

Chapter 6 List of Preparers

Name Firm	Professional Discipline	Education and Experience	Areas of Responsibility in EA
Jeanne Acutanza, PE CH2M HILL	Transportation Engineer	BS, Civil Engineering 24 years of experience	Transportation Senior Review
Ali Amiri WSDOT	Transportation and Civil Engineer	BS, Civil Engineering 22 years of experience	SR 519 Project Engineer
Don Anderson, PE CH2M HILL	Geotechnical Engineer	PhD, Civil Engineering MS, Civil Engineering BS, Civil Engineering 33 years of experience	Geology and Soils Analysis
Raena Ballantyne CH2M HILL	Cultural Resources Specialist	BA, Anthropology 9 years of experience	Cultural Resources Analysis
Ellen Bancroft CH2M HILL	Publications Specialist	BA, English; MBA, Marketing 25 years of experience	Technical Editor
Andrew Barash, PE CH2M HILL	Transportation Engineer	MS, Civil Engineering BS, Civil Engineering 7 years of experience	Transportation Engineer
Jim Bard CH2M HILL	Cultural Resources Specialist	PhD Anthropology/ Archaeology 27 years of experience	Cultural Resources Analysis Senior Review
Mark Bastasch, PE CH2M HILL	Noise Specialist	MS, Environmental Engineering; BS, Environmental Engineering 11 years of experience	Noise Analysis Senior Review
Stephen Boch, PE FHWA	Major Project Oversight Manager	BS, Civil Engineering Professional Engineer (Virginia) 32 years of experience	Federal Review and Oversight
Lindsay Boyd, EIT WSDOT	Transportation Engineer	BS, Civil Engineering 1 year of experience	Transportation Engineer
Alicia Brookins-Clark CH2M HILL	Environmental Scientist	BS, Environment Studies 1 year of experience	Hazardous Materials Analysis

Name Firm	Professional Discipline	Education and Experience	Areas of Responsibility in EA
Raymond Chung, PE CH2M HILL	Water Resources Engineer	BS, Civil Engineering 10 years of experience	Water Quality Analysis
Roy DeLeon CH2M HILL	Graphic Designer	AA, Graphics AA, Drafting Technology 34 years of experience	Graphic Design
Rick Della The Transpo Group	Senior Analysis Transportation	BS, General Engineering MS, Civil Engineering 29 years of Experience	Transportation Analysis
Yonnel Gardes, The Transpo Group	Transportation Analyst	MS, Transportation Engineering 15 years of experience	Transportation Analysis
Nicole Gaudette CH2M HILL	Environmental Planner	BA, Geography 6 years of experience	Land Use Analysis
Mark Greenig CH2M HILL	Environmental Planner	BS, Landscape Architecture 17 years of experience	Visual Quality Analysis
Evan Griffiths, PE CH2M HILL	Environmental Engineer	PhD, Civil Engineering MS, Civil Engineering BS, Engineering 9 years of experience	Hazardous Materials Analysis
Gerald Hansmire MAKERS	Architecture – Urban Design	MA, Architecture; BA, Architecture 40 years of experience	Visual Quality Analysis
Allison Hanson WSDOT	Deputy Director of Environmental Services	BA, Environmental Education 9 years of experience	Environmental Manager
Brandie Henry CH2M HILL	GIS Specialist	BA, Geography 1 year of experience	GIS Specialist
Lorelea Hudson, RPA NWAA	Cultural Resources Specialist	MA, Anthropology & Historical Archaeology BA, Anthropology 37 years of experience	Cultural Resources Analysis
Mark Johnson, PE CH2M HILL	Transportation Engineer	MS, Civil Engineering BS, Civil Engineering 20 years of experience	Consultant Project Manager
Rebecca King CH2M HILL	Air Quality Specialist	BS, Atmospheric Sciences 7 years of experience	Air Quality Analysis
Margaret Kucharski WSDOT	Environmental Coordinator	MPP Environmental Policy BA Political Science 3 years of experience	Environmental Coordinator

Name Firm	Professional Discipline	Education and Experience	Areas of Responsibility in EA
Natalie Liljenwall CH2M HILL	Environmental Engineer	MS, Environmental Engineering BS, Environmental Engineering 10 years of experience	Noise Analysis
Sandra McGinnis CH2M HILL	Geotechnical Engineer	BS, Environmental Science/Geology 10 years of experience	Geology and Soils Analysis
Richard Patterson, PE, SE Bailey & Associates	Civil and Structural Engineer	BS, Civil Engineering 22 years of experience	Project Management
Dan Pitzler CH2M HILL	Economist	MA, Economics; BA, Economics 22 years of experience	Economics Senior Review
Kurt Playstead CH2M HILL	Economist	BS, Economics/Statistics 9 years of experience	Economics Analysis
Pietro Potestà MAKERS	Architecture – Urban Design	MA, Urban Design; BA, Architecture 13 years of experience	Visual Quality Analysis
Rob Rodland CH2M HILL	Environmental Planner	BA, Geography 7 years of experience	Social, Public Services & Utilities, Recreation, and Environmental Justice Analysis
John Rogers, PE CH2M HILL	Water Resources Engineer	BS, Civil Engineering 26 years of experience	Water Quality Senior Review
Gery Rudolph CH2M HILL	Graphic Designer	33 years of experience	Graphic Design
Robert (Robin) Senner CH2M HILL	Environmental Manager	PhD, Public Policy BA, Biology and English 30 years of experience	Consultant EA Manager
Kathryn Stenberg WSDOT	Environmental Manager	PhD, Wildlife & Fisheries Science and Regional Planning MA, Environmental Administration BA, Biology 25 years of experience	Previous Environmental Manager
Peter Sturtevant, PE CH2M HILL	Water Resources Engineer	MS, Water Resources BA, Biology 32 years of experience	Water Quality Analysis

Name Firm	Professional Discipline	Education and Experience	Areas of Responsibility in EA
Ellen Talbo CH2M HILL	Transportation Planner	MSUP, Urban Planning BA, Urban Studies 2 years of experience	Transportation Analysis
Randy Whitman CH2M HILL	Biologist	MS, Fisheries Science; BS, Fisheries Science 27 years of experience	ESA Compliance

Chapter 7 References

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GIS Data Sources

Exhibit 2-1

- City of Seattle GIS Data CD 3. 2007. WSDOT (Washington State Department of Transportation). 2004. King County. 2006.
- SR 519 CH2M HILL Design Team. 2006-2007. Project limits.

Note: GIS base data layers were used in creating this figure. All data from Base Data references below except color aerial photography sources.

Exhibit 5-7

- SR 519 CH2M HILL Design Team. 2006-2007. Project limits.

City of Seattle. 2007. CD 2. SPU drainage and sewer mainlines: separated storm water and combined sewer pipe system map.

CH2M HILL. 2007. separated stormwater line (digitally created by GIS analyst based from direction from the Water Resources Technical Memorandum author): separated stormwater and combined sewer pipe system map.

AWV. 2007. Central model merge with focus on the separated stormwater area: separated stormwater and combined sewer pipe system map.

All data from Base Data references below except color aerial photography sources.

Exhibit 5-8

SR 519 CH2M HILL Water Resources Design Team. 2007. Calculation of existing and post pervious and impervious area for the project: existing and post-project impervious areas.

All data from base data reference below except color aerial photography sources.

Exhibit 5-9

SR 519 CH2M HILL Water Resources Design Team. 2007. Calculation of non-pollution-generating and pollution-generating surfaces: existing and post-project impervious areas.

Exhibit 5-17

SR 519 CH2M HILL Design Team. 2006-2007. Project limits.

City of Seattle. 2007. CD 3. Parcels with existing land use focus: existing land use map.

CH2M HILL. 2007. Land use study area—digitally created by GIS analyst: existing land use map.

All data from Base Data references below except color aerial photography sources.

Exhibit 5-18

SR 519 CH2M HILL Design Team. 2006-2007. Project limits.

City of Seattle. 2007. CD 3. Zoning with zoning land use type: zoning map.

CH2M HILL. 2007. Stadium Transition Area—digitally created by GIS analyst based from the *Alternative 4 (No Action (Existing Zones))* Document. 2/2007: existing land use map.

All data from base data reference below except color aerial photography sources.

Exhibit 5-20

SR 519 CH2M HILL Design Team. 2006-2007. Project limits.

Northwest Archaeological Associates, Inc. (NWAA). 2007. APE study area: cultural resources APE map.

All data from Base Data references below except color aerial photography sources.

Exhibit 5-21

SR 519 CH2M HILL Design Team. 2006-2007. Project limits.

NWAA (Northwest Archaeological Associates, Inc.). 2007. Coring Locations: Location of the NRHP-eligible Frederick and Nelson Warehouse within the APE Map.

NWAA. 2007. APE study area: location of the NRHP-eligible Frederick and Nelson Warehouse within the APE map.

CH2M HILL. 2007. Frederick and Nelson Warehouse (digitally created by GIS analyst based on information given from Cultural Resource Discipline Report author): Location of the NRHP-eligible Frederick and Nelson Warehouse within the APE map.

All data from Base Data references below except color aerial photography sources.

Exhibit 5-24

SR 519 CH2M HILL Design Team. 2006-2007. Project limits.

CH2M HILL. 2007. Social institutions (digitally created by GIS analyst from direction from the Social and Economic Factors Discipline Report author): social elements map.

CH2M HILL. 2007. King County Metro base (digitally created by GIS analyst from direction from the Social and Economic Factors Discipline Report author): social elements map.

CH2M HILL. 2007. Mountain to Sound Greenway Trail (digitally created by GIS analyst from direction from the Social and Economic Factors Discipline Report author): social elements map.

US Census Bureau 2000. Census 2000 Summary File 3, Washington State Census Tract: social elements map.

King County. 2006. Trails: social elements map.

All data from Base Data references below except color aerial photography sources.

Exhibit 5-25

SR 519 CH2M HILL Design Team. 2006-2007. Project limits.

Puget Sound Regional Council (PSRC). 2006. FAZ (Financial Area Zones): economic study area map.

All data from base data reference below except color aerial photography sources.

Exhibit 5-31

SR 519 CH2M HILL Design Team. 2006-2007. Project limits.

MAKERS, 2007; City of Seattle, 2005; City of Seattle, 2006. Truck routes with major truck routes focus: major truck routes and destinations in the study area.

MAKERS, 2007; City of Seattle, 2005; City of Seattle, 2006. Parcel with land use focus: major truck routes and destinations in the study area.

All data from base data reference below except color aerial photography sources.

Exhibit 5-36

SR 519 CH2M HILL Design Team. 2006-2007. Project limits.

MAKERS, 2007; City of Seattle, 2005; City of Seattle, 2006.
Bike route: existing pedestrian and bicycle facilities map.

MAKERS, 2007; City of Seattle, 2005; City of Seattle, 2006.
Bike lane: existing pedestrian and bicycle facilities map.

MAKERS, 2007; City of Seattle, 2005; City of Seattle, 2006.
Trails: existing pedestrian and bicycle facilities map.

MAKERS, 2007; City of Seattle, 2005; City of Seattle, 2006.
Bus stops: existing pedestrian and bicycle facilities map.

MAKERS. 2007. Mid block pedestrian crossings: existing
pedestrian and bicycle facilities map.

MAKERS. 2007. Pedestrian staircase: existing pedestrian and
bicycle facilities map.

MAKERS, 2007; City of Seattle, 2005; City of Seattle, 2006.
Parcel and building layer with areas that generate pedestrian
usage.

All data from base data reference below except color aerial
photography sources.

Exhibit 5-54

City of Seattle. 2007. GIS Data CD 3.

SR 519 CH2M HILL Design Team. 2006-2007. Project limits.

Note: GIS Base data layers were used in creating this figure.
All data from base data reference below.

Base Data

All GIS exhibits contain one or more of the following as base
layers:

CH2M HILL. 2007. Stadiums (digitally created by GIS analyst
based on aerial interpretation from King County Aerial 2006).

City of Seattle Standard GIS Disk 2, extract June 2007:

2007. Shoreline

2007. SND (Street Network System)

2007. Parks

2007. Railroad. Updated by CH2M HILL GIS Analyst based from data codes within the Street Network Dataset.

2007. Street Name Annotation Group extracted by CH2M HILL GIS Analyst from Street Network Dataset.

King County. 2006. Water Bodies.

King County. 2006. Streets.

King County. 2002. Color Aerial Photography.

Port of Seattle. 2006. Color Aerial Photography. SR 519 Intermodal Access Project Phase 2