

ODOT CARBON REDUCTION PROGRAM

2024 Small Urban and Rural Call for Projects

RYE BAERG – ODOT CLIMATE OFFICE

AGENDA

- Housekeeping (5 mins)
- Small Urban and Rural Call for Projects Overview (10 mins)
- Application (15 mins)
- Award and Project Delivery (5 mins)
- Next Steps and Questions (25 mins)

HOUSEKEEPING



Presentation will be recorded



Please hold discussion until the end and post questions in the chat as we go



Please stay on mute unless talking

SMALL URBAN AND RURAL CALL FOR PROJECTS OVERVIEW



OREGON CARBON REDUCTION PROGRAM

- BIL created a new Carbon Reduction Program (CRP) to reduce carbon emissions
- Oregon will receive a total of \$82 million for FY 2022-2026
- Geographic distribution of funds
- \$24 million available for Small Urban and Rural Areas
 - \$12 million in 2023
 - \$12 million in 2024



SMALL URBAN AND RURAL CALL FOR PROJECTS

- Eligible entities include cities, counties, tribal governments, local transportation agencies
- Urban and Rural areas with less than 200,000 residents
- Local match of 10.27%*
- Applications accepted March 1 - May 31, 2024

*Projects on Indian Reservations, in national parks and monuments are eligible for 100% federal funding.

2024 SMALL URBAN AND RURAL FUNDING

Urbanized/Rural Area	Estimated FY 22-26 Available Funding
Albany Area	All funding allocated in 2023
Bend Area	All funding allocated in 2023
Corvallis Area	All funding allocated in 2023
Rogue Valley Area	\$1,606,183
Grants Pass Area	\$655,092
Population Areas 49,999-5000	\$5,912,335
Population Areas <5,000	\$3,760,759

*Dollar values are estimates and are subject to change.

STRATEGIES AND PRIORITIES



Vehicle and Fuel
Technology



Systems and
Operations



Transportation
Options



Pricing



EXAMPLE FEDERAL ELIGIBLE PROJECT TYPES

- Traffic monitoring, management, control facilities, and congestion management technologies
- Public transit projects
- Bike, pedestrian, and non-motorized facilities
- Infrastructure-based intelligent transportation systems
- Energy efficient street lighting and traffic control devices
- Congestion pricing, tolling and transportation demand management strategies
- Alternative fuel vehicle projects (public charging, hydrogen, natural gas and propane fueling)
- Diesel retrofits
- Projects that reduce truck impacts or port emissions, including port electrification



SMALL URBAN AND RURAL SELECTION CRITERIA



Climate Benefits (60)



Local Support and Engagement (10)



Equity (10)



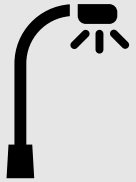
Opportunities and Innovation (10)



Project Readiness (10)



SMALL URBAN AND RURAL EXAMPLE PROJECTS



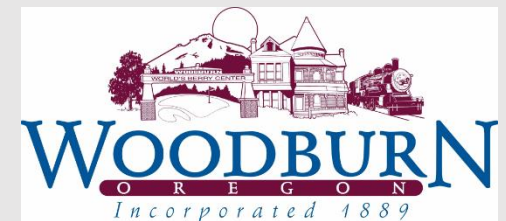
- Solar streetlights



- Mobility Points with carsharing and bicycle sharing.



- Electric bus and charging equipment



APPLICATION PROCESS



APPLICATION PROCESS OVERVIEW

- Review program guidance and sample application on the website
- Click on the [application link](#) on the program website
- Complete each application section
- Identify and collect needed supporting documentation
- Request Regional Manager's signature by May 20, 2024
- Complete and submit application

APPLICATION SECTIONS

- Contact Information
- Project Overview
- Cost Estimate
- Project Description
- Evaluation Criteria
- Submission



CARBON REDUCTION PROGRAM APPLICATION

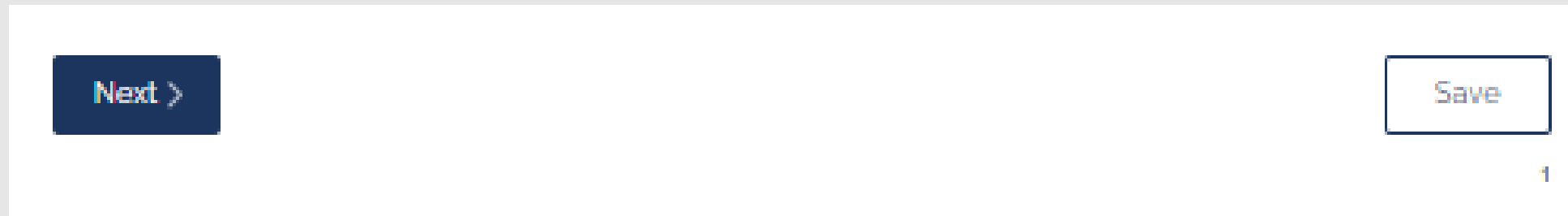
2024 SMALL URBAN AND RURAL CALL FOR PROJECTS

- 1 Contact Information
- 2 Project Overview
- 3 Cost Estimate
- 4 Project Description
- 5 Evaluation Criteria
- 6 Submission



SAVING AND RESUMING YOUR APPLICATION

- You may save your application at any point using the Save button
- You need to email yourself the link to your application to resume editing
- Once you submit, you will no longer be able to edit your application



SUPPORTING DOCUMENTATION*

NOTED IN THIS PRESENTATION WITH * THE TITLE

- Project Map
- Additional Location Information (if more than one)
- Line-Item Budget
- Scope of Work
- Schedule
- [Local Agency Technical Scope Sheet](#)
- Equity Documentation
- [Regional Manager Signature Sheet](#)
- Emissions Analysis (Optional)
- Letters of Support (Optional)
- Other Documentation (Optional)

CONTACT INFORMATION

CONTACT INFORMATION

Project Title *

Enter the project's title using ODOT's Statewide Transportation Improvement Program naming conventions: [ODOT'S PROJECT NAMING CONVENTION](#)

Do not use the agency name in the title. Max 60 characters.

Agency (Applicant) *

Enter the name of the agency applying for the Carbon Reduction Program grant.

Address *

Enter the applicant agency's primary address.

Primary Contact *

Enter the primary contact for the project that ODOT should coordinate with to answer any questions about the application.

Email *

Enter the primary contact's email address.

Phone *

Enter the primary contact's phone number

Metropolitan Area *

Enter the name of the metropolitan area where the projects is located if applicable. Otherwise enter N/A.

ODOT Region *

[Click Here](#) to find your Region.

County *

Enter the name of the county where the project is located. If the project is located in more then one seperate the names with a comma (e.g. Baker, Grant).

Area Commission on Transportation *

[Click Here](#) to find your Area Commission on Transportation.

PROJECT OVERVIEW

PROJECT OVERVIEW

Statewide Transportation Improvements Program - Project Description *

Please use Statewide Transportation Improvements Program (STIP) project description conventions for the project description (Max 1000 characters): [ODOT'S PROJECT NAMING CONVENTION](#)

Carbon Reduction Strategies and Priorities

The following section outlines the strategies and priorities of the Carbon Reduction Program. Please select the type of project that you are applying for. Projects may contain multiple elements - select all that apply.

Vehicle and Fuel Technology: Increase the operating efficiency of multiple transportation modes through transitions to more fuel-efficient vehicles, fuels that produce fewer greenhouse gas emissions or have lower carbon intensity, and improvements in engine technologies.

- Increase adoption of fuel-efficient vehicle technologies and shift to alternative fuels that produce less emissions, including renewable diesel.
- Increase availability of electric vehicle charging infrastructure, expand the charging network, and identify opportunities for new electric vehicle charging corridors.
- Support transit and public fleets to transition to electric vehicles or low emission fuels.

Area Population *

200,000-50,000 ▼

Select the areas population where the project will be located.

Project Location

Milepost From:

If the project does not have a Milepost location, latitude and longitude will be sufficient.

Milepost To:

Route:

Bridge #:

Begin Latitude: *

Latitude should include 5 decimal places (e.g. 44.94513).

End Latitude:

Latitude should include 5 decimal places (e.g. 44.94513).

Begin Longitude: *

Longitude should include 5 decimal places (e.g. 44.94513).

End Longitude:

Longitude should include 5 decimal places (e.g. 44.94513).

PROJECT MAP AND ADDITIONAL LOCATIONS*

- Project Map could include:
 - Project boundaries
 - Site plan
 - Relevant utility information
 - Sites for multiple locations
- Additional Locations
 - Provide a list of the latitude and longitude for each location
 - Required for STIP entry

Project Map *

Upload

or drag files here.

Attach a project map showing the general location of all project elements.

Additional Locations

Upload

or drag files here.

If the project has more than one location, attach a list with your supporting documentation that includes the data for each location. At a minimum the project's Latitude and Longitude must be provided.

COST ESTIMATE

COST ESTIMATE

Provide a cost estimate for eligible components by phase. Select phases that will be included in your projects by clicking on the + symbol for each phase.

A local match of 10.27% is required for each each phase unless the project is exempt from providing a match (See Program Guidance [ADD LINK](#)).

Planning

	Phase	Total	CRP	Other Federal	Local Match	Non-Federal
(x)	Planning	\$0.00				

Preliminary Engineering/Design

	Phase	Total	CRP	Other Federal	Local Match	Non-Federal
(x)	PE/Design	\$0.00				

Total Project Cost: *

Total CRP Request: *

Total Local Match: *

Total Other Costs:

Project Delivery *

ODOT expects to deliver most Carbon Reduction Program projects on behalf on non-certified local public agencies. To see if your agency is certified see this list of [certified local public agencies](#).

ODOT Delivery Cost: *

For non-certified local public agencies, ODOT will deliver the project. Some transit projects may be delivered by the local agency. See program guidance for more information.

Delivery costs average roughly 10% of project costs. Enter the amount included in the project budget for ODOT delivery. Connect with your [ODOT Region](#) for questions about project delivery and help estimating costs.

If ODOT will not deliver your project enter \$0.00.

Project Contingency: *

Projects are required to add a contingency to their budget estimates. ODOT recommends 20-30% to cover inflation and other unforeseen costs. Enter the amount included in the project budget for contingency.

COST ESTIMATE

Local Match/Non-federal Funds *

Describe the source of the local match or any non-Carbon Reduction Program funds included in the project.

Ineligible/Non-participating Costs

Detail any CRP ineligible components or non-participating costs and how they are funded.

Expected First Year of Project *

Expected Duration of Project (in Months) *

Enter the year of the project's desired start date. ODOT delivered projects will require approximately 10-15 months from award to contract completion prior to any construction.

Line Item Budget *

or drag files here.

Attach a detailed line item budget (must include costs per unit, expected costs per phase of the project, etc.).

LINE-ITEM BUDGET*

- Match must be provided for each phase (10.27%)
- Contingency (20-30%)
- ODOT Delivery Costs (10%)
- FTA delivered projects should connect with their regional transit coordinator
- Consider
 - Supply chain disruptions
 - Inflation
 - Build America, Buy America
- Breakdown costs by expense and phase
 - Expenses
 - Electric Vehicles
 - Utility Upgrades
 - Mile of Bike Path
 - Transit Shelters
 - Streetlights
 - Installation Costs
 - Phases
 - Planning
 - Preliminary Engineering
 - Right of Way
 - Construction
 - Other

ODOT WILL NOT PAY FOR PROJECT EXPENSES BEYOND THE AWARDED AMOUNT!

PROJECT DESCRIPTION

PROJECT DESCRIPTION

Problem Statement *

Define why there is a need for this project and how it was identified. This can be an issue that needs to be resolved, or an opportunity to provide a benefit to the transportation system and surrounding communities. Outline what the benefits of addressing the issue are or what the risks associated with not completing the project might be.

Proposed Solution *

What is the proposed solution to the identified need? Describe how the proposed solution will address the problems/opportunities identified above. Explain any alternatives that still need to be looked into or considered.

Project Outcomes, Goals, and Priorities *

What does success look like at the conclusion of the proposed project? What are the expected results? Describe what outcomes must be met in order for the project to be successful.

Project Deliverables *

Provide a description of the deliverables expected to be delivered by the project. These should include the number of each type of improvement (e.g. vehicles, chargers, streetlights, etc.).

SCOPE OF WORK*

Must Include:

- Milestones
- Responsible Parties
- Expected Deliverables

• Considerations:

- **Who is delivering the project**
- Right of way availability
- Utility relocations
- Vehicles/equipment available on the market
- NEPA impacts

Scope of Work *

or drag files here.

Attach a scope of work that outlines all expected deliverables and milestones for the project. Applications without a well defined scope of work may be determined to be incomplete.

SCHEDULE*

- Include expected timeline for each phase of the project
 - Project initiation not likely to begin until fall/winter 2025
- Gant chart is preferred but other formats accepted


Schedule *

Upload or drag files here.

Attach a schedule for the project that outlines the expected timeline for implementation. Include expected start dates for each phase of your project in the project's schedule.

LOCAL AGENCY TECHNICAL SCOPE SHEET*

- Required for project delivery
- Some sections may not be applicable
 - Leave them blank
- Contact your ODOT region for support in filling it out
- Yellow boxes provide directions on how to complete the form



LOCAL AGENCY TECHNICAL SCOPE SHEET
Part 1 of 2: Project Request

FORM OVERVIEW

Sections 1-4 of this form replace Prospectus Part 1.

										KEY NUMBER	JURISDICTION	1		
PROJECT STIP NAME										REGION	DISTRICT			
ROAD/STREET NAME			BRIDGE NO.		CITY		MPO		UGB		COUNTY	FROM MP	TO MP	
HIGHWAY NUMBER		HIGHWAY NAME										URBAN/RURAL		
ROUTE NUMBER		NHS		HPMS		FC		APPLICANT (IF OTHER THAN STATE)				US REP	OR SEN	OR REP

COST ESTIMATES (X \$1,000)		PROJECT COMPONENTS		RIGHT OF WAY		2
Preliminary Engineering				Files (number)		
Right of Way				Acres (number)		
Utility Reimbursement				Acquisitions (number)		
Planning				Easements (number)		
Other				RELOCATIONS		
CONSTRUCTION				Business (number)		
Roadway				Residential (number)		
Structures				ACCESS CONTROL		
Signals				CURRENT	PROPOSED	
Temp. Protect.				ADMINISTRATOR		
Constr. Contingencies				CONSTRUCTED BY		
Constr. Engineering				<input type="checkbox"/> Contract	<input type="checkbox"/> County Force	
Detour				<input type="checkbox"/> State Force	<input type="checkbox"/> City Force	
Other				<input type="checkbox"/> Other: _____		
Total CE and Construction				PROJECT CATEGORIES		
Total Estimate				Environmental Classification (1,2,3,PCE)		
				Design Category		
				Work Classification		
				Primary STIP Work Type		

Recommended bid date (Quarter-Year):

PE FUNDING PROGRAM	PE MATCH RESPONSIBILITY	R/W FUNDING PROGRAM	R/W MATCH RESPONSIBILITY	3
UR FUNDING PROGRAM	UR MATCH RESPONSIBILITY	CE-CN FUNDING PROGRAM	CE-CN MATCH RESPONSIBILITY	
PL FUNDING PROGRAM	PL MATCH RESPONSIBILITY	OT FUNDING PROGRAM	OT MATCH RESPONSIBILITY	

FUNDING NOTES

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
Travel Lanes (number)			Average Daily Traffic		
Structures (number)			Year of ADT		
Signals (number)			Throughway?		
Bikeway (number)					

Define the problem:

Describe proposed solution (attach vicinity map to this document):

PREPARED BY	DATE	ODT APPROVAL DATE	PROGRAM YEAR	FUNDING AMOUNT
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CRITERIA QUESTIONS – CLIMATE BENEFITS

1. **Climate Benefits (60 pts)** – Does the project effectively reduce greenhouse gas emissions from transportation?

- a) Will the project result in a direct reduction of transportation greenhouse gas emissions, or will the project lead to mode shift or the use of less carbon intensive transportation options?

Projects that can show a more direct or a highly probable reduction (rather than potential reduction) will receive more points. Projects that incorporate carbon reduction strategies during construction only or as a minor component of a larger project will be considered for those components only. ODOT will consider funding these projects if they are part of pilot programs that will lead to systemic changes in the agency's project delivery process. The agency must explain why the larger project budget is not sufficient to incorporate these components without Carbon Reduction Program funding.

- b) Explain when emissions reductions from the project will occur. Will emissions reductions happen quickly or be achieved over a longer time frame?

Projects that deliver the reductions sooner and that show benefit over a longer time frame will receive more points.

CRITERIA QUESTIONS – LOCAL SUPPORT AND ENGAGEMENT

2. **Local Support and Engagement (10 pts)** – What is the level of community commitment and support for the project?
 - a) What community engagement efforts informed development or identification of the project? Is support demonstrated from relevant partners?
 - b) How will the community know the desired outcomes were achieved?

CRITERIA QUESTIONS - EQUITY

3. **Equity (10 pts)** – Does this project mitigate impacts from emissions or reduce barriers and increase benefits to historically disadvantaged communities? Geographic and demographic considerations, individual project elements, and Justice40 benefits will be considered. *Please attach or link any relevant supporting documentation and plans. ODOT Social Equity Map and other tools are available.*

a. Does the project provide benefit to communities identified by the ODOT Social Equity Index (ODOT SEI) and Justice40 criteria (CEJST)?

*Provide the level of disparity from ODOT’s Social Equity Index **and** Justice40 for each census tract where the project is located. Agencies may also provide data based on local equity tools. Screenshots of each tool used should be attached with the supporting documentation for the project.*

b. How will this project provide benefits to historically disadvantaged community members?

Provide a narrative description of the benefits the project will have to disadvantaged community members. If a local equity tool was used to determine disadvantaged status please describe the tool and outcomes here.

SUBMITTING EQUITY DATA

- Must include ODOT SEI and CEJST for each census tract
 - Use the + symbol to add additional rows
- Can use local agency tools to supplement
- Must provide screen shots of each census tract

Equity (10 points) - Does this project mitigate impacts from emissions or reduce barriers and increase benefits to historically disadvantaged communities?

PART 1: Does the project provide benefits to communities identified by the ODOT Social Equity Index and Justice40 criteria?

Provide the level of disparity from ODOT's Social Equity Index **and** Justice40 for each census tract where the project is located. Agencies may also provide data based on local equity tools. Screenshots of each tool used should be attached with the supporting documentation for the project.

ODOT Social Equity Index (ODOT SEI) can be found in the Planning and Climate Change Resilience layers in the Layer Catalog.

1. Apply the layer
2. Click the Identify Features button
3. Select the census tract(s) for the project area to display the Disparity Category
4. Take a screenshot

Justice40 Climate and Economic Justice Screening Tool (CEJST) indicates whether or not a location meets the federal definition for disadvantaged.

1. Zoom in on Oregon
2. Select your census tract(s)
3. Take a screenshot (make sure it includes the "Identified as Disadvantaged" section of the tool)

	Tool *	Census Tract Number *	Level of Disparity/Disadvantaged/Local *
⊗	ODOT SEI	34525	SEI-Medium High Disparity
⊗	CEJST	34525	CEJST-Disadvantaged

EQUITY SCREENSHOTS*

ODOT FACS STIP
Oregon Department of Transportation

Select layers from categories (and click Apply):

- Structures
- Drainage
- Equipment - Highway
- Roadway
- Roadside
- Freight
- Rail
- Public Transportation
- Traffic Data
- Road Network
- Classifications
- Safety
- Projects & Needs for Scoping
- Planning and Climate Change Resilience
 - Late-Century Wildfire Risk
 - Mid-Century Wildfire Risk
 - Late-Century Daily Freeze Thaw Risk
 - Mid-Century Daily Freeze Thaw Risk
 - Mid-Century Snow Days Risk
 - Late-Century Very Heavy Precipitation Risk
 - Mid-Century Very Heavy Precipitation Risk
 - Late-Century Very Hot Days Risk
 - Mid-Century Very Hot Days Risk
 - US101 Priority Coastal Hazard Sites
 - Sea Level Rise - Isolated Population
 - Social Equity Index
- Geology
- Maintenance and Facilities
- Environmental
- Boundaries
- FACS STIP

Identify Map Features

Social Equity Index	
County FIPS Code	047
Census Tract	010600
Census Block Group	2
Households per Square Mile	0.875723
Median Income	57361
Total Population	801
Poverty	4
Non-White	2
Vulnerable Population Group	5
Limited English	1
Zero Vehicle Household	2
Social Equity Index	14
Disparity Category	Low/Medium
GIS Process Date	07/03/2023

Zoom to

Clear All Apply

0 70,322 feet

Oregon Department of Transportation © 2009-2024 Disclaimer

Search for an address, city, state or ZIP

48 AK HI PR GU AS MP VI

OREGON

Tract information
Number: 41013950400
County: Crook County
State: Oregon
Population: 4,242

Tract demographics
Race / Ethnicity (Show)
Age (Show)

Identified as disadvantaged?
YES

Send feedback

Climate change +

Energy +

Health +

Housing +

Legacy pollution +

Transportation +

Water and wastewater +

Workforce development +

CRITERIA QUESTIONS – OPPORTUNITIES AND INNOVATION

4. **Opportunities and Innovation (10 pts)** – Will this project provide for new opportunities to reduce emissions, include innovative components, expand multimodal or micro-mobility options, or target parts of the sector that have been slower to decarbonize?
- a) Does this funding create opportunities for future investments and actions that expand the initial emissions reduction benefits? Does the project or application build off or support other effective carbon reduction projects?
 - b) Will this project create or encourage emissions reductions beyond what are already expected through existing plans, projects and funding opportunities?

CRITERIA QUESTIONS – PROJECT READINESS

5. **Project Readiness (10 pts)** – Does the agency have a plan for implementation, construction and/or maintenance of the project?
- a) Does the applicant and local jurisdiction guarantee any required staff time, operations, and maintenance for the project after completion?
 - b) What is the certainty from a cost and risk perspective? Are there uncertainties including, but not limited to; right of way acquisition; bridge, structure, or rail impacts; environmental review; utility relocation or drainage modifications; supply chain; and overall feasibility?

SUBMISSION

- Once you hit submit you will not be able to make changes to your application.
- Use the save button to save as you go.

SUBMISSION

Regional Signature Sheet *

or drag files here.

Each applicant is required to get the signature of the ODOT Regional Manager where their project is located. Use this [signature sheet](#) to receive the signature.

Additional Supporting Documentation

or drag files here.

Please upload any additional supporting documentation you would like ODOT to review as part of your application. If you have conducted an emissions analysis as part of your application, upload it here.

Applicant Signature *

[draw](#) [type](#)

By signing this document, you certify that your agency has the legal authority to enter into an intergovernmental agreement with ODOT if your project is selected.

Date Signed *

ODOT REGIONAL MANAGER SIGNATURE SHEET*

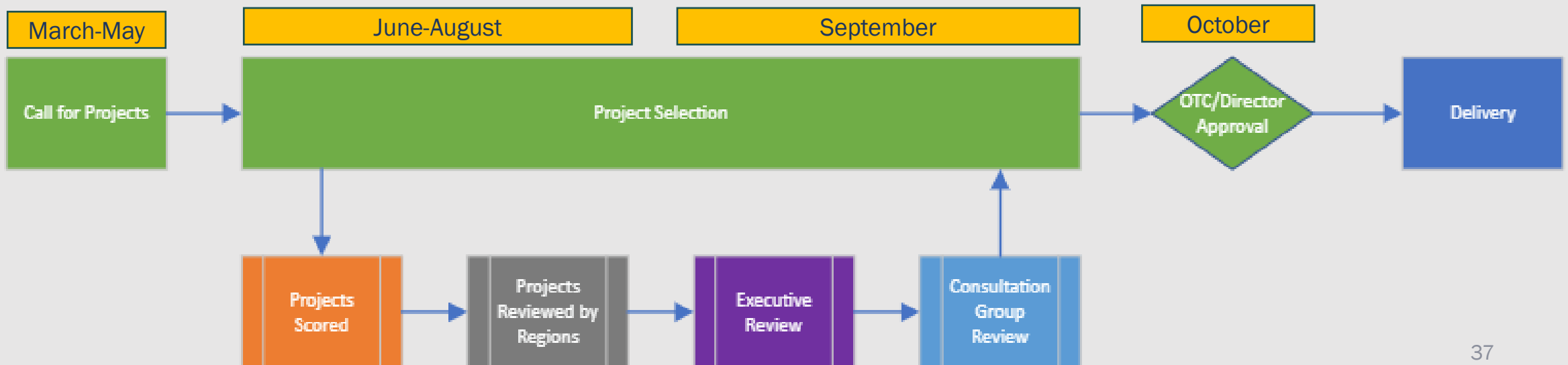
- Request by May 20th!
- Application does not need to be complete to make the request
- Project location field should include a description of the project boundaries so the region can understand
 - Where it is located
 - If it will affect ODOT right of way

REGIONAL SIGNATURE INSTRUCTIONS				
Complete the form below. Information should match your project application. Provide the form for signature to your ODOT regional manager by May 20, 2024. Applications lacking a regional signature will be considered incomplete.				
PROJECT INFORMATION				
Please use ODOT's Project Naming Conventions for the project title.				
Project Title:				
Agency (Applicant):				
Address:				
Primary Contact:				
Contact Title:				
Email:		Telephone:		
ODOT Region:		Metropolitan Area:		
COST SUMMARY				
Total:	Carbon Reduction Program	Other	Local	Non-Fed
ODOT Delivered (Y/N):		Contingency:		
ODOT Delivery Costs:		Match Source:		
STIP PROJECT DESCRIPTION				
Please use ODOT's Project Naming Conventions for the project description (max 1000 characters):				
PROJECT LOCATION				
REGIONAL REVIEW				
<input type="checkbox"/> The project is not being funded by another program or source. <input type="checkbox"/> For transit projects, this project has been reviewed by the regional transit coordinator. <input type="checkbox"/> With the information provided, it appears that the applicant has included sufficient contingency and funding for ODOT delivery. ¹				
SUBMISSION				
By signing this document, the Regional Manager acknowledges that your agency is submitting the project for funding and confirms the statements above.				
Submitted By:	Name		Electronic Signature	
	Title		Date	

¹ The applicant is solely responsible for their cost estimate and all cost overruns above the awarded amount.

AWARD AND PROJECT DELIVERY

EXPECTED REVIEW PROCESS TIMELINE



Timing is dependent on the number of applications received and other factors and may vary from what is presented.

PROJECT DELIVERY

- Project Dependent
 - Certified Local Public Agency
 - ODOT for non-Certified Local Public Agencies (construction)
 - Flex to Federal Transit Administration for transit projects
 - Transferring projects to the Bureau of Indian Affairs
 - Subrecipient process for goods and services
- Expected Timeline*
 - Scoping
 - November 2024 – February 2025
 - STIP (MTIP)
 - November 2024 – January 2025
 - Intergovernmental Agreements
 - January 2025 – September 2025
 - Obligation/Project Initiation
 - Winter 2025

*Will depend on project specifics, federal regulations, and staffing capacity.

NEXT STEPS

NEXT STEPS

- Climate Office available to consult with application development
 - Consultations encouraged!
- Applications due May 31, 2024
 - At 5:00 PM!



QUESTIONS



Contact Us



Rye.baerg@odot.oregon.gov



<https://www.oregon.gov/odot/climate/pages/carbonreductionprogram.aspx>