



OREGON DEPARTMENT OF TRANSPORTATION  
SPR Project Quarterly Progress Report  
July 1, 2023 – September 30, 2023

Research Section  
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**Date:** December 20, 2023

**To:** Technical Advisory Committee Members:  
Curran Mohny, ODOT Lead Engineering Geologist, *co-Champion*  
Kat Silva, ODOT Adaptation & Resilience Program Manager  
Mike Tardif, ODOT Region 2 Senior Engineering Geologist  
Savannah Crawford, ODOT Region 2 Manager  
Janelle Stradtner, ODOT Region 3 Senior Transportation Planner  
Becky Knudsen, ODOT Senior Economist  
Meg Reed, DLCD Coastal Shores Specialist  
Jay Sennewald, Oregon State Parks Ocean Shores Coordinator  
Rhonda Dodge, ODOT Deputy State Surveyor  
Cindy Callahan, FHWA  
Kira Glover-Cutter, ODOT Research Coordinator, *Chair*

**1. Project**

Title: US Highway 101 Coastal Hazard Vulnerability and Risk Assessment for Mitigation Prioritization  
SPR # 843

**2. Project Investigators**

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3. **Project Coordinator**

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4. **Key Dates**

Project start date: August 2020  
Project completion date: October 2023

5. **Overall Project Progress**

Project complete, in implementation phase with Climate Office.

6. **Progress for Quarter**

Specific Progress and Problems during the Quarter of this Report

- Project is in implementation stage; the final report is in the final stages of publication.
- The team is participating in Goal 18 planning workshops with ODOT regions.

Work Planned for the Coming Quarter

- Continue participation in Goal 18 planning workshops and meeting with stakeholders for research rollout.

**\*\*Note: Only fill in the percentage of the project completed for each task.**

**Task 1: TAC Meeting #1**

**Time Frame:** August 2020

Percent complete at the end of this report's quarter: 100%

**Task 2: Data Compilation and Review**

**Time Frame:** August to December 2020

Percent complete at the end of this report's quarter: 100%

**Task 3: Develop Erosion Model(s)**

**Time Frame:** November 2020 to March 2021

Percent complete at the end of this report's quarter: 100%

**Task 4: Develop and Apply Methodology for Hazard Vulnerability Assessment**

**Time Frame:** February to July 2021

Percent complete at the end of this report's quarter: 100%

**Task 5: TAC Meeting #2**

**Time Frame:** August 2021

Percent complete at the end of this report's quarter: 100%

**Task 6: Identify, Analyze, and Prioritize Adaptation Options**

**Time Frame:** August 2021 to ~~February~~ **June** 2022

Percent complete at the end of this report's quarter: 100%

**Task 7: Finalize Prioritization List**

**Time Frame:** ~~February~~ **July** 2022

Percent complete at the end of this report's quarter: 100%

**Task 8: Finalize GIS Data Layers**

**Time Frame:** February to ~~May~~ **December** 2022

Percent complete at the end of this report's quarter: 100%

**Task 9: Draft Final Report**

**Time Frame:** February to ~~July~~ **September** 2022

Percent complete at the end of this report's quarter: 100%

**Task 10: TAC Meeting #3**

**Time Frame:** ~~July~~ **November** 2022

Percent complete at the end of this report's quarter: 100%

**Task 11: Final Report**

**Time Frame:** ~~August~~ **February 2023** to ~~October 2022~~ **March 2023**

Percent complete at the end of this report's quarter: 100%

**Task 12: Research Rollout Sessions**

**Time Frame:** ~~October to December 2022~~ **October 2024.**

Percent complete at the end of this report's quarter: 50%

7. **Project Status**

Project wrapped up nicely. Implementation phase (Task 12) will continue into FY2025. Deliverables well received with high likelihood of high impact for ODOT. Final publication pending.

8. **Finances**

SPR Project Budget Summary Table

<b>VENDOR</b>	<b>FY'21</b>	<b>FY'22</b>	<b>FY'23</b>	<b>FY'24</b>	<b>TOTALS</b>
ORIGINAL BUDGET	\$ 116,600	\$ 116,600	\$ 56,300	\$ -	\$ 289,500
WORK PLAN BUDGET	\$ 99,436	\$ 163,498	\$ 26,566		\$ 289,500
<b>REVISED BUDGET</b>	<b>\$115,444</b>	<b>\$ 125,891</b>	<b>\$ 48,165</b>	<b>\$ 1</b>	<b>\$ 289,501</b>
EXPENDITURES - VENDOR	\$ 115,444	\$ 125,891	\$ 52,991	\$ -	\$ 294,326
<b>BALANCE</b>	<b>\$ 0</b>	<b>\$ (0)</b>	<b>\$ (4,826)</b>	<b>\$ 1</b>	<b>\$ (4,825)</b>
<b>ODOT</b>	<b>FY'21</b>	<b>FY'22</b>	<b>FY'23</b>	<b>FY'24</b>	<b>TOTALS</b>
ORIGINAL BUDGET	\$ 4,000	\$ 4,000	\$ 4,000		\$ 12,000
<b>REVISED BUDGET</b>	<b>\$ 6,562</b>	<b>\$ 6,317</b>	<b>\$ 14,000</b>	<b>\$ 1</b>	<b>\$ 26,880</b>
EXPENDITURES - ODOT	\$ 6,562	\$ 6,317	\$ 12,211	\$ -	\$ 25,090
<b>BALANCE</b>	<b>\$ (0)</b>	<b>\$ 0</b>	<b>\$ 1,789</b>	<b>\$ 1</b>	<b>\$ 1,790</b>
<b>PROJECT</b>	<b>FY'21</b>	<b>FY'22</b>	<b>FY'23</b>	<b>FY'24</b>	<b>TOTALS</b>
ORIGINAL BUDGET	\$ 120,600	\$ 120,600	\$ 60,300	\$ -	\$ 301,500
<b>REVISED BUDGET</b>	<b>\$ 122,006</b>	<b>\$ 132,208</b>	<b>\$ 62,165</b>	<b>\$ 2</b>	<b>\$ 316,381</b>
EXPENDITURES - PROJECT	\$ 122,006	\$ 132,208	\$ 65,202	\$ -	\$ 319,416
<b>BALANCE</b>	<b>\$ (0)</b>	<b>\$ 0</b>	<b>\$ (3,037)</b>	<b>\$ 2</b>	<b>\$ (3,035)</b>