

# DRAFT PROJECT PROSPECTUS

## Part 3 Project Environmental Classification

Project Classification	
<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Class 1 DEIS FEIS <b>Class 2 Categorical Exclusion</b> Programmatic Categ. Exclusion Class 3 EA Revised EA

Project Name: <b>S11: OR 18 at Bear Creek Road (MP 4.82)</b>	Bridge No. <b>Not Applicable</b>	County: <b>Lincoln</b>	Reg: <b>2</b>	Area: <b>4</b>	District:
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1) Provide a brief description of the Project **Improve sight distance by vegetation management. Construct an eastbound right-turn lane and westbound left-turn lane.**

2) Estimated Right-of-Way Impacts (Including Easements, Number of Parcels, Acreage, and Improvements) **Right-of-way acquisition from approximately three parcels is anticipated.**

3) Estimated Traffic Volume, Flow Pattern and Safety Impacts (Including Construction Impacts, Detours, etc.) **10,400 ADT (2004); insignificant traffic flow pattern, safety, and construction impacts anticipated**

4) Estimated Land Use and Socioeconomic Impact (Including Consistency with Comprehensive Plan) **None; consistent with Comprehensive Plan (pending, 2007)**

5) Estimated Wetlands, Waterways and Water Quality Impacts **OR 18 crosses Bear Creek at this location. Bear Creek is a perennial stream that drains to the Salmon River approximately 300 feet north of the project site. A field visit indicated potential emergent wetlands are present on a high terrace north of the road within 100 feet. Bear Creek is identified as *riverine upper perennial unconsolidated bottom permanently flooded* (R3UBH) on the National Wetland Inventory Map for Neskowin, Oregon (1985). No other wetlands are identified within the study area. A review of the *Soil Survey of Lincoln County, Oregon* (NRCS, 1994 reveals three soil types mapped within the study area: Chitwood silt loam, 0 to 7 percent slopes, Euchre silt loam, 0 to 3 percent slopes, and Yachats very fine sandy loam, 0 to 3 percent slopes. None of these soils is listed as a hydric soil, but all may contain inclusions of hydric soils. State and Federal 404 Permit for impacts to wetlands or waters may be required.**

6) Estimated Biological & Threatened & Endangered Species Impacts

**Neskowin, Oregon Quadrangle (1985). T6S R10W S34**  
**The Oregon Natural Heritage Information Center (ORNHIC) identifies one listed terrestrial wildlife species and two aquatic species occurring within 2 miles of the project area: Marbled murrelet (*Brachyramphus marmoratus*), Federal and State Listed Threatened; Winter steelhead (*Oncorhynchus mykiss*, pop 31), Oregon Coast ESU, and Chum salmon, (*Oncorhynchus keta*, pop 4), Pacific Coast ESU. The ORNHIC database lists no plant species within the 2 miles of the project area. USFWS identifies no listed or candidate plant species potentially occurring in Lincoln County. Oregon Department of Fish and Wildlife StreamNet identifies Bear Creek as spawning and rearing habitat for Coho Salmon (*Oncorhynchus kisutch*), Winter steelhead, and Chum Salmon (*Oncorhynchus keta*). Bear Creek is not on the Department of Environmental Quality (DEQ) 303D list. Consultation with NMFS may be required.**

7) Estimated Archaeology and Historical Impacts **Review of Oregon SHPO files and consultation with Lincoln County Historical Society identified no archaeological or historic properties. Field reconnaissance showed no apparent impacts. Archaeological field surveys have not been conducted.**

8) Estimated Park, Visual Impacts and 4(f) Potential **None**

9) Estimated Air, Noise and Energy Impacts **A noise analysis is not expected to be required. The project is compatible with the Statewide Air Quality Report.**

10) Estimated Hazardous Materials Impacts **None**

11) Preliminary Identification of Potential Areas of Critical Concern and Controversial Issues **Based on the environmental review, no areas of critical concern or potentially controversial issues have been identified.**

12) Documentation Requirements **Potential Documentation (depending on final project footprint): Wetland Delineation; Ordinary High Water Delineation; State and Federal 404 Permit for impacts to wetlands or waters. Consultation with National Marine Fisheries Service may be required. An archaeological survey report documenting the findings of an archaeological investigation will be required.**

Prepared By: Larry Weymouth, CH2M HILL	FHWA or State Official Approval:		
Date: August 2007	Revised: <input type="checkbox"/>	Phone Number: 541.768.3321	Date:
		Phone Number:	

**REGION ENVIRONMENTAL CHECKLIST  
ATTACHMENT TO PART 3 (PROJECT ENVIRONMENTAL CLASSIFICATION)**

**Project: S11: OR 18 at Bear Creek Road (MP 4.82)**

**Key No:**

**Instructions:**

This checklist should be completed and attached to the Part 3. It will provide information to assist in appropriately classifying projects. A "Yes" answer indicates areas of concern, a "No" answer indicates no concerns, and UNK indicates that you didn't check into that area. The primary intent of the checklist is to ensure these items have been considered, and where appropriate, researched. When something of potential impact is found, explain in the appropriate section of the Part 3. If you have any questions, please call (503) 986-3477. The receptionist will transfer you to the appropriate resource person for assistance.

1. Prepared By: Larry Weymouth, CH2M HILL
2. Phone Number: 541.768.3321
3. Date: August 2007
4. Applicable Bridge Number: Not Applicable
5. A brief description of the project: Improve sight distance by vegetation management. Construct eastbound right-turn lane and a westbound left-turn lane.

**Air Quality**

- |     |    |     |   |
|-----|----|-----|---|
| Yes | No | Unk | 6 Is project in an air quality non-attainment area? <b>NO</b>   |
| Yes | No | Unk | 7 CO <b>NO</b>  |
| Yes | No | Unk | 8 Ozone <b>NO</b>   |
| Yes | No | Unk | 9 PM10 <b>NO</b>  |
|     |    |     | Is project missing from:  |
| Yes | No | Unk | 10 STIP <b>YES</b>  |
| Yes | No | Unk | 11 RTP <b>Not Applicable</b>  |
| Yes | No | Unk | 12 MTIP <b>Not Applicable</b>   |
|     |    |     | 13 Comment (Questions 10,11,12): <b>There is no US Census Urbanized Area or MPO within Lincoln County</b>     |
| Yes | No | Unk | 14 Does the project involve adding lanes, signalization, channelization, and/or alignment changes? <b>YES</b> |
|     |    |     | 15 Comment (Question 14): <b>Adding deceleration and left-turn lane</b>                                       |

**Archaeology**

- |     |    |     |   |
|-----|----|-----|---|
| Yes | No | Unk | 18 Are archaeologically sensitive areas potentially affected (confluence of rivers, headlands, coves, overlooks, etc.)? <b>NO</b> |
|     |    |     | 19 Comment (Question 18):   |
| Yes | No | Unk | 20 Does local city/county Comprehensive Plan indicate potential Goal 5 resources? <b>NO</b>                                       |
|     |    |     | 21 Comment (Question 20):   |
| Yes | No | Unk | 22 Does contact with local BLM or USFS archaeologist indicate any problems? <b>NO</b>   |
|     |    |     | 23 Comment (Question 22):   |
| Yes | No | Unk | 24 Extent and cause of previous ground disturbance (minor, <b>major</b> ), not counting farmed land? <b>Road construction</b>     |
| Yes | No | Unk | 25 Does project entail new ground disturbances? <b>YES</b>  |
|     |    |     | 26 Comment (Question 25):   |
|     |    |     | <b>The State Historic Preservation Office (SHPO) has known archeological sites cataloged. No sites listed or catalogued</b>       |
| Yes | No | Unk | 27 Consulted with the SHPO archeologist? <b>Oregon SHPO files reviewed.</b>   |
|     |    |     | 28 Comment (Question 27): <b>No archaeological or historic sites listed or noted in SHPO file</b>                                 |

**Biology**

- |     |    |     |   |
|-----|----|-----|---|
|     |    |     | USGS Quad Name, Township, Range, Section (Questions 31-34):   |
|     |    |     | 31 : <b>Neskowin, Oregon Quadrangle (1985)</b>  |
|     |    |     | 32 : <b>T6S</b>   |
|     |    |     | 33 : <b>R10W</b>  |
|     |    |     | 34 : <b>S34</b>   |
| Yes | No | Unk | 35 Does contact with local ODFW (District Fish/Game/Habitat/Non-game) biologists indicate any problems? <b>YES</b>        |
|     |    |     | 36 Name of ODFW biologist and comments: <b>See Attachment S11</b>   |
| Yes | No | Unk | 37 Is there any local knowledge of T&E or sensitive (candidate) species in area? <b>Unknown</b>                           |
|     |    |     | 38 Comment (Question 37):   |
| Yes | No | Unk | 39 Are any aquatic T&E species present? <b>Unknown</b>  |
|     |    |     | 40 Comment (Question 39):   |
| Yes | No | Unk | 41 Does contact with local BLM or USFS biologists indicate any problems? <b>YES</b>                                       |
|     |    |     | 42 Name of BLM or USFS biologist and comments: <b>See Attachment S11</b>  |
|     |    |     | 43 What are the results from a Natural Heritage Database check? <b>See Attachment S11</b>                                 |
| Yes | No | Unk | 44 Is stream on ODFW Rivers Information System database? <b>YES</b>   |
|     |    |     | 45 Comment (Question 44): <b>See Attachment S11</b>   |
|     |    |     | 46 Confirmed ODFW preferred in-water work period(s) for project area? (List if applicable): <b>July 1 to September 15</b> |

**REGION ENVIRONMENTAL CHECKLIST  
ATTACHMENT TO PART 3 (PROJECT ENVIRONMENTAL CLASSIFICATION)**

**Project: S11: OR 18 at Bear Creek Road (MP 4.82)**

**Key No:**

**Instructions:**

This checklist should be completed and attached to the Part 3. It will provide information to assist in appropriately classifying projects. A "Yes" answer indicates areas of concern, a "No" answer indicates no concerns, and UNK indicates that you didn't check into that area. The primary intent of the checklist is to ensure these items have been considered, and where appropriate, researched. When something of potential impact is found, explain in the appropriate section of the Part 3. If you have any questions, please call (503) 986-3477. The receptionist will transfer you to the appropriate resource person for assistance.

1. Prepared By: \_\_\_\_\_
2. Phone Number: \_\_\_\_\_
3. Date: \_\_\_\_\_
4. Applicable Bridge Number: \_\_\_\_\_
5. A brief description of the project: \_\_\_\_\_

47 List any streams impacted by project: **Potential indirect impacts to Bear Creek**

Yes No Unk 48 Is the creek or river classified as Essential Salmonid Habitat by the Oregon Division of State Lands? **YES**

**Energy:**

Yes No Unk 51 Does project affect energy use due to traffic patterns or volumes, or involve speed zone changes? **NO**  
52 Comment (Question 51):

**Geology:**

Yes No Unk 55 Discussions with Region Geologist indicate any major concerns? **NO**  
56 Comment (Question 55):

Yes No Unk 57 Drilling / exploration anticipated? **NO**  
58 Comment (Question 57):

**Hazardous Materials:**

Yes No Unk 59 Does contact with local DEQ office indicate any concerns? **NO**  
60 Comment (Question 59):

Yes No Unk 61 Does contact with State Fire Marshal's office indicate any concerns? **NO**  
62 Comment (Question 61):

Yes No Unk 63 Does contact with local fire department indicate any concerns? **NO**  
64 Comment (Question 63):

Yes No Unk 65 Does contact with PUC indicate any highway spills/incidents? **NO**  
66 Comment (Question 65):

Yes No Unk 67 R/W acquisition impacts gas stations / repair shops / industrial sites / landfills, etc.? **NO**  
68 Comment (Question 67):

Yes No Unk 69 Ground disturbances anticipated (excavation / drilling, etc.) near known or potential hazmat sites? **NO**  
70 Comment (Question 69):

Results of check of DEQ lists for each of the following:

Yes No Unk 71 UST **NO**

Yes No Unk 72 Release Incident **NO**

Yes No Unk 73 RCRA **NO**

Yes No Unk 74 Solid Waste **NO**

Yes No Unk 75 TSD **NO**

Yes No Unk 76 Leaking UST **NO**

Yes No Unk 77 Confirmed release **NO**

Yes No Unk 78 Other **NO**

79 List any occurrence on the above items:

**Historical:**

Yes No Unk 82 Does any city/county comp plan list any buildings/items in the project area as Goal 5 resources? **NO**  
83 Comment (Question 82):

Yes No Unk 84 Any impacted sites nominated/listed as eligible for National Register? **NO**  
85 Comment (Question 84):

Yes No Unk 86 Does contact with city/county Historical Society indicate potential resources? **NO**  
87 Comment (Question 86):

Yes No Unk 88 Any buildings in the project area thought to be 50 years or older? **NO**

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3. Date: \_\_\_\_\_
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5. A brief description of the project: \_\_\_\_\_

89 Comment (Question 88):

Yes No Unk 90 Any apparent / unique / suspect structures of possible historical interest? **NO**

91 Comment (Question 90):

Yes No Unk 92 Historic district / trails / bridges? **NO**

93 Comment (Question 92):

Yes No Unk 94 Was the SHPO historic database consulted? **YES**

95 Comment (Question 94):

**Land Use / Planning:**

Yes No Unk 98 Project identified in local transportation improvement plan? **YES**

99 Comment (Question 98): **Pending, 2007**

Yes No Unk 100 Does contact with local jurisdiction planning department indicate any concerns? **NO**

101 Comment (Question 100):

Yes No Unk 102 Is project outside of UGB? **YES**

103 Comment (Question 102):

Yes No Unk 104 Does project cross or touch UGB? **NO**

105 Comment (Question 104):

Yes No Unk 106 Does Coastal Zone Management Act apply? **YES**

107 Comment (Question 106):

Yes No Unk 108 Is there Forest or EFU zoning on or impacted by the project? **NO**

109 Comment (Question 108):

Yes No Unk 110 Are there other protected resources (i.e. estuary, wetlands, greenways, etc.)? **NO**

111 If Yes, list:

Yes No Unk 112 Does contact with local NRCS indicate "High Value" farmland concerns? **NO**

113 Comment (Question 112):

Yes No Unk 114 Farmland Conversion Impact Rating applicable? **NO**

115 Comment (Question 114):

116 List Comprehensive Plan designations being impacted: **R-1 (Residential)**

117 List zoning designations being impacted: **R-1 (Residential)**

Region Planner's opinion that the project conforms with (If not, explain):

Yes No Unk 118 Transportation Planning Rule **YES**

119 Comment (Question 118):

Yes No Unk 120 Statewide Planning Goals **YES**

121 Comment (Question 120):

Yes No Unk 122 Comprehensive Plan (county / city or both) **YES**

123 Comment (Question 122): **Pending, 2007**

**Noise:**

Yes No Unk 126 Any shift in horizontal or vertical alignment? If so, amount of shift: **NO**

127 Horizontal: **NO**

128 Vertical: **NO**

Yes No Unk 129 Does project increase the number of through travel lanes? (See Project Components screen) **NO**

130 Number of existing lanes: **2 travel lanes**

131 Number of proposed lanes: **2 travel lanes**

Yes No Unk 132 Is this a new roadway located on a new alignment? **NO**

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5. A brief description of the project: \_\_\_\_\_

- 133 Comment (Question 132):
- Yes No Unk 134 Any known noise problems / complaints? **NO**
- 135 Comment (Question 134):
- Yes No Unk 136 Will this project result in the removal of topographical features which currently shield receptors? **NO**
- 137 Comment (Question 136):

Approximate number of buildings / activity areas within 61 meters (200 feet) of proposed right of way line:

- 138 Commercial: **0**
- 139 Industrial: **0**
- 140 Public: **0**
- 141 Residences: **4**
- 142 Schools: **0**
- 143 Churches: **0**
- 144 Parks: **0**

**Section 4(f) Potential:**

- Yes No Unk 147 Parks, wildlife refuges, historic buildings, recreational areas, etc., impacted? **NO**
- 148 If yes, explain:

**Section 6(f) Potential:**

- Yes No Unk 151 Land & Water Conservation Funds used to acquire parks, or make improvements, etc.? **NO**
- 152 If yes, explain:

**Socioeconomics:**

- Yes No Unk 153 Do building displacements appear key to economy / neighborhood? **NO**
- 154 Comment (Question 153):
- 155 Number of building displacements? **0**

General use of adjacent land:

- Yes No Unk 156 Residential **YES**
- Yes No Unk 157 Commercial **NO**
- Yes No Unk 158 Farm/Range **NO**
- Yes No Unk 159 Public **NO**
- Yes No Unk 160 Other **NO**
- 161 If other, explain:
- 162 Estimate of number of people living adjacent to project: **10**
- 163 Estimate of number of people working adjacent to project: **0**
- Yes No Unk 164 Divide or disrupt an established community, or affect neighborhood character or stability? **NO**
- 165 Comment (Question 164):
- Yes No Unk 166 Affect minority, elderly, handicapped, low income, transit-dependent, or other specific interest group? **NO**
- 167 Comment (Question 166):

**Visual:**

- Yes No Unk 170 Designated State or Federal Scenic Highway? **NO**
- 171 Comment (Question 170):
- Yes No Unk 172 Oregon Forest Practices Act restrictions apply? **NO**
- 173 Comment (Question 172):

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4. Applicable Bridge Number: \_\_\_\_\_
5. A brief description of the project: \_\_\_\_\_

- |     |    |     |   |
|-----|----|-----|---|
| Yes | No | Unk | 174 Major cut / fills? <b>NO</b>  |
|     |    |     | 175 Comment (Question 174):   |
| Yes | No | Unk | 176 Bridges or large retaining walls anticipated? <b>NO</b>             |
|     |    |     | 177 Comment (Question 176):   |
| Yes | No | Unk | 178 Any rivers on the Oregon Scenic Waterway listing? <b>NO</b>         |
|     |    |     | 179 Comment (Question 178):   |
| Yes | No | Unk | 180 Any rivers on the Federal Wild and Scenic River Listings? <b>NO</b> |
|     |    |     | 181 Comment (Question 180):   |

**Water Ways / Water Quality:**

- |     |    |     |  |
|-----|----|-----|--|
| Yes | No | Unk | 184 Does city / county comp plan list any water resources as Goal 5 resources? <b>NO</b>                                 |
|     |    |     | 185 Comment (Question 184):  |
| Yes | No | Unk | 186 Within FEMA 100-year flood plain? <b>YES</b>   |
|     |    |     | 187 Comment (Question 186): <b>FIRM Flood Insurance Rate Map, Lincoln County, OR. Panel 50 of 475. September 3, 1980</b> |
| Yes | No | Unk | 188 Within FEMA regulated floodway? <b>YES</b>   |
|     |    |     | 189 Comment (Question 188): <b>Lincoln County regulates all areas within the 100-year flood boundary (LCC 1.1395(2))</b> |
| Yes | No | Unk | 190 Water quality limited stream impacted? <b>NO</b>   |
|     |    |     | 191 Comment (Question 190):  |
| Yes | No | Unk | 192 Any active wells impacted? <b>Unknown</b>  |
|     |    |     | 193 Comment (Question 192):  |
|     |    |     | 194 Select range of ADT: <b>10,400 (2004)</b>  |
|     |    |     | 195 Comment (Question 196):  |
| Yes | No | Unk | 196 Navigable waterway(s)? <b>NO</b>   |
|     |    |     | 197 Comment (Question 196): <b>See Attachment S11</b>  |
| Yes | No | Unk | 198 New impervious surface area >= 1,000 sq. meters? <b>Unknown</b>  |
|     |    |     | 199 Comment (Question 198):  |
| Yes | No | Unk | 200 Any irrigation districts impacted? <b>Unknown</b>  |
|     |    |     | 201 Comment (Question 200):  |
| Yes | No | Unk | 202 Are there T&E aquatic species in the receiving water? <b>See Attachment S11</b>                                      |
|     |    |     | 203 Comment (Question 202):  |
| Yes | No | Unk | 204 Existing storm drain system? <b>Unknown</b>  |
|     |    |     | 205 Comment (Question 204):  |

**Wetlands**

- |     |    |     |   |
|-----|----|-----|---|
| Yes | No | Unk | 208 National wetlands inventory maps show any wetlands in the project area? <b>NO</b> |
|     |    |     | 209 Comment (Question 208): <b>See Attachment S11</b>                                 |
| Yes | No | Unk | 210 Soil conservation maps indicate hydric soils in project area? <b>NO</b>           |
|     |    |     | 211 Comment (Question 210): <b>See Attachment S11</b>                                 |
| Yes | No | Unk | 212 Local Comprehensive Plan show any wetlands as protected resources? <b>NO</b>      |
|     |    |     | 213 Comment (Question 212):   |
| Yes | No | Unk | 214 Riparian or wetland vegetation evident from visual inspection? <b>YES</b>         |
|     |    |     | 215 Comment (Question 214): <b>See Attachment S11</b>                                 |

**Permits: (Note: "Unknown" is not a valid response in this section)**

- |     |    |     |  |
|-----|----|-----|--|
| Yes | No | Unk | 218 US Corps of Engineers Section 404 <b>YES</b> |
| Yes | No | Unk | 219 DSL Removal and Fill <b>YES</b>              |

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---

- Yes No Unk 220 DEQ Indirect Source (Air) **NO**
- Yes No Unk 221 PUC (Railroad) **NO**
- Yes No Unk 222 DOGAMI **NO**
- Yes No Unk 223 Coast Guard **NO**
- Yes No Unk 224 Local Jurisdiction National Pollutant Discharge Elimination System (NPDES) **NO**
- 225 Other:

**Clearances: (Note: "Unknown" is not a valid response in this section)**

- Yes No Unk 226 State and/or Federal Endangered Species Act **YES**
- Yes No Unk 227 State Historic Preservation Office (Historic) **NO**
- Yes No Unk 228 State Historic Preservation Office (Archaeological) **NO**
- Yes No Unk 229 FHWA Noise **NO**
- Yes No Unk 230 Air Conformity **NO**
- Yes No Unk 231 DEQ Commercial / Industrial Noise Regulation **NO**
- Yes No Unk 232 Hazmat Materials Clearance **NO**
- Yes No Unk 233 ODOT Erosion Control Plan **YES**

<b>Prepared by:</b>	<b>Phone Number:</b>	<b>Date:</b>
---------------------	----------------------	--------------

**ATTACHMENT S-11**

36	<b>Name of ODFW biologist and comments:</b>	Bob Buckman/Fish Biologist (5/17/2007): "In addition to ORNHIC and StreamNet identified species, Bear Creek is also important habitat for cutthroat trout, chinook salmon and Pacific lamprey. Chinook salmon are abundant in this creek. Bear creek is one of the more productive multi-fish species/salmonid habitats of all the tributaries to the Salmon River." Doug Cottam/District Wildlife Biologist (5/18/07): For bridge or culvert replacement/modification/improvements over stream, "please consider noting that all these stream riparian areas have beaver in them which are important to many species of wildlife along the streams, including coho. I would recommend beaver control devices such as beaver deceivers placed in locations where beaver may build dams that would result in road maintenance problems. Non lethal beaver damage prevention is our goal."
42	<b>Name of BLM or USFS biologist and comments:</b>	David Leal/USFWS (5/11/2007): Possible habitat for marbled murrelet and spotted owl "[S11 is] probably in historic marbled murrelet and northern spotted habitat, however due to extensive logging on private land the existing suitable nesting habitat is mostly a band of mature forest within the Van Duzer Corridor State Park and an even narrower band along the riparian corridors. Murrelets likely fly up the Salmon River corridor to access nesting habitat in the Park. Spotted owls are known from the nearby Experimental Forest but as mentioned most of the large blocks of suitable habitat are in the National Forest or Van Duzer Corridor and habitat on site probably only functions as foraging habitat for owls. Look at the habitat within 300 feet of the project to see if any remnant mature trees are present that could support murrelet nesting. Jeff Smith an ODOT Region 2 Biologist is very knowledgeable about this areas since he recently completed a consultation on a pavement overlay project for this section of highway 18."
43	<b>What are the results from a Natural Heritage Database check?</b>	(ORNHIC) identifies one listed terrestrial wildlife species and two aquatic species as occurring within 2 miles of the project area: marbled murrelet ( <i>Brachyramphus marmoratus</i> ), Federal and State Listed Threatened; winter steelhead ( <i>Oncorhynchus mykiss</i> , pop 31), Oregon Coast ESU, and chum salmon, ( <i>Oncorhynchus keta</i> , pop 4), Pacific Coast ESU. The ORNHIC database lists no plant species within the 2 miles of the project area.
45	<b>Comment (Question 44):</b>	Oregon Department of Fish and Wildlife StreamNet identifies Bear Creek as spawning and rearing habitat for coho salmon ( <i>Oncorhynchus kisutch</i> ), winter steelhead, and chum salmon ( <i>Oncorhynchus keta</i> ).
202	<b>Are there T&amp;E aquatic species in the receiving water?</b>	Oregon Department of Fish and Wildlife StreamNet identifies Bear Creek as spawning and rearing habitat for coho salmon, winter steelhead, and chum salmon.
209	<b>Comment (Question 208):</b>	A field visit indicated potential emergent wetlands are present on a high terrace north of the road within 100 feet.
211	<b>Comment (Question 210):</b>	A review of the Soil Survey of Lincoln County, Oregon (NRCS, 1994 reveals three soil types mapped within the study area: Chitwood silt loam, 0 to 7 percent slopes, Euchre silt loam, 0 to 3 percent slopes, and Yachats very fine sandy loam, 0 to 3 percent slopes. None of these soils is listed as a hydric soil, but all may contain inclusions of hydric soils.
215	<b>Comment (Question 214):</b>	Forested riparian vegetation adjacent to Bear Creek; emergent wetland vegetation present on terrace north of road, between road and creek.

# Purpose and Need Statement

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## OR-18 at Bear Creek Road (MP 4.82)

### Description of the Existing Facility:

OR-18 (Salmon River Highway, State Highway No. 039) is a Statewide Highway on the National Highway System connecting the northern Willamette Valley to the Central Oregon Coast. OR-18 in Lincoln County is two lanes and designated by the Oregon Highway Plan (OHP) as a freight route and truck route. The highway has many curves because of its general alignment adjacent to the Salmon River. However, near the intersection with Bear Creek Road, a rural county road, the highway is fairly straight with shoulders. Traffic on the highway is heaviest on weekends and summer months when many people travel to the Oregon Coast for recreational purposes. Average annual daily traffic is 9,250.

### Purpose of the Project:

The purpose of the project is to improve intersection operations and safety.

### Need for the Project:

- Vehicles stopped to enter the highway from the county road encounter few gaps in traffic during weekends and the summer, increasing the likelihood of risky maneuvers by drivers.
- Vehicles approaching the intersection with OR-18 descend a steep, north-facing grade that creates hazardous conditions when covered with snow or ice.
- Turn lanes for eastbound right-turns or westbound left-turns do not exist. Turn lane warrants are met for both movements under 2005 traffic volumes.
- Two injury and two property-damage crashes have occurred within one-tenth mile of the intersection during the last 5 years.

### Goals and Objectives of the Project:

- Develop improvements that will facilitate the safe operation of the highway through the year 2030.
- Provide a context-sensitive design that recognizes the scenic and other intrinsic values of the highway and communities.
- Minimize environmental impacts and satisfy requirements for environmental permitting.
- Meet the applicable Oregon Highway Design Manual standards and OHP policies (Mobility, Access, Circulation, Major Investment, etc.).
- Engage all interested local, state, and federal agencies and other interested parties in identifying the appropriate solution to the transportation need.