

Jefferson County
Board of Commissioners
Agenda Request

To: Board of Commissioners
Mark McCauley, County Administrator

From: Monte Reinders, P.E., Public Works Director/County Engineer

Agenda Date: August 29, 2024

Subject: Rural Arterial Program Final Prospectus
Paradise Bay Road Overlay M.P. 3.74 to M.P. 6.00
County Road No. 50360

Statement of Issue: Approval of Washington State County Road Administration Board (CRAB), Rural Arterial Program (RAP), Final Prospectus for Jefferson County's Paradise Bay Road Overlay M.P. 3.74 to M.P. 6.00 project.

Analysis/Strategic Goals/Pro's & Con's: 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. 3.74 (near the Andy Cooper Road/Paradise Bay Road intersection) to M.P. 6.00 (the SR 104/Paradise Bay Road intersection). The Paradise Bay Road Overlay project is a transportation improvement project that is included in the officially adopted 2024-2029 Transportation Improvement Program (TIP) as Item No. 26.

Fiscal Impact/Cost Benefit Analysis: Approval of the RAP Final Prospectus will facilitate award of a RAP grant by CRAB for design and construction of this project.

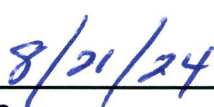
Recommendation: The Board is requested to review the attached "Not for Signature" copy of the Final Prospectus and authorize the Chair to e-sign the Final Prospectus. An electronic version of the Final Prospectus will be sent directly from CRAB to the Board.

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

Reviewed By:



Mark McCauley, County Administrator



Date



RURAL ARTERIAL PROGRAM FINAL PROSPECTUS

Biennium 2025-2027

Region: North West County: Jefferson

IDENTIFICATION

Project Name: Paradise Bay Road Overlay MP 3.74 to MP 6.00

Six-Year T.I.P. Priority No: 26

Total Points: 86.000

Road Number(s)	Road Name(s)	FFC(s)	TRC(s)	BMP(s)	EMP(s)	Legislative District
50360	Paradise Bay Road	08 - Rural Minor Collector	Non Truck Route	3.743	6	24

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.)

This project includes asphalt paving (0.17' thick) of the existing lanes (average asphalt thick 0.23') and existing shoulders (average 0.125' thick) to provide increased structural strength. The cross-slopes of the existing shoulders (varying cross-slopes) will be corrected to match the roadway lane cross-slopes. Approximately 1320' of roadway lane surface will be planed to remove and correct the existing substandard BST surface.

Horizontal Alignment:

(none)

Vertical Alignment:

(none)

Width:

The existing roadway lane width will be maintained at 11' wide. The existing shoulder widths vary from 3' to 4'; the shoulder widths for all segments will be improved to a minimum of 4' wide.

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

Pavement marking and minor signing improvements are included in this project.

ESTIMATED FUNDING AND TIMING

Phase	Est Total Cost	RATA Amount	Start Year	End Year
Design/Prelim. Engineering	\$84,000.00	\$75,600.00	July 01, 2025	April 30, 2026
Right of Way	\$0.00	\$0.00		
Construction	\$1,351,000.00	\$1,215,900.00	May 01, 2026	June 30, 2026
TOTAL	\$1,435,000.00	\$1,291,500.00	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

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. 3.74 (end of previous adjoining asphalt improvement segment) to M.P. 6.00 (SR 104/Paradise Bay Road/Shine Road intersection). This project includes: asphalt pre-leveling of 2 road segments (approx. 4800') to correct lane surface rutting, asphalt overlay of existing failing/rutted BST lane and shoulder surfaces, asphalt paving of approximately 28 road approaches and driveway aprons, pavement marking, guide posts, and minor signing. Additionally, this project will connect with WSDOT's construction of a new roundabout at the Paradise Bay Road (M.P. 6.00 and SR 104 intersection) at the west end of the Hood Canal Bridge in 2024.

LOCAL PROJECT APPROVAL

RAP Project Prospectus prepared under the supervision of:

**NOT FOR
SIGNATURE**

Signature - County Engineer

**NOT FOR
SIGNATURE**

Date

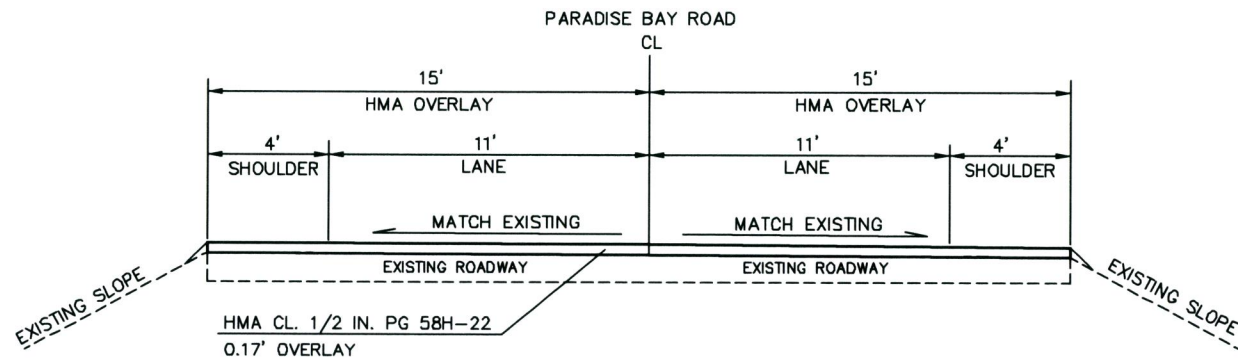
RAP Project Prospectus submitted to CRAB with the approval of:

**NOT FOR
SIGNATURE**

Signature of Chair of the Board of County Commissioners or County Executive

**NOT FOR
SIGNATURE**

Date



TYPICAL SECTION

M.P. 3.74 TO M.P. 6.000
N.T.S.

NOTE: THIS PROJECT WILL NOT DISTURB
PREVIOUSLY UNDISTURBED NATIVE GROUND.

PARADISE BAY ROAD HMA OVERLAY

M.P. 3.74 to M.P. 6.000

8/13/2024



**CALL 811
BEFORE YOU DIG**

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

JEFFERSON COUNTY ENGINEER

APPROVAL DATE



JEFFERSON COUNTY
DEPARTMENT OF PUBLIC WORKS

**PARADISE BAY ROAD
MP 3.743 TO MP 6.000**

COUNTY ROAD NO. 93-507
JEFFERSON COUNTY, WASH.

PRELIMINARY PLAN

P 1

SHEET
1
OF
XX
SHEETS

