



DAN JOHNSON
DIRECTOR

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
DEVELOPMENT SERVICES BUILDING
150 BEAVERCREEK ROAD OREGON CITY, OR 97045

November 09, 2022

Board of Commissioners
Clackamas County

Members of the Board:

Approval to apply for a grant with Metro (FHWA) for implementing a Signal Safety Project at up to twenty (20) traffic signals in Clackamas County - \$897,300 in grants funds requested. Matching funds in the amount of \$102,700 (10.27%) will be provided from County Road Funds. Total value is \$1,000,000. General Funds are not involved.

Purpose/Outcome	This project will improve safety at up to 20 signalized locations using low cost, highly effective solutions with a focus on protecting vulnerable users and preventing severe crashes.
Dollar Amount and Fiscal Impact	Metro (FHWA) amount: \$897,300. There is a 10.27% match requirement of \$102,700 that will be supported by the County Road Fund. Total amount is \$1,000,000.
Funding Source	Metro – Regional Flexible Funds from FHWA and County Road Fund.
Duration	Four years.
Previous Board Action/Review	None
Strategic Plan Alignment	1. The project supports the department's efforts to support the public's increasing expectation that the transportation system will be safer and support a healthier community. Additionally, the project will intentionally engage underrepresented communities in these efforts. 2. The funds will support the County Strategic Plan to ensure safe, healthy and secure communities.
Counsel Review	This item does not require Counsel Review. Finance has reviewed the lifecycle form.
Procurement Review	(Please check yes or no for procurement review. If the answer is "no," please provide an explanation.) 1. Was the item processed through Procurement? yes <input type="checkbox"/> no <input checked="" type="checkbox"/> 2. Item is a grant.
Contact Person	Joseph Marek, Traffic Safety Supervisor x4705

BACKGROUND:

The Department of Transportation and Development requests the authorization to apply for a Metro Transportation System Management and Operations (TSMO) Grant funded by Regional Flexible Funds from FHWA of \$897,300 and a County Road Fund match of \$102,700 to implement traffic signal safety improvements throughout the County.

The purpose of the project is to improve safety at up to twenty (20) signalized locations using low cost, highly effective solutions with a focus on protecting vulnerable users and preventing severe crashes. There are two operational elements that this project will address; vehicle and bicycle/pedestrian conflicts at key right turn locations, and difficult go/no-go decisions drivers sometimes face at the on-set of yellow.

For locations that have dedicated right turn lanes, the project will install dedicated right turn signal heads. With these signal heads, the signal will display a red arrow instead of a permissive green ball when a conflicting pedestrian “walk” and “flashing don’t walk” is up. For locations without dedicated right turn lanes, light up part-time restriction signs will warn motorists when a bicycle or pedestrian is detected. To address go/no-go decisions, advance radar detection will be installed that can provide dynamic dilemma zone protection based on vehicle approach speeds and ETAs throughout their entire approach.

In order to complete the items described above, we will first confirm key locations with stakeholders throughout the County, through safety analysis, project construction feasibility, and prioritize locations in equity priority areas based on the Clackamas County Transportation Equity Index and the ITS Equity Index. After key locations have been determined, the County will solicit the design services of an engineering firm to complete plans, specs and estimate for construction. We will then put the project out for bid and will manage the construction contract from start to finish, using the design firm for construction contract administration and constructing engineering and inspection services.

RECOMMENDATION:

Staff respectfully recommends approval to apply for a grant with Metro (FHWA) for implementing a Signal Safety Project at various traffic signals in Clackamas County and authorizes Dan Johnson, DTD Director to sign on behalf of Clackamas County.

Respectfully submitted,

Dan Johnson

Dan Johnson- Director

In the next section, limit answers to space available.

Section III: Funding Opportunity Information - To Be Completed at Pre-Application Meeting by Dept Program and Fiscal Staff

Mission/Purpose:

1. *How does the grant/funding opportunity support the Department and/or Division's Mission/Purpose/Goals?*

2. *Who, if any, are the community partners who might be better suited to perform this work?*

3. *What are the objectives of this funding opportunity? How will we meet these objectives?*

4. *Does the grant/financial assistance fund an existing program? If yes, which program? If no, what is the purpose of the program?*

Organizational Capacity:

1. *Does the organization have adequate and qualified staff? If no, can staff be hired within the grant/financial assistance funding opportunity timeframe?*

2. *Are there partnership efforts required? If yes, who are we partnering with and what are their roles and responsibilities?*

3. *If this is a pilot project, what is the plan for sun setting the project and/or staff if it does not continue (e.g. making staff positions temporary or limited duration, etc.)?*

4. *If funded, would this grant/financial assistance create a new program, does the department intend for the program to continue after initial funding is exhausted? If yes, how will the department ensure funding (e.g. request new funding during the budget process, supplanted by a different program, etc.)?*

Collaboration

1. List County departments that will collaborate on this award, if any.

Reporting Requirements

1. What are the program reporting requirements for this grant/funding opportunity?

2. How will performance be evaluated? Are we using existing data sources? If yes, what are they and where are they housed? If not, is it feasible to develop a data source within the grant timeframe?

3. What are the fiscal reporting requirements for this funding?

Fiscal

1. Are there other revenue sources required, available, or will be used to fund the program? Have they already been secured? Please list all funding sources and amounts.

2. For applications with a match requirement, how much is required (in dollars) and what type of funding will be used to meet it (CGF, In-kind, local grant, etc.)?

3. Does this grant/financial assistance cover indirect costs? If yes, is there a rate cap? If no, can additional funds be obtained to support indirect expenses and what are those sources?

This grant accepts overhead and has no rate cap. Road Funs will be covering costs, no general funds will be used.

Other information necessary to understand this award, if any.

Program Approval:


Joseph Marek

Name (Typed/Printed)	Date	Signature
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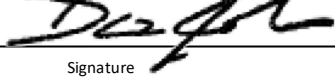
** NOW READY FOR PROGRAM MANAGER SUBMISSION TO DIVISION DIRECTOR **
ATTACH ANY CERTIFICATIONS REQUIRED BY THE FUNDING AGENCY. COUNTY FINANCE OR ADMIN WILL SIGN

Section IV: Approvals


DIVISION DIRECTOR (or designee, if applicable)

		
Name (Typed/Printed)	Date	Signature

DEPARTMENT DIRECTOR (or designee, if applicable)

		
Name (Typed/Printed)	Date	Signature

FINANCE ADMINISTRATION

Elizabeth Comfort	11.2.2022	
Name (Typed/Printed)	Date	Signature

EOC COMMAND APPROVAL (WHEN NEEDED FOR DISASTER OR EMERGENCY RELIEF APPLICATIONS ONLY)

Name (Typed/Printed)	Date	Signature

Section V: Board of County Commissioners/County Administration

*(Required for all grant applications. If your grant is awarded, all grant **awards** must be approved by the Board on their weekly consent agenda regardless of amount per local budget law 294.338.)*

For applications less than \$150,000:

COUNTY ADMINISTRATOR	Approved:	Denied:
Name (Typed/Printed)	Date	Signature

For applications under \$150,000 email form to Christina Fadenrecht at CFadenrecht@clackamas.us for Gary Schmidt's approval.

For applications \$150,000 and above, email form with Staff Report to the Clerk to the Board at ClerktotheBoard@clackamas.us to be brought to the consent agenda.

BCC Agenda item #:

Date:

OR

Policy Session Date:

County Administration Attestation

County Administration: re-route to department at
and
Grants Manager at financegrants@clackamas.us
when fully approved.

Department: keep original with your grant file.

COVER SHEET

- New Agreement/Contract
- Amendment/Change/Extension to _____
- Other _____

Originating County Department: _____

Other party to contract/agreement: _____

Description:

After recording please return to: X _____

- County Admin
- Procurement

If applicable, complete the following: _____

Board Agenda Date/Item Number: _____