

Appendix D  
Draft Section 4(f)  
Parts A, B, and C

S. Holgate Street to S. King Street  
Viaduct Replacement Project  
Environmental Assessment



# PARTS

- Part A Description of Section 4(f) Resources That Would Experience Use
- Part B Parks, Recreational Facilities, Wildlife Refuges, and Historic Resources NOT Protected by Section 4(f) or NOT Subject to Use
- Part C Section 106 Historic Resource Inventory Forms

## ACRONYMS

APE	area of potential effects
NA	not applicable
NRHP	National Register of Historic Places
Project	SR 99: S. Holgate Street to S. King Street Viaduct Replacement Project
PSHD	Pioneer Square Historic District
SHPO	State Historic Preservation Officer
SR	State Route
WSDOT	Washington State Department of Transportation

**Part A**

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**Description of Section 4(f) Resources Subject to Use**

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## Description of Section 4(f) Resources with Use

This section describes parks, recreational facilities, and wildlife refuges that were evaluated for potential Section 4(f) protection and historic resources eligible for the National Register of Historic Places (NRHP) in the vicinity of the SR 99: S. Holgate Street to S. King Street Viaduct Replacement Project (the Project) that involve a “use” of Section 4(f) resources.

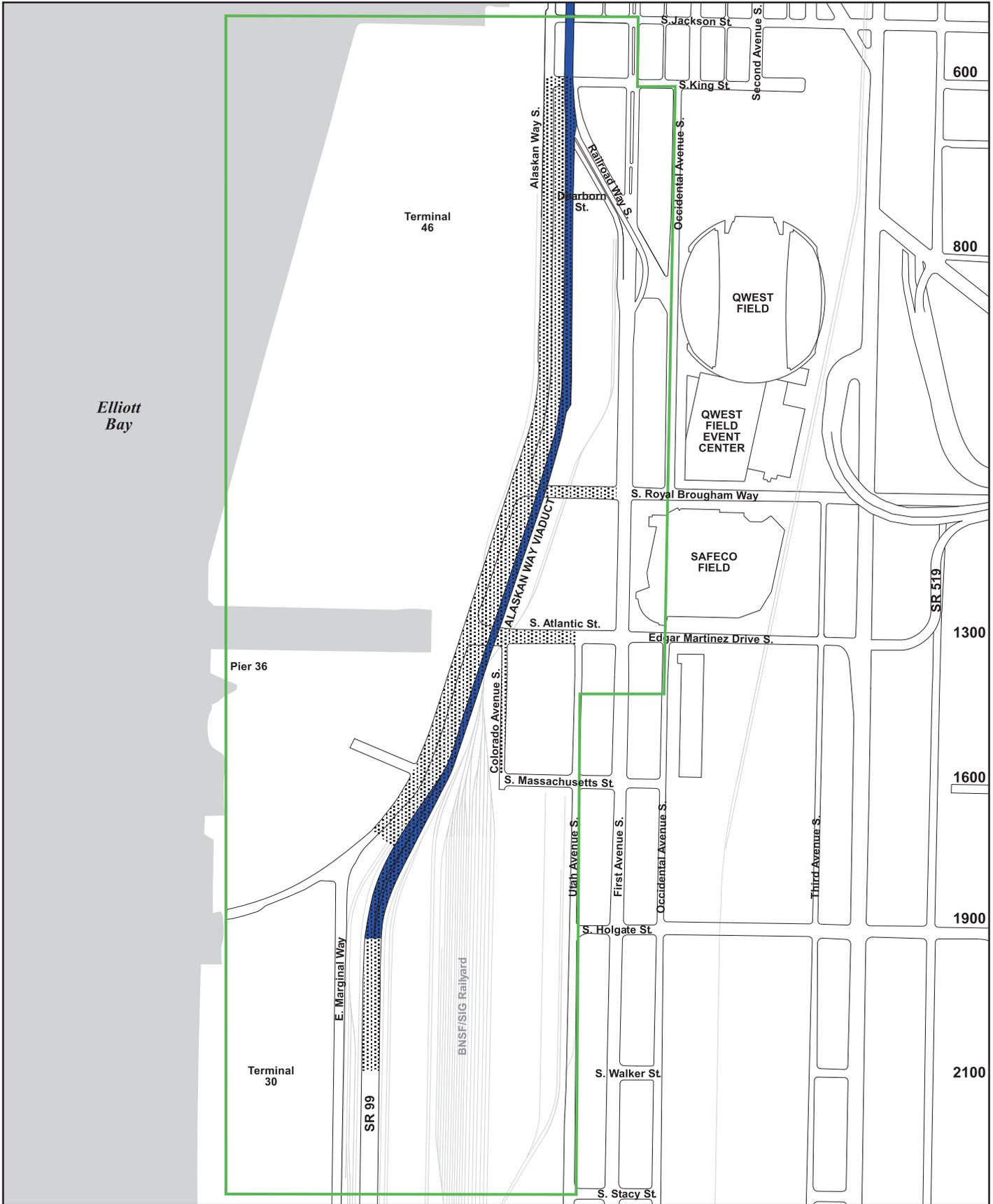
The listing for each resource provides a description of the resource with summary data on location, size, ownership, type of Section 4(f) resource, and other relevant data.

This document is not the Section 4(f) evaluation. It does not describe the use of Section 4(f) resources in detail, nor does it describe alternatives to use and efforts to minimize harm. That information is in the Draft Section 4(f) Evaluation printed with the SR 99: S. Holgate Street to S. King Street Viaduct Replacement Project Environmental Assessment.

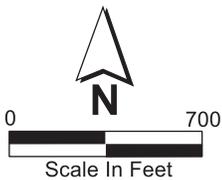
This section also does not describe sites that either are not protected by Section 4(f) or are not subject to use. That information is available in Part B.

Exhibit A-1 shows historic resources subject to use in the project area. There are no parks, recreational facilities, or wildlife refuges subject to use in the project area.

Historic Resource Inventory Forms have been prepared as part of the Section 106 analysis and distributed separately to the State Historic Preservation Officer (SHPO).



AWV/554-1585-030/BW(04) 5/16/08



- National Register Eligible
- Area of Potential Effects (APE)
- Project Limits

## Exhibit A-1 Historic Resources with Use

## Resource: Alaskan Way Viaduct

**Location:** This double-level elevated highway extends from S. Holgate Street on the south to the Battery Street Tunnel on the north. The viaduct is shown on Exhibit A-1.

**Section 4(f) Use:** The Project would replace approximately 40 percent of the overall structure, or approximately 0.8 mile.

**Address:** Not applicable (NA).

**Size:** About 11,156 linear feet (approximately 2.1 miles), with a width of approximately 50 feet.

**Site Plan or Photograph:**

**Ownership:** Washington State Department of Transportation (WSDOT).

**Type of Section 4(f) Resource:** Historic. The Alaskan Way Viaduct has been determined eligible for listing in the 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 multi-span 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.

**Available activities or functions:** Transportation.

**Description and location of all existing and planned facilities:** NA.

**Type of access to the resource:** Vehicular access is provided at the north end from Aurora Avenue and the Battery Street Tunnel, at the south end from State Route (SR) 99, and from several entrance ramps in between.

**Usage:** About 100,000 vehicles per day.

**Relationship to other similarly used lands in the vicinity:** NA.

**Applicable clauses affecting the ownership:** The viaduct is located on the public right-of-way of Alaskan Way (Railroad Avenue in the original Seattle Tidelands Plat of 1896) and on separate purchased right-of-way between Pike Street and Battery Street Tunnel.

**Funding under Section 6(f) of the Land and Water Conservation Fund Act:** None.

Alaskan Way Viaduct near S. Atlantic Street.



**Conclusion regarding Section 4(f) use:** The Project would replace approximately 40 percent of the overall structure, or approximately 0.8 mile.

To comply with Section 106 of the National Historic Preservation Act, a Memorandum of Agreement for effects to historic and archaeological resources will be completed in coordination with the SHPO. To mitigate for removal of the viaduct, prior to issuance of the Finding of No Significant Impact (FONSI), documentation will be completed on the viaduct structure in accordance with Level 2 Historic American Engineering Record (HAER) standards. Photographs have already been taken for the HAER documentation.

**Part B**

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**Parks, Recreational Facilities, Wildlife  
Refuges, and Historic Resources  
NOT Protected by Section 4(f)  
or NOT Subject to Use**

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## **Sites *Not* Protected by Section 4(f) and Sites That Are Protected by Section 4(f) but Are *Not* Subject to Actual Use or Substantial Impairment**

This section evaluates parks, recreational facilities, and wildlife refuges that were evaluated for potential Section 4(f) protection and historic resources eligible for the National Register of Historic Places (NRHP) in the project vicinity that do not involve a use of Section 4(f) resources.

The listing for each resource describes the resource and then either:

- (1) Explains why it is not protected by Section 4(f), or
- (2) Demonstrates that the proximity effects would not rise to a level that would substantially impair the activities, features, or attributes that qualified the resource for protection under Section 4(f).

All public and private parks, recreational facilities, and wildlife refuges within reasonable proximity to the Project, and historic resources eligible for the NRHP within the area of potential effects (APE) are discussed below. The APE begins at S. Stacy Street, one block south of the proposed project area, and extends to S. Jackson Street, one block north of the Project's endpoint at S. King Street. It extends from Elliott Bay on the west to Occidental Avenue S. on the east. The entire APE is within the APE previously approved for the Alaskan Way Viaduct and Seawall Replacement Project by the Washington Department of Archaeology and Historic Preservation (DAHP). The area also includes proposed construction staging areas.

A list of all park and recreation facilities addressed in this section is contained in the summary table, Exhibit B-1, which indicates the major features and why the provisions of Section 4(f) do not apply. Exhibit B-2 shows park, recreation, and public access facilities that are not protected or not subject to use in the project area. Exhibit B-3 shows trails in the project area that are not protected or not subject to use.

Exhibit B-4 shows historic resources that are not protected or not subject to use in the project area. Exhibit B-5 (at the end of Part B) includes a listing of all historic resources determined eligible for the NRHP not subject to use or substantial impairment, together with a summary description of the rationale for the determination. Exhibit B-6 includes a listing of evaluated resources within the Pioneer Square National Register Historic District and the APE.

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Exhibit B-1. Park and Recreational Facilities Evaluated Relative to the Requirements of Section 4(f)

Map Code Number	Location	Facility Name	Owner	Section 4(f) Status	Size (acres or square feet)	Primary Facilities	Primary Use	Subject to Use under Section 4(f)	Construction Effect	Use	Amount of Land Used	Effect on Accessibility	Visual Effects	Noise Effects	Vibration Effects	Air Quality Effects	Vegetation Effects	Wildlife Effects	Water Quality Effects	Effect on Historic Features	Effect on Historic Context	
R-1	1733 Alaskan Way S., Seattle, WA 98134 Terminal 30 S. Massachusetts Street at E. Marginal Way	Jack Perry Memorial Viewpoint	Port of Seattle	Not protected by Section 4(f); See Part B text	0.43 acre	Hard Surfaces, Soft Surfaces, Seating, Picnic Tables/Shelters, Restrooms, Parking	Waterfront View Enjoyment	No	Yes	Public Access	None	During Construction	No	No	No	No	No	No	No	No	No	No
R-3	S. Atlantic Street at Alaskan Way	Mountains to Sound Greenway Trail	City of Seattle	Not protected by Section 4(f); See Part B text	NA	Trail	View Enjoyment, Walking, Jogging, Bicycling, Skating, Waterfront Views, Urban Views	No	Yes	Transportation Facility	Construction: 600 linear feet Replaced after Construction	During Construction	No	No	No	No	No	No	No	No	No	No
R-4	Alaskan Way from S. Royal Brougham Way to Bay Street	Waterfront Bicycle/ Pedestrian Facility	City of Seattle	Not protected by Section 4(f); See Part B text	NA	Trail	View Enjoyment, Walking, Jogging, Bicycling, Skating	No	Yes	Transportation Facility	8,500 linear feet Equivalent Facilities Provided After Construction	During Construction	No	No	No	No	No	No	No	No	No	No

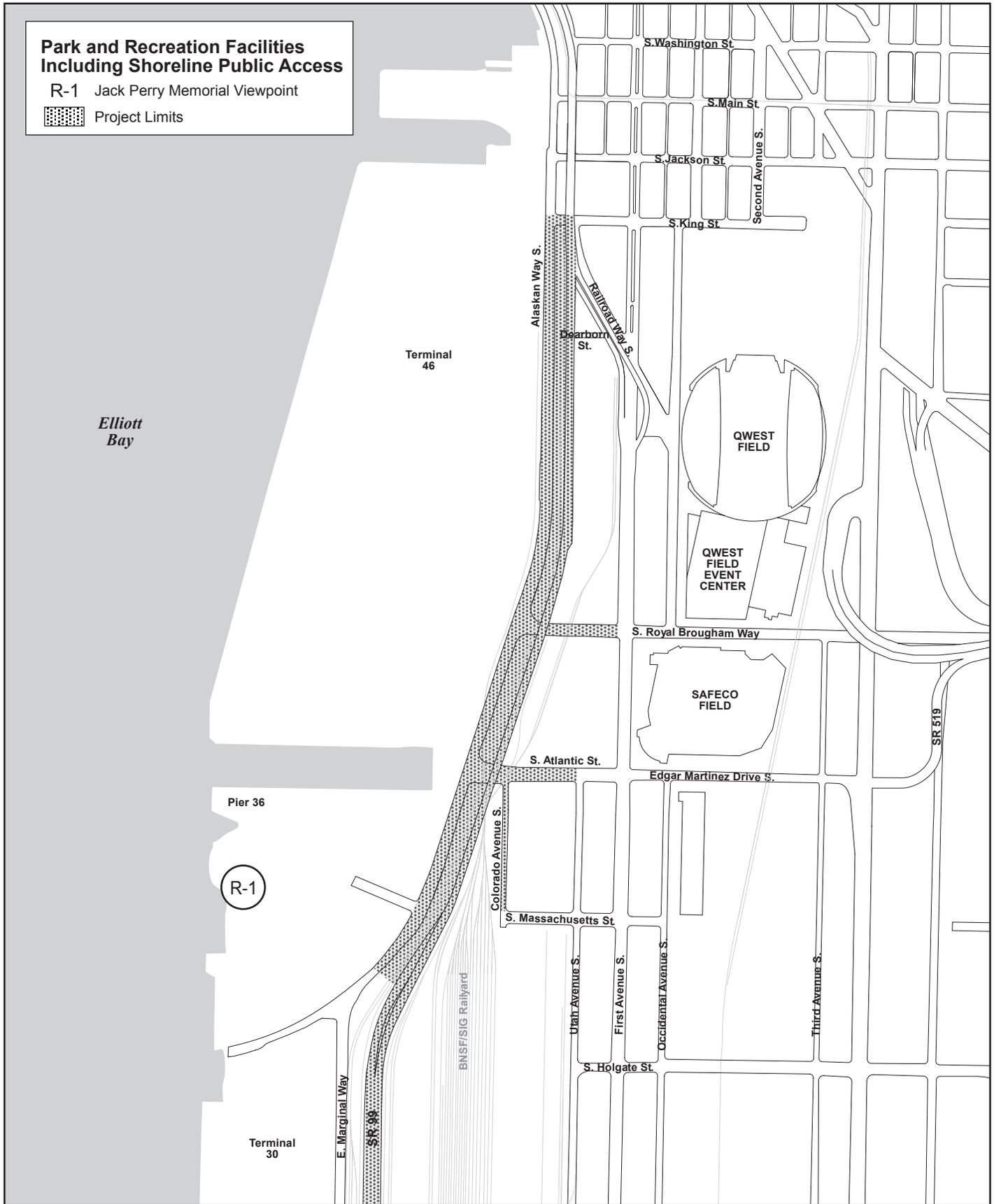
NA = Not applicable

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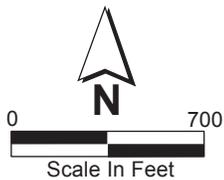
**Park and Recreation Facilities  
Including Shoreline Public Access**

R-1 Jack Perry Memorial Viewpoint

 Project Limits



554-1585-030/BW(04) 5/16/08



**Exhibit B-2  
Park, Recreation, and Public Access  
Facilities Not Protected or with No Use**

**Trails**

R-4 Waterfront Bicycle/Pedestrian Facility

Project Limits

Elliott Bay

Terminal 46

Pier 36

Terminal 30

R-4

QWEST FIELD

QWEST FIELD EVENT CENTER

SAFECO FIELD

S. Royal Brougham Way

S. Atlantic St.

Edgar Martinez Drive S.

Colorado Avenue S.

S. Massachusetts St.

Utah Avenue S.

First Avenue S.

Occidental Avenue S.

Third Avenue S.

S. Holgate St.

S. Washington St.

S. Main St.

S. Jackson St.

S. King St.

Alaskan Way S.

Harbor St.

Railroad Way S.

Second Avenue S.

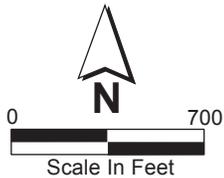
E. Marginal Way

SR 99

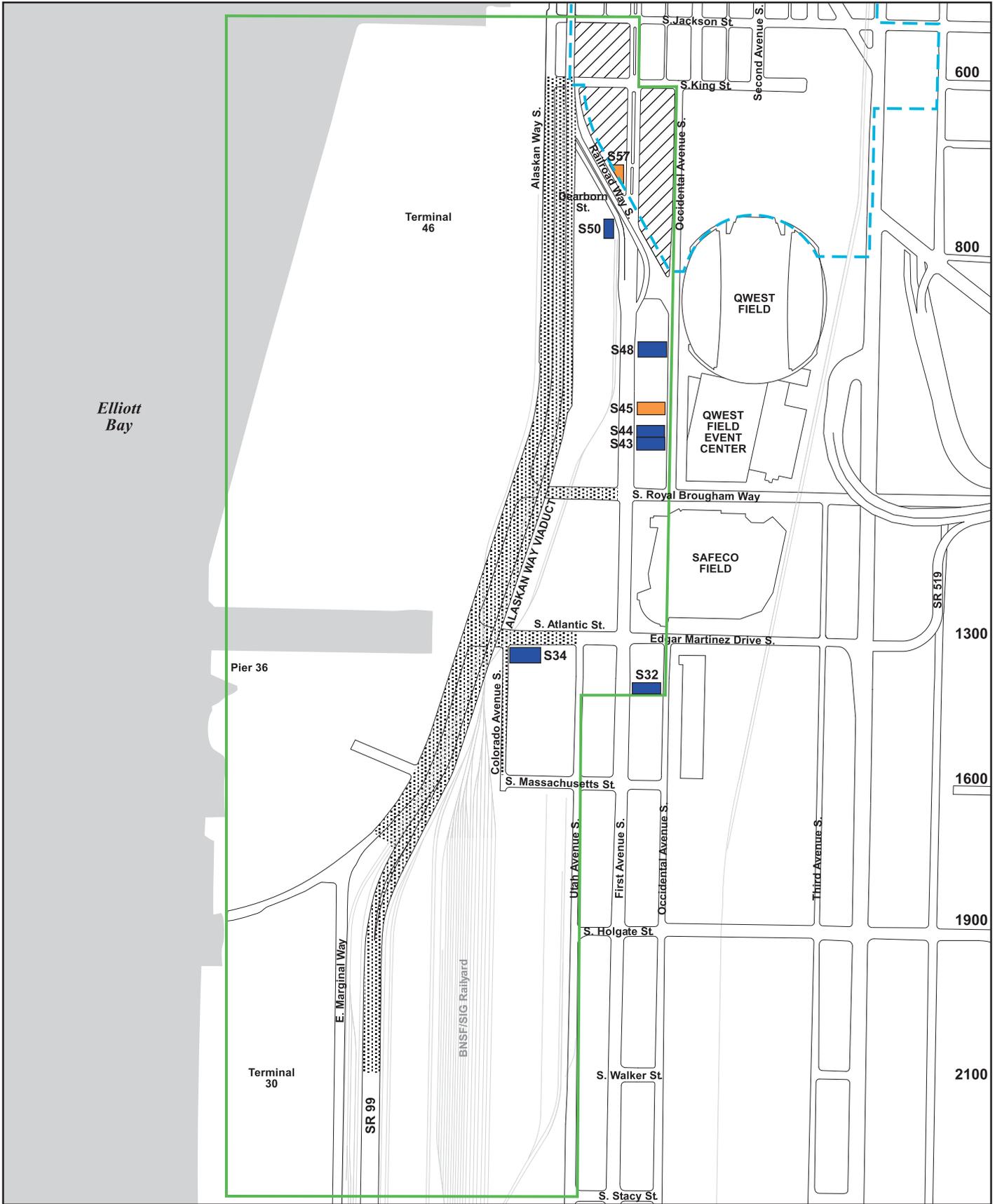
BNSF/SIG Railyard

SR 5189

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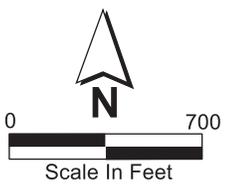


**Exhibit B-3**  
**Trails Not Protected**  
**or With No Use**



AWW/554-1585-030/BW(04) 5/16/08

- National Register Eligible
- National Register Listed
- Sites within the Pioneer Square National Historic District and the APE
- National Register Historic District
- Area of Potential Effects (APE)
- S32 Site Designation Number (see Exhibit B-5)
- Project Limits



**Exhibit B-4  
Historic Resources Not Subject  
to Use Under Section 4(f)**

## **Resource:** Jack Perry Memorial Viewpoint

**Site Identification No.:** R-1

**Location:** South of Pier 36, just south of S. Massachusetts Street on the Duwamish East Waterway. The viewpoint is shown on Exhibit B-2. The SR 99 corridor is about 800 feet to the east.

**Address:** 1733 Alaskan Way S., Seattle, WA 98134.

**Size:** Approximately 18,750 square feet, or about 0.43 acre, excluding the driveway. The site is triangular in shape with approximately 170 feet of frontage on the East Waterway of the Duwamish River and a depth of approximately 250 feet.

**Site Plan or Photograph:**

View to the west from parking lot.

**Ownership:** Port of Seattle.

**Available activities or functions:**

The site has benches and tables for viewing the waterfront. The primary activity provided by the site is viewing of waterfront activities, in conjunction with seating and picnic facilities. It is used as a launch site for kayaks and small boats.



**Description and location of all existing and planned facilities:**

- Benches
- Picnic tables
- Landscape areas
- Interpretive display
- 11 parking spaces

**Type of access to the resource:** Vehicular access is provided by a driveway off E. Marginal Way. The site is accessible by bicycles and pedestrians from the Waterfront Bicycle/Pedestrian Facility, consisting of a shared-use path (bike lane and sidewalks) on E. Marginal Way. It is, however, distant from other pedestrian attractions, and the walking environment on E. Marginal Way is compromised by truck traffic and the lack of interest of adjacent terminal and industrial uses.

**Usage:** The number of visitors is unknown.

**Relationship to other similarly used lands in the vicinity:** There are no other park and recreation facilities within a half-mile.

**Applicable clauses affecting the ownership:** Shoreline Substantial Development Permit conditions requiring shoreline public access are an enforceable condition of use that runs with the land.

**Funding under Section 6(f) of the Land and Water Conservation Fund Act:** None identified by the Washington State Recreation and Conservation Office (formerly the Interagency Committee for Outdoor Recreation).

**Conclusion regarding Section 4(f) use:** The Project would not result in a use of the Jack Perry Memorial Viewpoint under Section 4(f) because the proximity effects of noise and vibration during construction, which would be approximately 800 feet away, would not be of a magnitude to substantially impair enjoyment of the viewpoint.

During construction of the SR 99 replacement structure, access from E. Marginal Way would be maintained. Changes in circulation patterns due to detours may lead users to utilize different routes.

**Resource:** Mountains to Sound Greenway Trail

**Site Identification No.:** R-3

**Location:** The location of the planned trail is shown on Exhibit B-3. The Project would be adjacent to the trail.

**Size:** 9- to 16-foot-wide multi-purpose trail.

**Site Plan or Photograph:** The location of the planned trail and relation to the Project is shown in Exhibit B-3.

**Ownership:** City of Seattle.

**Type of resource:** Multi-use trail.

**Available activities or functions:** Planned trail.

**Type of access to the resource:** Pedestrian.

**Usage:** Planned, no current use.

**Relationship to other similarly used lands in the vicinity:** Will connect to the Waterfront Bicycle/Pedestrian Facility.

**Applicable clauses affecting the ownership:** None known.

**Funding under Section 6(f) of the Land and Water Conservation Fund Act:** None identified by the Washington State Recreation and Conservation Office.

**Conclusion regarding Section 4(f) use:** This trail is not considered a recreational trail protected by Section 4(f). The trail is on the street right-of-way and is primarily a transportation facility.

## **Resource:** Waterfront Bicycle/Pedestrian Facility

**Site Identification No.:** R-4

**Type of Resource:** Transportation

**Location:** This multi-purpose asphalt shared-use path extends from S. Royal Brougham Way on the south to Broad Street on the north, where it connects to the Elliott Bay Trail. The shared-use path is shown on Exhibit B-3. The Project would relocate portions of the pathway.

**Size:** About 12,300 linear feet, with a width of 9 feet; the area is about 110,550 square feet.

**Site Plan or Photograph:** Waterfront Bicycle/Pedestrian Facility,  
S. King Street.

**Ownership:** City of Seattle. The pathway is on street right-of-way and is maintained by the Seattle Department of Transportation.

**Type of resource:** Multi-use pathway.

**Available activities or functions:** Nonmotorized transportation facility. Exercise-related activities such as walking, bicycling, and skating. Passive activities such as enjoyment of scenery and people watching.



### **Description and location of all existing and planned facilities:**

Approximately 9-foot-wide asphalt pathway. The Waterfront Bicycle/Pedestrian Facility is designated as part of the Seattle Urban Trails System in the City's Comprehensive Plan. The Urban Trails System is designated to facilitate walking and bicycling as viable transportation choices, provide recreational opportunities, and link major parks and open spaces with Seattle neighborhoods. Because the pathway was built before standards for bicycle facilities were developed, it does not meet minimum American Association of State Highway and Transportation Officials (AASHTO) (national) design guidelines. Generally, the multi-purpose pathway fills with pedestrians during midday, making it unworkable for heavy bicycle use (Lagerwey 2002 personal communication).

**Type of access to the resource:** The pathway is accessible to pedestrians along its length. People can access the area by vehicle and park at numerous on-street or commercial lots adjacent to the pathway.

**Usage:** Pedestrian and bicycle counts have not been taken. There has been no characterization of patterns of use. Pedestrian use is presumed to vary by season, with the peak use during summer afternoons.

**Relationship to other similarly used lands in the vicinity:** The pathway is one of the linear pedestrian facilities connecting uses along the waterfront.

**Applicable clauses affecting the ownership:** The pathway is located on the public right-of-way of Alaskan Way.

**Funding under Section 6(f) of the Land and Water Conservation Fund Act:** None is identified in City of Seattle records.

**Conclusion regarding Section 4(f) use:** This pathway is not considered a recreational trail protected by Section 4(f). The pathway is on the street right-of-way and is primarily a transportation facility.

## **Resource:** Frederick and Nelson Warehouse

**Site Identification No.:** S32

**Location:** First Avenue S. south of S. Atlantic Street. The site is shown on Exhibit B-4.

**Address:** 1518 First Avenue S.

**Site Plan or Photograph:**

View from west.

**Ownership:** Private.

**Type of Section 4(f) resource:** Historic. This building has been determined eligible for listing in the NRHP and is an early example of a large warehouse related to railroad and pier development in the early twentieth century.



**Available activities or functions:** Retail, Office.

**Description and location of all existing and planned facilities:** NA.

**Type of access to the resource:** Access is currently provided from First Avenue S.

**Relationship to other similarly used lands in the vicinity:** NA.

**Applicable clauses affecting the ownership:** None.

**Funding under Section 6(f) of the Land and Water Conservation Fund Act:** None.

**Conclusion regarding Section 4(f) use:** This building is protected by Section 4(f) as a historic resource eligible for listing in the NRHP.

There would be no Section 4(f) use because no part of the structure would be used, nor would the activities, features, or attributes of the Frederick and Nelson Warehouse be substantially impaired by the Project.

## Resource: Bemis Building

**Site Identification No.:** S34

**Location:** This building is located at S. Atlantic Street at E. Marginal Way. The building is shown on Exhibit B-4.

**Address:** 65 S. Atlantic Street.

**Size:** 49,000 square feet.

**Site Plan or Photograph:** View from the northeast.

**Ownership:** Private.

**Type of Section 4(f) resource:** Historic. This building was the manufacturing plant for Bemis Brothers Bag Company for more than 80 years. It has been determined eligible for listing in the NRHP and is important under Criterion C as an example of an early twentieth century industrial building. The main façade is on the north, with a distinctive entry and terra cotta ornament.



**Available activities or functions:** Warehouse, office, live/work studios.

**Description and location of all existing and planned facilities:** NA.

**Applicable clauses affecting the ownership:** None known.

**Funding under Section 6(f) of the Land and Water Conservation Fund Act:** None.

**Conclusion regarding Section 4(f) use:** This building is protected by Section 4(f) as a historic resource eligible for listing in the NRHP. There would be no Section 4(f) use because no part of the structure would be used, nor would the activities, features, or attributes of the Bemis Building be substantially impaired by the Project. Construction of a two-part roadway on Colorado Avenue S. would maintain north- and southbound access to the loading dock. A noise management and monitoring plan with measures such as maximum noise limits, certain hours for noisier construction, and use of Best Management Practices (BMPs) would mitigate noise effects to the Bemis Building during construction.

**Resource:** E.O. Graves Building

**Site Identification No.:** S43

**Location:** First Avenue S. north of S. Royal Brougham Way. The site is shown on Exhibit B-4.

**Address:** 1020-22 First Avenue S.

**Site Plan or Photograph:** View from west.

**Ownership:** Private.

**Type of Section 4(f) resource:** Historic. This building has been determined eligible for listing in the NRHP and is important under Criterion A as an early example of a large warehouse related to railroad and pier development in the early twentieth century.



**Available activities or functions:** Undetermined.

**Description and location of all existing and planned facilities:** NA.

**Type of access to the resource:** Access is currently provided from First Avenue S.

**Relationship to other similarly used lands in the vicinity:** NA.

**Applicable clauses affecting the ownership:** None.

**Funding under Section 6(f) of the Land and Water Conservation Fund Act:** None.

**Conclusion regarding Section 4(f) use:** This building is protected by Section 4(f) as a historic resource eligible for listing in the NRHP.

There would be no Section 4(f) use because no part of the structure would be used, nor would the activities, features, or attributes of the E.O. Graves Building be substantially impaired by the Project.

**Resource:** M.F. Backus Warehouse

**Site Identification No.:** S44

**Location:** First Avenue S. north of S. Royal Brougham Way. The site is shown on Exhibit B-4.

**Address:** 1014 First Avenue S.

**Site Plan or Photograph:** View from west.

**Ownership:** Private.

**Type of Section 4(f) resource:** Historic. This building has been determined eligible for listing in the NRHP and is an early example of a large warehouse related to railroad and pier development in the early twentieth century.



**Available activities or functions:** Printing.

**Description and location of all existing and planned facilities:** NA.

**Type of access to the resource:** Access is currently provided from First Avenue S.

**Relationship to other similarly used lands in the vicinity:** NA.

**Applicable clauses affecting the ownership:** None.

**Funding under Section 6(f) of the Land and Water Conservation Fund Act:** None.

**Conclusion regarding Section 4(f) use:** This building is protected by Section 4(f) as a historic resource eligible for listing in the NRHP.

There would be no Section 4(f) use because no part of the structure would be used, nor would the activities, features, or attributes of the M.F. Backus Warehouse be substantially impaired by the Project.

**Resource:** A.L. Palmer Building

**Site Identification No.:** S45

**Location:** First Avenue S. north of S. Royal Brougham Way. The site is shown on Exhibit B-4.

**Address:** 1000 First Avenue S.

**Site Plan or Photograph:** View from west.

**Ownership:** Private.

**Type of Section 4(f) resource:** Historic. This building is listed in the NRHP. Constructed in 1910, it rose as part of a burgeoning neighborhood of warehouses and small factories south of downtown Seattle. It is one of the largest, and also one of the most carefully detailed and elegantly ornamented warehouse buildings in its vicinity.



**Available activities or functions:** Undetermined.

**Description and location of all existing and planned facilities:** NA.

**Type of access to the resource:** Access is currently provided from First Avenue S.

**Relationship to other similarly used lands in the vicinity:** NA.

**Applicable clauses affecting the ownership:** None.

**Funding under Section 6(f) of the Land and Water Conservation Fund Act:** None.

**Conclusion regarding Section 4(f) use:** This building is protected by Section 4(f) as a historic resource listed in the NRHP.

There would be no Section 4(f) use because no part of the structure would be used, nor would the activities, features, or attributes of the A.L. Palmer Building be substantially impaired by the Project.

## **Resource:** Roebling Building

**Site Identification No.:** S48

**Location:** First Avenue S. north of S. Royal Brougham Way. The site is shown on Exhibit B-4.

**Address:** 900 First Avenue S.

**Site Plan or Photograph:**

View from west.

**Ownership:** Private.

**Type of Section 4(f) resource:** Historic. This building has been determined eligible for listing in the NRHP and is an early example of a large warehouse related to railroad and pier development in the early twentieth century.



**Available activities or functions:** Undetermined.

**Description and location of all existing and planned facilities:** NA.

**Type of access to the resource:** Access is currently provided from First Avenue S.

**Relationship to other similarly used lands in the vicinity:** NA.

**Applicable clauses affecting the ownership:** None.

**Funding under Section 6(f) of the Land and Water Conservation Fund Act:** None.

**Conclusion regarding Section 4(f) use:** This building is protected by Section 4(f) as a historic resource eligible for listing in the NRHP.

There would be no Section 4(f) use because no part of the structure would be used, nor would the activities, features, or attributes of the Roebling Building be substantially impaired by the Project.

**Resource:** WOSCA Freight House

**Site Identification No.:** S50

**Location:** First Avenue S. at Railroad Way. The site is shown on Exhibit B-4.

**Address:** 801 First Avenue S.

**Site Plan or Photograph:**

View from south.

**Ownership:** Private. Leased to WSDOT.

**Type of Section 4(f) resource:** Historic. This building (not the altered freight shed) has been determined eligible for listing in the NRHP and is important under Criterion A as one of the last and most intact of the numerous railroad freight houses that once determined the character of this area.



**Available activities or functions:** Office.

**Description and location of all existing and planned facilities:** NA.

**Type of access to the resource:** Access is currently provided from S. Dearborn Street, immediately north of the property.

**Usage:** Office and parking.

**Relationship to other similarly used lands in the vicinity:** NA.

**Applicable clauses affecting the ownership:** None.

**Funding under Section 6(f) of the Land and Water Conservation Fund Act:** None.

**Conclusion regarding Section 4(f) use:** This building is protected by Section 4(f) as a historic resource eligible for listing in the NRHP.

There would be no Section 4(f) use because no part of the structure would be used, nor would the activities, features, or attributes of the WOSCA Freight House be substantially impaired by the Project.

## **Resource:** Triangle Hotel (Flatiron Building)

**Site Identification No.:** S57

**Location:** First Avenue S. at the northwest corner of Railroad Way S. The building is shown on Exhibit B-4.

**Address:** 551 First Avenue S., Seattle, WA 98104.

**Size:** The building footprint is about 6,400 square feet.

**Site Plan or Photograph:** View from southeast.

**Ownership:** Private.

**Type of Section 4(f) resource:**  
Historic: In the NRHP. Within Pioneer Square National Historic District. Built in 1909 by real estate magnate Victor Hugo Smith. The ground floor remained the Triangle Bar until Western Union Telegraph Company located its "C" Branch here from 1929 until 1954. Today the building is a tavern on the first floor and residences above.



**Available activities or functions:** Retail, residential.

**Description and location of all existing and planned facilities:** NA.

**Applicable clauses affecting the ownership:** None known.

**Funding under Section 6(f) of the Land and Water Conservation Fund Act:** None.

**Conclusion regarding Section 4(f) use:** This building is protected by Section 4(f) as a historic resource listed in the NRHP.

There would be no Section 4(f) use because no part of the site would be used, nor would the activities, features, or attributes of the Triangle Hotel be substantially impaired by the Project.

**Resource:** The Pioneer Square National Historic District

**Site Identification No.:** Numerous (see Exhibit B-4)

**Location:** Along Alaskan Way, First Avenue S., S. Jackson Street, and S. King Street within the Pioneer Square National Historic District.

**Addresses:**

Numerous (see Exhibit B-5)

Buildings within the Pioneer Square National Historic District



**Size:** NA.

**Ownership:** Private.

**Type of Section 4(f) resource:** Historic, in Pioneer Square National Historic District.

**Available activities or functions:** Retail, restaurant, office, and residential.

**Description and location of all existing and planned facilities:** NA.

**Type of access to the resource:** Access is available along Alaskan Way S., First Avenue S., S. Jackson Street, and S. King Street.

**Relationship to other similarly used lands in the vicinity:** NA.

**Applicable clauses affecting the ownership:** None.

**Funding under Section 6(f) of the Land and Water Conservation Fund Act:** None.

**Conclusion regarding Section 4(f) use:** These resources are protected by Section 4(f) as historic resources within a national and local historic district. There would be no Section 4(f) use because no part of any building would be used, nor would the activities, features, or attributes of these buildings be substantially impaired by the Project. Traffic within the historic district would not substantially increase as a result of the Project.

## **Other Historic Resources within the APE**

For historic resources not affected by the Project, a streamlined presentation is provided in Exhibit B-5 because of the great number of potential resources. The evaluation of potential historic resources included resources of 40 or more years of age. Each of these was evaluated in accordance with the requirements for inclusion in the NRHP.

Exhibit B-5 includes a listing of all historic resources that are determined eligible for the NRHP together with a summary description of potential effects.

The evaluation sheets for each historic resource are available for review at the Alaskan Way Viaduct Project Office.

**Exhibit B-5. Historic Resources Evaluated Relative to the Requirements of Section 4(f)**

Map Code Number	Section 4(f) Resource Description					
	Location	Facility Name	Owner	Section 4(f) Status	Primary Use	Potential Effects
S32	1518 First Ave. S.	Bogart Golf (Frederick & Nelson Warehouse)	Private	Determined eligible NRHP	Retail	No use or substantial impairment; proximity effects are unlikely
S34	55-65 S. Atlantic St.	Bemis Building	Private	Determined eligible NRHP	Offices, studios	No use; significant proximity effects are unlikely
S43	1020-22 First Ave. S.	E.O. Graves Building	Private	Determined eligible NRHP	Undetermined	No use or substantial impairment; proximity effects are unlikely
S44	1014 First Ave. S.	Olympic Reprographics (M.F. Backus Warehouse)	Private	Determined eligible NRHP	Printing	No use or substantial impairment; proximity effects are unlikely
S45	1000 First Ave. S.	A.L. Palmer Building	Private	NRHP listed	Undetermined	No use or substantial impairment; proximity effects are unlikely
S48	900 First Ave. S.	Roebing Building	Private	Determined eligible NRHP	Undetermined	No use or substantial impairment; proximity effects are unlikely
S50	801 First Ave. S.	WOSCA (Oregon & Washington RR Freight Station/Union Pacific House)	WSDOT	Determined eligible NRHP	Office	No use; potential for damage during construction mitigated by normal practices
S57	551 First Ave. S.	Triangle Hotel (Flatiron Building)	Private	NRHP listed, PSHD	Retail	No use; potential for damage during construction mitigated by normal practices

NRHP = National Register of Historic Places

PSHD = Pioneer Square National Register Historic District

**Exhibit B-6. Resources within Pioneer Square Historic District and Project APE Evaluated Relative to the Requirements of Section 4(f)**

Section 4(f) Resource Description					
Location	Facility Name	Owner	Section 4(f) Status	Primary Use	Potential Effects
590 First Ave. S./ 589 Occidental Ave. S.	Seattle Plumbing Company	Private	PSHD	Undetermined	No use; significant proximity effects are unlikely
568 First Ave. S.	Provident Building	Private	PSHD	Undetermined	No use; significant proximity effects are unlikely
562 First Ave. S.	The Copy Machine (Bornstein's & Sons)	Private	PSHD	Undetermined	No use or substantial impairment; proximity effects are unlikely
558 First Ave. S.	Fobes Supply Co.	Private	PSHD	Undetermined	No use or substantial impairment; proximity effects are unlikely
551 First Ave. S.	Triangle Hotel (Flatiron Building)	Private	NRHP listed, PSHD	Retail	No use; potential for damage during construction mitigated by normal practices
548 First Ave. S.	Nordic Cold Storage Building	Private	PSHD	Undetermined	No use or substantial impairment; proximity effects are unlikely
542 First Ave. S.	Nordic Building	Private	PSHD	Undetermined	No use or substantial impairment; proximity effects are unlikely
538 First Ave. S.	Sluggers (Kaufman Warehouse)	Private	PSHD	Undetermined	No use or substantial impairment; proximity effects are unlikely
526 First Ave. S.	Florentine Condominiums	Private	PSHD	Residential	No use or substantial impairment; proximity effects are unlikely
501 First Ave. S.	Seattle Physical Therapy (Seattle Hardware Annex)	Private	PSHD	Undetermined	No use; significant proximity effects are unlikely
500 1 <sup>st</sup> Ave. S.	101 King Street (Norfin Building)	Private	PSHD	Undetermined	No use; significant proximity effects are unlikely
83 S. King St.	83 King Street (Seattle Hardware Co.)	Private	PSHD	Office	No use; significant proximity effects are unlikely
83 S. King St.	Garage	Private	PSHD	Garage	No use; significant proximity effects are unlikely
410 Alaskan Way S.	Merrill Place Garage	Private	PSHD	Garage	No use; significant proximity effects are unlikely
419 First Ave. S.	Merrill Place (Hambach Building)	Private	PSHD	Undetermined	No use; significant proximity effects are unlikely
411 First Ave. S.	Merrill Place (M. Seller Building)	Private	PSHD	Undetermined	No use; significant proximity effects are unlikely

Exhibit B-6. Resources within Pioneer Square Historic District and Project APE Evaluated Relative to the Requirements of Section 4(f)  
(continued)

Section 4(f) Resource Description					
Location	Facility Name	Owner	Section 4(f) Status	Primary Use	Potential Effects
401 First Ave. S.	Merrill Place (Schwabacher Hardware Co.)	Private	PSHD	Undetermined	No use; significant proximity effects are unlikely
304 Alaskan Way S.	(Otto Sturham & Sons)	Private	PSHD	Undetermined	No use; significant proximity effects are unlikely
83 S. Jackson St.	Merrill Place (Schwabacher Hardware Annex)	Private	PSHD	Undetermined	No use; significant proximity effects are unlikely

NRHP = National Register of Historic Places

PSHD = Pioneer Square National Register Historic District

## References

- Arnesen, J. 2006. Personal communication (phone conversation) of April 26, 2006. Project Manager, West Thomas Street Overpass, Seattle Department of Transportation, Seattle, Washington.
- City of Seattle. 1983. Determination of Eligibility form for the Great Northern Railway Tunnel.
- ConsultEcon, Inc. 2001. Market and operating potential of the new Pacific Northwest Aquarium. Prepared for the Seattle Aquarium Society, Seattle, Washington.
- Greer, R. 2006. Personal communication of January 17, 2006. Senior vice president, Tillicum Village and Tours, Seattle, Washington.
- Kristin, M. 2003. Personal communication of December 10, 2003. Port of Seattle, Real Estate Division.
- Lagerwey, P. 2002. Personal communication (email) of April 23, 2002. Bicycle and Pedestrian Program Supervisor, Seattle Department of Transportation, Seattle, Washington.
- McKaughlin, W. 2006. Personal communication (phone conversation) of February 17, 2006. Washington State Parks, Olympia, Washington.
- Pease, R. 2006. Personal communication (phone conversation) of January 17, 2006. Argosy Tours, Seattle, Washington.
- Ruppert, P. 2006. Personal communication (phone conversation) of January 17, 2006. Washington State Parks, Olympia, Washington.
- Woodland, M. 2003. Personal communication of December 5, 2003. City of Seattle Parks & Recreation Department, Seattle, Washington.
- WSDOT (Washington State Department of Transportation). 2002. Annual Washington State Ferries Traffic Statistics. Available at: [http://www.wsdot.wa.gov/ferries/traffic\\_stats/annualpdf/2002.pdf](http://www.wsdot.wa.gov/ferries/traffic_stats/annualpdf/2002.pdf). Accessed April 26, 2006.

**Part C**

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**Section 106 Historic Resource Inventory Forms**

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The Section 106 Historic Resource Inventory Forms are available for review at the Alaskan Way Viaduct Project Office.

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