## Appendix A

## Acronyms and Abbreviations

AASHTO	American Association Of State Highway And Transportation Officials
ACI	American Concrete Institute
ACP	Asphaltic Concrete Pavement
ACZA	Ammoniacal Copper Zinc Arsenate
ADA	Americans With Disabilities Act
ADO	Average Daily Openings
ADT	Average Daily Traffic
ADTT	Average Daily Truck Traffic
AHJ	Authorities Having Jurisdiction
AIPP	Art in Public Places
ANSI	American National Standards Institute
APS	Accessible Pedestrian Signal
ASCE	American Society of Civil Engineers
ASDE	Assistant State Design Engineer
ASME	American Society of Mechanical Engineers
ASTM	American Society For Testing And Materials
ATM	Automated Teller Machine
AWS	American Welding Society
B/C	Benefit Cost
BDM	Bridge Design Manual
BF	Ballast Factor
BMP	Best Management Practice
CBP	Customs Border Patrol
CCTV	Closed Circuit Television
CDF	Control Density Fill
CE	Categorical Exclusion
CEVP	Cost Estimate Validation Process
CFM	Cubic Feet Per Minute

CFR	Code of Federal Regulations
CLSM	Controlled Low-Strength Material
CR1	Commuter Route Type 1
CR2	Commuter Route Type 2
CRF	Comment Review Form
CSO	Company Security Officer
CW	Counter Weight
DBE	Disadvantaged Business Enterprise
DC	Direct Current
DCE	Documented Categorical Exclusion
DDM	Design Decisions Memorandum
DDP	Design Documentation Package
DDS	Design Decision Summary
DE	Design Earthquake
DHS	Department of Homeland Security
DL	Dead Load
DIA	Diameter
DL	Dead Load
DLE	Design Level Earthquake
DM	Design Manual
DOS	Declaration of Security
DOT	Department of Transportation
DNR	Department of Natural Resources
DNS	Determination of Significance
DS	Determination of Non-significance
DQC	Document Quality Control
DVI	Design Variance Inventory
DVIS	Design Variance Inventory System
DWG	Drawing

EA	Each, Environmental Assessment
ECS	Environmental Classification Summary
EFC	Electronic Fare Collection
EFS	Electronic Fare System, Exterior Finish System
EIBC	Existing International Building Code
EIA	Electronic Industries Alliance
EIS	Environmental Impact Statement
EL	Elevation
EMS	Electronic Message Signs
EPA	Environmental Protection Agency
ERS	Environmental Review Summary
ESA	Endangered Species Act
ESHB	Engrossed State House Bill
ESM	Enterprise Security Management
EU	Evaluate Upgrade
EXIST	Existing
FAR	Ferry Advisory Radio
FHWA	Federal Highway Administration
FONSI	Finding of No Significant Impact
FPS	Feet per Second
FT	Foot
FTA	Federal Transit Administration
FTE	Full Time Equivalent
FWS	Fish and Wildlife Service
GA	General Administration
GAL	Gallons
GPM	Gallons per Minute

HAR	Highway Advisory Radio
HAZMAT	Hazardous Materials
HID	High-intensity Discharge
HMA	Hot Mix Asphalt
HORIZ	Horizontal
HOT	High Occupancy Toll
HOV	High Occupancy Vehicle
HPA	Hydraulic Project Approval
HPS	High Pressure Sodium
HPU	Hydraulic Power Unit
HRM	Highway Runoff Manual
HSAS	Homeland Security Advisory System
HQ	Headquarters
HVAC	Heating, Ventilation, and Air Conditioning
IBC	International Building Code
ID	Inside Diameter
IE	Invert Elevation
IEC	International Electrotechnical Commission
IEEE	Institute of Electrical and Electronics Engineers
IFC	International Fire Code
IT	Information Technology
IHA	Incidental Harassment Authorizations
IESNA	Illumination Engineering Society of North America
IMC	International Mechanical Code
ISO	International Organization for Standardization
ITS	Intelligent Transportation System
JB	Junction Box
KW	Kilowatt
KT	Knot (Nautical Mile per Hour)

LB	Pound
LCC	Line Control Cabinet
LCCM	Life Cycle Cost Model
LED	-
	Light Emitting Diode
LEED LF	Leadership in Energy and Environmental Design Linear Feet
LFD	Load Factor Design
LID	Low Impact Development
LL	Live Load
LLD	Lamp Lumen Depreciation
LRFD	Load And Resistance Factor Design
LRP	Long Range Plan
LOS	Level of Service
MAX	Maximum
MARSEC	Maritime Security
MBTA	Migratory Bird Treaty Act
MCP	Motor Control Panel
MEF	Maximum Extent Feasible
MH	Metal Halide
MHZ	Megahertz
MIL	Milimeters
MIN	Minimum, Minutes
MLLW	Mean Lower Low Water
MMPA	Marine Mammal Protection Act
MOA	Memorandum of Agreement
MOTEMS	Marine Oil Terminal Engineering And Maintenance Standards
MOU	Memorandum of Understanding
MPH	Miles Per Hour
MTS	Manual Transfer Switch
MUTCD	Manual on Uniform Traffic Control Devices
MWBE	Minority/Women-Owned Business Enterprise
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NAAQS	National Ambient Air Quality Standards
NAD	North American Vertical Datum
NAVD	North American Vertical Datum
NGVD	National Geodetic Vertical Datum
NEC	National Electric Code
NEPA	National Environmental Policy Act
NFPA	National Fire Protection Association
NGS	National Geodetic Survey
NHS	National Highway System
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NOX	Nitrogen Oxides
NPDES	National Pollutant Discharge Elimination System
NPT	National Pipe Thread
NPV	Net Present Value
NTDE	National Tidal Datum Epoch
NTS	Not To Scale
O&M	Operations and Maintenance
OD	Outside Diameter
OFM	Office of Financial Management
OHL	Overhead Loading
OLE	Operational Level Earthquake
OSHA	Occupational Safety and Health Administration
PA	Public Address
PAR	Pedestrian Access Route
PC	Personal Computer
PCB	Polychlorinated Biphenyl
PCCP	Portland Cement Concrete Pavement
PCF	Pounds Per Cubic Foot, Project Considerations Form
PCRF	Project Change Request Form
PD	Project Definition
PE	Polyethylene

PF	Project File
PFD	Personal Floatation Device
PIF	Project Impacts Form
PLC	Programmable Logic Controller
РО	Passenger Only
PPM	Plans Preparation Manual
PSCAA	Puget Sound Clean Air Agency
PSE	Puget Sound Energy
PSF	Pounds per Square Foot
PSI	Pounds per Square Inch
PTZ	Pan Tilt Zoom
PVC	Polyvinyl Chloride
PVDF	Polyvinylidene Fluoride
QA	Quality Assurance
QC	Quality Control
R/W	Right of Way
R/W RCW	Right of Way Revised Code of Washington
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RCW	Revised Code of Washington
RCW RDCR	Revised Code of Washington Reducer
RCW RDCR ROD	Revised Code of Washington Reducer Record of Decision
RCW RDCR ROD ROI	Revised Code of Washington Reducer Record of Decision Return on Investment
RCW RDCR ROD ROI ROW	Revised Code of Washington Reducer Record of Decision Return on Investment Right of Way
RCW RDCR ROD ROI ROW	Revised Code of Washington Reducer Record of Decision Return on Investment Right of Way
RCW RDCR ROD ROI ROW RTPO	Revised Code of Washington Reducer Record of Decision Return on Investment Right of Way Regional Transportation Planning Organization
RCW RDCR ROD ROI ROW RTPO	Revised Code of Washington Reducer Record of Decision Return on Investment Right of Way Regional Transportation Planning Organization Seattle Building Code
RCW RDCR ROD ROI ROW RTPO SBC SEI	<ul> <li>Revised Code of Washington</li> <li>Reducer</li> <li>Record of Decision</li> <li>Return on Investment</li> <li>Right of Way</li> <li>Regional Transportation Planning Organization</li> <li>Seattle Building Code</li> <li>Structural Engineering Institute</li> </ul>
RCW RDCR ROD ROI ROW RTPO SBC SEI SEPA	<ul> <li>Revised Code of Washington</li> <li>Reducer</li> <li>Record of Decision</li> <li>Return on Investment</li> <li>Right of Way</li> <li>Regional Transportation Planning Organization</li> <li>Seattle Building Code</li> <li>Structural Engineering Institute</li> <li>[Washington] State Environmental Policy Act</li> </ul>
RCW RDCR ROD ROI ROW RTPO SBC SEI SEPA SIP	<ul> <li>Revised Code of Washington</li> <li>Reducer</li> <li>Record of Decision</li> <li>Return on Investment</li> <li>Right of Way</li> <li>Regional Transportation Planning Organization</li> <li>Seattle Building Code</li> <li>Structural Engineering Institute</li> <li>[Washington] State Environmental Policy Act</li> <li>State Implementation Plan</li> </ul>
RCW RDCR ROD ROI ROW RTPO SBC SEI SEPA SIP SF	<ul> <li>Revised Code of Washington</li> <li>Reducer</li> <li>Record of Decision</li> <li>Return on Investment</li> <li>Right of Way</li> <li>Regional Transportation Planning Organization</li> <li>Seattle Building Code</li> <li>Structural Engineering Institute</li> <li>[Washington] State Environmental Policy Act</li> <li>State Implementation Plan</li> <li>Square Foot , Square Feet</li> </ul>
RCW RDCR ROD ROI ROW RTPO SBC SEI SEPA SIP SF SLR	<ul> <li>Revised Code of Washington</li> <li>Reducer</li> <li>Record of Decision</li> <li>Return on Investment</li> <li>Right of Way</li> <li>Regional Transportation Planning Organization</li> <li>Seattle Building Code</li> <li>Structural Engineering Institute</li> <li>[Washington] State Environmental Policy Act</li> <li>State Implementation Plan</li> <li>Square Foot , Square Feet</li> <li>Sea Level Rise</li> </ul>
RCW RDCR ROD ROI ROW RTPO SBC SEI SEPA SIP SF SLR SMP	<ul> <li>Revised Code of Washington</li> <li>Reducer</li> <li>Record of Decision</li> <li>Return on Investment</li> <li>Right of Way</li> <li>Regional Transportation Planning Organization</li> <li>Seattle Building Code</li> <li>Structural Engineering Institute</li> <li>[Washington] State Environmental Policy Act</li> <li>State Implementation Plan</li> <li>Square Foot , Square Feet</li> <li>Sea Level Rise</li> <li>Shoreline Master Program</li> </ul>

SPCC	Spill Prevention, Control, and Countermeasures
SQ	Square
SQ FT	Square Foot, Square Feet
SR	State Route
SSI	Sensitive Security Information
SSPC	The Society for Protective Coatings
STD	Standard
STA	Station
SWPP	Stormwater Pollution Prevention
SWPPP	Stormwater Pollution Prevention Plan
TEMP	Temporary
TESC	Temporary Erosion and Sediment Control
TIA	Telecommunications Industry Association
TIP	Transportation Improvement Program
TMDL	Total Maximum Daily Load
TRB	Transportation Research Board
TSA	Transportation Security Administration
TS&L	Type Size and Location
TWIC	Transportation Worker Identification Credential
ТҮР	Typical
U&A	Usual and Accustomed
UBC	Uniform Building Code
UFC	Unified Facilities Criteria
UHMW	Ultra-High Molecular Weight
UL	Underwriters Laboratories
ULL	Uniform Live Load
UPC	Uniform Plumbing Code
USC	United States Code
USCBP	United States Customs and Border Protection
USCG	United States Coast Guard
USFWS	United States Fish and Wildlife Service
USDOT	United States Department of Transportation

VATS	Vessel and Terminal Security
VCT	Vinyl Composite Tile
VE	Value Engineering
VERT	Vertical
VMS	Variable Message Sign
VOC	Volatile Organic Compound
VPHPT	Vehicles per Hour per Toll Booth
VTS	Vehicle Transfer Span
WAC	Washington Administrative Code
WB-50	Wheelbase 50
WDFW	Washington Department of Fish and Wildlife
WISHA	Washington Industrial Safety and Health Act
WSDOT	Washington State Department of Transportation
WSF	Washington State Ferries
WSP	Washington State Patrol
WZTCP	Work Zone Traffic Control Plan