TABLE OF CONTENTS

Summary vii
Project Purpose and Need vii
Project Alternatives vii
Build Alternative vii
No Build Alternative vii
Section 4(f) Resources viii
Section 6(f) Resources ix
Recreation and Conservation Funding Board (RCFB) Investment Properties ix
Project Effects ix
Measures to Avoid or Minimize Effects x
Duwamish-Green River Trail/Christensen Greenbelt x
Duwamish-Green River Trail Trailhead xi
Interurban Trail xi
James Nelsen House xii
Veterans Memorial Park xii
Cedar River Park, Liberty Park, Cedar River Trail, and the Narco Property xiii

Acronyms and Abbreviations xv

Glossary xvi

SECTION 1 Introduction 1-1
What are the primary features of the I-405 Tukwila to Renton Project? 1-1
What is the purpose of this report? 1-1
What is Section 4(f)? 1-1
What are Section 4(f) resources? 1-2
What constitutes a "use" of Section 4(f) resources? 1-3

SECTION 2 Project Description 2-1
What is the intent of the Tukwila to Renton Project? 2-1
What are the details of the Tukwila to Renton Project? 2-2
I-405 from I-5 to East of SR 181 2-5
I-405 at SR 181 Interchange 2-7

I-405 from East of SR 181 to SR 167 Interchange 2-9
SR 167 from SW 43rd Street On-ramp North to SW 27th Street 2-11
SR 167 from SW 27th Street to I-405 2-13
I-405 Interchange with SR 167 2-15
I-405 from East of SR 167 Interchange to North of S 5th Street 2-19
I-405 from S 5th Street to SR 169 2-21
Changes to Renton Hill Access 2-24
What are the construction methods and schedule for implementation? 2-25
Construction Methods 2-25
Schedule 2-26
Does this project relate to any other improvements on I-405 or connecting highways? 2-27
What is the No Build Alternative? 2-28

SECTION 3 Studies and Coordination 3-1
What is the study area and how was it determined? 3-1
How did we collect information on the Section 4(f) resources? 3-1
How did we evaluate effects on the Section 4(f) resources? 3-2
With which agencies and persons did we coordinate concerning avoidance alternatives, effects, and measures to minimize harm? 3-2

SECTION 4 Baseline Conditions 4-1
What Section 4(f) resources might be affected? 4-1
What Section 4(f) resources may be subject to use by any alternative WSDOT is considering? 4-4
Crystal Springs Park 4-4
Ikawa Park 4-5
Tukwila Park 4-6
Duwamish-Green River Trail/Christensen Greenbelt 4-7
Duwamish-Green River Trail Trailhead 4-8
Fort Dent Park 4-8
Interurban Trail 4-9
James Nelsen House 4-10
Springbrook Trail 4-11

Gateway Park and Piazza Park 4-12
Burnett Linear Park 4-13
Cedar River Trail-South Loop 4-14
Tonkins Park 4-15
Veterans Memorial Park 4-16
Renton History Museum 4-16
Jones Park 4-17
Cedar River Trail 4-17
Cedar River Park 4-18
Narco Property 4-20
Liberty Park 4-20

SECTION 5 Project Effects 5-1

How would the project use Section 4(f) resources? 5-1
Direct Use and Temporary Occupancy 5-1
Constructive Use 5-1
What would be the effects on each Section 4(f) Resource? 5-3
Crystal Springs Park 5-3
Ikawa Park 5-3
Tukwila Park 5-4
Duwamish-Green River Trail/Christensen Greenbelt 5-4
Duwamish-Green River Trail Trailhead 5-6
Fort Dent Park 5-7
Interurban Trail 5-7
James Nelsen House 5-9
Springbrook Trail 5-10
Gateway Park and Piazza Park 5-10
Burnett Linear Park 5-10
Cedar River Trail – South Loop 5-10
Tonkins Park 5-11
Veterans Memorial Park 5-11
Renton History Museum 5-13
Jones Park 5-13
Cedar River Park, Liberty Park, Cedar River Trail, and the Narco Property 5-13

What effects would occur under the No Build Alternative?.....5-17

SECTION 6 Feasible and Prudent Alternatives 6-1

Are there feasible and prudent alternatives that would avoid use of the Section 4(f) resources? 6-1

Duwamish-Green River Trail/Christensen Greenbelt, Duwamish-Green River Trail, James Nelsen House, and Interurban Trail.....6-1

Veterans Memorial Park 6-5

SECTION 7 Measures to Avoid or Minimize Effects.....7-1

What measures did we include in the project to avoid or minimize harm to the Section 4(f) resources during construction? 7-1

Duwamish-Green River Trail/Christensen Greenbelt.....7-1

Duwamish-Green River Trail Trailhead 7-1

Interurban Trail.....7-2

Fort Dent Park 7-2

James Nelsen House 7-2

Springbrook Trail 7-3

Veterans Memorial Park 7-3

Cedar River Park, Liberty Park, Cedar River Trail, and the Narco Property 7-3

SECTION 8 References 8-1

GIS data sources.....8-1

Text references and verbal communications.....8-2

EXHIBITS

Exhibit 2-0: Sheet Layout along Project Length 2-3
Exhibit 2-1: Project Features, Sheet 1 2-4
Exhibit 2-2: Project Features, Sheet 2 2-6
Exhibit 2-3: SR 181 Interchange Improvements 2-7
Exhibit 2-4: Project Features, Sheet 3 2-8
Exhibit 2-5: Project Features, Sheet 4 2-10
Exhibit 2-6: Project Features, Sheet 5 2-12
Exhibit 2-7: Project Features, Sheet 6 2-14
Exhibit 2-8: Freeway to Freeway Ramps in Reconstructed I-405/SR 167 Interchange 2-15
Exhibit 2-9: Rendering of I-405/SR 167 Interchange Improvements 2-16
Exhibit 2-10: Split-diamond Interchange at Lind Avenue and Talbot Road 2-17
Exhibit 2-11: Project Features, Sheet 7 2-18
Exhibit 2-12: Project Features, Sheet 8 2-20
Exhibit 2-13: Mill Avenue Design Option for Local Access to Bronson Way 2-22
Exhibit 2-14: Main Avenue Design Option for Local Access to Bronson Way 2-23
Exhibit 2-15: New Local Access for Renton Hill 2-24
Exhibit 4-1: Park, Trail, Recreation Areas, and Historic Properties Compared Against Section 4(f) Criteria 4-2
Exhibit 4-2: Potential Section 4(f) Resources Identified in the Study Area 4-3
Exhibit 4-3: Inset, Potential Section 4(f) Resources Identified in the Study Area 4-4
Exhibit 4-4: Crystal Springs Park 4-5
Exhibit 4-5: Ikawa Park 4-6
Exhibit 4-6: Tukwila Park 4-7
Exhibit 4-7: Duwamish-Green River Trail Trailhead 4-8
Exhibit 4-8: Fort Dent Park 4-9
Exhibit 4-9: James Nelsen House 4-10
Exhibit 4-10: Duwamish-Green River, Interurban, and Springbrook Trails 4-11
Exhibit 4-11: Gateway Park and Piazza Park 4-12

Exhibit 4-12: Burnett Linear Park 4-13
Exhibit 4-13: Cedar River Trail – South Loop 4-14
Exhibit 4-14: Tonkins Park 4-15
Exhibit 4-15: Veterans Memorial Park and Renton History Museum 4-16
Exhibit 4-16: Jones Park 4-17
Exhibit 4-17: Cedar River Trail 4-18
Exhibit 4-18: Cedar River Park, Narco Property, and Liberty Park 4-19
Exhibit 5-1: Duwamish-Green River Trail/Christensen Greenbelt Impact Area 5-5
Exhibit 5-2: Profiles of the Existing Trail and the Proposed Trail Beneath the New Tukwila Parkway Bridge 5-5
Exhibit 5-3: Impact Area at Duwamish-Green River Trail Trailhead 5-7
Exhibit 5-4: Realignment of Interurban Trail 5-8
Exhibit 5-5: Proposed Tukwila Parkway and SR 181/I-405 Interchange Next to James Nelsen House 5-9
Exhibit 5-6: Main Avenue Design Option and Veterans Memorial Park 5-12
Exhibit 5-7: Tri-Park Master Plan Adopted by City of Renton 5-15
Exhibit 5-8: Direct Use at Cedar River Park 5-16
Exhibit 6-1: Section 4(f) Resources and Tukwila Parkway On-ramp Alternatives 6-2
Exhibit 7-1: Proposed Replaced Parking 7-2
Exhibit 7-2: Key Decisions Regarding Cedar River Park, Cedar River Trail, Liberty Park, and Stoneway and Narco Properties 7-4

APPENDICES

APPENDIX A LETTER OF CONCURRENCE, CITY OF RENTON

APPENDIX B LETTER OF CONCURRENCE, CITY OF TUKWILA

APPENDIX C ALTERNATIVES EVALUATED