

Jefferson County
Board of Commissioners
Agenda Request

To: Board of Commissioners
Mark McCauley, County Administrator

From: Monte Reinders, PE, Public Works Director/County Engineer 

Agenda Date: August 22, 2022

Subject: Rural Arterial Program (RAP) final prospectus for
Paradise Bay Road MP 3.743 to MP 6.000 Overlay Project

Statement of Issue:

The Rural Arterial Program (RAP) is a competitive statewide grant program managed by the County Road Administration Board (CRAB). To be included in the RAP Priority Array for 2023-2025 Rural Arterial Trust Account grants, grant application criteria must be submitted to CRAB via the on-line database by September 1, 2022.

Analysis/Strategic Goals/Pro's & Con's:

This project will complete a 2R asphalt overlay of a segment of Paradise Bay Road from milepost 3.743 (Paradise Bay Road/Andy Cooper Road intersection) to milepost 6.000 (Paradise Bay Road/SR 104/Shine Road intersection). Paradise Bay Road is a Rural Minor Collector that serves as the primary connection to the greater Port Ludlow community. This project will coincide with WSDOT's proposed construction of a roundabout at the Paradise Bay Road/SR 104 intersection at the west end of the Hood Canal Bridge.

Fiscal Impact/Cost Benefit Analysis:

Jefferson County relies on RAP as an external source of funds. CRAB administers the competitive selection process by regions in which the local agency is given the opportunity to select local significance of projects. Preliminary budget planning estimates indicate the total cost of the project is \$1,362,000. If selected, RAP will fund \$1,225,800 (90%); County Road funds will be needed for the remaining \$136,200 (10%) This project will be included in the adopted 2023-2028 6-year Transportation Improvement Program (TIP).

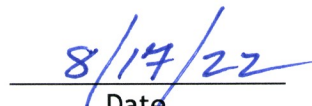
Recommendation:

Authorize the Chair of the Board of Commissioners to sign the RAP Final Prospectus for the Paradise Bay Road M.P. 3.743 to M.P. 6.000 Overlay Project.

Department Contact: John Wayand, Project Manager, 360-385-9377

Reviewed By:


Mark McCauley, County Administrator


Date

STATE OF WASHINGTON - COUNTY ROAD ADMINISTRATION BOARD

*****DRAFT ONLY*****RURAL ARTERIAL PROGRAM*****DRAFT ONLY*****

FINAL PROSPECTUS

*****DRAFT ONLY*****Biennium: 2023 - 2025*****DRAFT ONLY*****

Region: NW County: Jefferson

IDENTIFICATION

State Legislative District: 24		Six-Year T.I.P. Priority No:		Total Points: 85.00	
Road Number(s)	Road Name(s)	FFC(s)	TRC(s)	BMP(s)	EMP(s)
50360	Paradise Bay Road	08	99	3.743	6.000

PROJECT TYPE

Project Type: 2R - Resurface and Restore

DESCRIPTION OF PROPOSED IMPROVEMENTS - Attach Rating Worksheets

Roadway Structural Section, or Bridge Condition:

Describe structural deficiencies and proposed improvements in keeping with the attached roadway cross section.
(Proposed structural section details may change based on final design.)

The existing west shoulder will be restored to it's full 3'-4' width, from Andy Cooper Road for one-half mile to the south, to match the adjoining segments.

Horizontal Alignment:

No changes in horizontal alignment are planned.

Vertical Alignment:

No changes in vertical alignment are planned.

Width:

The project will maintain the current 11' lanes and 3'-4' shoulders.

Other: Clear Zone, Slopes, Guardrail, Illumination, signals etc.:

The clear zone will be improved by removing any above-ground obstacles and upgrading or relocating the signing.

ESTIMATED FUNDING AND TIMING**Estimated Year**

Phase	Est Total Cost	RATA Amount	Start	End
Design/Prelim. Engr.	\$83,000	\$74,700	May-23	Dec-24
Right of Way	\$0	\$0		
Construction	\$1,279,000	\$1,151,100	Jun-25	Aug-25
TOTAL	\$1,362,000	\$1,225,800	Schedule of CRAB reimbursements for Construction will be or dependent on Project	

SPECIAL CONSIDERATIONS THAT MAY AFFECT PROJECT SCHEDULE:

☐ Wetlands
 ☐ NMFS
 ☐ R.O.W.
 ☐ Shorelines
 ☐ USFWS
 ☐ BIA
 ☐ HPA
 ☐ RR
 ☐ USACE
 ☐ WDFW
 ☐ Cultural (Hist. Arch. Paleo.)
 ☐ Tied (Other agency work)
 ☐ Other

LOCAL PROJECT APPROVAL

RAP Project Prospectus prepared under the supervision of:


 Public Works Director/County Engineer

RAP Project Prospectus submitted to CRAB with the approval of:

Chair, Board of Jefferson County Commissioners

STATE OF WASHINGTON - COUNTY ROAD ADMINISTRATION BOARD

*****DRAFT ONLY*****RURAL ARTERIAL PROGRAM*****DRAFT ONLY*****

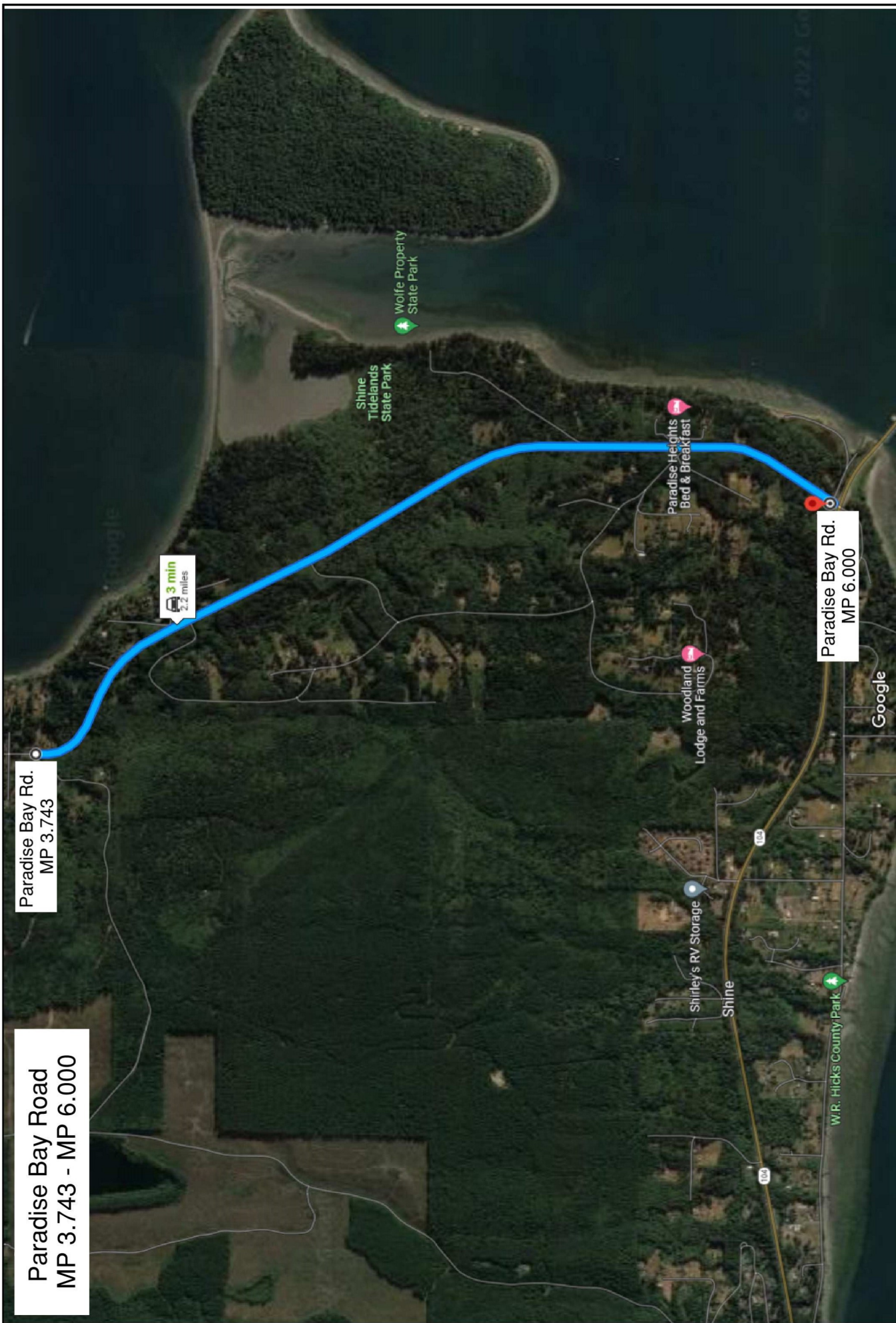
FINAL PROSPECTUS

*****DRAFT ONLY*****Biennium: 2023 - 2025*****DRAFT ONLY*****

Region: NW County: Jefferson

PROJECT NARRATIVE

Paradise Bay Road is a Rural Minor Collector that serves as the primary (non-truck) connection to the greater Port Ludlow community. This project will complete the 2R asphalt overlay of a segment of Paradise Bay Road from M.P. 3.743 (end of previous adjoining asphalt improvement segment) to M.P. 6.000 (SR 104/Paradise Bay Road/Shine Road intersection). This project will coincide with WSDOT's construction of a new Roundabout at the Paradise Bay Road (M.P. 6.000) and SR 104 intersection at the west end of the Hood Canal Bridge.



Paradise Bay Road
MP 3.743 - MP 6.000

Paradise Bay Rd.
MP 3.743

Paradise Bay Rd.
MP 6.000

CALL 811
BEFORE YOU DIG

DESIGNED BY: X. XXXX	XX/XX/XXXX	XX/XX/XXXX	X. XXXX
DRAFTED BY: X. XXXX	XX/XX/XXXX	XX/XX/XXXX	X. XXXX
CHECKED BY: X. XXXX	XX/XX/XXXX	XX/XX/XXXX	X. XXXX
PRJ. ENGR.: X. XXXX	XX/XX/XXXX	XX/XX/XXXX	X. XXXX
	DATE	REVISION	DATE

JEFFERSON COUNTY ENGINEER

APPROVAL DATE



JEFFERSON COUNTY
DEPARTMENT OF PUBLIC WORKS

PARADISE BAY ROAD
MP 3.743 TO MP 6.000
COUNTY ROAD NO. 931507
JEFFERSON COUNTY, WASH.

PRELIMINARY PLAN

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OF
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SHEETS