CMAQ Application

Oregon Department of Transportation

INSTRUCTIONS

Review ODOT's CMAQ Guidelines for allowable project types and eligibility (ODOT allows fewer project types than FHWA). Fill out pages 1 through 3 and then submit to ODOT.

PROJECT INFORMATION

Project Title: Delta Waters Rd - Waterford Ct to Colonial Ave **STIP #:**

Agency *(applicant)*: City of Medford Public Works Engineering **Public-Private Partnership?** ☐ Yes or ☑ No

Address: 200 S Ivy St, Medford, OR 97501 **Primary Contact:** Karl MacNair

Email: karl.macnair@cityofmedford.org **Telephone:** 541-774-2115

Responsible Agency: **MPO *(if applicable)*:**

Project Delivery: ☐ Certified Agency ☐ SFLP (non MPO) ☑ ODOT Delivered

PROJECT CATEGORY

Applicant Certifies by checking box that Project meets requirements as outlined in ODOT CMAQ Guidelines.

☐ Public Transportation Improvements
☐ Traffic Flow Improvements for Congestion Reduction
☐ Transportation Options Strategies
☐ Vehicle and Fuel Efficiency Efforts
☑ Pedestrian/Bicycle Infrastructure
☐ Road Dust Mitigation (PM10 areas only)
☐ ITS for Congestion Reduction
☐ Project is a TCM

Infrastructure project is on a: ☑ Bikeway or Sidewalk ☑ Roadway ☐ Transit ☐ Other

Non-Infrastructure Project includes: ☐ Operating Assistance ☐ Outreach/Education

PROJECT LOCATION

Street(s) Name (or Nearest Street): Delta Waters Road

Cross Streets, Termini: Waterford Ct to Colonial Ave **Functional Class:** Major Collector

Project Location (City): Medford, OR **Total Linear Feet:**

DETAILED COST ESTIMATE / SCHEDULE

Provide cost, including match, for eligible components. ***Use additional sheets for detailed estimate.***

Phase	Program FYs *(beginning & completion)*	Other Federal	CMAQ	Local	non Fed	Total
Project Development						$ 0.00
Design/Engineering			$ 471,082.50	$ 53,917.50		$ 525,000.00
Right of Way			$ 157,027.50	$ 17,972.50		$ 175,000.00
Construction			$ 1,166,490.00	$ 133,510.00		$ 1,300,000.00
Operating Assistance *(if applicable)*						$ 0.00
Other						$ 0.00
Totals	$ 0.00	$ 0.00	$ 1,794,600.00	$ 205,400.00	$ 0.00	$ 2,000,000.00

Duration of Project Funding (Years) 2 Expected first year of billing 2025

Funding Responsibility

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DETAILED COST ESTIMATE / SCHEDULE

Detailed cost estimate is attached. The total project cost is estimated at approximately $2,000,000. The project is expected to start design in FFY 2025, bid and construction anticipated in FFY 2026.

PROJECT NARRATIVE

Delta Waters Rd is fully improved to Major Collector standards between Crater Lake Ave and Foothill Rd, except for approximately 600' between Nome Ct and McLoughlin Dr, and another 300' east of McLoughlin Dr. Delta Waters Rd includes continuous sidewalk and is striped with center turn lane and bike lanes west of Waterford Ct. The sidewalks are discontinuous on the north side and there are no bike lanes or center turn lane east of Waterford Ct. Abraham Lincoln Elementary school sits north of Delta Waters at McLoughlin Dr. The road needs approximately 900' of road widening and sidewalk on the north side between Nome Ct and Bedford Circle, sidewalk infill on the north side east of Bedford Circle, and restriping from Waterford Ct to Colonial Ave to complete the bike and pedestrian facilities on the roadway.

EMISSIONS REDUCTIONS

The project promotes alternative modes of transportation by filling in gaps in the bicycle and pedestrian system. Abraham Lincoln Elementary is just north of the intersection of Delta Waters Rd and McLoughlin Dr, which is within the footprint of the project, so the project will support more students being able to walk or roll to school. Emission reductions calculated using the NCHRP CMAQ Emissions tool are provided below.

Use the following boxes to show estimated reduction amount (kg/day).

VOC	0.0050	PM2.5	0.0003	PM10	0.0010
NOx	0.0055	CO	0.0839	CO2	
Duration of PM10 & CO Benefit				Years	

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SUPPORTING INFORMATION
List all applicable and attach documents to submittal email.
• Map showing project location **(required)** • Project Sketch/drawings, or metropolitan plan documentation **(required)** • Cost Effectiveness Assessment $Million/Kg per day **(required for MPOs)** • Overview/summary of MPO public process and criteria in project selection **(required for MPOs)** • Documentation if Project is a TCM in an approved SIP • Additional quantitative or qualitative emissions analysis information • Any other supporting documentation that may support successful award • Buy America information or waiver request (if applicable) • Indicate what level of Operating Assistance will be required (if applicable)

SUBMISSION		
Submitted By:	Karl MacNair Digitally signed by Karl MacNair Date: 2022.05.27 16:02:56 -07'00'	5/27/2022
	Karl MacNair, Transportation Manager	Date
Submit Completed Application to:		
E-mail: mailto:CMAQ@odot.state.or.us **| Subject Line:** CMAQ [Agency Name] Application [Year]		

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REVIEW AND APPROVAL (ODOT USE ONLY)	
Project Title: Delta Waters Rd - Waterford Ct to Colonial Ave	
ODOT Emissions Review: _____ Air Quality Program Coordinator	5/27/2022 Date
ODOT CMAQ Program Manager: ☐ Accept or ☐ Reject	5/27/2022 Date
_____ FHWA CMAQ Coordinator	5/27/2022 Date
FHWA Concurrence / Rejection: ☐ Concurrence or ☐ Rejection	