

List of Preparers

Oregon Department of Transportation

Project Management and Review

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Technical Reports Prepared For This Document

Summaries of the following technical reports appear in this environmental assessment. The full reports are lengthier and more detailed than the representative sections found in this document. These reports are available upon request from:

Environmental Services
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Report	Author
Archaeological Report*	Thomas Connolly
Biological Assessment, Fish	Beak Consultants, Incorporated
Biological Assessment, Plants*	Nicholas Testa
Biological Assessment, Wetlands	Ronald Francis
Biological Report	Beak Consultants, Incorporated
Energy Analysis	Donald Crownover
Hazardous Materials Study	Luis Rivas
Historical Report	George Kramer, Rosalind Keeney
Land Use and Planning	Mid Willamette Valley Council of Governments
Noise Study	David Goodwin
Traffic Analysis	Harlan Nale, Roxann Rivord
Visual Resources	Lee Ann Hart-Chambers
Water Quality Analysis	William Fletcher

*Portions of these reports contain information that requires restricted distribution.

Acronyms

a/mvm	accidents per million vehicle miles
AASHTO	American Association of State Highway and Transportation Officials
ADA	American Disabilities Act
ADT	Average Daily Traffic
ATR	Automatic Traffic Recorder
BMS	Bridge Management System
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act (commonly known as Superfund)
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CTGR	Confederated Tribes of the Grand Ronde
dba	Decibels on the A-scale in hourly equivalent pressure levels
DEQ	Department of Environmental Quality
DLCD	Department of Land Conservation and Development
DOGAMI	Department of Geology and Mineral Industries
DSL	Division of State Lands
ECSI	Environmental Cleanup Site Information
EFU	Exclusive Farm Use
EPA	Environmental Protection Agency
ESA	Endangered Species Act
ESU	Evolutionarily Significant Unit
FHWA	Federal Highways Administration
FIRM	Flood Insurance Rate Map
FLH	Federal Lands Highways
FRA	Federal Railroad Administration
HPMS	Highway Performance Management System
IGA	Intergovernmental Agreement
ISTEA	Intermodal Surface Transportation Efficiency Act of 1991
LCDC	Land Conservation and Development Commission
Leq	Indicates an average noise level for a period of time
LID	Local Improvement District
MWACT	Mid Willamette Valley Area Committee on Transportation
MWVCOG	Mid Willamette Valley Council of Governments

NMFS	National Marine Fisheries Service
NPDES	National Pollution Discharge Elimination System
NWI	National Wetlands Inventory
OAR	Oregon Administrative Rule
ODFW	Oregon Department of Fish and Wildlife
ODOT	Oregon Department of Transportation
OHP	Oregon Highway Plan
OPRD	Oregon Parks and Recreation Department
ORE	Oregon Route
ORS	Oregon Revised Statutes
OSMA	Oregon State Museum of Anthropology
OTIB	Oregon Transportation Infrastructure Bank
OTP	Oregon Transportation Plan
PTES	Proposed, Threatened, and Endangered Species
PUC	Public Utility Commission
RCRA	Resource Conservation and Recovery Act
RPS	Regional Problem Solving
SDC	System Development Change
SFM	State Fire Marshall
SHPO	State Historic Preservation Office
SPIS	Safety Priority Index System
STIP	Statewide Transportation Improvement Plan
STP	Surface Transportation Program
T & E	Threatened and Endangered Species
TAC	Technical Advisory Committee
TDM	Travel Demand Management
TEA-21	Transportation Equity Act of the 21st Century
TPAU	Transportation Planning Analysis Unit
TPR	Transportation Planning Rule
TSP	Transportation System Plan
USACE	U. S. Army Corps of Engineers
USFWS	U. S. Fish and Wildlife Service
VPD	Vehicles Per Day

Glossary

A-scale— a rating system that closely represents the human hearing response.

Approach road -- a public or private roadway, or driveway connection intended to provide vehicular access to and from the highway and the adjoining property.

Best Management Practices— schedules of activities, prohibitions of practices, maintenance procedures and other management practices to prevent or reduce adverse impacts to the environment. BMPs can include treatment requirements, operating procedures and practices to control impacts.

Clear zone— the area adjacent to the highway needed for unobstructed views for driver's safety.

Critical habitat— National Marine Fisheries Service and U.S. Fish and Wildlife Service designate specific critical habitat for each listed species. This habitat is the place where the species is known to, or has the potential to live. For fish, it is the stream and adjacent wetlands or riparian habitat.

dBA — decibels on the A scale.

dB=decibel— a unit used to express relative difference in power or intensity, usually between two acoustic or electric signals.

Evolutionarily Significant Unit (ESU)— a group of vertebrates considered “distinct” for Endangered Species Act purposes (National Marine Fisheries Service only). ESU boundaries are determined through the examination of genetic, life history, biogeographic, geologic, and other environmental information.

Hydrologic flashiness— rapidly fluctuating water flows in streams and rivers. Flashiness often results when storm water runs off impervious surfaces, such as paved roadways. Wetlands can reduce flashiness by storing and releasing storm and runoff waters more gradually into the nearby waterways.

Hydrophytic— adapted to grow in water.

Leq— hourly equivalent sound pressure levels.

Neotropical— of or designating the biogeographic region stretching southward from the Tropic of Cancer and including southern Mexico, Central and South America, and the West Indies.

Palustrine wetlands— marshes, bogs, fens, swamps, prairies and intermittently flooded areas.

Passerine— of or relating to birds of the order Passeriformes, which includes perching birds and songbirds such as jays, blackbirds, finches, warblers and swallows. From Latin *passerinus*, of sparrows, from *passer*, sparrow.

Oxygen demand – the depletion of dissolved oxygen in the water by organisms or chemical processes.

Refugia – habitat that functions as protection for a variety of activities including foraging, shelter from predation, over-wintering, and for functions such as flow, and thermal extremes.

Water Quality Limited – can mean one of the following categories (from DEQ):

- (a) a receiving stream which does not meet instream water quality standards during the entire year or defined season even after the implementation of standard technology;
- (b) a receiving stream which achieves and is expected to continue to achieve instream water quality standard but utilizes higher than standard technology to protect beneficial uses;
- (c) a receiving stream for which there is insufficient information to determine if water quality standards are being met with higher than standard treatment technology or where through professional judgement the receiving stream would not be expected to meet water quality standards during the entire year or defined season without higher than standard technology.

Water Quality Limited Streams 303(d) List – Oregon Department of Environmental Quality is required by the federal Clean Water Act to maintain a list of stream segments that do not meet water quality standards. This list is called the 303(d) list because of the section of the Clean Water Act that makes the requirement. The U. S. Environmental Protection Agency approves DEQ's 303(d) lists.

**DRAFT SECTION 4 (F) EVALUATION
Grand Ronde Historic District**

**H. B. Van Duzer Forest Corridor to Steel Bridge Road
Salmon River Highway
Polk County, Oregon**

