

# Oregon High Hazard Rail Program



# Overview

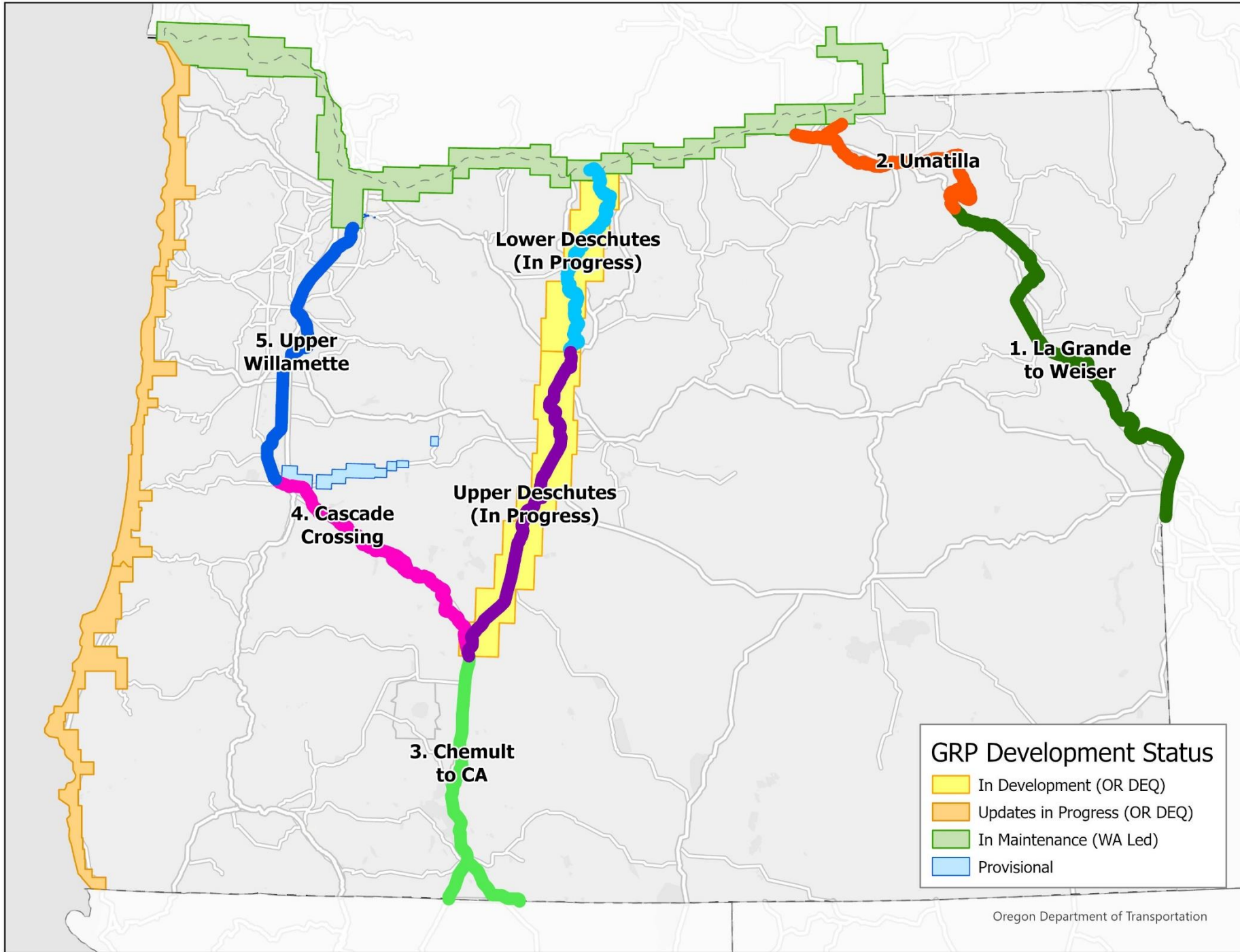
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- High Hazard Rail (HHR) Program in OR
- Contingency and Response Plans
- Geographic Response Plans (GRPs)
- Drills and Exercises
- Program Funding
- HB 2569/HB 2384

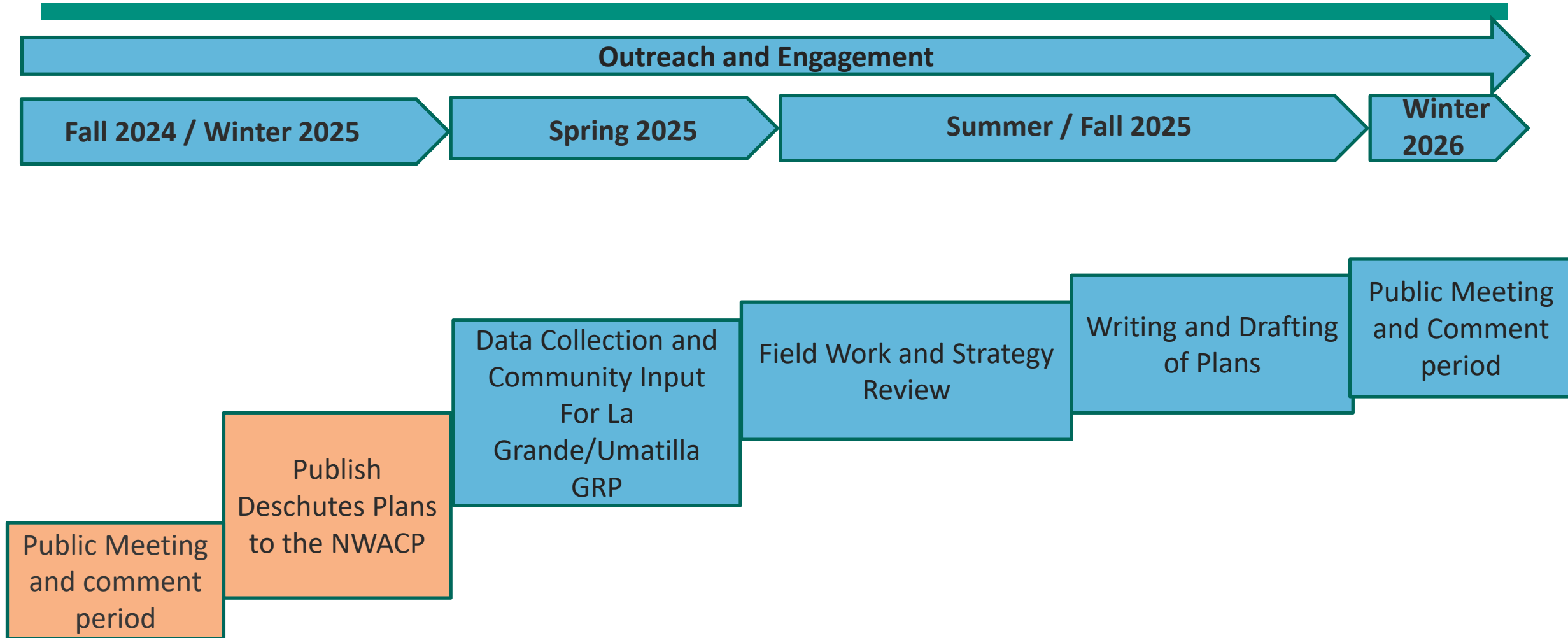
# HHR REQUIREMENTS

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- HHR Route defined
  - Oil transported within  $\frac{1}{4}$  mile of Waters of the State
  - 20 continuous cars or 35 throughout the consist
- Contingency Plan Requirements
- Drill and Exercise Requirements
- Regulatory Requirements



# Timeline for GRP Implementation

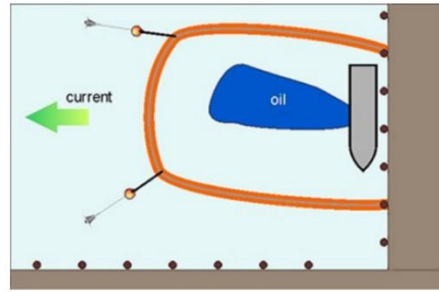


# Geographic Response Strategies

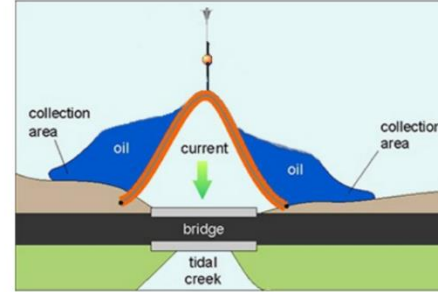
**Geographic Response Strategies provide almost all the information needed to run an oil spill response for the first 24 to 48 hours after a spill begins.**

Each plan focuses on a specific area and contains strategies for collecting oil and keeping it away from important resources.

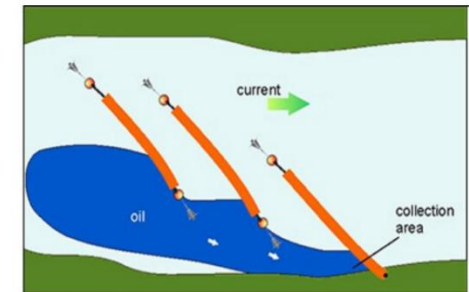
Each strategy is designed to protect natural, tribal, cultural, and certain economic resources.



Containment



Exclusion



Diversion



Collection: Skimming



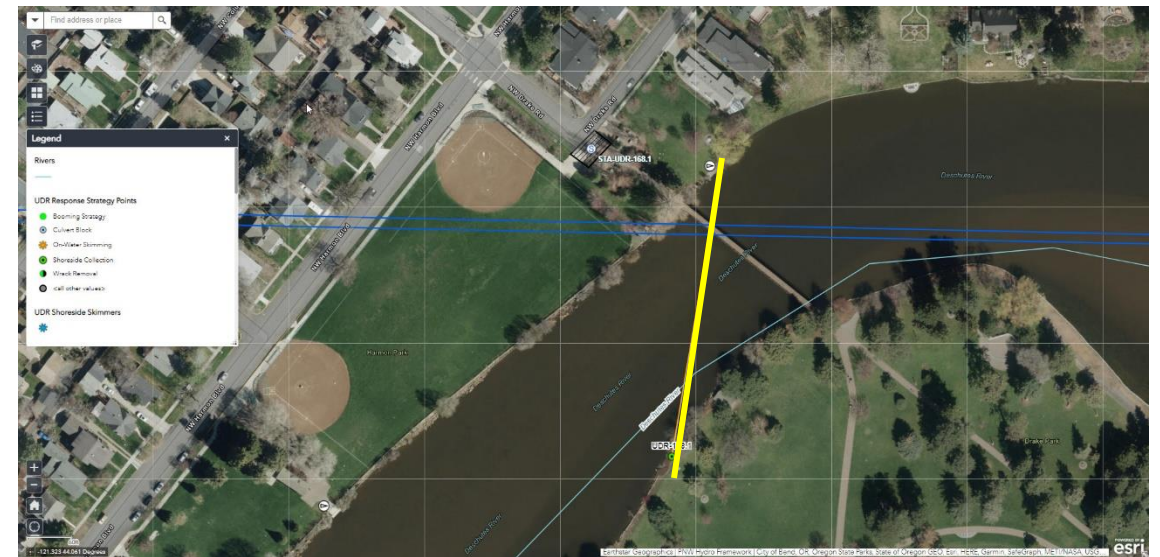
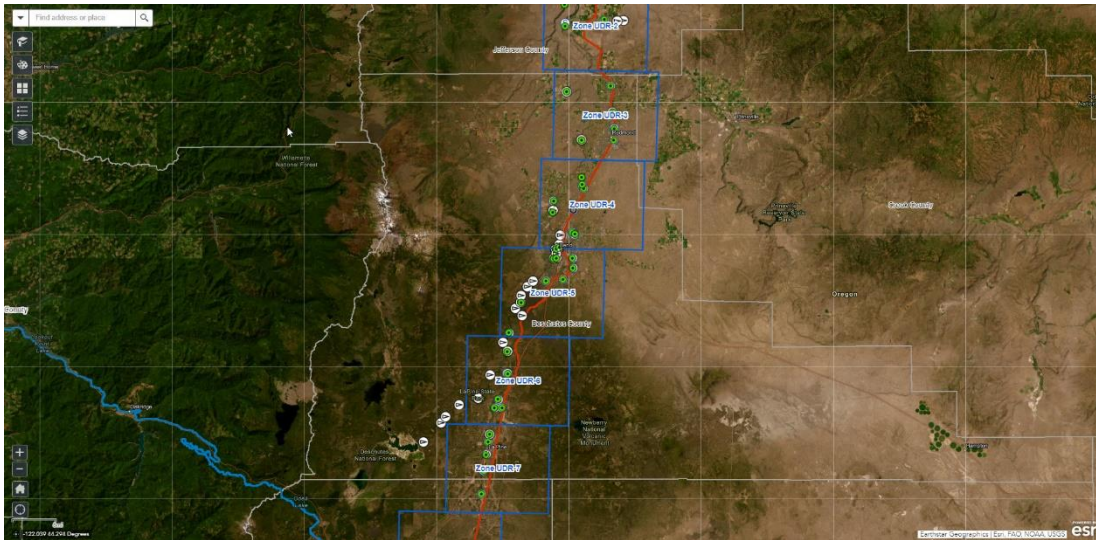
Collection: Absorption

Top row: [Massachusetts DEP](#)  
Bottom row: [NOAA ORR](#)

**\*Not pictured: Notification Strategies**

# Geographic Response Plans

ArcGIS viewer



# Geographic Response Plans

Reed Market Road Bridge (Healy Bridge)		MP 0.8 (RM 168.8)
<b>Site Lat/Long:</b>	44.0406438, -121.3297034 ( <a href="https://www.google.com/maps?hl=en&amp;q=44.0406438+-121.3297034">https://www.google.com/maps?hl=en&amp;q=44.0406438+-121.3297034</a> )	
<b>Strategy Objective:</b>	Collection. Collect and recover spilled material flowing down the waterway from upstream source. Review Pre-SCAT identification at collection point to determine adjacent shoreline type(s) present and evaluate appropriate potential countermeasures.	
<b>Conceptual Strategy Implementation:</b>	<b>Notify Bend Parks and Recreation District (541-389-7275).</b> Deschutes River flow direction at strategy is south to north. Deploy boom and initiate spilled material recovery on river right (right descending) bank. Secure upstream end of boom to existing structure, existing trees, steel post, or large rocks on river left. Secure downstream end of boom to existing structure, existing trees, steel post, or large rocks on river right. Shoreline type(s) at the strategy collection point include: vegetated low banks (9B).	
<b>Site Safety Note(s):</b>	Identify and address potential hazards from spilled material, slips, trips, falls, lifting, equipment ops., water, weather and ice hazards, traffic/roadway hazards, etc. Complete a task-specific Job Safety Analysis; implement PPE appropriate to the task.	
<b>Staging Area:</b>	Large staging area at Farwell Bend Park Parking lots. Restroom Facilities available. Parking 1/4 mile from strategy.	
<b>Field Note(s):</b>	Locals may call it Healy Bridge. Access down bike path. Not plowed in winter months. High-use park. Public launch for floating river in park area.	
<b>Resources Targeted:</b>	Wildlife habitat; downstream municipal & irrigation water supplies; public and private infrastructure; commercial navigation, scientific and recreational use.	
<b>Watercourse Description:</b>	Deschutes River flow direction at strategy is south to north. Medium gradient/sandy rocky river bed, width 200-250 feet.	

**Conceptual Strategy Design: Suggested Equipment and Personnel**

*Suggested Minimum Equipment (increase quantities for high water conditions)*

Quantity	Description
3 - 100 ft. sections	6" by 6" river boom with tow bridges
100 ft.	1/2" polypropylene rigging line
2 ea.	On-land anchor kit(s): Steel anchor posts with clevis hooks/snap rings
0 ea.	In-water anchor kit(s): Danforth anchor, rode line, buoys, light kit(s), etc.

*Suggested Minimum Personnel (increase quantities for high water conditions)*

Quantity	Description
1	Watercraft
As appropriate	Recovery: Portable skimmer, vac-truck, adsorbent boom, etc.
As appropriate	Storage: Spilled materials recovery tank(s)
As appropriate	On-water / Near-water PPE: PFD, rubber boots, first aid kit, etc.
As appropriate	Hand Tools: Post pounder, shovels, knife, 2-drag kit, etc.
As appropriate	Traffic control equip: Cones, candles, caution tape, and lights, etc.

*Status: Field Evaluated (02/2017)*

Reed Market Road Bridge (Healy Bridge)		MP 0.8 (RM 168.8)																																	
<p><b>Site-Specific Notification:</b> Bend Parks and Recreation District: (541-389-7275)</p> <p><b>Spill Reporting / Emergency Contacts:</b>  <b>BNSF Railway ROC:</b> (800) 832-5452  <b>BNSF SID North:</b> (817) 352-2832  <b>National Response Center:</b> (800) 424-8802  <b>USEPA R10 (OR) Spill Response:</b> (206) 553-1264  <b>Oregon DEQ Response Systems:</b> 1-800-452-0311  <b>Oregon Police Northern Command Dispatch:</b> (503) 375-3555  <b>Oregon Office of Emergency Management:</b> (503)-378-2911  <b>Oregon DOT:</b> (888) 275-6368</p>		<p><b>Driving Directions Map</b></p> <p><b>Written Driving Directions</b></p> <table border="1"> <thead> <tr> <th></th> <th>Approx. Time</th> <th>Distance</th> </tr> </thead> <tbody> <tr> <td>1 Start at Bend, OR</td> <td></td> <td></td> </tr> <tr> <td>2 Go west on NW Greenwood Ave toward NW Hill St</td> <td>0 min</td> <td>0.1 mile(s)</td> </tr> <tr> <td>3 Turn left on NW Hill St</td> <td>1 min</td> <td>0.1 mile(s)</td> </tr> <tr> <td>4 Turn left on NW Hawthorne Ave</td> <td>1 min</td> <td>0.1 mile(s)</td> </tr> <tr> <td>5 Turn right on Bond Plwy (US-97 S)</td> <td>2 min</td> <td>1.2 mile(s)</td> </tr> <tr> <td>6 At exit 139 take ramp on the right to Reed MKT. Rd. toward Old Mill D</td> <td>1 min</td> <td>0.2 mile(s)</td> </tr> <tr> <td>7 Turn right on SW Reed Market Rd</td> <td>1 min</td> <td>0.3 mile(s)</td> </tr> <tr> <td>8 At roundabout, take the second exit to proceed on SW Reed Market Rd</td> <td>1 min</td> <td>0.3 mile(s)</td> </tr> <tr> <td>9 At roundabout, take the first exit to proceed on SW Reed Market Rd</td> <td>1 min</td> <td>0.3 mile(s)</td> </tr> <tr> <td>10 Finish at Response Strategy, on the right.</td> <td></td> <td></td> </tr> </tbody> </table>		Approx. Time	Distance	1 Start at Bend, OR			2 Go west on NW Greenwood Ave toward NW Hill St	0 min	0.1 mile(s)	3 Turn left on NW Hill St	1 min	0.1 mile(s)	4 Turn left on NW Hawthorne Ave	1 min	0.1 mile(s)	5 Turn right on Bond Plwy (US-97 S)	2 min	1.2 mile(s)	6 At exit 139 take ramp on the right to Reed MKT. Rd. toward Old Mill D	1 min	0.2 mile(s)	7 Turn right on SW Reed Market Rd	1 min	0.3 mile(s)	8 At roundabout, take the second exit to proceed on SW Reed Market Rd	1 min	0.3 mile(s)	9 At roundabout, take the first exit to proceed on SW Reed Market Rd	1 min	0.3 mile(s)	10 Finish at Response Strategy, on the right.		
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# Drills and Exercises

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- Test the Plans
- DEQ to participate, evaluate, and assist in planning
- Requires HHR Operators to conduct:
  - annual notification exercise
  - triennial oil spill or release response:
    - tabletop exercise
    - functional exercise
    - full-scale

# Program Funding

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Two fees:

- **Gross Revenue Fee:** 0.05% of Gross Operating Revenue generated in the state by HHR Operators - roughly \$400k every FY. (ORS 468B.435 (13a))
- **Per Tank Fee:** \$19 per loaded tank car of oil (ORS 468B.435 13c)
- Fees set to sunset on January 2, 2027
- HB 2384 (as amended) extends the sunset of fees from Jan 1, 2027, to Jan 1, 2029

# Thank You!!



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