

CLACKAMAS COUNTY BOARD OF COUNTY COMMISSIONERS

Study Session Worksheet

Presentation Date: January 20, 2015

Approximate Start Time: ~~2:00 PM~~ 1:30 P

Approximate Length: 15 Minutes

Presentation Title: Federal Lands Access Program (FLAP) Grant Application Approval

Department: Department of Transportation and Development – Engineering Division

Presenters: Mike Bezner, Engineering Manager; Larry Conrad, Principal Planner

WHAT ACTION ARE YOU REQUESTING FROM THE BOARD?

- 1) Support application for the replacement/repair of the Rhododendron Pedestrian Bridge (# 99019) over the Zigzag River.
 - a) The County's preferred proposal is the replacement of the existing bridge with a total cost of \$1,050,000 from a Federal Lands Access Program (FLAP) Grant program.
 - b) If that grant amount is not approved, our alternate proposal is for a total of \$291,833 for necessary major repairs and maintenance to the existing bridge.
 - c) There is a required match of 10.27% for either of the grant requests if approved and this amount is included in the total cost of the grant.

EXECUTIVE SUMMARY (why and why now):

The Rhododendron Pedestrian Bridge (# 99019) over the Zigzag River was constructed by the County in 1965 to replace a vehicle bridge that was destroyed during the 1964 flood. The suspension bridge has on-going maintenance issues that will result in substantial repair costs if work is not performed in the near future.

The pedestrian bridge is an important part of the local pedestrian and bike circulation system between the Zigzag Village commercial area and the Still Creek Road residential area south of the Zigzag River. While there is a transit stop for the Mt Hood Express in Rhododendron Village near the bridge, if the bridge were not available, the alternate pedestrian route to the cabins would be more than a mile in length and would require travel along the shoulder of US 26 and Still Creek Road or Road 20.

The existing bike / pedestrian bridge is a steel suspension bridge with a span of 180 feet, a width of six feet and a wooden deck. This bridge is narrow and is less than the County standard of 12 feet for two way travel on multi-use paths (bike and pedestrian). There is no simple way to modify the suspension bridge to meet this width requirement given its existing design. The County's preference would be to replace this aging bridge with a 12 feet wide bridge that meets the County standards and has lower long term maintenance cost. Depending on the details of the final design, this replacement bridge could also provide light vehicle emergency access to Still Creek Road and the cabins in the area in the event of a flood on the Zigzag River if the existing Still Creek Road Bridge (#05C04) is damaged. The replacement cost for the existing bridge is estimated to cost \$1,050,000.

The Bridge Inspection Report (June 16, 2014) for this bridge states that "overall the bridge is in 'Satisfactory' condition with minor deterioration throughout the structural member." The most deteriorated elements of the bridge are the wooden deck, rail and floor beams. Repairs to the wooden members of the bridge will need to be made using untreated wood due to the presence of threatened fish species in the Zigzag River. The bridge report estimates that the cost of repairing the bridge and addressing the deferred maintenance issues is approximately \$291,833. This is the alternate amount of grant funding that could be requested.

While the cost of replacing the bridge is higher than the cost of major repairs, the Transportation Maintenance Division has indicated the reduced long term maintenance costs associated with a new bridge would more than offset the short term costs of replacing the existing bridge.

FINANCIAL IMPLICATIONS:

A match of at least 10.27% is required of Clackamas County if awarded a grant. The proposed matching funds will be fulfilled by the Road Fund.

LEGAL/POLICY REQUIREMENTS:

N/A

PUBLIC/GOVERNMENTAL PARTICIPATION:

The County will conduct public meetings with the Rhododendron CPO to explain the scope of the project if it is approved. The Project has been discussed with representatives of the Villages at Mt Hood and the Rhododendron CPO.

OPTIONS:

- Support DTD's application for FLAP grant due January 30, 2015 for the preferred proposal of \$1,050,000 and the alternate proposal of \$291,833
- Not support the application for FLAP funding for the bridge repairs or replacement.

RECOMMENDATION:

Staff recommends the Board of County Commissioners support the FLAP application grant.

ATTACHMENTS:

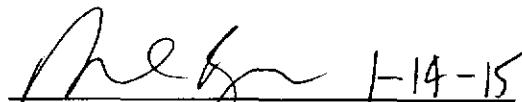
N/A

SUBMITTED BY:

Division Director/Head Approval

Department Director/Head Approval

County Administrator Approval


A. B. Carlmill 1-14-15
1-14-15

For information on this issue or copies of attachments, please contact Larry Conrad @ 503-742-4539