Type of Facility: Historic

Section 4(f) Status: Qualifies as a Section 4(f) property, as it is listed in the NRHP as part of the First Avenue Building Group. It is important under Section 106 historic significance Criterion A because it was designed by Max Umbrecht in 1901 and shares its historic relationship with the redevelopment of Seattle following the “Great Fire.” It is also important under Criterion C for building type and characteristics, due to the use of brick, and features including terra cotta moldings, stringcourses, and a cornice with lion heads. Along with the neighboring Beebe Building, it was renovated for apartment/condominium use in 1983 as part of Cornerstone Development’s Waterfront Place project and was listed in the NRHP in 1982 as part of the First Avenue Building Group.

Section 4(f) Use: No direct use or constructive use would result. No acquisition of the property is required, avoiding a direct use. The evaluation of constructive use has also considered the potential of effects of ground settlement during tunnel construction. The Bored Tunnel Alternative may result in ground settlement during construction, potentially causing slight damage to the building, including utility disruptions, minor cracks that require interior painting or repointing of brick walls, or slightly sticking doors and windows. The Bored Tunnel Alternative would include measures to minimize damage, to monitor and protect the building during construction, and to repair any damage or restoration in compliance with the Secretary of the Interior’s Standards for Rehabilitation (36 CFR 67.7).

The lead agencies have made a preliminary determination that the settlement effects would be “not adverse” under Section 106. Even if the effects are ultimately considered to be adverse under Section 106, the lead agencies expect that this alternative, with its protective and mitigating measures, would preserve the important historic associations of this building as part of the First Avenue Building Group, and would also preserve or restore the materials and features indicating the building type and characteristics, avoiding a constructive use. Other effects during construction such as traffic, noise, dust, dirt, and other disruptions would be temporary and also would not affect the qualities that make the property historically significant. Long-term effects from removing the viaduct and replacing it with another facility would be positive.

Site Plan or Photograph:

Ownership: Private.

Location: 1019-1023 First Avenue.

View from the east.



Grand Pacific Hotel

Site Identification No.: H-135

Type of Facility: Historic

Section 4(f) Status: Qualifies as a Section 4(f) property, as it is listed in the NRHP as part of the First Avenue Building Group. The origins of the Grand Pacific Hotel are less certain than that of its neighbors, as the construction date and architect have not been identified. However, it marks the same period of Seattle's development following the "Great Fire" and shares the same early use as a transient hotel (Criterion A) and the same Beaux Arts design features (Criterion C) in a brick building with brick and stone arches. In 1983, the Grand Pacific was combined with the adjoining Colonial Hotel and renovated for apartment and condominium use as part of Cornerstone Development's Waterfront Place project. It was listed in the NRHP in 1982 as part of the First Avenue Building Group.

Section 4(f) Use: No direct use or constructive use would result. No acquisition of the property is required, avoiding a direct use. The evaluation of constructive use has also considered the potential of effects of ground settlement during tunnel construction. The Bored Tunnel Alternative may result in non-adverse effects, with ground settlement potentially causing slight damage to the building, including utility disruptions, minor cracks that require interior painting or repointing of brick walls, or slightly sticking doors and windows. The Bored Tunnel Alternative would include measures to minimize damage, to monitor and protect the building during construction, and to repair any damage or restoration in compliance with the Secretary of the Interior's Standards for Rehabilitation (36 CFR 67.7).

The lead agencies have made a preliminary determination that the settlement effects would be "not adverse" under Section 106. Even if the effects are ultimately considered to be adverse under Section 106, the lead agencies expect that this alternative, with its protective and mitigating measures, would preserve the important historic associations of this building as part of the First Avenue Building Group and would also preserve or restore the materials and features indicating the building type and characteristics, avoiding a constructive use. Other effects during construction such as traffic, noise, dust, dirt, and other disruptions would be temporary and also would not affect the qualities that make the property historically significant. Long-term effects from removing the viaduct and replacing it with another facility would be positive.

Site Plan or Photograph:

Ownership: Private.

Location: 1115–1117 First Avenue.

View from the east.



Colonial Hotel

Site Identification No.: H-136

Type of Facility: Historic

Section 4(f) Status: Qualifies as a Section 4(f) property, as it is listed on the NRHP as part of the First Avenue Building Group. The Colonial Hotel is important under Section 106 historic significance Criterion A because it was designed by Max Umbrecht in 1901, was part of the redevelopment of Seattle following the “Great Fire,” and it shares the same early use as a transient hotel as the other properties. This brick building, with its Beaux Arts design featuring terra cotta moldings, stringcourses, and a cornice with lion heads, is also important under Criterion C for building type and characteristics. In 1983 the Colonial was combined with the adjoining Grand Pacific and renovated for apartment and condominium use as part of Cornerstone Development's Waterfront Place project. It was listed in the NRHP in 1982 as part of the First Avenue Building Group.

Section 4(f) Use: No direct use or constructive use would result. No acquisition of the property is required, avoiding a direct use. The evaluation of constructive use has also considered the potential of effects of ground settlement during tunnel construction. The Bored Tunnel Alternative may result in non-adverse effects, with settlement potentially causing slight damage to the building, including utility disruptions, minor cracks that require interior painting or repointing of brick walls, or slightly sticking doors and windows. The Bored Tunnel Alternative would include measures to minimize damage, to monitor and protect the building during construction, and to repair any damage or restoration in compliance with the Secretary of the Interior’s Standards for Rehabilitation (36 CFR 67.7).

The lead agencies have made a preliminary determination that the settlement effects would be “not adverse” under Section 106. Even if the effects are ultimately considered to be adverse under Section 106, the lead agencies expect that this alternative, with its protective and mitigating measures, would avoid a constructive use because it would preserve the important historic associations of this building as the work of a prominent architect and as part of the First Avenue Building Group, and it would also preserve the building type and characteristics. Other effects during construction such as traffic, noise, dust, dirt, and other disruptions would be temporary and also would not affect the qualities that make the property historically significant. Long-term effects from removing the viaduct and replacing it with another facility would be positive.

Site Plan or Photograph:

Ownership: Private.

Location: 1123 First Avenue.

View from the east.



Two Bells Tavern

Site Identification No.: H-045A

Type of Facility: Historic

Section 4(f) Status: This small café building is a fine example of innovative 1920s ornamentation and one of the most intact small downtown buildings. It was designed in 1923 by noted local architect George W. Stoddard and is a very good example of his early eclectic work. It is eligible for the NRHP under Criterion C as an excellent small-scale example of early commercial architecture and the work of Stoddard.

Section 4(f) Use: No direct use or constructive use would result. No acquisition of the property is required, avoiding a direct use. The evaluation of constructive use has also considered the potential of effects of ground settlement during tunnel construction. The Bored Tunnel Alternative may result in non-adverse effects, with settlement potentially causing slight damage to the building, including utility disruptions, minor cracks that require interior painting or repointing of brick walls, or slightly sticking doors and windows. The Bored Tunnel Alternative would include measures to minimize damage, to monitor and protect the building during construction, and to repair any damage or restoration in compliance with the Secretary of the Interior's Standards for Rehabilitation (36 CFR 67.7).

The lead agencies have made a preliminary determination that the settlement effects would be "not adverse" under Section 106. Even if the effects are ultimately considered to be adverse under Section 106, the lead agencies expect that this alternative and its protective and mitigating measures would preserve the building's protected features, activities, and attributes, allowing it to remain an intact example of a work by a noted local architect and as representative of early commercial architecture in Seattle. Therefore, a constructive use under Section 4(f) would not occur. Other indirect effects due to construction are expected to be minor, and the major areas of surface construction are not immediately adjacent.

Site Plan or Photograph:

Ownership: Private.

Location: 2313 Fourth Avenue.

View from the west.



Fire Station No. 2

Site Identification No.: H-264

Type of Facility: Historic

Section 4(f) Status: Built in 1920, this is the city's oldest fire station that is still in its original use. It is considerably larger than most, as it has a maintenance shop and an auditorium that is used for department meetings. The building is eligible for the NRHP under Criterion A for its association with the city of Seattle, its development, and its fire department, and under Criterion C as an example of finely detailed industrial architecture and a work by Seattle's most prominent municipal architect, Daniel Huntington.

Section 4(f) Use: No direct use or constructive use would result. No acquisition of the property is required, avoiding a direct use. The evaluation of constructive use has also considered the potential of effects of ground settlement during tunnel construction. The Bored Tunnel Alternative may result in non-adverse effects, with settlement potentially causing slight damage to the building, including utility disruptions, minor cracks that require interior painting or repointing of brick walls, or slightly sticking doors and windows. The Bored Tunnel Alternative would include measures to minimize damage, to monitor and protect the building during construction, and to repair any damage or restoration in compliance with the Secretary of the Interior's Standards for Rehabilitation (36 CFR 67.7).

The lead agencies have made a preliminary determination that the settlement effects would be "not adverse" under Section 106. Even if the effects are ultimately considered to be adverse under Section 106, the lead agencies expect that this alternative, with the protective and mitigating measures it incorporates, would allow the building to retain its current and historic use as a Fire Station and also preserve the architectural and building type and features that mark it as an example of finely detailed industrial architecture and the work of a prominent architect. Other indirect effects due to construction are expected to be minor and temporary, and no adverse long-term indirect effects have been identified. Therefore, no Section 4(f) constructive use is anticipated.

Site Plan or Photograph:

Ownership: Public (Seattle Fire Department).

Location: 2334 Fourth Avenue.

View from the west.



Seattle Housing Authority

Site Identification No.: H-270

Type of Facility: Historic

Section 4(f) Status: This building was constructed in 1954 for Northwestern Mutual Life, which occupied it along with other firms. The Seattle Housing Authority executive offices moved into the building in the 1970s, and the agency now occupies the entire building. The building features ribbon windows and an enframed concrete wall. It is eligible for the NRHP under Criterion C as an example of midcentury commercial architecture.

Section 4(f) Use: No direct use or constructive use would result. No acquisition of the property is required, avoiding a direct use. The evaluation of constructive use has also considered the potential of effects of ground settlement during tunnel construction. The Bored Tunnel Alternative may result in non-adverse effects, with settlement potentially causing slight damage to the building, including utility disruptions, minor cracks that require interior painting or repointing of brick walls, or slightly sticking doors and windows. The Bored Tunnel Alternative would include measures to minimize damage, to monitor and protect the building during construction, and to repair any damage or restoration in compliance with the Secretary of the Interior's Standards for Rehabilitation (36 CFR 67.7).

The lead agencies have made a preliminary determination that the settlement effects would be "not adverse" under Section 106. Even if the effects are ultimately considered to be adverse under Section 106, the lead agencies expect that this alternative, with the protective and mitigating measures it incorporates, would preserve the architectural and building type and features that mark it as an example of midcentury commercial architecture. Other indirect effects due to construction are expected to be minor and temporary, and no adverse long-term indirect effects have been identified. Therefore, no Section 4(f) constructive use is anticipated.

**Site Plan or
Photograph:**

Ownership: Public.

Location: 120 Sixth
Avenue N.

View from the northwest.



PART C: PARK AND RECREATION LANDS AND HISTORIC PROPERTIES THAT ARE NOT SECTION 4(F) RESOURCES OR ARE NOT SUBJECT TO USE BY THE BORED TUNNEL ALTERNATIVE

This section lists each historic property described in Appendix I, Section 106: Historic, Cultural, and Archaeological Resources Discipline Report, and each of the park and recreation properties described in Appendix H, Social Discipline Report, that were determined not to be Section 4(f) resources or determined to be Section 4(f) resources that are not subject to use by the Bored Tunnel Alternative.

Each of the potential historic resources has been evaluated and a determination was made regarding eligibility for listing in the NRHP and, therefore, protection under Section 4(f). An individual rating sheet was prepared for each property and submitted to WSDOT cultural resources staff and DAHP.

Historic Properties

To qualify for protection under Section 4(f), historic properties must be listed in or determined eligible for inclusion in the NRHP.

Exhibit C-1 shows the properties within the area of effect that were built in 1963 or earlier, with their historic designation. Properties are listed generally from south to north, west to east. None of the Section 4(f) resources listed in Exhibit C-1 would be subject to use by the project, other than those discussed in Parts A and B.

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-1	Alaskan Way	Elliott Bay Seawall (Alaskan Way Seawall)	Eligible for NRHP	Protected by Section 4(f)	No use
H-2	Alaskan Way/Battery Street	Alaskan Way Viaduct & Battery Street Tunnel	Eligible for NRHP	Protected by Section 4(f)	Subject to use under Section 4(f); see Part A
H-3	S. Main Street to Bell Street	Burlington Northern Railway Tunnel (Great Northern Railway Tunnel)	Eligible for NRHP	Protected by Section 4(f)	No use
H-4	1526 First Avenue S.	Emerald Market Supply (David Dow and Sons)	Not eligible	Not protected	N/A
H-5	1518 First Avenue S.	McKinnon Furniture (Frederick & Nelson Warehouse)	Eligible for NRHP	Protected by Section 4(f)	No use
H-6	1251 First Avenue S.	Great Floors (International Harvester)	Not eligible	Not protected	N/A
H-7	1201 First Avenue S.	Pyramid Alehouse	Not eligible	Not protected	N/A
H-8	1041 First Avenue S.	Gerry Sportswear	Not eligible	Not protected	N/A
H-9	1026 First Avenue S.	Stadium Silver Cloud Inn	Not eligible	Not protected	N/A
H-10	1028 First Avenue S.	Hawk's Nest (Maginnis Bottling Works)	Not eligible	Not protected	N/A
H-11	1014 First Avenue S.	Olympic Reprographics (M.F. Backus Warehouse)	Eligible for NRHP	Protected by Section 4(f)	No use
H-12	1000 First Avenue S.	Palmer Court (A.L. Palmer Building)	Eligible for NRHP	Protected by Section 4(f)	No use
H-13	902 First Avenue S.	Artists' Gallery of Seattle/ Worldwide Marble & Granite	Not eligible	Not protected	N/A
H-14	900 First Avenue S.	Roebbling Building	Eligible for NRHP	Protected by Section 4(f)	No use
H-15	820 First Avenue S.	Coastal Environmental Systems	Not eligible	Not protected	N/A
H-16	1020-1022 First Avenue S.	E.O. Graves Building	Eligible for NRHP	Protected by Section 4(f)	No use

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-17	553 First Avenue S.	Triangle Hotel	NRHP, PSHD	Protected by Section 4(f)	No use
H-18	505 First Avenue S.	Starbucks	PSHD	Protected by Section 4(f)	No use
H-19	501 First Avenue S.	(Seattle Hardware Annex)	PSHD	Protected by Section 4(f)	No use
H-20	83 S. King Street	83 King Street & garage (Seattle Hardware Co.)	PSHD	Protected by Section 4(f)	No use
H-21	590 First Avenue S.	(Seattle Plumbing Building)	PSHD	Protected by Section 4(f)	No use
H-22	568 First Avenue S.	Provident Building	PSHD	Protected by Section 4(f)	No use
H-23	562 First Avenue S.	The Copy Machine (Bornstein & Sons)	PSHD	Protected by Section 4(f)	No use
H-24	558 First Avenue S.	Fobes Supply Co.	PSHD	Protected by Section 4(f)	No use
H-25	548 First Avenue S.	Elysian Fields/Reedo Building (Carsten Brothers/Nordic Cold Storage)	PSHD	Protected by Section 4(f)	No use
H-26	542 First Avenue S.	Washington Shoe Building	PSHD	Protected by Section 4(f)	No use
H-27	538 First Avenue S.	Sluggers (Kaufman Warehouse)	PSHD	Protected by Section 4(f)	No use
H-28	508–534 First Avenue S.	Florentine Condominiums (Seattle Security Co. Warehouse)	PSHD	Protected by Section 4(f)	No use
H-29	500 First Avenue S.	101 King Street (Norfin Building)	PSHD	Protected by Section 4(f)	No use
H-30	410 Alaskan Way S.	Merrill Place Garage	PSHD	Protected by Section 4(f)	No use
H-31	419 First Avenue S.	Merrill Place (Hambach Building)	PSHD	Protected by Section 4(f)	No use

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-32	411 First Avenue S.	Merrill Place (Seller Building)	PSHD	Protected by Section 4(f)	No use
H-33	401 First Avenue S.	Merrill Place (Schwabacher Hardware Co.)	PSHD	Protected by Section 4(f)	No use
H-34	100 S. King Street	Westland Building	PSHD	Protected by Section 4(f)	No use
H-35	419 Occidental Avenue S.	F.X. McRory's	PSHD	Protected by Section 4(f)	No use
H-36	79 S. Jackson Street	Merrill Place	PSHD	Protected by Section 4(f)	No use
H-37	80 S. Jackson Street	80 S. Jackson Condo (Steinberg Building)	PSHD	Protected by Section 4(f)	No use
H-38	101 S. Jackson Street	Heritage Building	PSHD	Protected by Section 4(f)	No use
H-39	115 S. Jackson Street	Fisher Building	PSHD	Protected by Section 4(f)	No use
H-40	122 S. Jackson Street	Waltham Block	PSHD	Protected by Section 4(f)	No use
H-41	123 S. Jackson Street	Jackson Square Building	PSHD	Protected by Section 4(f)	No use
H-42	316 Alaskan Way S.	Old Seattle Parking Garage	PSHD	Protected by Section 4(f)	No use
H-43	304 Alaskan Way S.	C&H Company (Otto Sturham & Sons)	PSHD	Protected by Section 4(f)	No use
H-44	322 First Avenue S.	Jackson Building	PSHD	Protected by Section 4(f)	No use
H-45	316 First Avenue S.	Seattle Quilt Building	PSHD	Protected by Section 4(f)	No use
H-46	314 First Avenue S.	Nord Building	PSHD	Protected by Section 4(f)	No use

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-47	313 First Avenue S.	Crown Hotel	PSHD	Protected by Section 4(f)	No use
H-48	310 First Avenue S.	Globe Building	PSHD, NRHP	Protected by Section 4(f)	No use
H-49	309 First Avenue S.	Maud Building	PSHD	Protected by Section 4(f)	No use
H-50	301 First Avenue S.	Bread of Life Mission (Matilda Winehill Block)	PSHD	Protected by Section 4(f)	No use
H-51	311½ Occidental Avenue S.	Waltham Block	PSHD	Protected by Section 4(f)	No use
H-52	201 Alaskan Way South	Pier 48	Not eligible	Not protected	N/A
H-53	75 S. Main Street	Our Home Hotel	PSHD	Protected by Section 4(f)	No use
H-54	76 S. Main Street	Boston Hotel	PSHD	Protected by Section 4(f)	No use
H-55	80 S. Main Street	Argens Safe & Lock Co.	PSHD	Protected by Section 4(f)	No use
H-56	117 S. Main Street	Union Trust Annex	PSHD	Protected by Section 4(f)	No use
H-57	119 S. Main Street	Union Trust Building	PSHD	Protected by Section 4(f)	No use
H-58	212 Alaskan Way S. (80 S. Main Street)	OK Hotel	PSHD	Protected by Section 4(f)	No use
H-59	210 Alaskan Way S.	Seattle Image Setting (People's Supply Company)	PSHD	Protected by Section 4(f)	No use
H-60	201–205 First Avenue S.	J&M Hotel & Café	PSHD	Protected by Section 4(f)	No use
H-61	202 First Avenue S.	Buttnick Building	PSHD	Protected by Section 4(f)	No use

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-62	217–219 First Avenue S.	New England Hotel	PSHD	Protected by Section 4(f)	No use
H-63	216 First Avenue S.	Grand Central (Squire-Latimer Building)	PSHD	Protected by Section 4(f)	No use
H-64	213 First Avenue S.	Artforte Gallery	PSHD	Protected by Section 4(f)	No use
H-65	211 First Avenue S.	Lucky Hotel	PSHD	Protected by Section 4(f)	No use
H-66	209 First Avenue S.	Marathon Building	PSHD	Protected by Section 4(f)	No use
H-67	207 First Avenue S.	Skagit Hotel	PSHD	Protected by Section 4(f)	No use
H-68	206 First Avenue S.	City Loan Building	PSHD	Protected by Section 4(f)	No use
H-69	115 Occidental Avenue S.	Star Theater	PSHD	Protected by Section 4(f)	No use
H-70	109 Occidental Avenue S.	Saveway Market	PSHD	Protected by Section 4(f)	No use
H-71	Foot of Washington Street	Washington Street Boat Landing	NRHP	Protected by Section 4(f)	No use
H-72	68 S. Washington Street	Washington Park Building	PSHD	Protected by Section 4(f)	No use
H-73	72 S. Washington Street	Seattle Publishing	PSHD	Protected by Section 4(f)	No use
H-74	77 S. Washington Street	Lutheran Compass Center (Pacific Coast Co.)	PSHD	Protected by Section 4(f)	No use
H-75	81 S. Washington Street	St. Charles Hotel	PSHD	Protected by Section 4(f)	No use
H-76	108 S. Washington Street	Delmar Hotel	PSHD	Protected by Section 4(f)	No use

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-77	116 & 118 S. Washington Street	Scandinavian Hotel & Clancy Building	PSHD	Protected by Section 4(f)	No use
H-78	124 S. Washington Street	Last Supper Club (Hotel Interurban)	PSHD	Protected by Section 4(f)	No use
H-79	104 First Avenue S.	Lippy Building	PSHD	Protected by Section 4(f)	No use
H-80	102 First Avenue S.	Olympic Block	PSHD	Protected by Section 4(f)	No use
H-81	114 Alaskan Way S.	Prudential Building	PSHD	Protected by Section 4(f)	No use
H-82	110 Alaskan Way S.	Pioneer Square Hotel (Heffernan Engine Works)	PSHD	Protected by Section 4(f)	No use
H-83	117 First Avenue S.	Maynard Building	PSHD	Protected by Section 4(f)	No use
H-84	112 First Avenue S.	City Club Building	PSHD	Protected by Section 4(f)	No use
H-85	114 First Avenue S.	State Hotel	PSHD	Protected by Section 4(f)	No use
H-86	109–115 First Avenue S.	Terry-Denny Lofts (Northern Hotel)	PSHD	Protected by Section 4(f)	No use
H-87	1 Yesler Way	One Yesler Building (Bedford Hotel)	PSHD	Protected by Section 4(f)	Evaluated for use in Part B; preliminary determination of no Section 4(f) use, subject to change following additional consultation with DAHP.
H-88	77 Yesler Way	Pioneer Square Hotel (Yesler Hotel)	PSHD	Protected by Section 4(f)	No use
H-89	76–84 Yesler Way 611 Post Avenue	(Travelers Hotel)	PSHD	Protected by Section 4(f)	No use

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-90	90 Yesler Way	606 Post (Post Hotel)	PSHD	Protected by Section 4(f)	No use
H-91	93 Yesler Way 103–107 First Avenue S.	Schwabacher Building	PSHD	Protected by Section 4(f)	No use
H-92	95 Yesler Way	Yesler Building (Bank of Commerce)	PSHD	Protected by Section 4(f)	No use
H-93	109 Yesler Way	Merchants' Café	PSHD	Protected by Section 4(f)	No use
H-94	119 Yesler Way	Korn Building	PSHD	Protected by Section 4(f)	No use
H-95	515 Second Avenue	Parking garage	PSHD	Protected by Section 4(f)	No use
H-96	619 Post Avenue	Seattle Steam	PSHD	Protected by Section 4(f)	No use
H-97	605 First Avenue	Mutual Life Building	PSHD	Protected by Section 4(f)	No use
H-98	606 First Avenue at Yesler Way	Pioneer Building, Pioneer Place & pergola	NHL, PSHD	Protected by Section 4(f)	No use
H-99	612 First Avenue	Howard Building	PSHD	Protected by Section 4(f)	No use
H-100	616 First Avenue	Lowman & Hanford Building	PSHD	Protected by Section 4(f)	No use
H-102	625 First Avenue	Emerald City Building (K&R/Pioneer Office Equipment)	PSHD	Protected by Section 4(f)	No use
H-103	627 First Avenue	Yam Oriental Rugs (Silver Hotel)	PSHD	Protected by Section 4(f)	No use
H-104	102–110 Cherry Street	Scheuerman Building	PSHD	Protected by Section 4(f)	No use
H-105	107 Cherry Street	Lowman Building	PSHD	Protected by Section 4(f)	No use

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-106	601 Second Avenue	Butler Garage	PSHD	Protected by Section 4(f)	No use
H-107	619 Second Avenue	Broderick Building	PSHD	Protected by Section 4(f)	No use
H-108	619 Western Avenue	Western Building	PSHD	Protected by Section 4(f)	Subject to use under Section 4(f); see Part A
H-109	61 Columbia Street	Polson Building	PSHD	Protected by Section 4(f)	Evaluated for use in Part B; preliminary determination of no Section 4(f) use, subject to change following additional consultation with DAHP.
H-110	83 Columbia Street	Journal Building	PSHD	Protected by Section 4(f)	No use
H-111	701-723 First Avenue	All-Rite Parking Garage/US Bank	PSHD	Protected by Section 4(f)	No use
H-112	706 First Avenue	Parking garage	PSHD	Protected by Section 4(f)	No use
H-113	705 Second Avenue	Hoge Building	NRHP	Protected by Section 4(f)	No use
H-115	801 Alaskan Way	Piers 52/53 (Colman Dock)	Not eligible	Not protected	N/A
H-116	809 Western Avenue	Commuter Building Garage	Not eligible	Not protected	N/A
H-117	815 Western Avenue	Commuter Building	Not eligible	Not protected	N/A
H-118	801-821 First Avenue	Colman Building	NRHP	Protected by Section 4(f)	No use
H-119	801 Second Avenue	Norton Building	Eligible for NRHP	Protected by Section 4(f)	No use
H-120	815 Second Avenue	Key Bank (Bank of California)	Eligible for NRHP	Protected by Section 4(f)	No use

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-121	821 Second Avenue	Exchange Building	Eligible for NRHP	Protected by Section 4(f)	No use
H-122	925 Alaskan Way	Fire Station No. 5	Eligible for NRHP	Protected by Section 4(f)	No use
H-123	911 Western Avenue	Maritime Building	Eligible for NRHP	Protected by Section 4(f)	Evaluated for use in Part B; preliminary determination of no Section 4(f) use, subject to change following additional consultation with DAHP.
H-124	901 First Avenue	Federal Office Building	NRHP	Protected by Section 4(f)	Evaluated for use in Part B; preliminary determination of no Section 4(f) use, subject to change following additional consultation with DAHP.
H-125	1001 Alaskan Way	Pier 54	Eligible for NRHP	Protected by Section 4(f)	No use
H-126	1000–1024 Western Avenue	National Building	NRHP	Protected by Section 4(f)	Evaluated for use in Part B; preliminary determination of no Section 4(f) use, subject to change following additional consultation with DAHP.
H-127	1001–1011 First Avenue	Alexis Hotel (Globe Building)	NRHP	Protected by Section 4(f)	Evaluated for use in Part B; preliminary determination of no Section 4(f) use, subject to change following additional consultation with DAHP.
H-128	1012 First Avenue	Schoenfeld Furniture Store Building	Eligible for NRHP	Protected by Section 4(f)	No use

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-129	1013 First Avenue	Arlington South (Beebe Building)	NRHP	Protected by Section 4(f)	Evaluated for use in Part B; preliminary determination of no Section 4(f) use, subject to change following additional consultation with DAHP.
H-130	1018 First Avenue	Holyoke Building	NRHP	Protected by Section 4(f)	No use
H-131	1019–1023 First Avenue	Arlington North (Hotel Cecil)	NRHP	Protected by Section 4(f)	Evaluated for use in Part B; preliminary determination of no Section 4(f) use, subject to change following additional consultation with DAHP.
H-132	1015 Second Avenue	Federal Reserve Bank	Eligible for NRHP	Protected by Section 4(f)	No use
H-133	1101 Alaskan Way	Pier 55	Eligible for NRHP	Protected by Section 4(f)	No use
H-134	1107 First Avenue (94–96 Spring Street)	Watermark Tower (Colman Building)	Not eligible	Not protected	N/A
H-135	1115–1117 First Avenue	Grand Pacific (Grand Pacific Hotel)	NRHP	Protected by Section 4(f)	Evaluated for use in Part B; preliminary determination of no Section 4(f) use, subject to change following additional consultation with DAHP.
H-136	1123 First Avenue	Grand Pacific (Colonial Hotel)	NRHP	Protected by Section 4(f)	Evaluated for use in Part B; preliminary determination of no Section 4(f) use, subject to change following additional consultation with DAHP.

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-137	1100 Second Avenue (A)	Security Pacific Bank (J.A. Baillargeon Building)	Eligible for NRHP	Protected by Section 4(f)	No use
H-138	1201 Alaskan Way	Pier 56	Eligible for NRHP	Protected by Section 4(f)	No use
H-139	1203–1207 Western Avenue	(Olympic Warehouse)	NRHP	Protected by Section 4(f)	No use
H-140	51 University Street	Pacific Net & Twine Building	Eligible for NRHP	Protected by Section 4(f)	No use
H-141	1206–1212 First Avenue	Freedman’s Loans/Money Mart	Not eligible	Not protected	N/A
H-142	1216–1222 First Avenue	Diller Hotel	Eligible for NRHP	Protected by Section 4(f)	No use
H-143	1201–1211 Second Avenue	Seneca Building	Not eligible	Not protected	N/A
H-144	1215 Second Avenue	Galland Building	Not eligible	Not protected	N/A
H-145	1301 Alaskan Way	Pier 57	Eligible for NRHP	Protected by Section 4(f)	No use
H-146	1319 Western Avenue	Seattle Steam	Not eligible	Not protected	N/A
H-147	55 Union Street	Shurgard Storage	Not eligible	Not protected	N/A
H-148	84 Union Street (1400 Western Avenue)	Marketside Flats (U. S. Immigration Building)	NRHP	Protected by Section 4(f)	No use
H-149	1315 First Avenue	(Hotel Vendome/Post Edwards Building)	Not eligible	Not protected	N/A
H-150	1414 Alaskan Way	Market Square	Not eligible	Not protected	N/A
H-151	1426 Alaskan Way	Bakun Building	Not eligible	Not protected	N/A
H-152	1483 Alaskan Way	Pier 59/Aquarium	Not eligible	Not protected	N/A
H-153	1401 Western Avenue	Antique Warehouse	Not eligible	Not protected	N/A
H-154	1408 Western Avenue	Post Alley Court	PPMHD	Protected by Section 4(f)	No use

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-155	1420 Western Avenue	Ross Manor	PPMHD	Protected by Section 4(f)	No use
H-156	1430 Western Avenue	LaSalle Apartments	PPMHD	Protected by Section 4(f)	No use
H-157	1423 First Avenue	Economy Market	PPMHD	Protected by Section 4(f)	No use
H-158	1426 First Avenue	Showbox	Not eligible	Protected by Section 4(f)	No use
H-159	1501 Western Avenue	Madore Building	Not eligible	Protected by Section 4(f)	No use
H-160	1507 Western Avenue	Fix Building	Eligible for NRHP	Protected by Section 4(f)	No use
H-161	1527–1531 Western Avenue	Heritage House/garage	PPMHD	Protected by Section 4(f)	No use
H-162	1500 First Avenue	Broderick Building	Not eligible	Not protected	N/A
H-163	1505 First Avenue	Corner Market	PPMHD	Protected by Section 4(f)	No use
H-164	1510 First Avenue	Déjà Vu Showgirls (S.J. Holmes Building)	Not eligible	Not protected	N/A
H-165	1513 First Avenue	Sanitary Market	PPMHD	Protected by Section 4(f)	No use
H-166	1531 First Avenue	Market House	PPMHD	Protected by Section 4(f)	No use
H-167	1501 Pike Place	Pike Place Market Main Arcade	PPMHD	Protected by Section 4(f)	No use
H-168	1534 Pike Place	Triangle Building	PPMHD	Protected by Section 4(f)	No use
H-169	110 Union Street	Harold Poll Building (Hancock Building)	Not eligible	Not protected	N/A

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-170	1530 Post Alley	Seattle's Best	PPMHD	Protected by Section 4(f)	No use
H-171	1501 Second Avenue	Eitel Building	Eligible for NRHP	Protected by Section 4(f)	No use
H-172	103 Pike Street	Hahn Building	Not eligible	Protected by Section 4(f)	No use
H-173	114 Pike Street	Hard Rock Cafe (Liberty Building)	Not eligible	Protected by Section 4(f)	No use
H-174	107 Pine Street	Gatewood Apartments	Eligible for NRHP	Protected by Section 4(f)	No use
H-175	119 Pine Street	Doyle Building (J. S. Graham Store)	NRHP	Protected by Section 4(f)	No use
H-176	1600 Pike Place	Garden Center Building	PPMHD	Protected by Section 4(f)	No use
H-177	1601 Second Avenue	Broadacres Building	Not eligible	Not protected	N/A
H-178	1613 Second Avenue	MJA Building	Not eligible	Not protected	N/A
H-180	86 Pine Street	Inn at the Market	PPMHD	Protected by Section 4(f)	No use
H-181	1900 Pike Place/ 80 Stewart Street	Stewart House	PPMHD	Protected by Section 4(f)	No use
H-182	1912 Pike Place	Starbucks Coffee	PPMHD	Protected by Section 4(f)	No use
H-183	1924 Pike Place	Soames Dunn Building	PPMHD	Protected by Section 4(f)	No use
H-184	1928 Pike Place	Champion Building	PPMHD	Protected by Section 4(f)	No use
H-185	1930 Pike Place	Pike & Virginia Building	PPMHD	Protected by Section 4(f)	No use
H-186	1901 First Avenue	Fairmount Apartments	PPMHD	Protected by Section 4(f)	No use

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-187	1915 First Avenue	Alaska Trade Building	NRHP, PPMHD	Protected by Section 4(f)	No use
H-188	1923 First Avenue	Smith Block	PPMHD	Protected by Section 4(f)	No use
H-189	1921 First Avenue	Butterworth Building	NRHP, PPMHD	Protected by Section 4(f)	No use
H-190	1920 First Avenue	Oxford Apartments	Eligible NRHP	Protected by Section 4(f)	No use
H-193	1924 First Avenue	Cipra Building	Not eligible	Not protected	N/A
H-194	1932 First Avenue	Terminal Sales Building	NRHP	Protected by Section 4(f)	No use
H-195	1931 First Avenue	Livingston Baker Apartments	PPMHD	Protected by Section 4(f)	No use
H-196	1937 First Avenue	Virginia Inn (Landes Block)	PPMHD	Protected by Section 4(f)	No use
H-197	1902 Second Avenue	Josephinum (New Washington Hotel)	NRHP	Protected by Section 4(f)	No use
H-198	1915 Second Avenue	Second Avenue Parking Garage (Northwest Building Co. Garage)	Not eligible	Not protected	N/A
H-199	116 Stewart Street	St. Regis (Hotel Archibald)	Not eligible	Not protected	N/A
H-200	1919 Second Avenue	(Hansen Brothers Building)	Not eligible	Not protected	N/A
H-201	1921 Second Avenue	Great Jones Home (Barnett's Auction House)	Not eligible	Not protected	N/A
H-202	1926 Second Avenue	Moore Hotel/Theater	NRHP	Protected by Section 4(f)	No use
H-203	1927 Second Avenue	Terminal Sales Annex (Puget Sound News)	Eligible for NRHP	Protected by Section 4(f)	No use
H-204	2016 First Avenue	Vogue Hotel	Not eligible	Not protected	N/A
H-205	104 Pine Street	Atwood Apartments	Not eligible	Not protected	N/A

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-206	2000 Second Avenue	Palladian Apartments	Eligible for NRHP	Protected by Section 4(f)	No use
H-207	1907 Third Avenue	Bergman's (Donohoe Garage)	Eligible for NRHP	Protected by Section 4(f)	No use
H-208	1915 Third Avenue	Downtown Mini-Storage	Not eligible	Not protected	N/A
H-209	1921 Third Avenue	Haddon Hall Apartments (Kelley-Gorham Building)	Eligible for NRHP	Protected by Section 4(f)	No use
H-210	1925 Third Avenue	Trust Building (Heiden Building)	Eligible for NRHP	Protected by Section 4(f)	No use
H-211	2006 Second Avenue	Bushell's Auction House	Not eligible	Not protected	N/A
H-212	2014 Second Avenue	Parking	Not eligible	Not protected	N/A
H-213	2001 Third Avenue	Swiftly Printing	Not eligible	Not protected	N/A
H-214	2013–2015 Third Avenue	First Avenue Service Center Shelter	Not eligible	Not protected	N/A
H-215	2019 Third Avenue	Denny Hill Building	Not eligible	Not protected	N/A
H-216	2025 Third Avenue	Pathe Building	Eligible for NRHP	Protected by Section 4(f)	No use
H-217	2031 Third Avenue	Jewish Federation of Seattle	Not eligible	Not protected	N/A
H-218	2035 Fourth Avenue	Ralph's Grocery	Not eligible	Not protected	N/A
H-219	2021 Fourth Avenue	Stratford Apartments (Nesika Apartments)	Not eligible	Not protected	N/A
H-220	2033 Fourth Avenue	Jiffy Lube	Not eligible	Not protected	N/A
H-221	2106 Second Avenue	Belltown Service Center	Not eligible	Not protected	N/A
H-222	2122 Second Avenue	Velocity/Saito's (Henry's Garage)	Not eligible	Not protected	N/A
H-223	2132 Second Avenue	Castle Apartments	Eligible for NRHP	Protected by Section 4(f)	No use
H-224	2101 Third Avenue	Sig's Barber Shop	Not eligible	Not protected	N/A
H-225	2107 Third Avenue	Brasa (Metropolitan Printing Company)	Eligible for NRHP	Protected by Section 4(f)	No use

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-226	2118 Third Avenue	National Assoc. of Credit Management (Sam Inch Gotham Garage)	Not eligible	Not protected	N/A
H-227	2124 Third Avenue	Swenson Say Faget (Rex Land Company)	Eligible for NRHP	Protected by Section 4(f)	No use
H-228	2132 Third Avenue	Mexican Consulate	Not eligible	Not protected	N/A
H-229	2133 Third Avenue	Markham Building	Not eligible	Not protected	N/A
H-231	02100 Fourth Avenue	Cinerama Theatre	Not eligible	Not protected	N/A
H-232	2116 Fourth Avenue	Dean's Transmissions (Speed Roberts Auto Repair)	Not eligible	Not protected	N/A
H-233	2124 Fourth Avenue	Downtown Seattle Public Health Center	Not eligible	Not protected	N/A
H-234	Fifth Avenue from Pine Street to Seattle Center	Seattle Alweg Monorail	Eligible for NRHP	Protected by Section 4(f)	No use
H-235	2115 Fifth Avenue	Digital Reproductive Services (Northwest Auto Radio)	Not eligible	Not protected	N/A
H-236	2121 Fifth Avenue	Groundspeak	Not eligible	Not protected	N/A
H-237	2127 Fifth Avenue	Vacant (Kerry Foster Auto Repair)	Not eligible	Not protected	N/A
H-238	2200 Western Avenue	Union Livery Stable	Eligible for NRHP	Protected by Section 4(f)	No use
H-239	2218 Western Avenue	Venom	Not eligible	Not protected	N/A
H-240	2205 First Avenue	Lewiston Hotel	Eligible for NRHP	Protected by Section 4(f)	No use
H-241	2209 First Avenue	Scargo Apartments	Eligible for NRHP	Protected by Section 4(f)	No use
H-242	2225 First Avenue	Apex Hotel	Not eligible	Not protected	N/A
H-243	306 Blanchard Street	Cornelius Apartments	Not eligible	Not protected	N/A
H-244	2200 Fourth Avenue	Fourth & Blanchard (Otis Elevator)	Eligible for NRHP	Protected by Section 4(f)	No use
H-245	2208 Fourth Avenue	Kaye-Smith Productions (Northern Radio Company)	Not eligible	Not protected	N/A

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-246	2212 Fourth Avenue	Kaye-Smith Productions (Shields Harper)	Not eligible	Not protected	N/A
H-247	2218 Fourth Avenue	Garage (Automotive Service Company)	Not eligible	Not protected	N/A
H-248	2219 Fourth Avenue	Spitfire	Not eligible	Not protected	N/A
H-249	2230 Fourth Avenue	Charlesgate Apartments	Not eligible	Not protected	N/A
H-251	2211 Fifth Avenue	Sprye Domain (Lewis Casing Company)	Not eligible	Not protected	N/A
H-252	2217 Fifth Avenue	(Lyric Theater)	Not eligible	Not protected	N/A
H-253	2218 Fifth Avenue	Wexley School for Girls (Western Type & Printing)	Not eligible	Not protected	N/A
H-254	2221 Fifth Avenue	(Royal Typewriter)	Eligible for NRHP	Protected by Section 4(f)	No use
H-255	2231 Fifth Avenue	Seattle Glassblowing	Not eligible	Not protected	N/A
H-256	2235 Fifth Avenue	Vacant (Toledo Scales)	Not eligible	Not protected	N/A
H-257	66 Bell Street	Belltown Lofts	Not eligible	Not protected	N/A
H-258	2315 Western Avenue	Compton Building (Bon Marche Stable)	Eligible for NRHP	Protected by Section 4(f)	No use
H-259	2333 Western Avenue	Mars Hill Church	Not eligible	Not protected	N/A
H-260	2301–2305 First Avenue	Oregon Hotel	Eligible for NRHP	Protected by Section 4(f)	No use
H-261	2302 Fourth Avenue	Franklin Apartments	Eligible for NRHP	Protected by Section 4(f)	No use
H-262	2306 Fourth Avenue	Seattle Micro	Not eligible	Not protected	N/A
H-263	2316 Fourth Avenue	Close Instrument Company	Not eligible	Not protected	N/A

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-264	2334 Fourth Avenue	Fire Station No. 2	Eligible for NRHP	Protected by Section 4(f)	Evaluated for use in Part B; preliminary determination of no Section 4(f) use, subject to change following additional consultation with DAHP.
H-265	2326 Sixth Avenue	Antioch University	Not eligible	Not protected	N/A
H-266	2331 Seventh Avenue	Midas	Not eligible	Not protected	N/A
H-267	521 Wall Street	Sixth and Wall Building (Seattle Post-Intelligencer)	Not eligible	Not protected	N/A
H-268A	616 Battery Street	Elephant Car Wash	Not eligible	Not protected	N/A
H-268B	616 Battery Street	Elephant Car Wash sign	Eligible for NRHP	Protected by Section 4(f)	No use
H-269	566 Denny Way	Walgreen's (Seattle First National Bank)	Eligible for NRHP	Protected by Section 4(f)	No use
H-270	120 Sixth Avenue N.	Seattle Housing Authority	Eligible for NRHP	Protected by Section 4(f)	Evaluated for use in Part B; preliminary determination of no Section 4(f) use, subject to change following additional consultation with DAHP.
H-271	113 Dexter Avenue N.	KEXP	Not eligible	Not protected	N/A
H-272	133 Dexter Avenue N.	Willamette Dental	Not eligible	Not protected	N/A
H-273	203 Sixth Avenue N.	Space Needle Corporation	Not eligible	Not protected	N/A
H-274	233 Sixth Avenue N.	ARC of King County	Not eligible	Not protected	N/A
H-275	200 Sixth Avenue N.	Travelodge	Not eligible	Not protected	N/A
H-276	605 Thomas Street	Bianchi Law Firm	Not eligible	Not protected	N/A
H-277	609 Thomas Street	Casa del Rey	Not eligible	Not protected	N/A
H-278	225 Aurora Avenue N.	Quality Inn	Not eligible	Not protected	N/A

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-279	232 Aurora Avenue N.	Publishers Mailing Service	Not eligible	Not protected	N/A
H-280	203 Dexter Avenue N.	WW Art Gallery	Not eligible	Not protected	N/A
H-281	231 Dexter Avenue N.	Speedy Glass	Not eligible	Not protected	N/A
H-282	516 Broad Street	Ride the Duck	Not eligible	Not protected	N/A
H-284	319 Sixth Avenue N.	Seattle City Light Broad Street Substation	Eligible for NRHP	Protected by Section 4(f)	No use
H-286	332 Fifth Avenue N.	Diamond Restaurant & Lounge	Not eligible	Not protected	N/A
H-284	319 Sixth Avenue N.	Seattle City Light Broad Street Substation	Eligible for NRHP	Protected by Section 4(f)	No use
H-287	330 Sixth Avenue N.	Launching Pad Building (AAA Washington)	Not eligible	Not protected	N/A
H-288	325 Aurora Avenue N.	Seattle Pacific Hotel	Not eligible	Not protected	N/A
H-289	333 Dexter Avenue N.	King Broadcasting	Not eligible	Not protected	N/A
H-290	408 Aurora Avenue N.	Clark Construction Co.	Not eligible	Not protected	N/A
H-291	434 Aurora Avenue N.	Hostess Bakery/Continental Baking Co.	Not eligible	Not protected	N/A
H-292	401 Dexter Avenue N.	Thompson Printing	Not eligible	Not protected	N/A
H-293	407 Dexter Avenue N.	Wright Exhibition Space	Not eligible	Not protected	N/A
H-294	500 Aurora Avenue N.	School of Visual Concepts	Not eligible	Not protected	N/A
H-295	500 Dexter Avenue N.	Barking Lounge	Not eligible	Not protected	N/A
H-296	501 Dexter Avenue N.	Imigri	Not eligible	Not protected	N/A
H-297	509 Dexter Avenue N.	United Business Supply	Not eligible	Not protected	N/A
H-298	513 Dexter Avenue N.	Glazer's/Phototronics	Not eligible	Not protected	N/A
H-299	522 Dexter Avenue N.	Vacant	Not eligible	Not protected	N/A
H-300	525 Dexter Avenue N.	Goods for the Planet	Not eligible	Not protected	N/A
H-301	530 Dexter Avenue N.	US Bank	Not eligible	Not protected	N/A
H-302	601 Aurora Avenue N.	Church of Scientology	Not eligible	Not protected	N/A
H-303	610 Aurora Avenue N.	Vacant	Not eligible	Not protected	N/A
H-304	620 Aurora Avenue N.	Vacant	Not eligible	Not protected	N/A

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-305	701 John Street	Denny Park Auto Clinic	Not eligible	Not protected	N/A
H-306	721 Aurora Avenue N.	Pagliacci Pizza	Not eligible	Not protected	N/A
H-307	800 Mercer Street	Vacant	Not eligible	Not protected	N/A
H-308	601 Dexter Avenue N.	Copiers Northwest	Not eligible	Not protected	N/A
H-309	700 Dexter Avenue N./ 770 Roy Street	Huletz Electric/Auto Hound	Not eligible	Not protected	N/A
H-310	717 Dexter Avenue N.	European Auto Service	Not eligible	Not protected	N/A
H-311	708 Sixth Avenue N.	Midori Inc.	Not eligible	Not protected	N/A
H-312	701 Dexter Avenue N./ 800 Aloha Street	Seattle Parks Maintenance Facility	Eligible for NRHP	Protected by Section 4(f)	No use
H-313	701–711 Ninth Avenue N.	Bucca di Beppo/Ducati	Not eligible	Not protected	N/A
H-314	739 Ninth Avenue N.	Maaco	Not eligible	Not protected	N/A
H-315	753 Ninth Avenue N.	KPG Architects	Not eligible	Not protected	N/A
H-316	731 Westlake Avenue N.	Jillian’s	Not eligible	Not protected	N/A
H-001A	1100 Second Avenue (B)	Security Pacific Building	Eligible for NRHP	Protected by Section 4(f)	No use
H-002A	2108 Western Avenue	Ewing & Clark (Medill Auto Repair).	Not eligible	Not protected	N/A
H-003A	2116 Western Avenue	Elliott Bay Bicycles	Not eligible	Not protected	N/A
H-004A	2100 First Avenue	Patagonia	Not eligible	Not protected	N/A
H-005A	2112 First Avenue	Federal Army-Navy Surplus	Not eligible	Not protected	N/A
H-006A	2119 First Avenue	Mud Bay	Not eligible	Not protected	N/A
H-007A	2121 First Avenue	Cherry Street Coffee House (Colski Building)	Eligible for NRHP	Protected by Section 4(f)	No use
H-008A	2132 First Avenue	Taco del Mar/Cellars	Not eligible	Not protected	N/A
H-009A	2117 Second Avenue	D. W. Close (Seattle Radio Supply)	Not eligible	Not protected	N/A
H-110A	2119 Second Avenue	El Rey Apartments	Not eligible	Not protected	N/A
H-011A	2124 Second Avenue	(Hoover Company)	Not eligible	Not protected	N/A

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-012A	2125 Second Avenue	Rivoli Apartments	Eligible for NRHP	Protected by Section 4(f)	No use
H-013A	2137 Second Avenue	Zoe's Restaurant	Not eligible	Not protected	N/A
H-014A	2200–2204 First Avenue	Jetway Apartments/E. E. Robbins (Donald/Alexandria Hotel)	Eligible for NRHP	Protected by Section 4(f)	No use
H-015A	2212–2216 First Avenue	Kasota Building (Strand Hotel)	Not eligible	Not protected	N/A
H-016A	2218 First Avenue	Tia Lou's (Mattson's Music House)	Not eligible	Not protected	N/A
H-017A	2234 First Avenue	Flying Fish (White's Hitchcock Building)	Not eligible	Not protected	N/A
H-018A	113 Bell Street	Copper Cart (Ice Delivery Company)	Not eligible	Not protected	N/A
H-019A	2200 Second Avenue	Crocodile	Not eligible	Not protected	N/A
H-020A	2205 Second Avenue	Humphrey Apartments	Not eligible	Not protected	N/A
H-021A	2207 Second Avenue	Mayflower Apartments	Not eligible	Not protected	N/A
H-022A	2214 Second Avenue	Tula's	Not eligible	Not protected	N/A
H-023A	2216–2222 Second Avenue	Shorty's	Not eligible	Not protected	N/A
H-024A	2224 Second Avenue	Lava Lounge (Wayne Apartments)	Not eligible	Not protected	N/A
H-025A	2230 Second Avenue	Mama's Mexican Kitchen	Not eligible	Not protected	N/A
H-026A	2231 Second Avenue	Bedlam (Perry's Machine Shop)	Not eligible	Not protected	N/A
H-027A	2235 Second Avenue	Bedlam (Bell Street Studios)	Eligible for NRHP	Protected by Section 4(f)	No use
H-028A	2300 First Avenue	Endless Knot/Dorothy Day House (Douglas Hotel)	Not eligible	Not protected	N/A
H-029A	2330 First Avenue	Catholic Seamen's Club (Paramount Studios)	Not eligible	Not protected	N/A
H-030A	2309 Second Avenue	Wasabi Bistro	Not eligible	Not protected	N/A

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-031A	2312 Second Avenue	Roq la Rue (RKO)	Eligible for NRHP	Protected by Section 4(f)	No use
H-032A	2319–2323 Second Avenue	Kushibar	Not eligible	Not protected	N/A
H-034A	2322 Second Avenue	Rendezvous/Jewel Box (B. F. Shearer Co.)	Not eligible	Not protected	N/A
H-035A	2324–2326 Second Avenue	Suyama Peterson Deguchi	Not eligible	Not protected	N/A
H-036A	2327 Second Avenue	William Tell Hotel (Lorraine Hotel)	Eligible for NRHP	Protected by Section 4(f)	No use
H-037A	2331 Second Avenue	Buckley’s (MGM-Loew’s)	Eligible for NRHP	Protected by Section 4(f)	No use
H-038A	2334 Second Avenue	Marrakesh	Not eligible	Not protected	N/A
H-039A	304 Bell Street	Adams Apartments	Eligible for NRHP	Protected by Section 4(f)	No use
H-040A	314 Bell Street	Vacant	Not eligible	Not protected	N/A
H-041A	2313 Third Avenue	Matt Talbot Center/Traugott Terrace	Not eligible	Not protected	N/A
H-042A	2323 Third Avenue	Binder Products	Not eligible	Not protected	N/A
H-043A	2330 Third Avenue	Seattle Custom Framing	Not eligible	Not protected	N/A
H-044A	2333 Third Avenue	SKB Architects	Not eligible	Not protected	N/A
H-045A	2313 Fourth Avenue	Two Bells Bar and Grill (Two Bells Tavern)	Eligible for NRHP	Protected by Section 4(f)	Evaluated for use in Part B; preliminary determination of no Section 4(f) use, subject to change following additional consultation with DAHP.
H-046A	2321 Fourth Avenue	Fleming Apartments	Not eligible	Not protected	N/A

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-047A	2325 Fourth Avenue	Community Psychiatric Clinic	Not eligible	Not protected	N/A
H-048A	2407 First Avenue	Form Space Atelier	Not eligible	Not protected	N/A
H-049A	2419 First Avenue	Ace Hotel	Eligible for NRHP	Protected by Section 4(f)	No use
H-050A	87 Wall Street	Ilium Building	Not eligible	Not protected	N/A
H-051A	2402 Second Avenue	Lexington-Concord Apartments	Eligible for NRHP	Protected by Section 4(f)	No use
H-052A	2412–2416 Second Avenue	Windermere	Not eligible	Not protected	N/A
H-053A	2418 Second Avenue	Windermere	Not eligible	Not protected	N/A
H-054A	2401 Third Avenue	US Bank	Eligible for NRHP	Protected by Section 4(f)	No use
H-055A	420 Wall Street	Devonshire Apartments	Eligible for NRHP	Protected by Section 4(f)	No use
H-056A	500 Wall Street	Archstone Belltown (Grosvenor House)	Eligible for NRHP	Protected by Section 4(f)	No use
H-057A	500 Denny Way	Carol Edward, Attorney	Not eligible	Not protected	N/A
H-058A	501 Denny Way	Faulkenbury & Wright Cleaners	Not eligible	Not protected	N/A
H-059A	508 Denny Way	Fat City German Motor Specialties	Not eligible	Not protected	N/A
H-060A	112 Fifth Avenue N.	Vacant	Not eligible	Not protected	N/A
H-061A	118 Fifth Avenue N.	Vacant (Seattle Electric Works)	Not eligible	Not protected	N/A
H-062A	124 Fifth Avenue N.	Vacant	Not eligible	Not protected	N/A
H-063A	131 Taylor Avenue N.	Vacant	Not eligible	Not protected	N/A
H-064A	500 John Street	Graham Lundberg & Peschel	Not eligible	Not protected	N/A
H-065A	206 Fifth Avenue N.	The Funhouse	Not eligible	Not protected	N/A

Exhibit C-1. Inventory of Buildings and Structures 40 or More Years Old Within the Area of Effects (continued)

ID Number	Address	Current Name (Historical Name)	Historic Designation	Section 4(f) Protection	Section 4(f) Use
H-066A	223 Taylor Avenue N.	TW Telecom	Not eligible	Not protected	N/A
H-067A	44. S. Nevada Street	Port of Seattle	Not eligible	Not protected	N/A
H-068A	2320 First Avenue	Barnes Building	NRHP	Protected by Section 4(f)	No use
H-069A	2326 First Avenue	Austin Bell Building	NRHP	Protected by Section 4(f)	No use
H-070A	2401 First Avenue	Hull Building	NRHP	Protected by Section 4(f)	No use
H-071A	2101–2105 First Avenue	Guiry Hotel	NRHP	Protected by Section 4(f)	No use
H-072A	2111 First Avenue	Schillestad Building	NRHP	Protected by Section 4(f)	No use
H-073A	420 Blanchard Street	Windham Apartments	NRHP	Protected by Section 4(f)	No use

Notes:

DAHP = Washington State Department of Archaeology and Historic Preservation

N/A = not applicable

NHL=National Historic Landmark

NRHP = National Register of Historic Places

PSHD = contributing resource in NRHP-listed Pioneer Square Historic District

PPMHD = Pike Place Market Historic District

Park and Recreational Lands

To qualify for protection under Section 4(f), a park or a recreational facility must meet the following criteria:

- ***Be publicly owned.*** If a public/governmental body has a legal or proprietary interest in the land such as fee ownership or easements (a public perpetual conservation easement, drainage easement, wetland easement, etc.), it can still be considered publicly owned.
- ***Be open to the public.*** Public use entails visitation for more than a select group of the public at any time during normal hours of operation.
- ***Have its major purpose be for park or recreation activities.*** *Recreation* refers to typical outdoor activities (walking, hiking, bird watching, etc.), as well as organized sports (soccer, softball, etc.).
- ***Be significant as a park or recreation area.*** *Significance* means that in comparing the availability and function of the resource with the recreational and park objectives of that community, the resource in question plays an important role in meeting those objectives.

Exhibit C-2 is a summary table of all park and recreational facilities evaluated in Appendix H, Social Discipline Report. It describes the location of the facilities, their ownership, primary uses, and their Section 4(f) status and use determinations.

Exhibit C-2. Section 4(f) Status for Study Area Parks and Recreational Facilities

Facility Name	Location	Owner	Primary Facilities	Primary Uses	Section 4(f) Status Related to Recreational Attributes	
					(Historic attributes are addressed in Exhibit C-1)	Section 4(f) Use
Publicly Owned Park and Recreation Facilities, Including Shoreline Public Access						
South Portal Area						
R-1. Safeco Field	First Avenue S. and S. Atlantic Street	Washington State Major League Baseball Stadium Public Facilities District	Professional sports facility	Professional baseball	Not protected by Section 4(f); not open to the public.	N/A
R-2. Qwest Field	Occidental Avenue S. and S. King Street	Washington State Public Stadium Authority	Professional sports facility	Professional football and soccer	Not protected by Section 4(f); not open to the public.	N/A
R-3. Mountains to Sound Greenway Trail	S. Atlantic Street at Alaskan Way	City of Seattle	Trail	View enjoyment, walking, jogging, bicycling, skating	This pathway is not considered a recreational trail protected by Section 4(f). The pathway is within the street right-of-way and is primarily a transportation facility.	N/A
R-4. Waterfront Bicycle/Pedestrian Facility	Alaskan Way from S. Royal Brougham Way to Bay Street	City of Seattle	Trail	View enjoyment, walking, jogging, bicycling, skating, waterfront views, urban views	This pathway is not considered a recreational trail protected by Section 4(f). The pathway is within the street right-of-way and is primarily a transportation facility.	N/A

Exhibit C-2. Section 4(f) Status for Study Area Parks and Recreational Facilities (continued)

Facility Name	Location	Owner	Primary Facilities	Primary Uses	Section 4(f) Status Related to Recreational Attributes (Historic attributes are addressed in Exhibit C-1)	Section 4(f) Use
Central Waterfront						
R-5. Washington Street Boat Landing	S. Washington Street at Alaskan Way	City of Seattle	Hard surfaces, seating	View enjoyment, relaxation, fishing	The pergola is listed in the NRHP and therefore qualifies for protection under Section 4(f).	This resource would not experience direct effects, but during the construction period, it could experience indirect effects of increased noise and traffic congestion. However, the Bored Tunnel Alternative would not substantially impair the activities, features, or attributes of the resource; therefore, no Section 4(f) use is anticipated.
R-6. Klondike Gold Rush National Historic Park – Seattle Unit	319 Second Avenue S.	National Park Service	Historic exhibits	Historic interpretation	This site is not protected by Section 4(f); it is a museum and not a park or recreational facility.	N/A
R-7. Occidental Park	Occidental Avenue S. between S. Washington and S. Main Streets	City of Seattle	Hard surfaces, seating, picnic tables/shelters	Relaxation, picnicking, people watching	This public park owned by the City of Seattle is a protected Section 4(f) resource.	This resource would not experience direct effects, but during the construction period, it could experience indirect effects of increased noise and traffic congestion. However, the Bored Tunnel Alternative would not substantially impair the activities, features, or attributes of the resource; therefore, no Section 4(f) use is anticipated.

Exhibit C-2. Section 4(f) Status for Study Area Parks and Recreational Facilities (continued)

Facility Name	Location	Owner	Primary Facilities	Primary Uses	Section 4(f) Status Related to Recreational Attributes	Section 4(f) Use
					(Historic attributes are addressed in Exhibit C-1)	
R-8. Pioneer Square Park ¹	Yesler Way and First Avenue	City of Seattle	Totem pole, hard surfaces, seating	Relaxation, picnicking, people watching	This public park owned by the City of Seattle is a protected Section 4(f) resource.	This resource would not experience direct effects, but during the construction period, it could experience indirect effects of increased noise and traffic congestion. However, the Bored Tunnel Alternative would not substantially impair the activities, features, or attributes of the resource; therefore, no Section 4(f) use is anticipated.
R-9. Washington State Ferry Terminal, Shoreline Access	Piers 50 and 52, Alaskan Way between Yesler Way and Madison Street	Washington State Department of Transportation	Public viewing areas, hard surfaces, seating, water feature	View enjoyment, relaxation	This facility does not qualify as a Section 4(f) resource; shoreline public access facilities are not considered park and recreation resources protected under the provisions of Section 4(f).	N/A
R-10. Fire Station No. 5, Shoreline Access	Alaskan Way at Madison Street	City of Seattle	Hard surfaces, seating	View enjoyment, relaxation	This facility does not qualify as a Section 4(f) resource; shoreline public access facilities are not considered park and recreation resources protected under the provisions of Section 4(f).	N/A

Exhibit C-2. Section 4(f) Status for Study Area Parks and Recreational Facilities (continued)

Facility Name	Location	Owner	Primary Facilities	Primary Uses	Section 4(f) Status Related to Recreational Attributes	Section 4(f) Use
					(Historic attributes are addressed in Exhibit C-1)	
R-11. Marion Street Pedestrian Bridge	Marion Street between First Avenue and Colman Dock	City of Seattle	Hard surfaces	View enjoyment, walking	This facility does not qualify as a Section 4(f) resource; its primary purpose is a pedestrian transportation corridor, not a recreational area.	N/A
R-12. Pier 54 ² , Shoreline Access	Alaskan Way between Madison and Spring Streets	Private	Hard surfaces, seating	View enjoyment, relaxation	This facility does not qualify as a Section 4(f) resource; shoreline public access facilities are not considered park and recreation resources protected under the provisions of Section 4(f).	N/A
R-13. Pier 55 ³ , Shoreline Access	Alaskan Way at Seneca Street	Private	Hard surfaces, seating, picnic tables	View enjoyment, relaxation, picnicking, people watching	This facility does not qualify as a Section 4(f) resource; shoreline public access facilities are not considered park and recreation resources protected under the provisions of Section 4(f).	N/A

Exhibit C-2. Section 4(f) Status for Study Area Parks and Recreational Facilities (continued)

Facility Name	Location	Owner	Primary Facilities	Primary Uses	Section 4(f) Status Related to Recreational Attributes	Section 4(f) Use
					(Historic attributes are addressed in Exhibit C-1)	
R-14. Boat Access to Blake Island	Pier 55, Alaskan Way and Seneca Street	Private ferry service to public park and private concession (Tillicum Village)	NA	Boat access to Blake Island State Park	Blake Island State Park is protected by Section 4(f) as a public park.	This resource would not experience direct effects, but during the construction period, it could experience indirect effects of increased noise and traffic congestion. However, the Bored Tunnel Alternative would not substantially impair the activities, features, or attributes of the resource; therefore, no Section 4(f) use is anticipated.
R-15. Pier 56, Shoreline Access	Alaskan Way at Seneca Street	Private	Hard surfaces, seating, picnic tables	View enjoyment, relaxation, picnicking, people watching	This facility does not qualify as a Section 4(f) resource; shoreline public access facilities are not considered park and recreation resources protected under the provisions of Section 4(f).	N/A
R-16. Pier 57 ⁴ , Shoreline Access	Alaskan Way at University Street	Private	Hard surfaces, seating, picnic tables	View enjoyment, relaxation, picnicking, people watching	This facility does not qualify as a Section 4(f) resource; shoreline public access facilities are not considered park and recreation resources protected under the provisions of Section 4(f).	N/A

Exhibit C-2. Section 4(f) Status for Study Area Parks and Recreational Facilities (continued)

Facility Name	Location	Owner	Primary Facilities	Primary Uses	Section 4(f) Status Related to Recreational Attributes	
					(Historic attributes are addressed in Exhibit C-1)	Section 4(f) Use
R-17. Harbor Steps	University Street between First and Western Avenues	Private	Hard surfaces, seating, picnic tables	View enjoyment, relaxation, picnicking, people watching	This facility does not qualify as a Section 4(f) resource; its primary purpose is a pedestrian transportation corridor, not a recreational area.	N/A
R-18. Waterfront Park	Alaskan Way between University and Pike Streets	City of Seattle	Hard surfaces, seating, picnic tables, restrooms	View enjoyment, relaxation, picnicking, people watching, fishing	This public park owned by the City of Seattle is a protected Section 4(f) resource.	This resource would not experience direct effects, but during the construction period, it could experience indirect effects of increased noise and traffic congestion. However, the Bored Tunnel Alternative would not substantially impair the activities, features, or attributes of the resource; therefore, no Section 4(f) use is anticipated.
R-19. Seattle Aquarium	Pier 59, Alaskan Way at Pike Street	City of Seattle	Interpretive displays, research facilities	Interpretive displays, education, research	This facility does not qualify as a 4(f) resource; the Seattle Aquarium is a museum and is not considered a park or recreational facility protected by the provisions of Section 4(f).	N/A
R-20. Pike Street Hillclimb	Pike Street, between Pike Place Market and Alaskan Way	City of Seattle	Hard surfaces, seating	View enjoyment, relaxation, people watching	Does not qualify as a Section 4(f) resource. Its primary purpose is a pedestrian transportation corridor, not a recreational area.	N/A

Exhibit C-2. Section 4(f) Status for Study Area Parks and Recreational Facilities (continued)

Facility Name	Location	Owner	Primary Facilities	Primary Uses	Section 4(f) Status Related to Recreational Attributes	Section 4(f) Use
					(Historic attributes are addressed in Exhibit C-1)	
R-21. Victor Steinbrueck Park ⁵	Western Avenue at Virginia Street	City of Seattle	Hard surfaces, soft surfaces, seating, picnic tables	View enjoyment, relaxation, picnicking, people watching	This public park owned by the City of Seattle is a protected Section 4(f) resource.	This resource would not experience direct effects, but during the construction period, it could experience indirect effects of increased noise and traffic congestion. However, the Bored Tunnel Alternative would not substantially impair the activities, features, or attributes of the resource; therefore, no Section 4(f) use is anticipated.
R-22. Pier 62/63 Park	Alaskan Way at Pine Street	City of Seattle	Hard surfaces, performance facilities	Relaxation, summer concert series, view enjoyment, picnicking	This public park owned by the City of Seattle is a protected Section 4(f) resource.	This resource would not experience direct effects, but during the construction period, it could experience indirect effects of increased noise and traffic congestion. However, the Bored Tunnel Alternative would not substantially impair the activities, features, or attributes of the resource; therefore, no Section 4(f) use is anticipated.
R-23. Lenora Street Pedestrian Bridge, Public Viewpoint	Lenora Street between the Alaskan Way Viaduct and Alaskan Way	Port of Seattle	Hard surfaces, seating	View enjoyment, relaxation	Does not qualify as a Section 4(f) resource. Its primary purpose is a pedestrian transportation corridor, not a recreational area.	N/A

Exhibit C-2. Section 4(f) Status for Study Area Parks and Recreational Facilities (continued)

Facility Name	Location	Owner	Primary Facilities	Primary Uses	Section 4(f) Status Related to Recreational Attributes	
					(Historic attributes are addressed in Exhibit C-1)	Section 4(f) Use
R-24. Bell Street Skybridge	Bell Street between Elliott Avenue and the Bell Street Pier (Pier 66)	Port of Seattle	Hard surfaces	View enjoyment, relaxation	This facility does not qualify as a Section 4(f) resource; its primary purpose is a pedestrian transportation corridor, not a recreational area.	N/A
North Portal Area						
R-25. Denny Park ⁶	Between Dexter Avenue N. and Ninth Avenue N. and Denny Way and John Street	City of Seattle	Hard surfaces, soft surfaces, seating, active use facilities, passive use facilities, restrooms	Relaxation, picnicking, people watching, walking, jogging, bicycling, informal sports	This public park owned by the City of Seattle is a protected Section 4(f) resource.	This resource would not experience direct effects, but during the construction period, it could experience indirect effects of increased noise and traffic congestion. However, the Bored Tunnel Alternative would not substantially impair the activities, features, or attributes of the resource; therefore, no Section 4(f) use is anticipated.
R-26. Seattle Center ⁷	Between Broad Street and Mercer Street and First Avenue N. and Fifth Avenue N.	City of Seattle	Hard surfaces, soft surfaces, seating, picnic tables or shelters, children's play area, art display, active use facilities, passive use facilities, performance facilities, sport arenas, museums, restaurants, restrooms, parking, school	View enjoyment, relaxation, picnicking, people watching, walking, jogging, bicycling, skating, informal sports, professional sports, cultural activities	This public park owned by the City of Seattle is a protected Section 4(f) resource.	This resource would not experience direct effects, but during the construction period, it could experience indirect effects of increased noise and traffic congestion. However, the Bored Tunnel Alternative would not substantially impair the activities, features, or attributes of the resource; therefore, no Section 4(f) use is anticipated.

Exhibit C-2. Section 4(f) Status for Study Area Parks and Recreational Facilities (continued)

Facility Name	Location	Owner	Primary Facilities	Primary Uses	Section 4(f) Status Related to Recreational Attributes	Section 4(f) Use
					(Historic attributes are addressed in Exhibit C-1)	
R-27. Tilikum Place	Fifth Avenue and Denny Way	City of Seattle	Hard surfaces, seating, art display, passive use facilities	Relaxation, picnicking, people watching	This public park owned by the City of Seattle is a protected Section 4(f) resource.	This resource would not experience direct effects, but during the construction period, it could experience indirect effects of increased noise and traffic congestion. However, the Bored Tunnel Alternative would not substantially impair the activities, features, or attributes of the resource; therefore, no Section 4(f) use is anticipated.

Notes:

N/A = not applicable

NRHP = National Register of Historic Places

¹ Pioneer Square Park is a National Historic Landmark.

² Pier 54 has been determined eligible for the NRHP.

³ Pier 55 has been determined eligible for the NRHP.

⁴ Pier 57 has been determined eligible for the NRHP.

⁵ Victor Steinbrueck Park is located in the Pike Place Market Historic District.

⁶ The Parks and Recreation Building at Denny Park has been determined eligible for the NRHP.

⁷ Seattle Center contains several features that have been determined eligible for the NRHP.

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PART D: SECTION 6(F) EVALUATION

Section 6(f) of the Land and Water Conservation Fund Act directs the Department of the Interior (National Park Service) to ensure that replacement lands of equal value, location, and usefulness are provided as conditions to their approval of the Section 6(f) land conversion. Therefore, where a Section 6(f) land conversion is proposed, replacement land will be necessary, regardless of the mitigation proposed.

The project would have no direct impact on land acquired with Land and Water Conservation Fund resources.

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