

Federal Way Link Extension

Draft Environmental Impact Statement

HISTORIC AND ARCHAEOLOGICAL TECHNICAL REPORT

Appendix G4



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Federal Way Link Extension

Historic and Archaeological Technical Report

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Sound Transit

Prepared by:
HDR Engineering, Inc. and
CH2M HILL

April 2015

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Contents

Acronyms and Abbreviations	v
1.0 Introduction.....	1-1
2.0 Laws and Authorities	2-1
2.1 Federal Laws and Authorities	2-1
2.2 Washington State Laws.....	2-1
2.3 Local Regulations	2-2
3.0 Methods	3-1
3.1 Area of Potential Effects	3-1
3.2 Data Collection.....	3-3
3.3 Archaeology	3-3
3.4 Buildings and Structures	3-4
3.5 Evaluation of NRHP Eligibility	3-5
3.6 Approach to Effects Analysis.....	3-5
3.7 Determining Potential Mitigation Measures	3-6
4.0 Agency and Tribal Consultation	4-1
5.0 Environmental Context	5-1
5.1 Natural Setting	5-1
5.2 Geomorphic Setting	5-1
6.0 Cultural Context.....	6-1
6.1 Previous Cultural Resource Studies	6-1
6.2 Prehistory.....	6-2
6.3 Ethnography.....	6-5
6.4 History	6-6
7.0 Affected Environment.....	7-1
7.1 Archaeological Properties	7-1
7.2 Traditional Cultural Properties	7-1
7.3 Historic Buildings and Structures.....	7-1
8.0 Environmental Effects.....	8-1
8.1 Archaeological Sites	8-1
8.2 Traditional Cultural Properties	8-1
8.3 Historic Buildings and Structures.....	8-1
9.0 Potential Mitigation Measures	9-1
9.1 Archaeological Sites	9-1
9.2 Historic Buildings and Structures.....	9-1
10.0 Cumulative Effects	10-1
11.0 References.....	11-1

Appendices (on CD and website)

- A Archaeological Survey Maps
- B All Recorded Properties Spreadsheet
- C Mapped Locations of All Parcels Surveyed for Built Environment Resources
- D Agency and Tribal Consultation Letters
- E Historic Property Inventory Forms

Tables

4-1	Consultation Summary to Date.....	4-1
6-1	Previous Cultural Resource Investigations within the 0.8-km (0.5-mi) Study Area	6-1
7-1	Built Environment Resources Previously Recorded in the APE	7-2
7-2	NRHP Eligible Built Environment Resources Recorded in the APE	7-3
8-1	Historic Properties Impacted by the FWLE Alternatives and the Corresponding Finding of Effect	8-2

Exhibits

1-1	Project Vicinity	1-3
3-1	APE Map.....	3-2
7-1	Location of Historic Properties in the APE.....	7-4

Acronyms and Abbreviations

ac	acre
AIA	American Institute of Architects
APE	Area of Potential Effects
BP	before the present
ca.	circa
CFR	<i>Code of Federal Regulations</i>
cm	centimeter
DAHP	Department of Archaeology and Historic Preservation
EIS	environmental impact statement
FHWA	Federal Highway Administration
ft	foot/feet
ft ²	square foot/feet
FWLE	Federal Way Link Extension
FTA	Federal Transit Administration
HC	Highline College
HPA	high probability area
HPI	historic property inventory
I-5	Interstate 5
km	kilometer
km ²	square kilometer
m	meter
m ²	square meter
mi	mile
mi ²	square mile
NEPA	National Environmental Policy Act of 1969
NHPA	National Historic Preservation Act of 1966
NRHP	National Register of Historic Places

RCW	Revised Code of Washington
Sea-Tac Airport	Seattle-Tacoma International Airport
SEPA	State Environmental Policy Act
SHPO	State Historic Preservation Officer
SR	State Route
TCP	traditional cultural property
U.S.	United States
USC	<i>United States Code</i>
WAC	Washington Administrative Code
WHR	Washington Heritage Register
WISAARD	Washington Information System for Architectural and Archaeological Records Data

1.0 Introduction

This Historic and Archaeological Technical Report presents the results of the cultural resources survey for the Federal Way Link Extension (FWLE). The Federal Transit Administration (FTA) and Sound Transit propose to extend the Sound Transit Link light rail system from SeaTac to the cities of Des Moines, Kent, and Federal Way in King County, Washington. The project improvements for the FWLE would include extending the light rail from the future Angle Lake light rail station at S 200th Street, to the Federal Way Transit Center area in Federal Way. The project corridor is approximately 12 kilometers (km) (7.6 miles [mi]) long and parallels State Route 99 (SR 99) and Interstate 5 (I-5) (Exhibit 1-1).

This study of potential historical and archaeological sites in the FWLE vicinity was undertaken in accordance with Section 106 of the National Historic Preservation Act of 1966 (16 *United States Code* [USC] 470) (NHPA). Existing site records and literature were reviewed to determine if any archaeological resources or historic built environment resources were located within the Area of Potential Effects (APE). The FWLE's built environment APE includes areas that fall within 61 meters (m) (200 feet [ft]) of the project alternative long-term footprint, including stations, parking, ancillary facilities and road improvements. The FWLE APE for archaeology is limited to those areas within the 200-foot boundary that would experience ground disturbance. On December 30, 2013, the Washington State Department of Archaeology and Historic Preservation (DAHP) concurred with the proposed APE. Additional research was completed using DAHP's Washington Information System for Architectural and Archaeological Records Data (WISAARD) database to determine previous cultural resource investigations and previously identified archaeological sites and built environment resources within the APE.

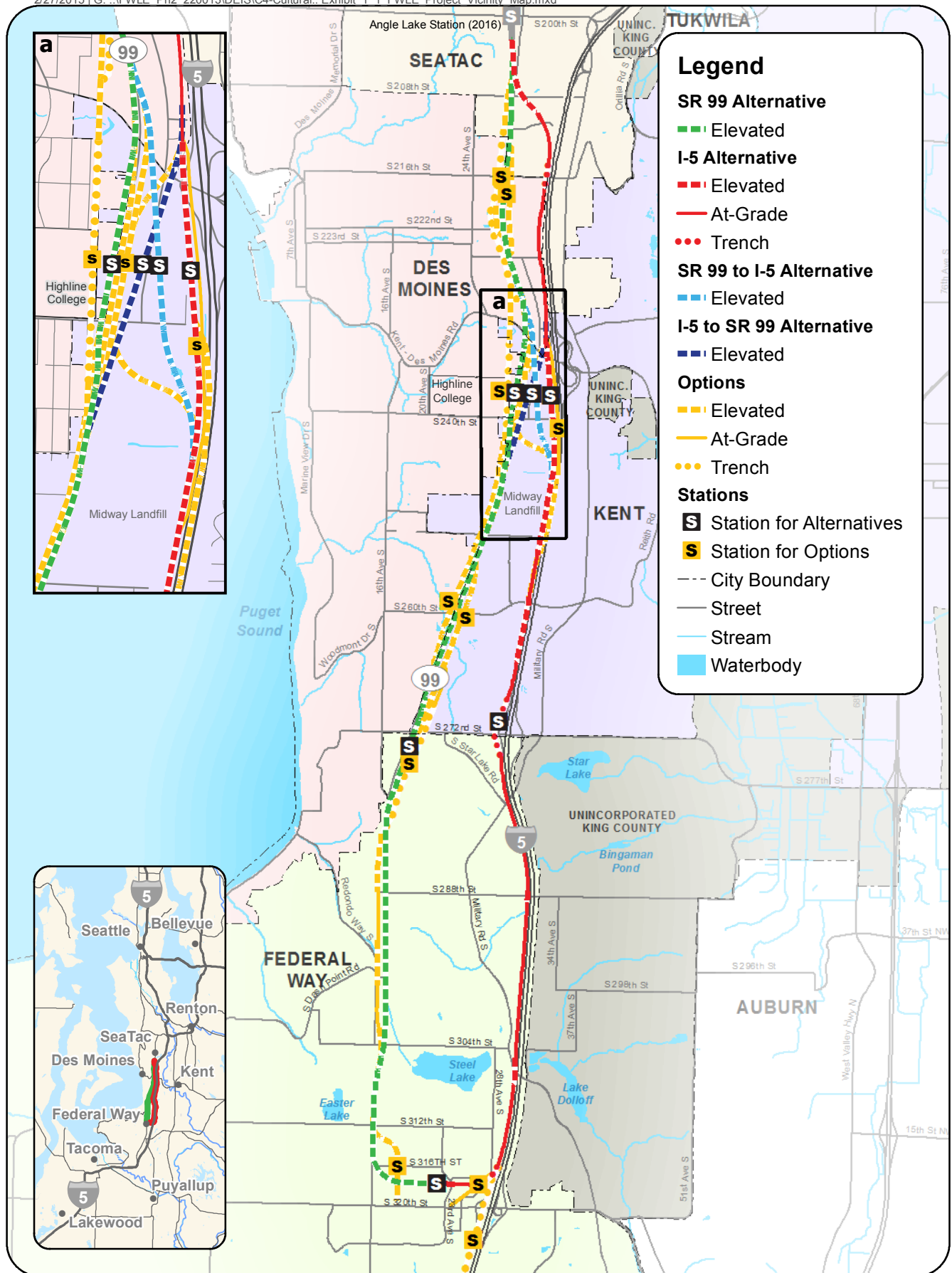
Historic properties include districts, sites, buildings, structures, objects, and landscapes significant in American history and prehistory. A Phase I reconnaissance-level archaeological survey and an intensive pedestrian architectural survey were completed. Phase I fieldwork for archaeological resources included a reconnaissance survey of publicly owned portions of the footprint of the design alternatives that are not covered in impervious surfaces. The archaeological investigation encountered no archaeological sites. The built environment field survey encompassed standing structures built in or before 1970. All properties were evaluated to determine if they were eligible for listing in the National Register of Historic Places (NRHP) and the Washington Heritage Register (WHR). Properties in the cities of Des Moines and Kent were also evaluated for potentially meeting the King County landmark designation criteria. The evaluations concluded that there are 11 historic buildings in the APE that are eligible for listing in the NRHP/WHR. Nine of these buildings are recommended as meeting the King County landmark designation criteria.

This technical report includes a discussion of historic and archaeological resource laws and authorities in Section 2.0 and the methodology for field investigations in Section 3.0. Section 4.0 outlines the consultation that occurred between FTA, Sound Transit, interested Indian Tribes, and the Washington State Historic Preservation Officer (SHPO) at DAHP. Sections 5.0 and 6.0 provide information on the

natural setting and cultural context of the study area, respectively. Information about the affected environment, including results of the archaeological and built environment surveys, is provided in Section 7.0.

Potential environmental effects are discussed in Section 8.0 and Section 9.0 presents potential mitigation measures. Cumulative effects are discussed in Section 10.0. All references for this report are provided in Section 11.0. Five appendices are included with this report:

- A. Archaeological survey maps and table
- B. A table of all historic built environment resources surveyed
- C. A map showing the location and NRHP-eligibility determination of all built environment resources surveyed
- D. Agency and tribal consultation documentation
- E. Electronic versions of all completed Washington Historic Property Inventory (HPI) forms on a CD



Data Sources: King County, Cities of Des Moines, Federal Way, Kent, SeaTac (2013).

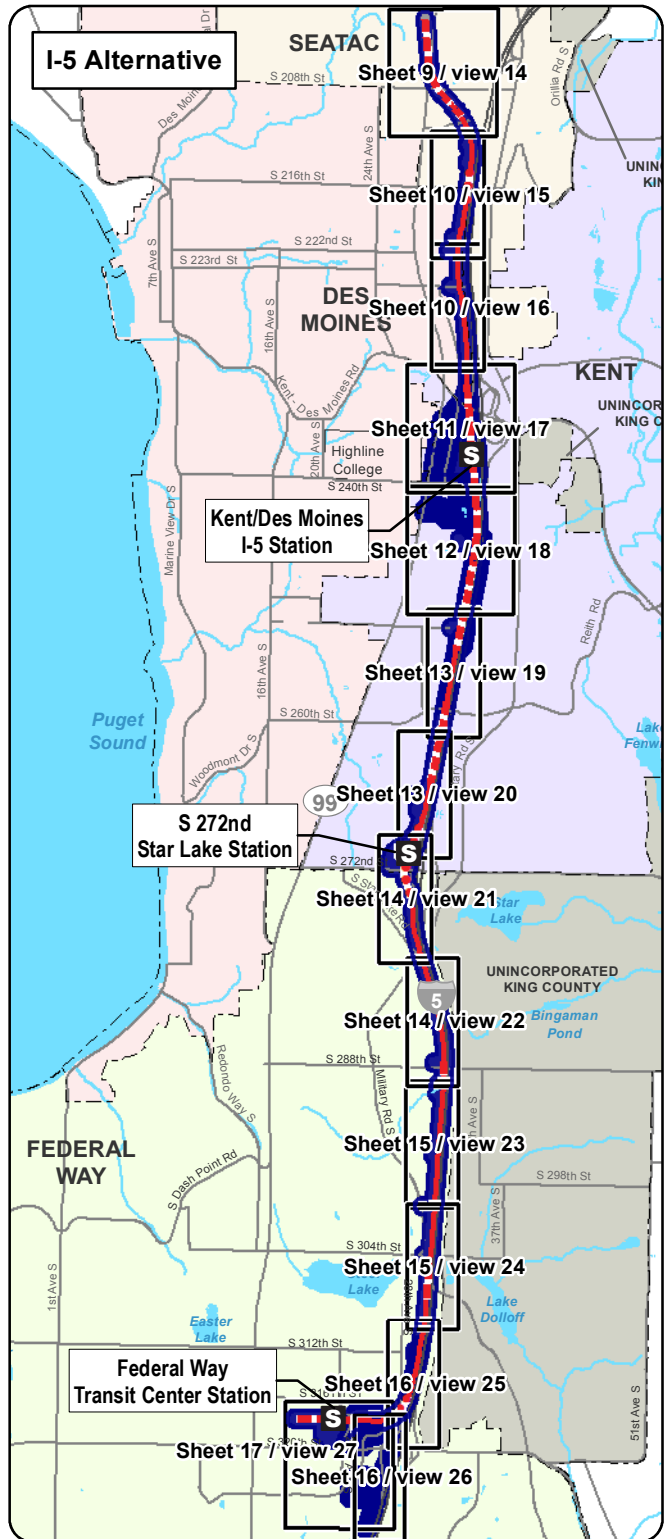
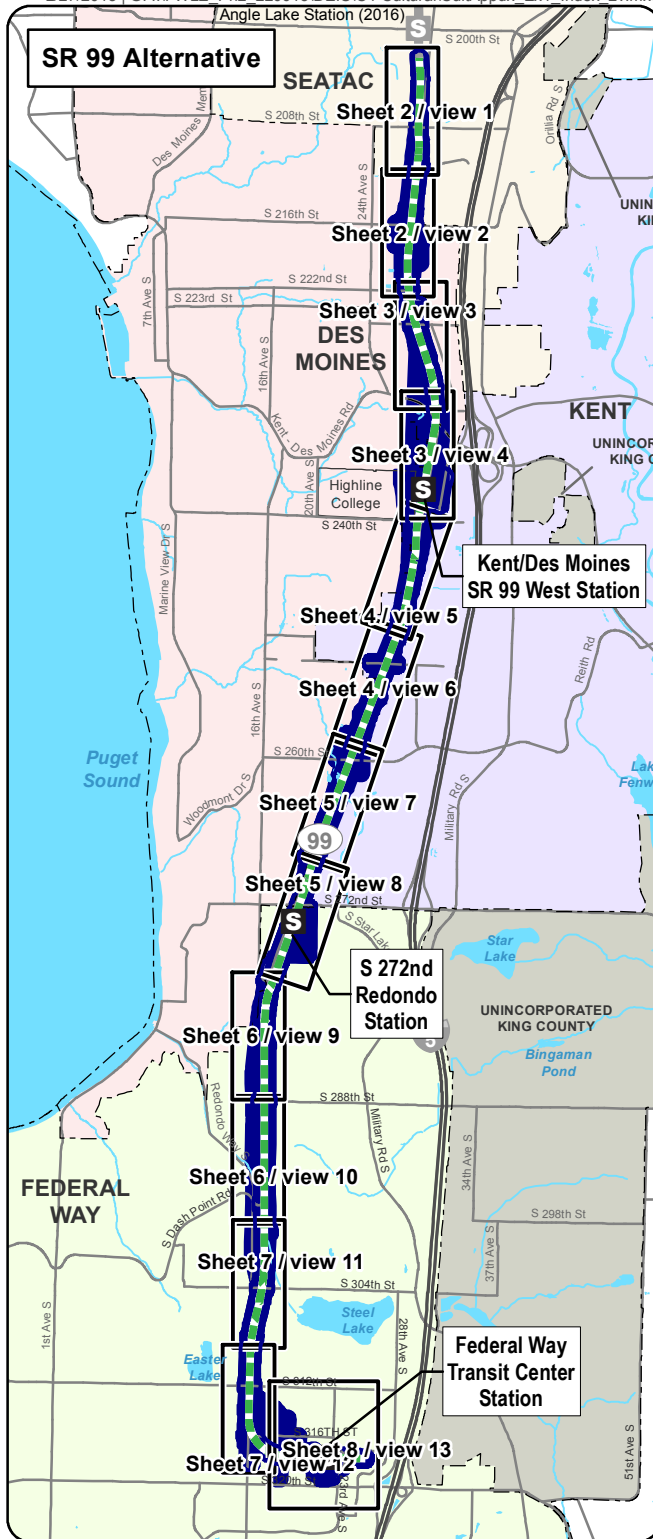
EXHIBIT 1-1
Project Vicinity



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Appendix C
Mapped Locations of All Parcels Surveyed for Built
Environment Resources

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SR 99 Alternative

— Elevated

I-5 Alternative

— Elevated

— At-Grade

••• Trench

S Station

APE (Area of Potential Effects)

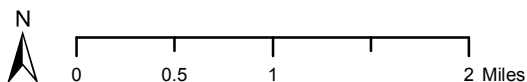
--- City Boundary

— Street

— Stream

□ View Area

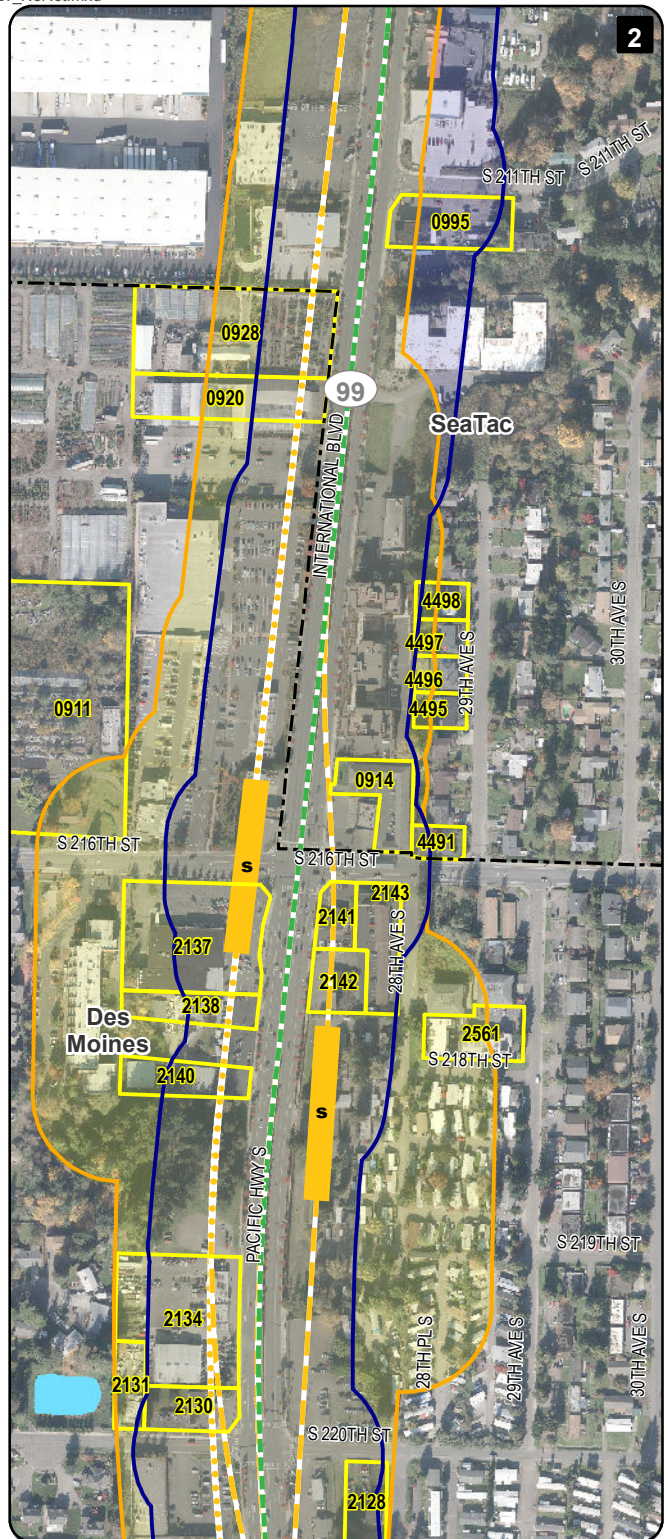
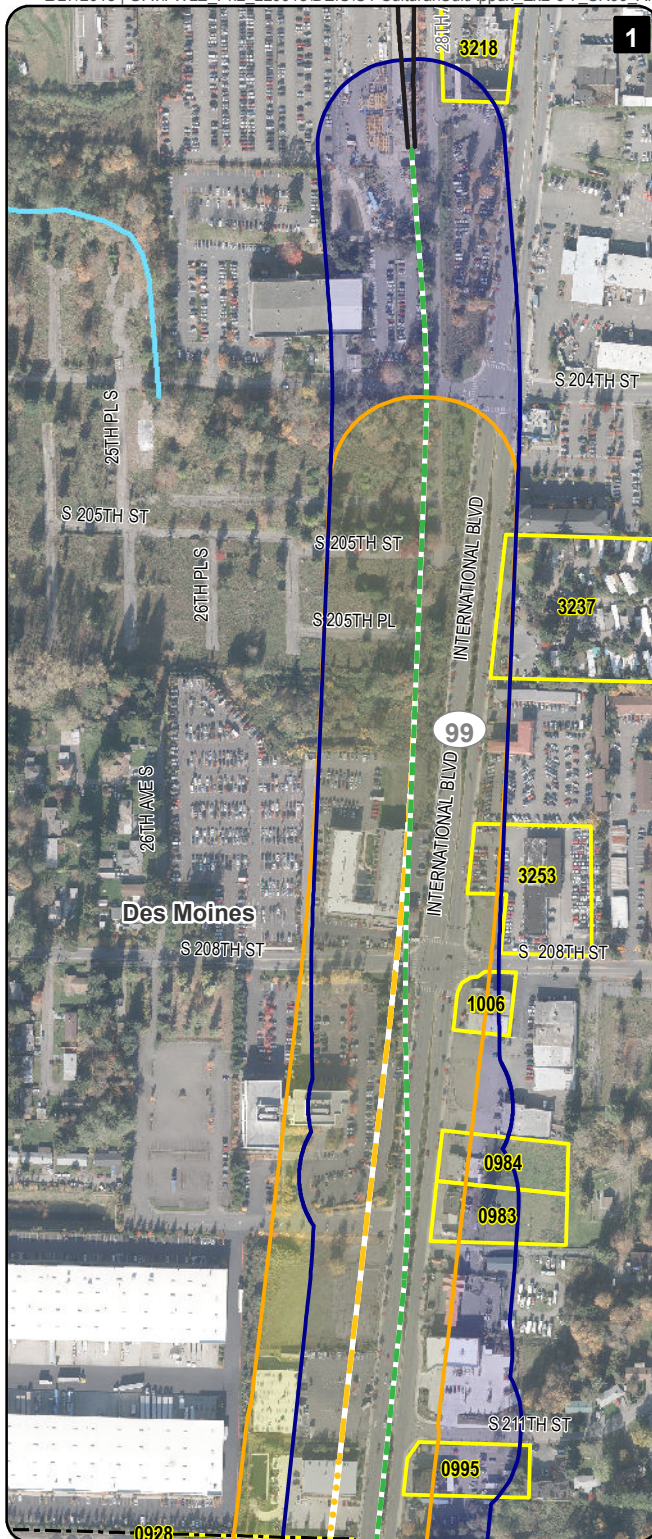
Data Sources: King County, Cities of Des Moines, Federal Way, Kent, SeaTac (2013).



Appendix C: 1 of 19 Mapped Locations of All Parcels Surveyed for Built Environment Resources

SR 99 and I-5 Alternative Index

Federal Way Link Extension



LEGEND

SR 99 Alternative Options

--- Elevated

[S] Station

Options

--- Elevated

--- At-Grade

--- Trench

[S] Station

[Yellow Box] Surveyed Property

[Pink Box] NRHP-Eligible Property

[Blue Box] APE for Alternative (Area of Potential Effects)

[Orange Box] APE for Options (Area of Potential Effects)

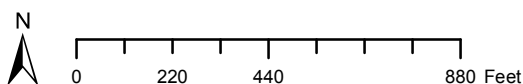
--- City Boundary

--- Stream

[Light Blue Box] Waterbody

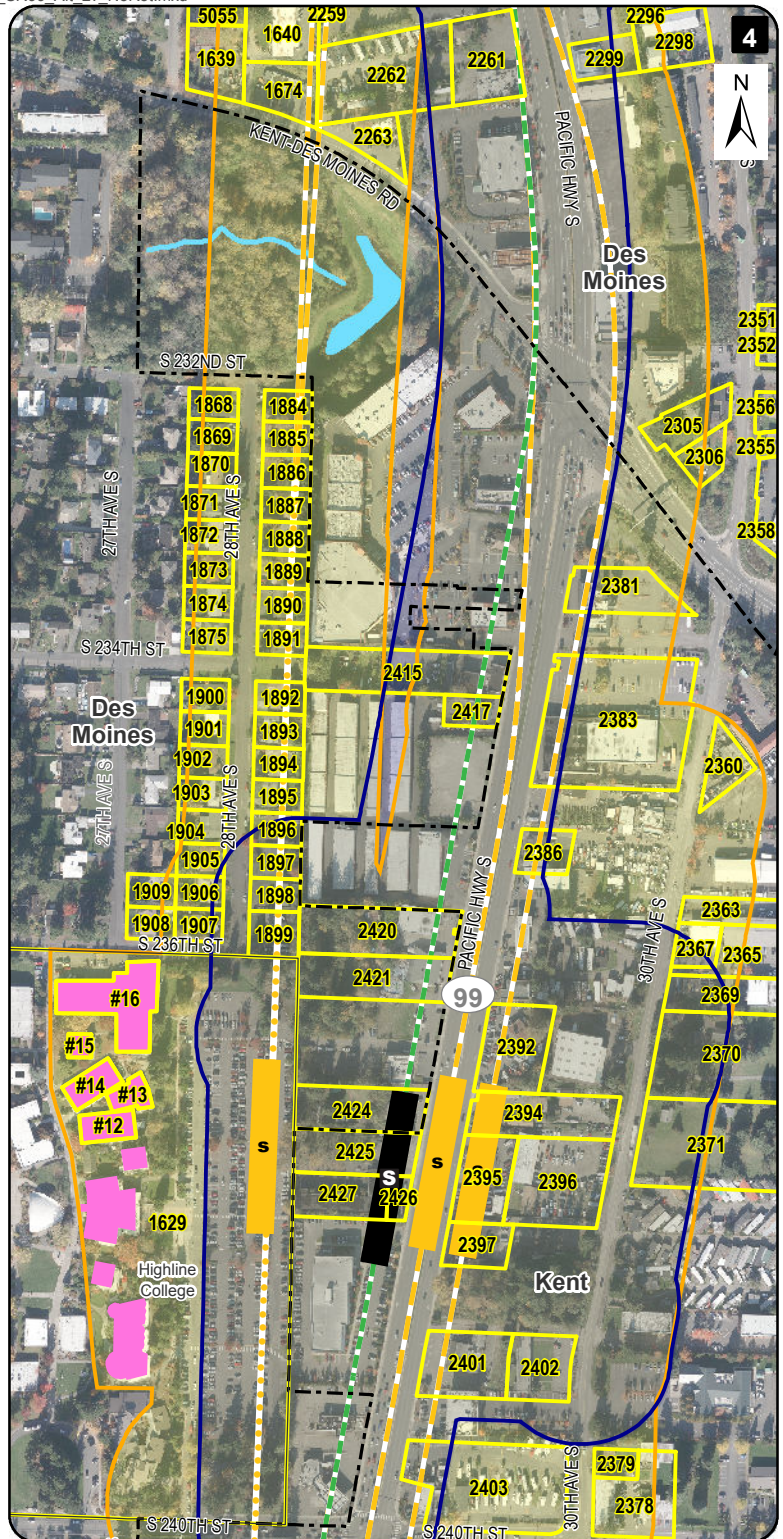
[Green Box] Park / Open Space

Data Sources: AeroMetric, King County, Cities of Des Moines, SeaTac (2013).



Appendix C: 2 of 19 Mapped Locations of All Parcels Surveyed for Built Environment Resources SR 99 Alternative and Options

Federal Way Link Extension



LEGEND

SR 99 Alternative Options

--- Elevated

[S] Station

Options

--- Elevated

--- At-Grade

--- Trench

[S] Station

[Yellow Outline] Surveyed Property

[Pink Outline] NRHP-Eligible Property

[Blue Outline] APE for Alternative (Area of Potential Effects)

[Orange Outline] APE for Options (Area of Potential Effects)

--- City Boundary

[Blue Line] Stream

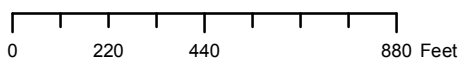
[Light Blue Area] Waterbody

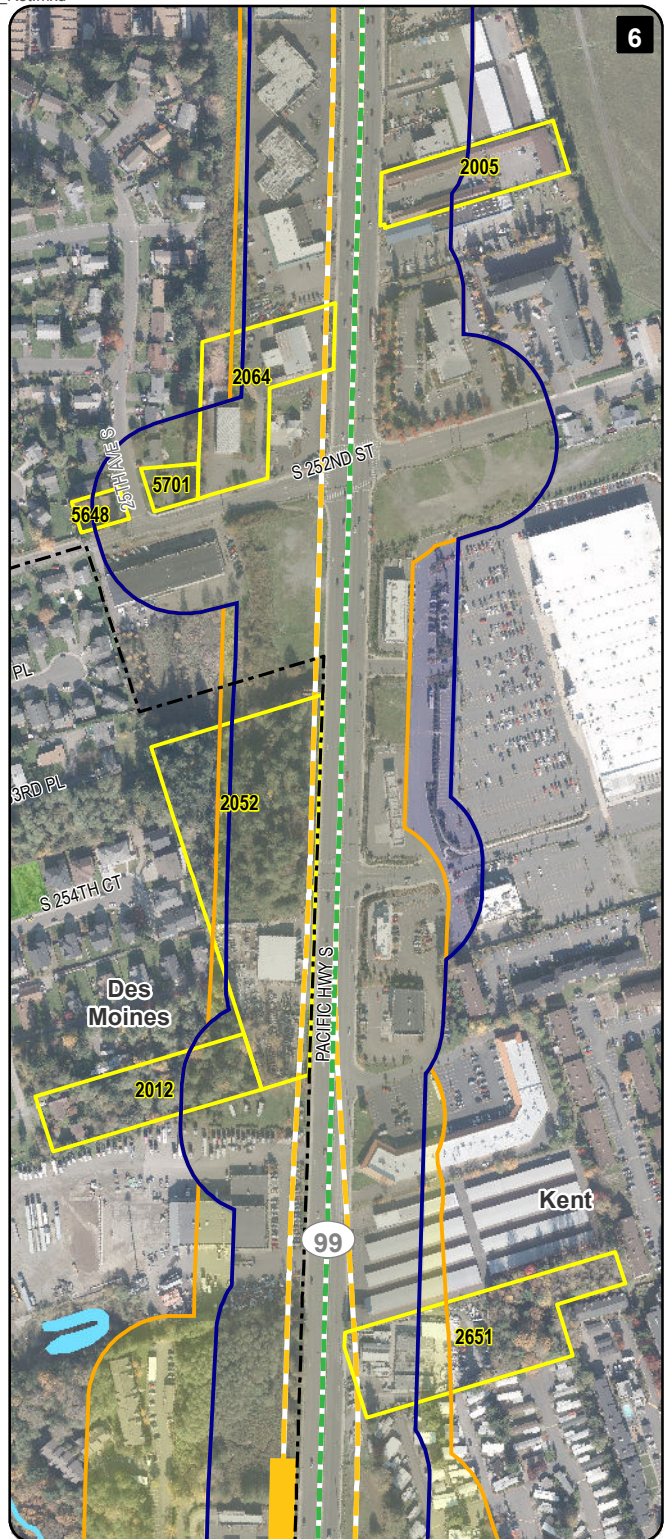
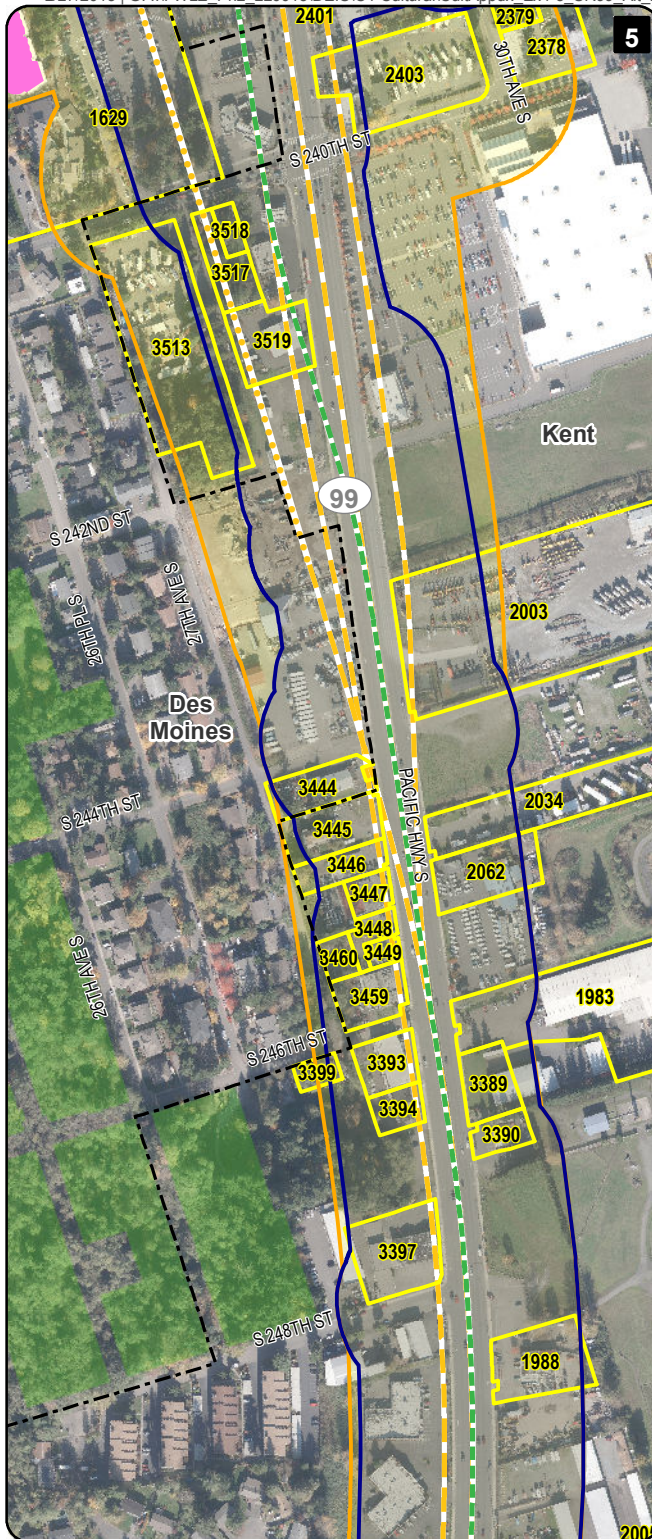
[Green Area] Park / Open Space

Data Sources: AeroMetric, King County, Cities of Des Moines, Kent (2013).

Appendix C: 3 of 19 Mapped Locations of All Parcels Surveyed for Built Environment Resources SR 99 Alternative and Options

Federal Way Link Extension





LEGEND

SR 99 Alternative Options

--- Elevated

[S] Station

Options

--- Elevated

--- At-Grade

--- Trench

[S] Station

[Yellow Outline] Surveyed Property

[Pink Outline] NRHP-Eligible Property

[Blue Outline] APE for Alternative (Area of Potential Effects)

[Orange Outline] APE for Options (Area of Potential Effects)

--- City Boundary

[Blue Line] Stream

[Light Blue Area] Waterbody

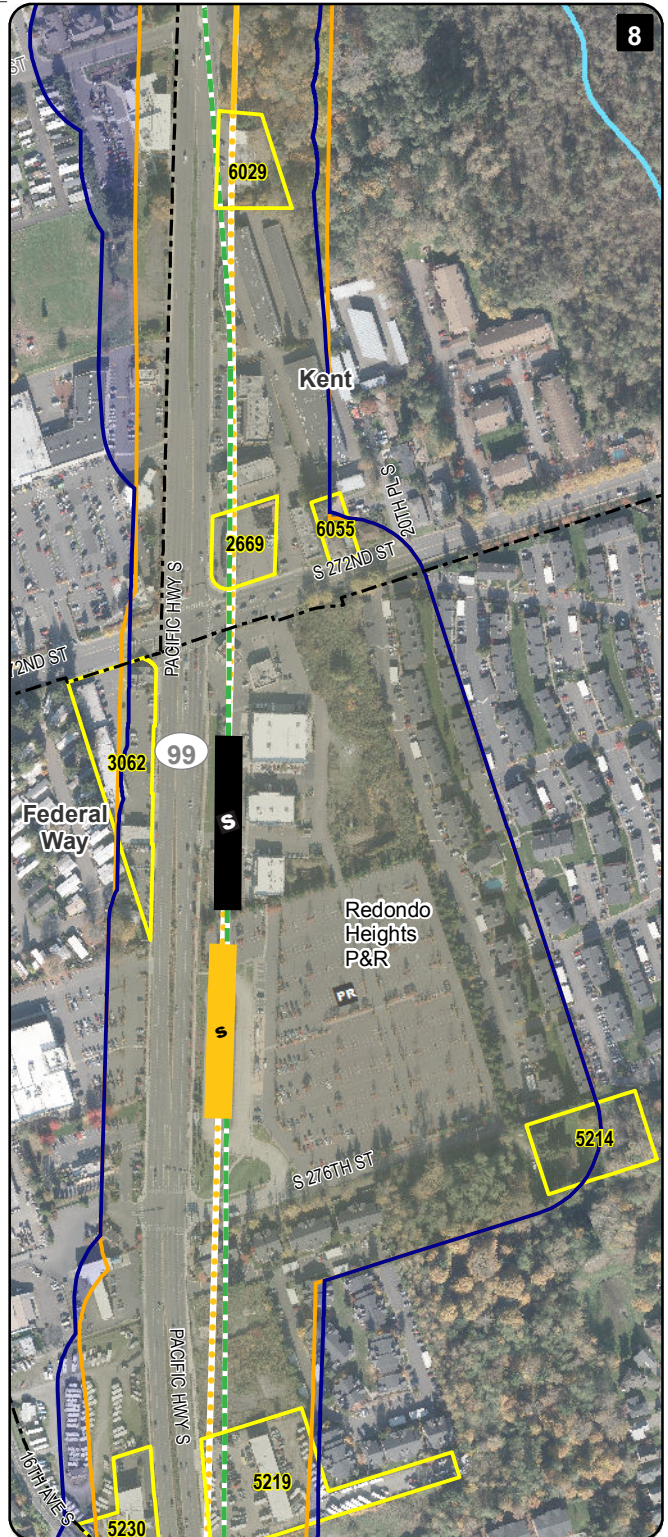
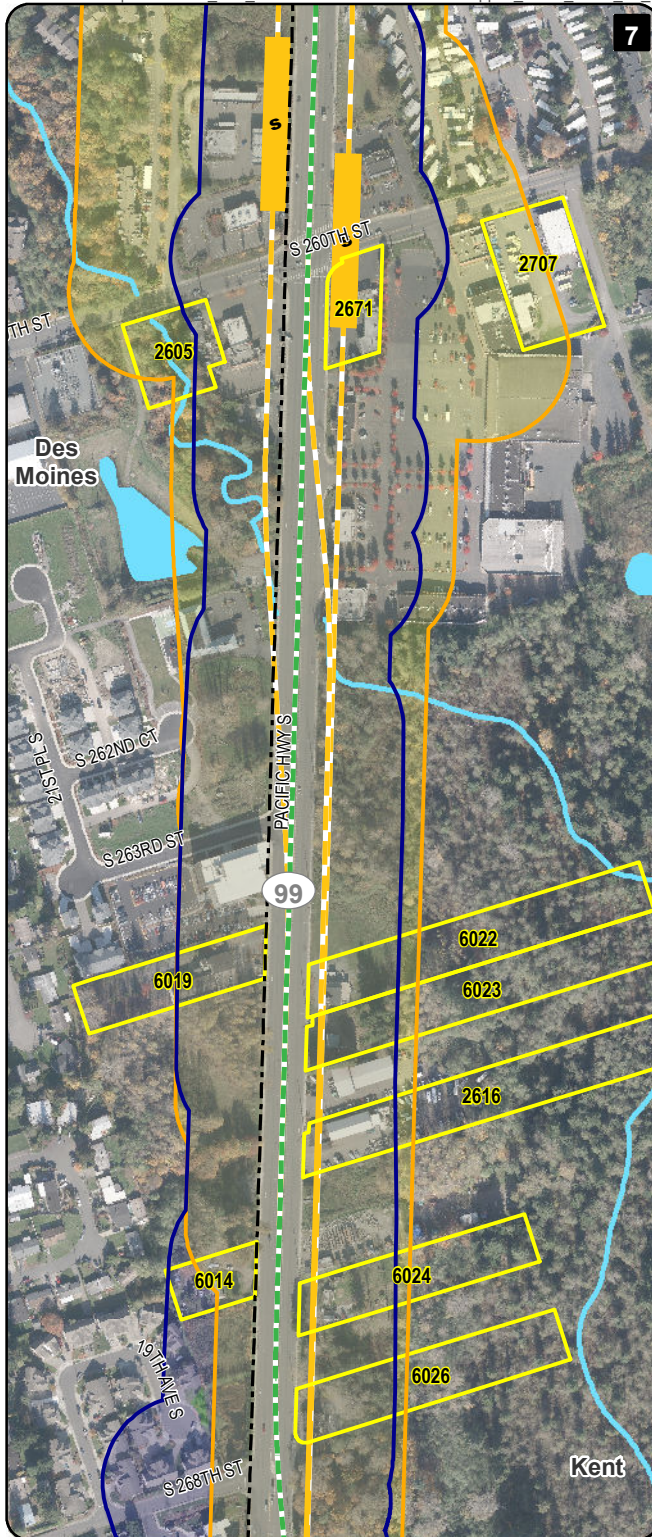
[Green Area] Park / Open Space

Data Sources: AeroMetric, King County, Cities of Des Moines, Kent (2013).



Appendix C: 4 of 19 Mapped Locations of All Parcels Surveyed for Built Environment Resources SR 99 Alternative and Options

Federal Way Link Extension



LEGEND

SR 99 Alternative Options

--- Elevated

[S] Station

Options

--- Elevated

--- At-Grade

--- Trench

[S] Station

[Yellow Outline] Surveyed Property

[Pink Outline] NRHP-Eligible Property

[Blue Outline] APE for Alternative (Area of Potential Effects)

[Green Outline] APE for Options (Area of Potential Effects)

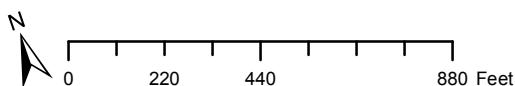
--- City Boundary

[Blue Line] Stream

[Light Blue Area] Waterbody

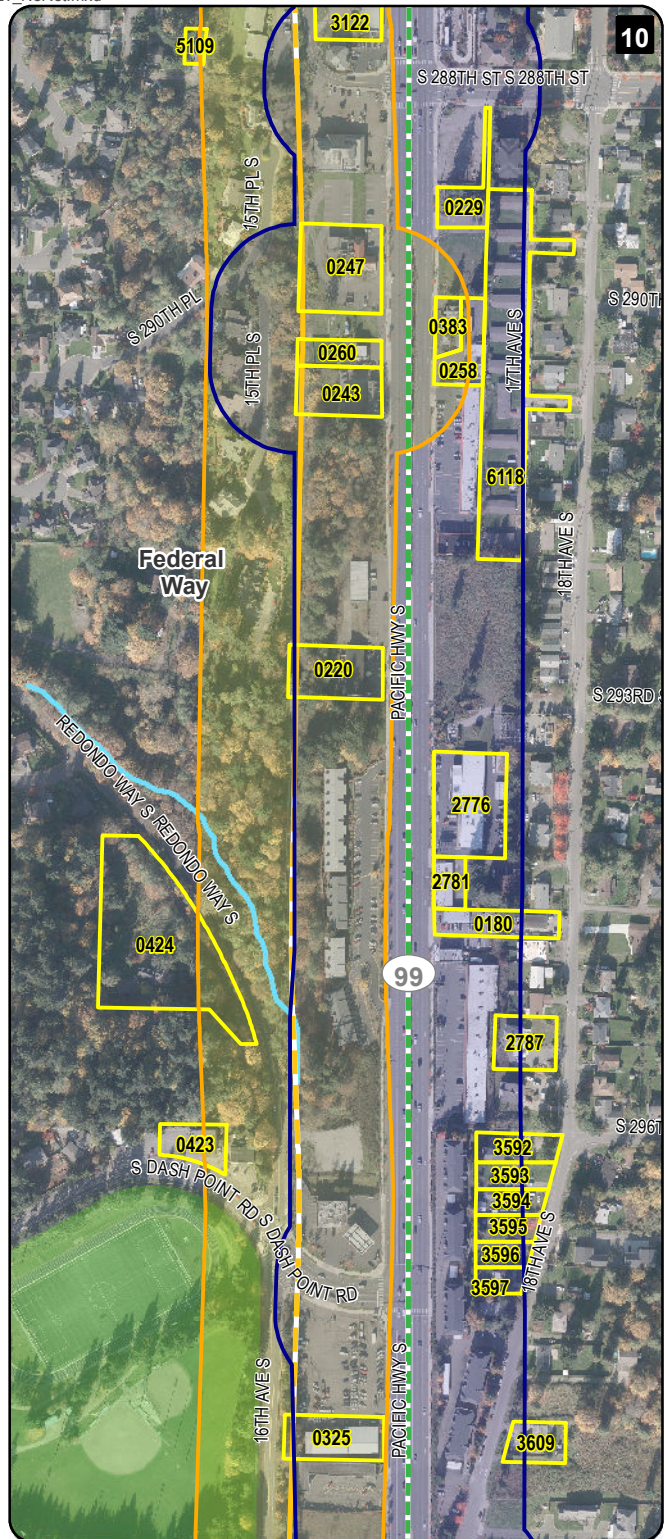
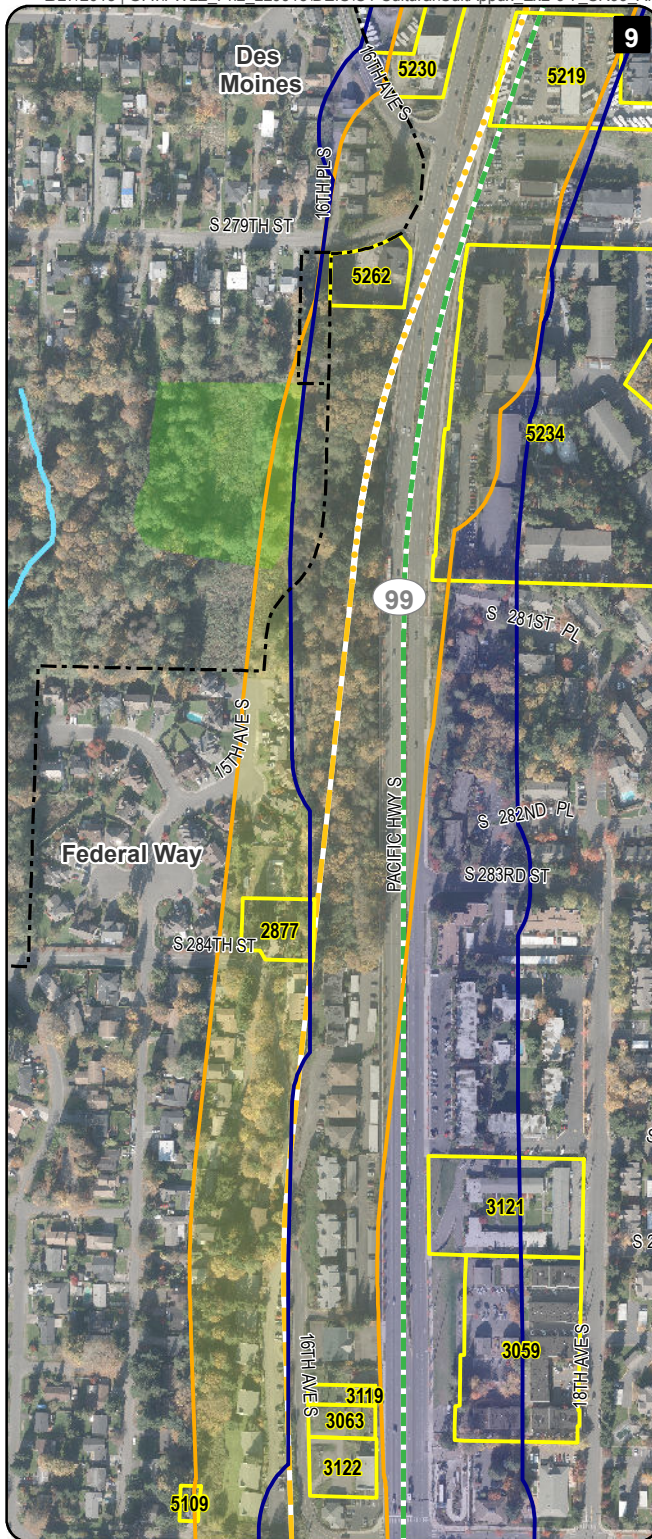
[Green Area] Park / Open Space

Data Sources: AeroMetric, King County, Cities of Des Moines, Federal Way, Kent (2013).



Appendix C: 5 of 19 Mapped Locations of All Parcels Surveyed for Built Environment Resources SR 99 Alternative and Options

Federal Way Link Extension



LEGEND

SR 99 Alternative Options

--- Elevated

[S] Station

Options

--- Elevated

--- At-Grade

--- Trench

[S] Station

[Yellow Outline] Surveyed Property

[Pink Outline] NRHP-Eligible Property

[Blue Outline] APE for Alternative (Area of Potential Effects)

[Orange Outline] APE for Options (Area of Potential Effects)

--- City Boundary

--- Stream

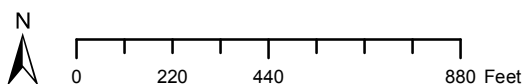
--- Waterbody

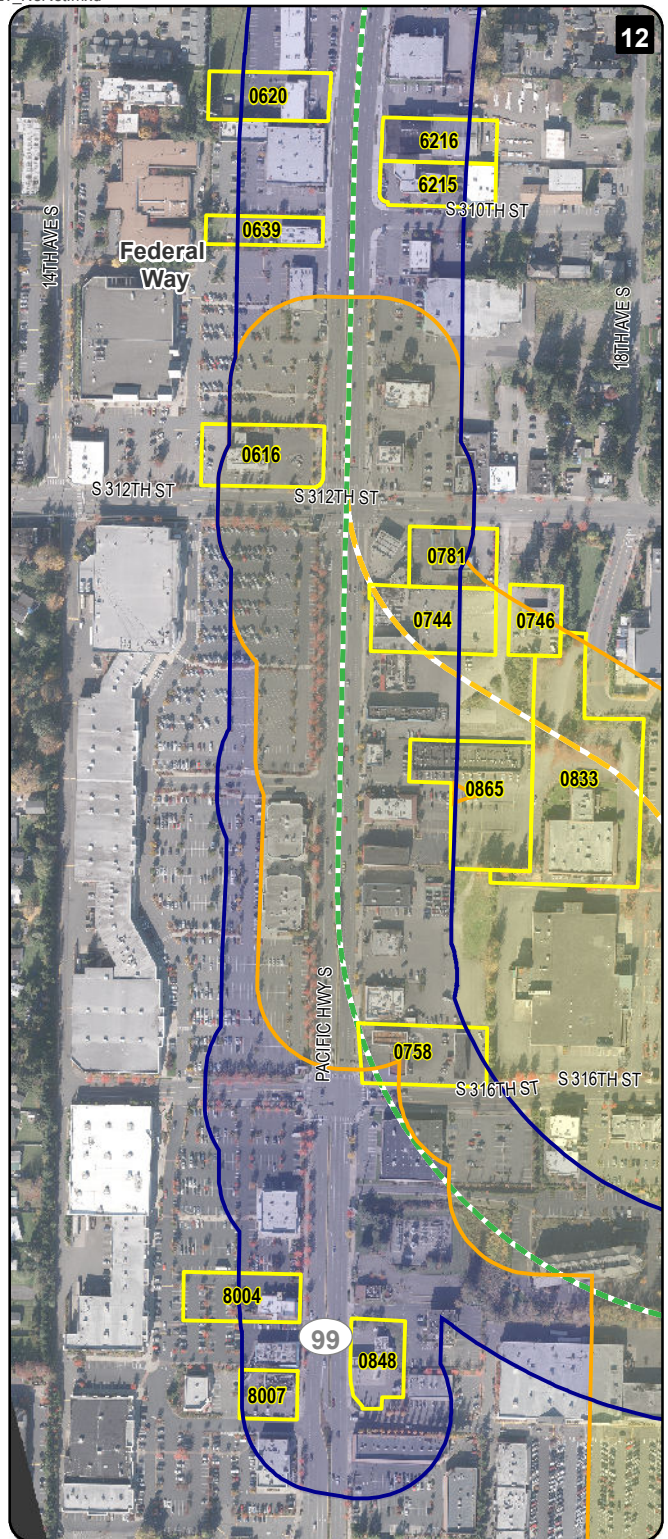
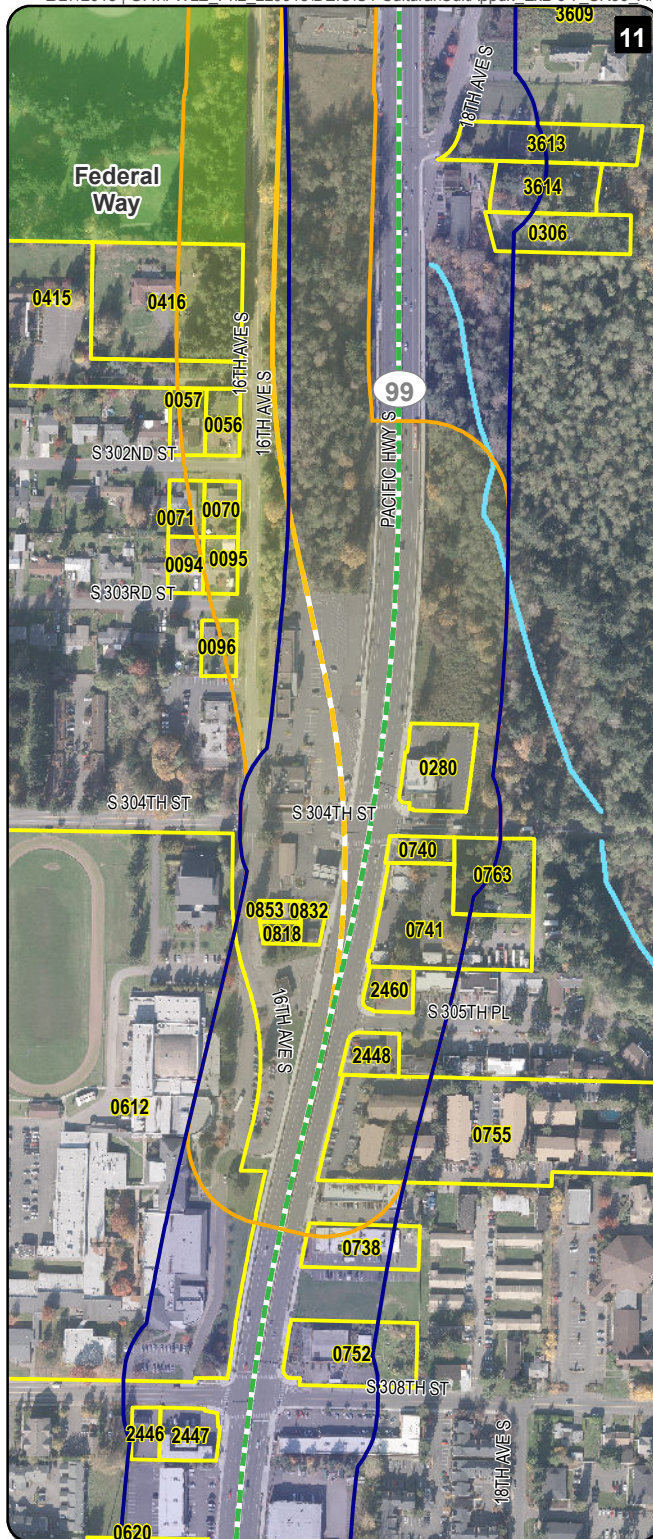
--- Park / Open Space

Data Sources: AeroMetric, King County, Cities of Des Moines, Federal Way (2013).

Appendix C: 6 of 19 Mapped Locations of All Parcels Surveyed for Built Environment Resources SR 99 Alternative and Options

Federal Way Link Extension





LEGEND

SR 99 Alternative Options

--- Elevated

S Station

Options

--- Elevated

--- At-Grade

--- Trench

S Station

Surveyed Property

NRHP-Eligible Property

APE for Alternative (Area of Potential Effects)

APE for Options (Area of Potential Effects)

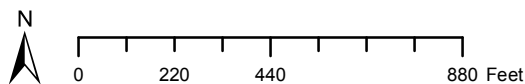
--- City Boundary

Stream

Waterbody

Park / Open Space

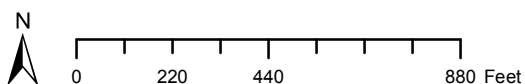
Data Sources: AeroMetric, King County, Federal Way, Kent, SeaTac (2013).

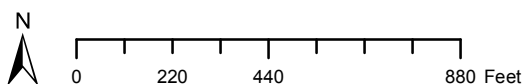


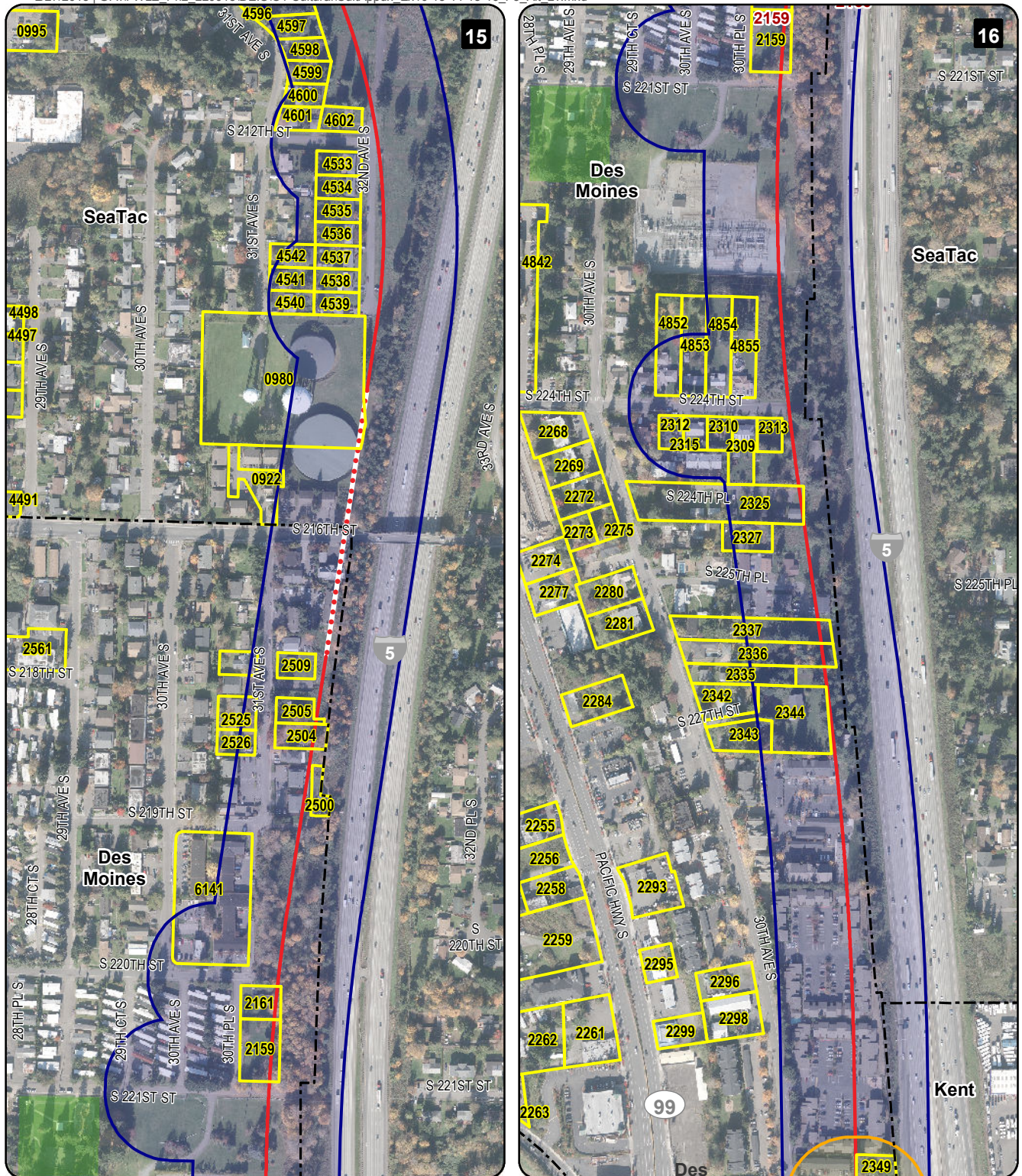
Appendix C: 7 of 19 Mapped Locations of All Parcels Surveyed for Built Environment Resources SR 99 Alternative and Options

Federal Way Link Extension

Federal Way Link Extension







LEGEND

I-5 Alternative

--- Elevated

--- At-Grade

... Trench

S Station

Options

--- Elevated

--- At-Grade

... Trench

S Station

Surveyed Property

NRHP-Eligible Property

APE for Alternative

(Area of Potential Effects)

APE for Options

(Area of Potential Effects)

--- City Boundary

Stream

Waterbody

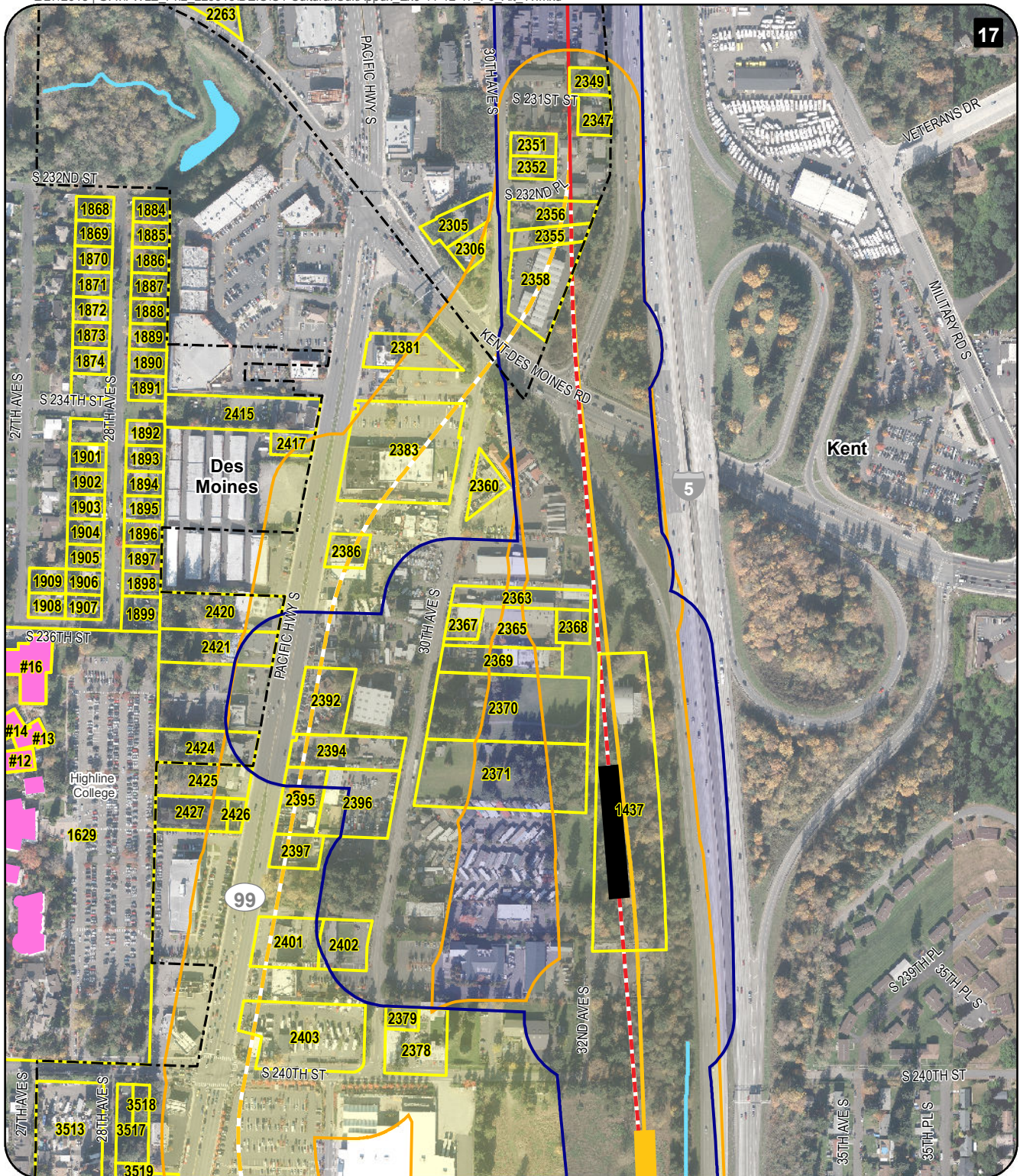
Park / Open Space

Data Sources: AeroMetric, King County, Cities of Des Moines, Kent, SeaTac (2013).

Appendix C: 10 of 19 Mapped Locations of All Parcels Surveyed for Built Environment Resources I-5 Alternative and Options

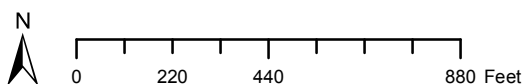
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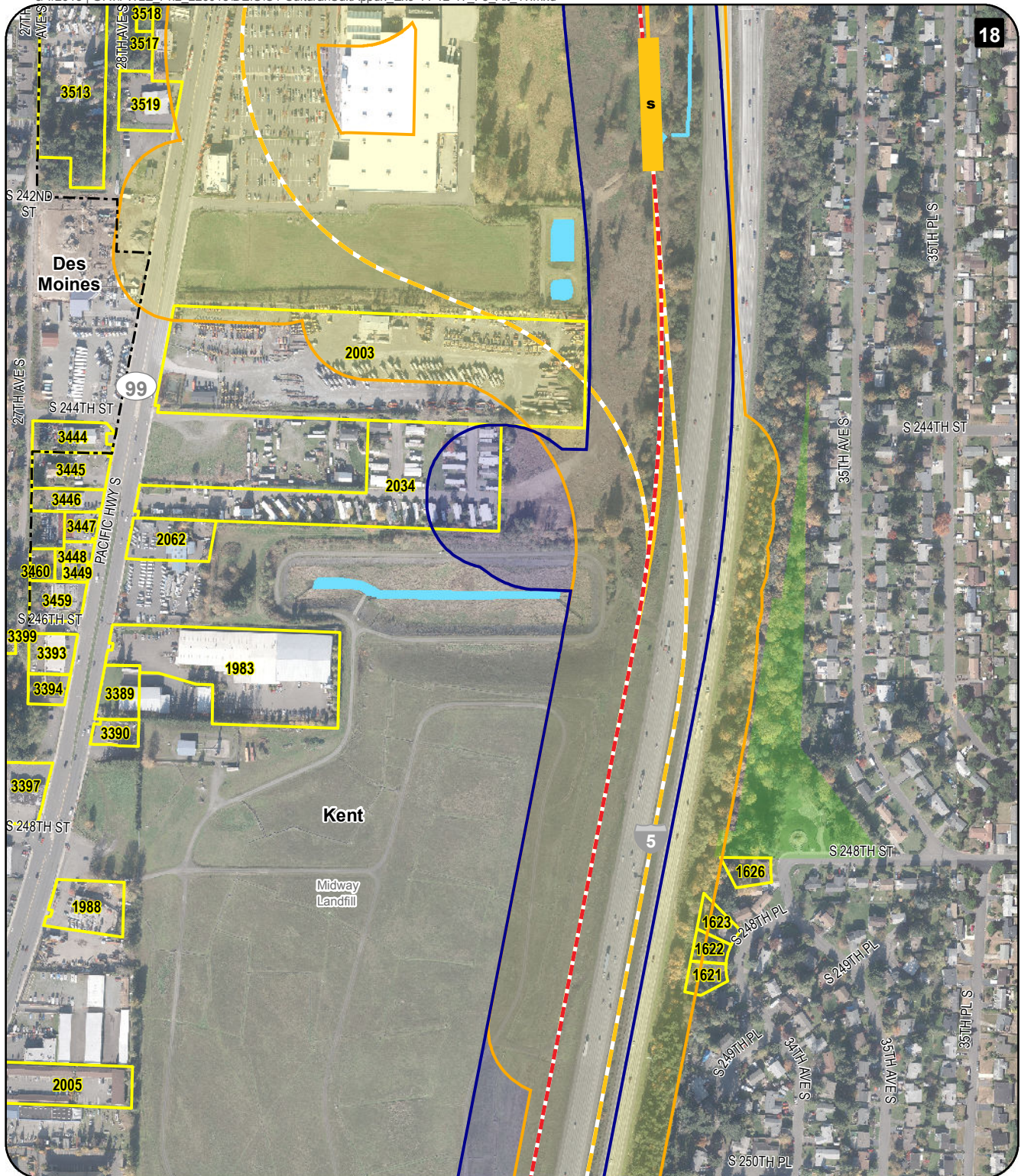




Data Sources: AeroMetric, King County, City of Kent (2013).

**Appendix C: 11 of 19 Mapped Locations of All Parcels
Surveyed for Built Environment Resources
I-5 Alternative and Options
Federal Way Link Extension**





LEGEND

I-5 Alternative

--- Elevated

--- At-Grade

... Trench

[S] Station

Options

--- Elevated

--- At-Grade

... Trench

[S] Station

[Yellow Outline] Surveyed Property

[Pink Outline] NRHP-Eligible Property

[Blue Outline] APE for Alternative (Area of Potential Effects)

[Orange Outline] APE for Options (Area of Potential Effects)

--- City Boundary

[Blue Line] Stream

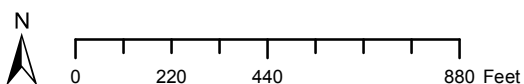
[Light Blue Area] Waterbody

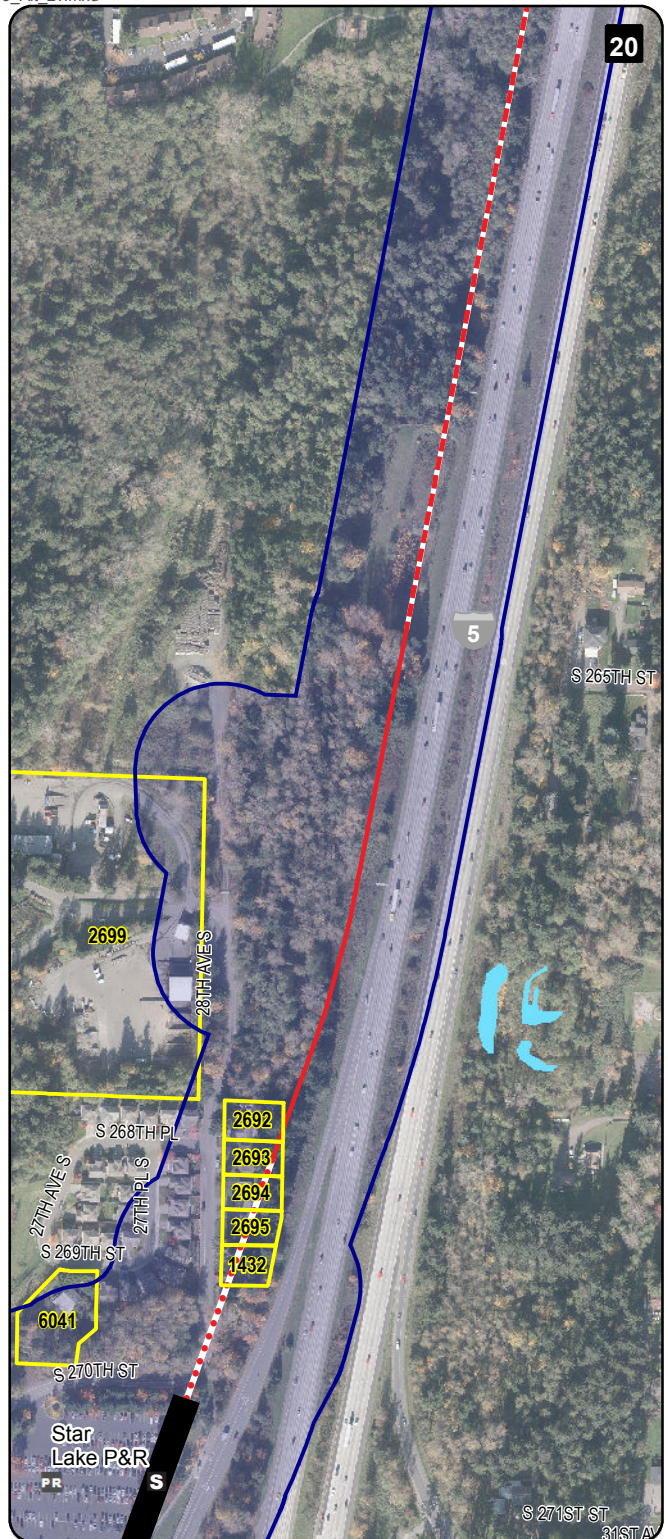
[Green Area] Park / Open Space

Data Sources: AeroMetric, King County, City of Kent (2013).

Appendix C: 12 of 19 Mapped Locations of All Parcels Surveyed for Built Environment Resources I-5 Alternative and Options

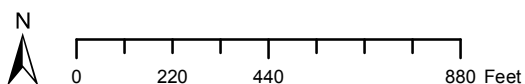
Federal Way Link Extension

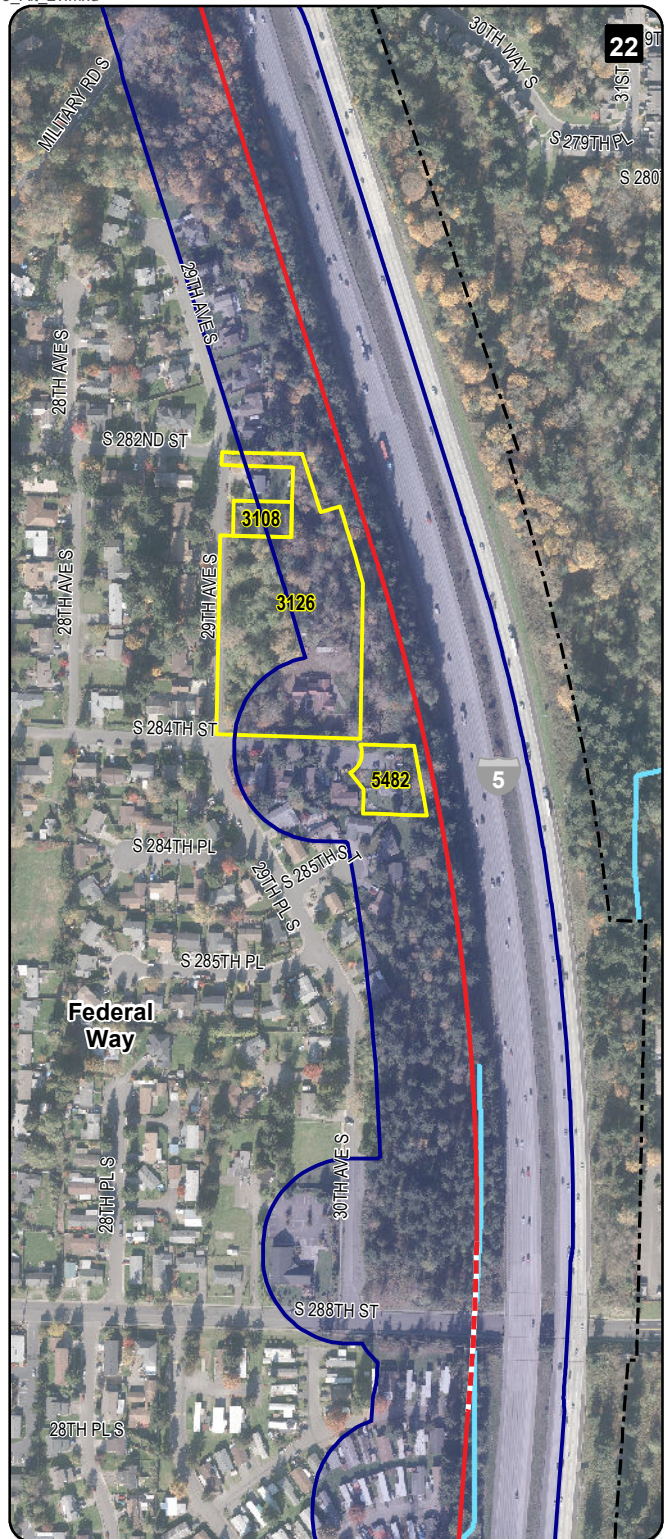




 Station
 Station
 (Area of Potential Effects)

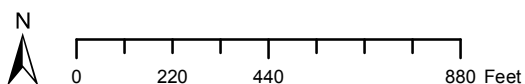
Federal Way Link Extension

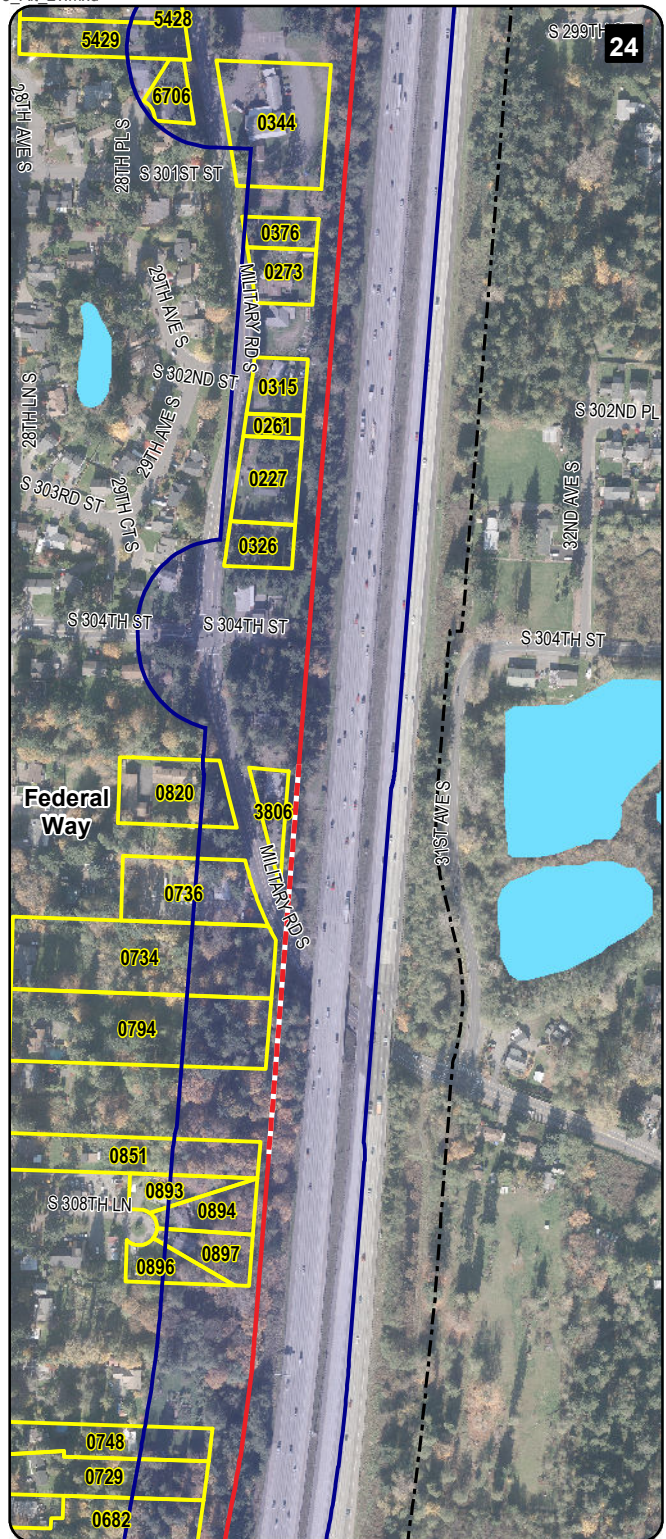




 (Area of Potential Effects)

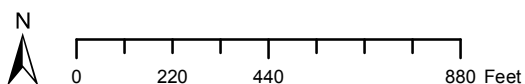
Federal Way Link Extension

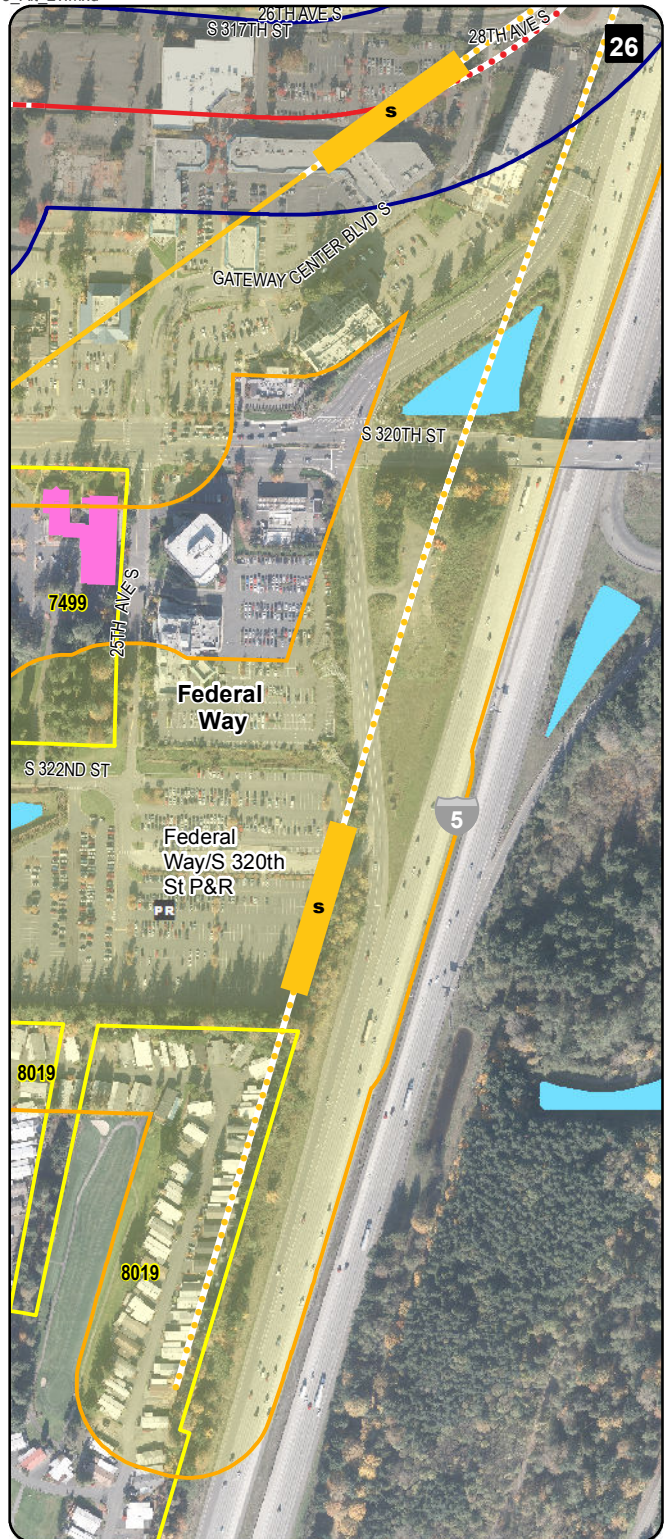
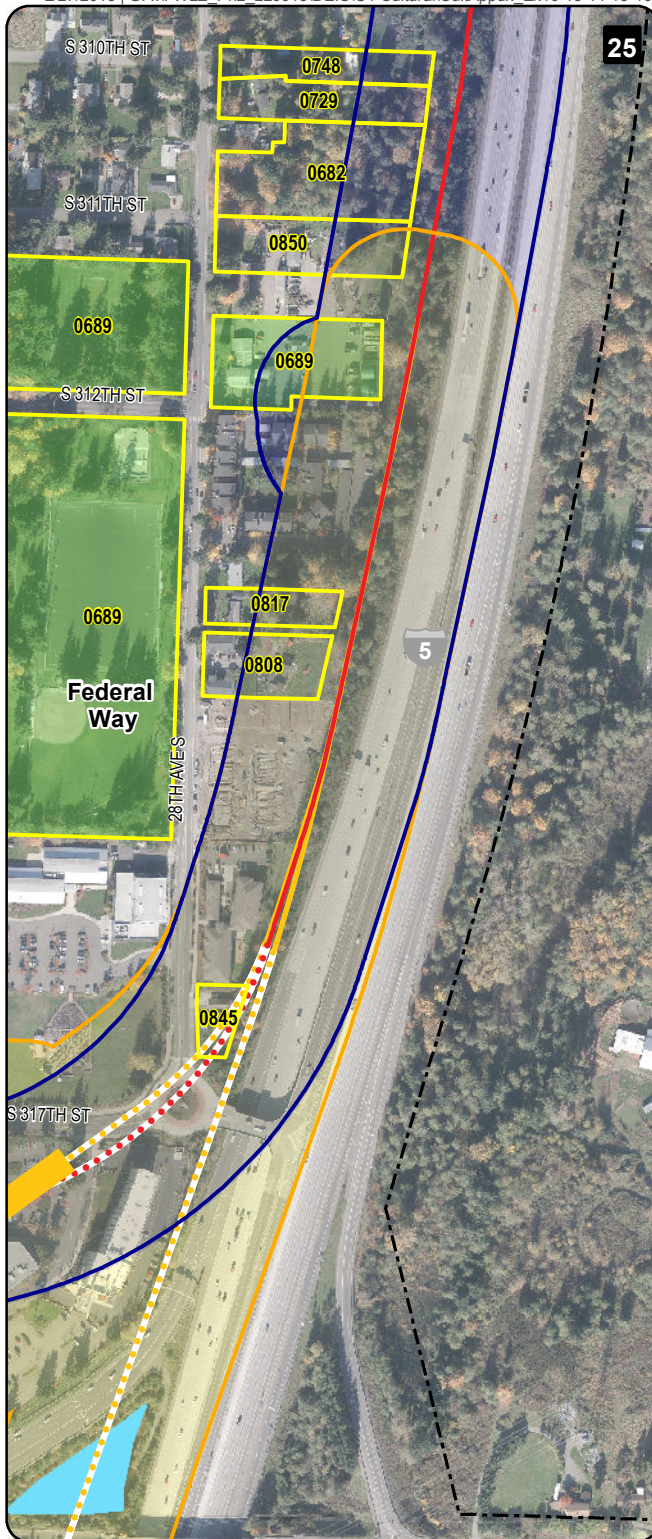




Station Station (Area of Potential Effects)

Federal Way Link Extension





LEGEND

I-5 Alternative

--- Elevated

--- At-Grade

... Trench

S Station

Options

--- Elevated

--- At-Grade

... Trench

S Station

Surveyed Property

NRHP-Eligible Property

APE for Alternative

(Area of Potential Effects)

APE for Options

(Area of Potential Effects)

--- City Boundary

Stream

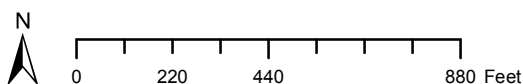
Waterbody

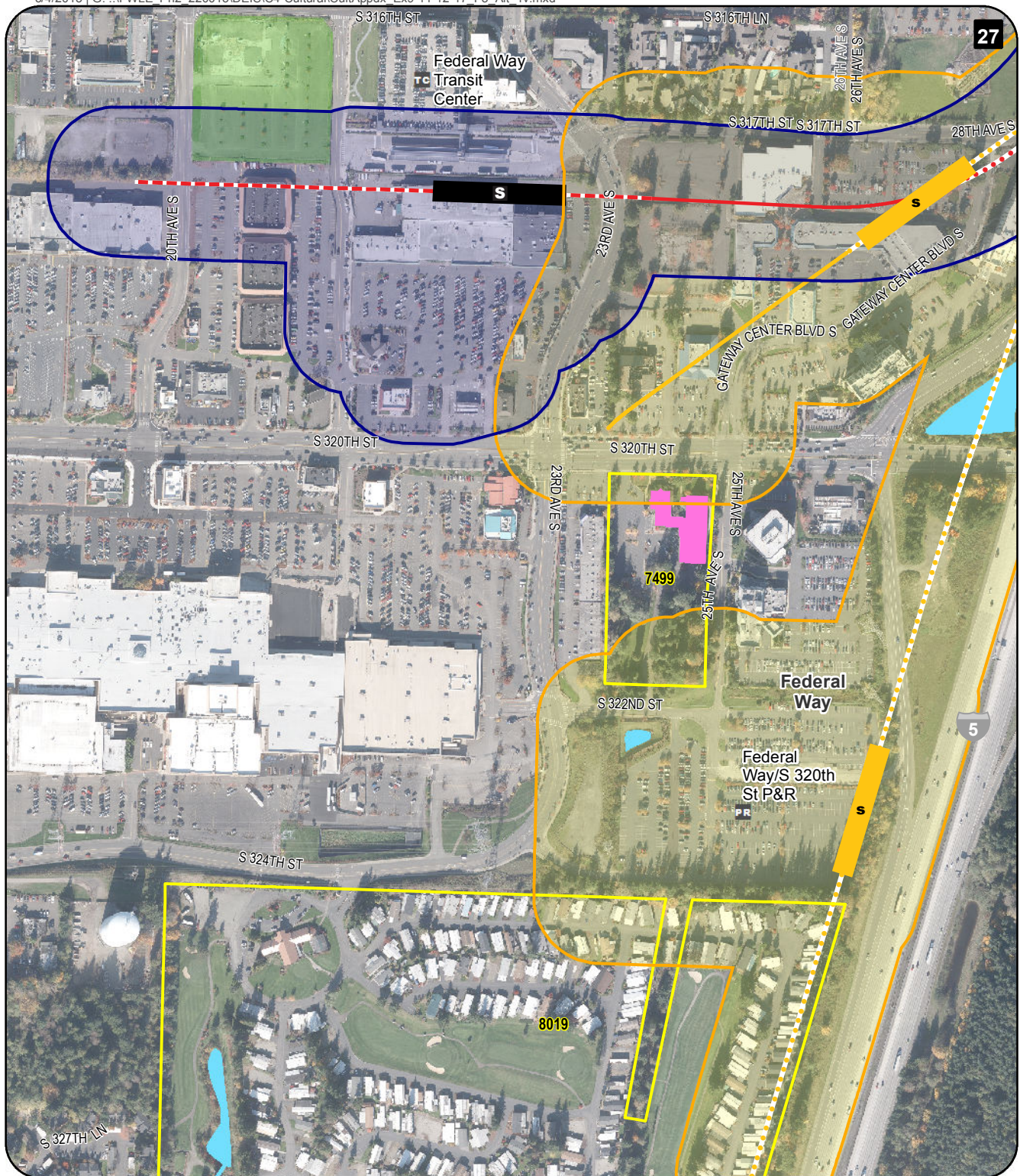
Park / Open Space

Data Sources: AeroMetric, King County, City of Federal Way (2013).

Appendix C: 16 of 19 Mapped Locations of All Parcels Surveyed for Built Environment Resources I-5 Alternative and Options

Federal Way Link Extension





LEGEND

I-5 Alternative

--- Elevated

--- At-Grade

... Trench

[S] Station

Options

--- Elevated

--- At-Grade

... Trench

[S] Station

[Yellow Outline] Surveyed Property

[Pink Outline] NRHP-Eligible Property

[Blue Outline] APE for Alternative
(Area of Potential Effects)

[Orange Outline] APE for Options
(Area of Potential Effects)

--- City Boundary

[Blue Line] Stream

[Light Blue Area] Waterbody

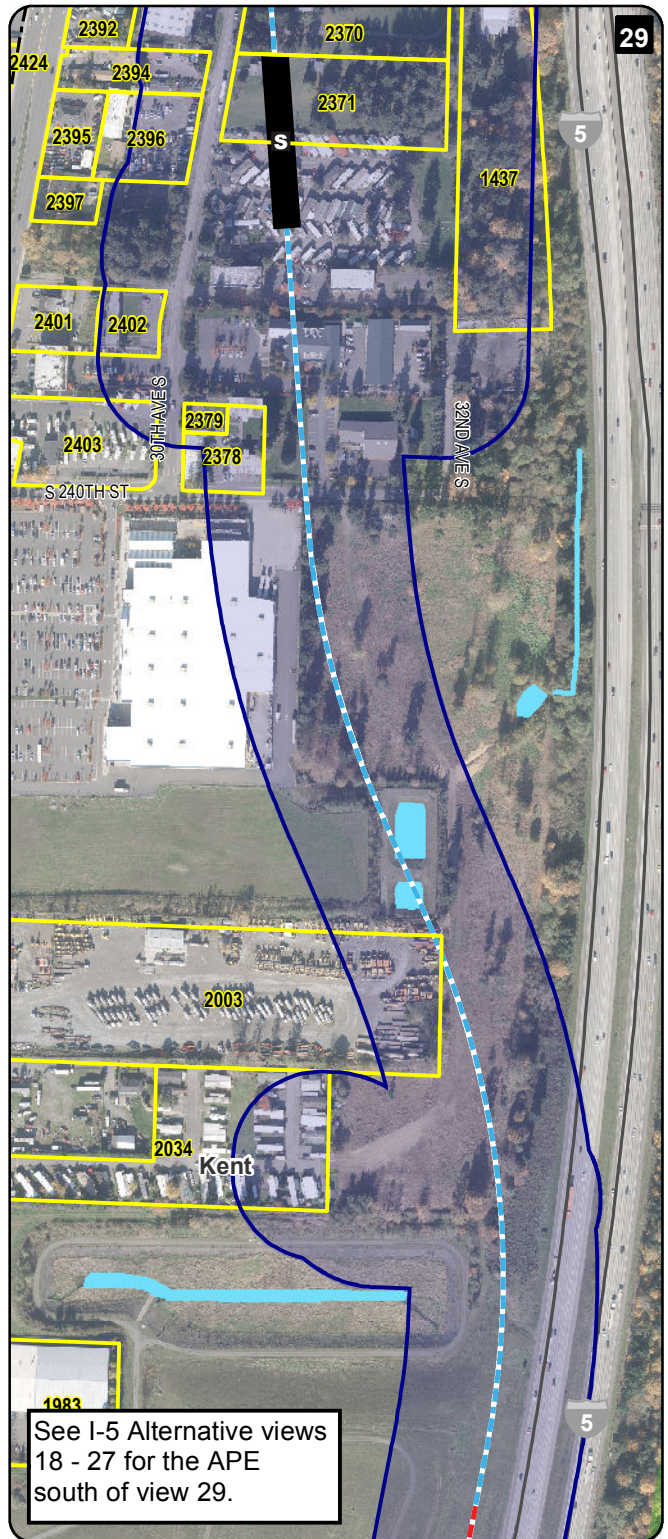
[Green Area] Park / Open Space

Data Sources: AeroMetric, King County, City of Federal Way (2013).

Appendix C: 17 of 19 Mapped Locations of All Parcels Surveyed for Built Environment Resources I-5 Alternative and Options

Federal Way Link Extension





LEGEND

SR 99 to I-5 Alternative

— Elevated

Station

SR 99 Alternative

— Elevated

I-5 Alternative

— Elevated

— At-Grade

... Trench

Surveyed Property

NRHP-Eligible Property

APE for Alternative

(Area of Potential Effects)

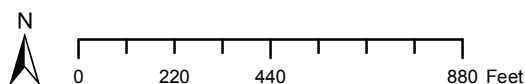
--- City Boundary

Stream

Waterbody

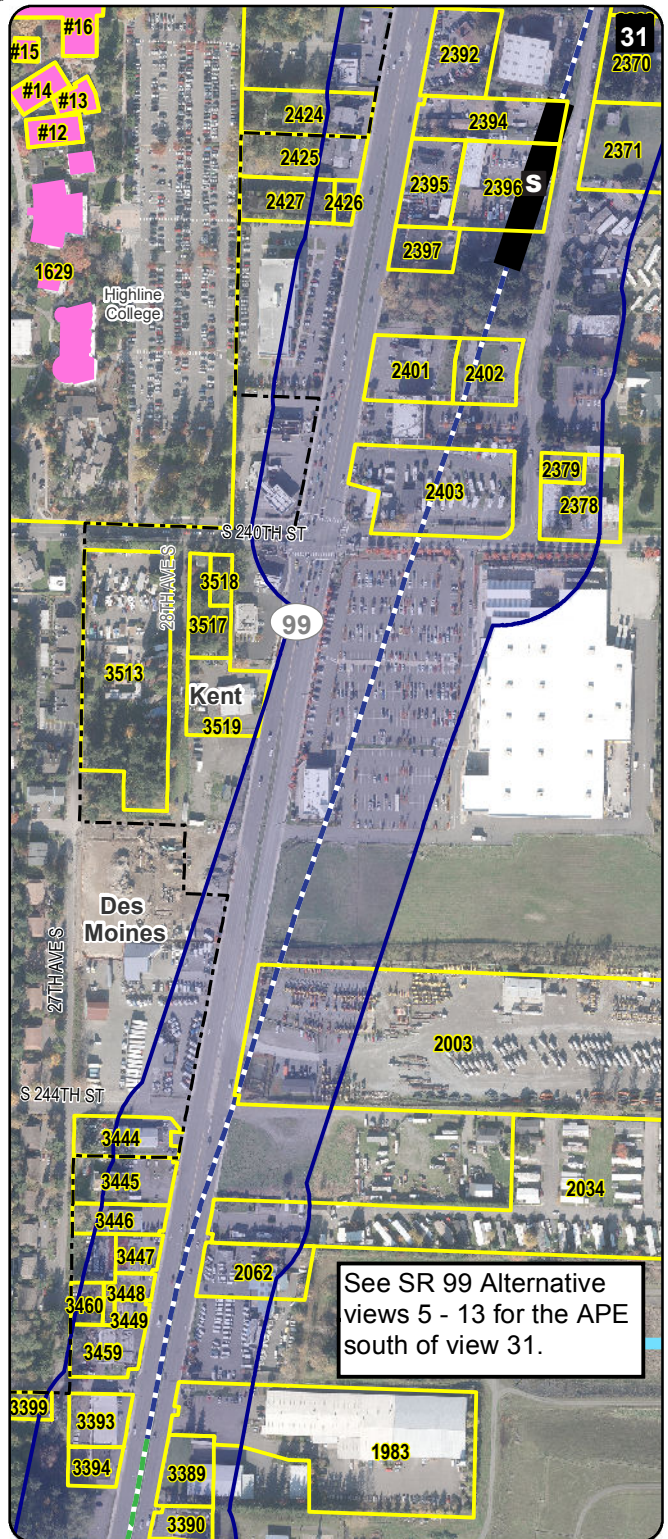
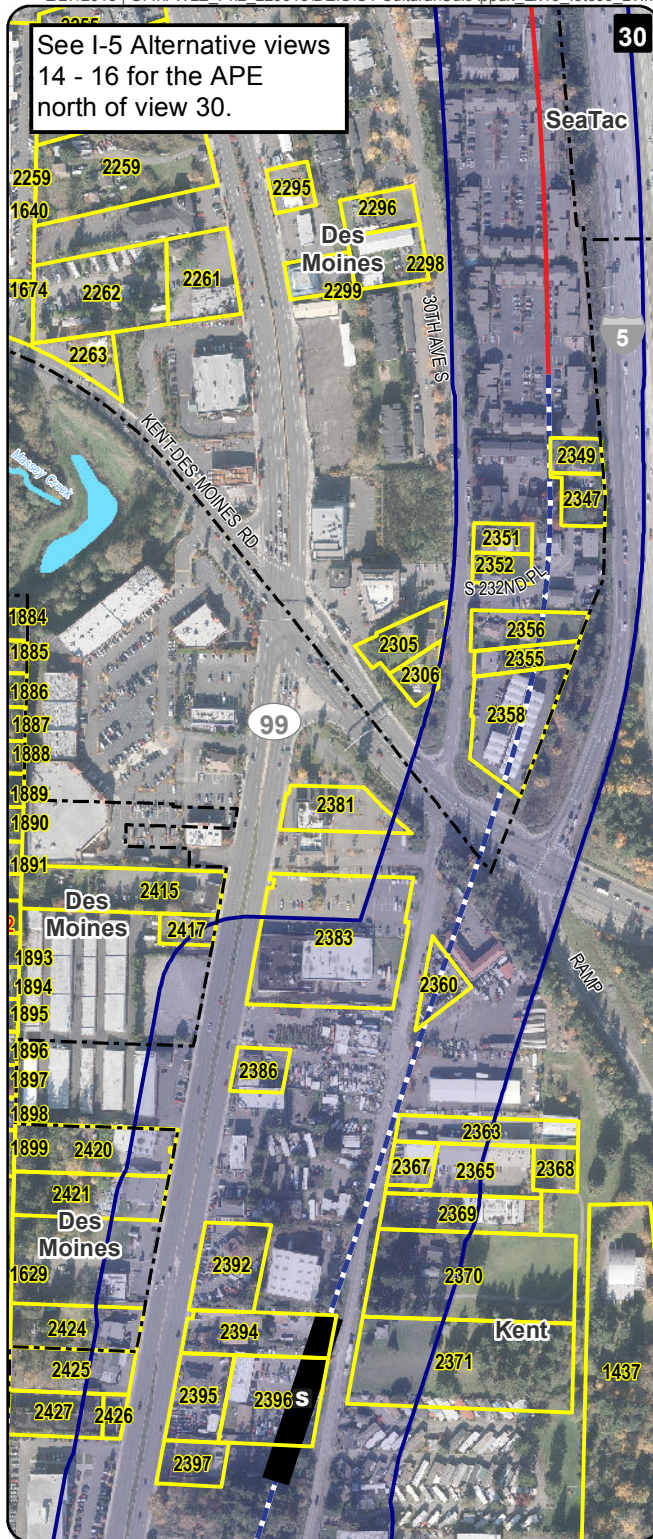
Park / Open Space

Data Sources: AeroMetric, King County, Cities of SeaTac, Des Moines, Kent (2013).



Appendix C: 18 of 19 Mapped Locations of All Parcels Surveyed for Built Environment Resources SR 99 to I-5 Alternative

Federal Way Link Extension



LEGEND

I-5 to SR 99 Alternative

— Elevated

⊠ Station

SR 99 Alternative

— Elevated

I-5 Alternative

— Elevated

— At-Grade

... Trench

▭ Surveyed Property

▭ NRHP-Eligible Property

▭ APE for Alternative (Area of Potential Effects)

--- City Boundary

— Stream

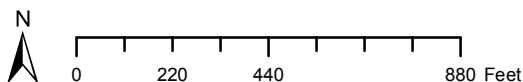
— Waterbody

— Park / Open Space

Data Sources: AeroMetric, King County, Cities of Seatac, Des Moines, Kent (2013).

Appendix C: 19 of 19 Mapped Locations of All Parcels Surveyed for Built Environment Resources I-5 to SR 99 Alternative

Federal Way Link Extension



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