

W.10.D.6.

## AGENDA COVER MEMO

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DATE: September 1, 2004  
TO: Lane County Board of Commissioners  
DEPT: Public Works  
PRESENTED BY: Sonny Chickering, County Engineer

AGENDA ITEM TITLE: DISCUSSION AND ORDER/ In the Matter of Authorizing Submittal of Local Bridge Applications for Funding Through the Federal Highway Bridge Replacement and Rehabilitation (HBRR) Program.

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### I. MOTION

Move approval of order authorizing staff to submit applications for bridge preservation and replacement projects funded under the Highway Bridge Replacement and Rehabilitation (HBRR) program.

### II. ISSUE OR PROBLEM

The Local Bridge Selection Committee (also known as the HBRR Selection Committee) solicited local bridge projects for funding under the federal Highway Bridge Replacement and Rehabilitation program. The request for local bridge projects was received by Lane County Public Works in late July and due by August 16. Staff sent in three bridge replacement applications before the deadline. Due to the quick turnaround for application submittal, staff is now requesting Board authorization regarding submittal of these projects for HBRR funding. It is possible to withdraw the applications if the Board does not support this action.

### III. DISCUSSION

#### A. Background

The HBRR program provides a funding opportunity for bridges that were not selected in the recent OTIA III application process. County and City bridges in the National Bridge Inventory System are eligible. Unlike OTIA III, HBRR requires a 20 percent local funding match for the project cost. In addition, construction of successful candidate projects will not begin until FY 2008-2009.

Staff identified three bridges, listed below and shown in Exhibit A of the Board Order, each with structural deficiencies related to shear cracking. The primary selection criteria for "small" bridges (less than 30,000 square feet) will be the

Technical Ranking Score, which factors in such things as average daily truck traffic, roadway functional classification, bridge sufficiency rating, detour length, and cost. However, the technical score will not be the sole selection criteria. Applications sent to ODOT will be reviewed by the HBRR Committee, who will make funding recommendations by August 26, 2004 for bridges to be rehabilitated or replaced in 2008-2009.

**B. Analysis**

The Lane County bridge project candidates, all identified for replacement of the existing structures, are as follows:

1. Sharps Creek Rd. MP 8.72 – Bridge#39C236
2. Brice Creek Rd. MP 3.31 – Bridge#39C261
3. Brice Creek Rd. MP 2.31 – Bridge#39C259

The regional importance of these bridges is in providing access to thousands of acres of forest land, which is important to timber-related truck traffic as well as recreational users. East of Cottage Grove, Sharps Creek Road and Brice Creek Road provide a connection to I-5 via Row River Road. There are no other viable options for accessing this area, making the structural integrity of these bridges of high importance.

The bridge candidates are eligible for funding because they are structurally deficient, exhibiting shear cracks in their concrete support system. The Sharps Creek bridge has recently received a new load rating, reflecting a reduction in load capacity. The recent reports and field observations for these bridges came after submittal of projects for OTIA III funding, thus HBRR funding is sought at this time. If there were to be another round of OTIA local bridge selections, staff would support consideration of these bridges for the OTIA program.

The application materials for the candidate bridges were sent to ODOT on August 12 to meet the August 16 deadline. Project cost estimates are calculated in 08-09 dollars and are shown in Exhibit A. There is no stated total funding amount available for County and City bridge projects.

**C. Alternatives / Options**

1. Approve order authorizing the submittal of applications to ODOT for HBRR funding for bridge replacement and rehabilitation projects, as shown in Exhibit A.
2. Direct staff to withdraw all or a portion of the bridge project candidates.

**D. Recommendation**

Option 1

E. Timing

Bridge project recommendations were scheduled to be completed by the HBRR Committee in late August. Successful bridge candidates would not be constructed until FY 08-09.

**IV. IMPLEMENTATION / FOLLOW-UP**

If any of the Lane County project candidates are selected, they will be incorporated into the Capital Improvement Program for FY 08-09 during its next annual review and adoption by the Board.

**V. ATTACHMENTS**

Board Order  
Exhibit A: HBRR Lane County Bridge Project Candidates

**IN THE BOARD OF COUNTY COMMISSIONERS OF LANE COUNTY  
STATE OF OREGON**

**Order No.**

) **IN THE MATTER OF AUTHORIZING  
) SUBMITTAL OF LOCAL BRIDGE  
) APPLICATIONS FOR FUNDING THROUGH  
) THE FEDERAL HIGHWAY BRIDGE  
) REPLACEMENT AND REHABILITATION  
) (HBRR) PROGRAM.**

WHEREAS, Public Works staff is requesting Board authorization on submission of local bridge projects to be considered for HBRR funding for fiscal year 2008-2009; and

WHEREAS, Staff has identified a list of County bridge project candidates for rehabilitation or replacement; and

WHEREAS, the bridge project candidates meet the intent of the selection criteria to facilitate efficient freight movement and the development of a safe and modern bridge network; now, therefore, it is hereby

ORDERED that the Board authorizes the submission of HBRR applications to ODOT for County bridge project candidates shown in Exhibit A.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Bobby Green, Chair  
Lane County Board of Commissioners

**HBRR Lane County Bridge Project Candidates**

<b>Bridge#</b>	<b>Road</b>	<b>MP</b>	<b>Functional Class</b>	<b>Exist'g Square Feet</b>	<b>ADT</b>	<b>Year Built</b>	<b>Sufficiency Rating</b>	<b>Est. Replacement Cost (08-09 dollars)</b>
39C236	Sharps Creek Rd.	8.72	Rural Minor Collector	2730	237	1957	45	\$793,000
39C259	Brice Creek Rd.	2.31	Rural Minor Collector	3250	550	1960	54	\$964,000
39C261	Brice Creek Rd.	3.31	Rural Minor Collector	3120	550	1960	25	\$919,000