

## Appendix A. List of Technical Reports Prepared for the Project

# Technical Reports Prepared for the EA

The following technical reports were incorporated by reference in the I-5 Rose Quarter Improvement Project EA released in February 2019.

Report	Author(s)	Date
<p><i>Active Transportation Technical Report</i></p> <ul style="list-style-type: none"> <li>• <i>Appendix A. Figure Descriptions</i></li> </ul>	<p>John Cullerton, Parametrix  Rory Renfro, Alta Planning and Design  Katie Mangle, Alta Planning and Design  Mike Sellinger, Alta Planning and Design  Kirk Paulson, Alta Planning and Design</p>	<p>January 8, 2019</p>
<p><i>Air Quality Technical Report</i></p> <ul style="list-style-type: none"> <li>• <i>Appendix A. Total Average Annual VMT Summary</i></li> <li>• <i>Appendix B. MSAT Incomplete Information</i></li> <li>• <i>Appendix C. MSAT Analysis Results Tables</i></li> <li>• <i>Appendix D. List of Reasonably Foreseeable Future Actions</i></li> <li>• <i>Appendix E. Figure Descriptions</i></li> </ul>	<p>Martha Moore, P.E., Maul Foster Alongi  Leslie Riley, Maul Foster Alongi  Natalie Liljenwall (Reviewer), ODOT</p>	<p>January 8, 2019</p>
<p><i>Archaeological Resources Technical Report</i></p> <ul style="list-style-type: none"> <li>• <i>Appendix A. List of Reasonably Foreseeable Future Actions</i></li> <li>• <i>Appendix B. Sanborn Fire Insurance Map Set</i></li> <li>• <i>Appendix C. Figure Descriptions</i></li> </ul>	<p>Anisa Becker, AECOM  Sarah McDaniel, AECOM  Brandon Grilc, AECOM  Michelle Stegner, AECOM  Stephanie Butler, AECOM</p>	<p>January 8, 2019</p>
<p><i>Climate Change Technical Report</i></p> <ul style="list-style-type: none"> <li>• <i>Appendix A. MOVES Input Assumptions</i></li> <li>• <i>Appendix B. FHWA ICE Model</i></li> <li>• <i>Appendix C. List of Reasonably Foreseeable Future Actions</i></li> <li>• <i>Appendix D. Figure Descriptions</i></li> </ul>	<p>Martha Moore, P.E., Maul Foster Alongi  Leslie Riley, Maul Foster Alongi  Natalie Liljenwall (Reviewer), ODOT  Michael Holthoff (Reviewer), ODOT</p>	<p>January 8, 2019</p>
<p><i>Environmental Justice Technical Report</i></p> <ul style="list-style-type: none"> <li>• <i>Appendix A. List of Reasonably Foreseeable Future Actions</i></li> <li>• <i>Appendix B. Figure Descriptions</i></li> </ul>	<p>John Kelly, OBEC Consulting Engineers  Jan Aarts, AECOM</p>	<p>January 8, 2019</p>

Report	Author(s)	Date
<p><i>Hazardous Materials Technical Report</i></p> <ul style="list-style-type: none"> <li>• <i>Appendix A. Environmental Database Report</i></li> <li>• <i>Appendix B. Field Survey Photo Log</i></li> <li>• <i>Appendix C. List of Reasonably Foreseeable Future Actions</i></li> <li>• <i>Appendix D. Hazardous Materials Sites of Concern</i></li> <li>• <i>Appendix E. Figure Descriptions</i></li> </ul>	<p>Melinda Borgens, AECOM Susan Garland, AECOM Nicky Moody, AECOM</p>	<p>January 8, 2019</p>
<p><i>Historic Resources Technical Report</i></p> <ul style="list-style-type: none"> <li>• <i>Appendix A. Baseline Survey Results</i></li> <li>• <i>Appendix B. Determinations of Effect</i></li> <li>• <i>Appendix C. Findings of Effect</i></li> <li>• <i>Appendix D. List of Reasonably Foreseeable Future Actions</i></li> <li>• <i>Appendix E. Consultation Record</i></li> <li>• <i>Appendix F. Figure Descriptions</i></li> </ul>	<p>Kirk Ranzetta, AECOM Brandon Grilc, AECOM Anisa Becker, AECOM Timothy Wood, AECOM Shoshana Jones, AECOM Patience Stuart, AECOM Robert W. Hadlow, ODOT</p>	<p>January 8, 2019</p>
<p><i>Land Use Technical Report</i></p> <ul style="list-style-type: none"> <li>• <i>Appendix A. List of Reasonably Foreseeable Future Actions</i></li> <li>• <i>Appendix B. Language Documenting Consideration of Land Use in the Development of the I-5 Rose Quarter Improvement Project</i></li> <li>• <i>Appendix C. OAR 660-012-0060(10)</i></li> <li>• <i>Appendix D. Figure Descriptions</i></li> </ul>	<p>John Kelly, OBEC Consulting Engineers</p>	<p>January 8, 2019</p>
<p><i>Noise Technical Report</i></p> <ul style="list-style-type: none"> <li>• <i>Appendix A. Figures 9, 10, and 11</i></li> <li>• <i>Appendix B. Ambient Field Data Sheets and Photos</i></li> <li>• <i>Appendix C. Calibration Certificates</i></li> <li>• <i>Appendix D. TNM Runs in Electronic Format</i></li> <li>• <i>Appendix E. Traffic Data</i></li> <li>• <i>Appendix F. List of Reasonably Foreseeable Future Actions</i></li> <li>• <i>Appendix G. Mitigation Analysis</i></li> <li>• <i>Appendix H. Figure Descriptions</i></li> </ul>	<p>Craig Milliken, HDR Inc. Jennifer Maze, HDR Inc.</p>	<p>January 8, 2019</p>
<p><i>Right of Way Technical Report</i></p> <ul style="list-style-type: none"> <li>• <i>Appendix A. List of Reasonably Foreseeable Future Actions</i></li> <li>• <i>Appendix B. ODOT Acquisition and Relocation Brochures</i></li> <li>• <i>Appendix C. Figure Descriptions</i></li> </ul>	<p>Debra Mervyn, D.A. Mervyn &amp; Associates, LLC P. Barton DeLacy, MAI, CRE, FRICS, D.A. Mervyn &amp; Associates, LLC; DeLacy Consulting, LLC Erica Antill, AECOM Shannon Fish, ODOT</p>	<p>January 8, 2019</p>

Report	Author(s)	Date
<p><i>Section 4(f) Technical Report</i></p> <ul style="list-style-type: none"> <li>• <i>Appendix A. List of Reasonably Foreseeable Future Actions</i></li> <li>• <i>Appendix B. Finding of Effect and SHPO Concurrence</i></li> <li>• <i>Appendix C. Intergovernmental Agreement and Detour Plan for the Vera Katz Eastbank Esplanade and Willamette River Greenway Trail (Pending)</i></li> <li>• <i>Appendix D. Section 106 Programmatic Agreement (Pending)</i></li> <li>• <i>Appendix E. Figure Descriptions</i></li> </ul>	<p>Kirk Ranzetta, AECOM Robert W. Hadlow, ODOT</p>	<p>January 8, 2019</p>
<p><i>Socioeconomics Technical Report</i></p> <ul style="list-style-type: none"> <li>• <i>Appendix A. List of Reasonably Foreseeable Future Actions</i></li> <li>• <i>Appendix B. Figure Descriptions</i></li> </ul>	<p>James Gregory, HDR Inc. Jeremy Beard, HDR Inc. Brian Bauman, HDR Inc.</p>	<p>January 8, 2019</p>
<p><i>Traffic Analysis Technical Report</i></p> <ul style="list-style-type: none"> <li>• <i>Appendix A. TOAS Report</i></li> <li>• <i>Appendix B. VISSIM Model Intersection Results</i></li> <li>• <i>Appendix C. List of Reasonably Foreseeable Future Actions</i></li> <li>• <i>Appendix D. Figure Descriptions</i></li> </ul>	<p>John Cullerton, Parametrix Ryan LeProwse, Parametrix Rory Renfro, Alta Planning and Design Katie Mangle, Alta Planning and Design Mike Sellinger, Alta Planning and Design Kirk Paulson, Alta Planning and Design Elizabeth Wemple, PE, HDR Inc. Andrew Johnson, HDR Inc. Camille Alexander, HDR Inc. Jeremy Jackson, HDR Inc. Chengxin Dai, HDR Inc. Natalie Sager (Lindsoe), HDR Inc. Meekyung Lee, HDR Inc.</p>	<p>January 8, 2019</p>
<p><i>Transit Technical Report</i></p> <ul style="list-style-type: none"> <li>• <i>Appendix A. Figure Descriptions</i></li> </ul>	<p>John Cullerton, Parametrix Ryan LeProwse, Parametrix Rory Renfro, Alta Planning and Design Katie Mangle, Alta Planning and Design</p>	<p>January 8, 2019</p>

Report	Author(s)	Date
<p><i>Transportation Access Technical Report</i></p> <ul style="list-style-type: none"> <li>• <i>Appendix A. I-5 Rose Quarter Access Management Summary</i></li> <li>• <i>Appendix B. List of Reasonably Foreseeable Future Actions</i></li> <li>• <i>Appendix C. Figure Descriptions</i></li> </ul>	<p>John Cullerton, Parametrix Elizabeth Wemple, PE, HDR Inc. Andrew Johnson, HDR Inc. Camille Alexander, HDR Inc.</p>	<p>January 8, 2019</p>
<p><i>Transportation Safety Technical Report</i></p> <ul style="list-style-type: none"> <li>• <i>Appendix A. List of Reasonably Foreseeable Future Actions</i></li> <li>• <i>Appendix B. Existing Conditions Mainline Crash Analysis</i></li> <li>• <i>Appendix C. Detailed Study Intersection Crash Evaluation</i></li> <li>• <i>Appendix D. Local Street Multimodal Risk/Safety Assessment Results</i></li> <li>• <i>Appendix E. I-5 Rose Quarter Emergency Braking Heatmaps</i></li> <li>• <i>Appendix F. Figure Descriptions</i></li> </ul>	<p>John Cullerton, Parametrix Rory Renfro, Alta Planning and Design Elizabeth Wemple, PE, HDR Inc. Chengxin Dai, HDR Inc. Natalie Sager (Lindsoe), HDR Inc.</p>	<p>January 8, 2019</p>
<p><i>Utilities Technical Report</i></p> <ul style="list-style-type: none"> <li>• <i>Appendix A. Utility Figures</i></li> <li>• <i>Appendix B. ODOT Utility Permit List</i></li> <li>• <i>Appendix C. Utility Relocation Cost Estimates</i></li> <li>• <i>Appendix D. List of Reasonably Foreseeable Future Action Items</i></li> <li>• <i>Appendix E. Figure Descriptions</i></li> </ul>	<p>Tina Adams, PE, Casso Cory Burlingame, PE, Casso Seth Bergeson, AECOM</p>	<p>January 8, 2019</p>
<p><i>Water Resources Technical Report</i></p> <ul style="list-style-type: none"> <li>• <i>Appendix A. List of Reasonably Foreseeable Future Actions</i></li> <li>• <i>Appendix B. Water Quality Conceptual Plan</i></li> <li>• <i>Appendix C. USDA NRCS Web Soil Survey</i></li> <li>• <i>Appendix D. Endangered Species Act Technical Memorandum</i></li> <li>• <i>Appendix E. Figure Descriptions</i></li> </ul>	<p>Ryan Sheean, PE, HDR, Inc. Christine Higgins, PE, HDR, Inc.</p>	<p>January 8, 2019</p>