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## AGENDA COVER MEMO

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DATE: December 14, 2005  
TO: Lane County Board of Commissioners  
DEPT: Public Works  
PRESENTED BY: Sonny Chickering, County Engineer

AGENDA ITEM TITLE: ORDER/ In the Matter of Authorizing Submittal of a Local Bridge Application for 2010-2011 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 an application for bridge preservation and replacement project funded in the year 2010-2011 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 in year 2010-2011 under the federal Highway Bridge Replacement and Rehabilitation program. The request for local bridge projects was received by Lane County Public Works in October and was due November 23. Staff screened candidate bridges and sent in one application before the deadline for the structural rehabilitation of the Parvin Covered Bridge. Due to the quick turnaround for application submittal, staff is now requesting Board authorization regarding submittal of this project for HBRR funding. It is possible to withdraw the application if the Board does not support this action.

### III. DISCUSSION

#### A. Background

The HBRR program provides a funding opportunity for the rehabilitation or replacement of bridges listed in the National Bridge Inventory System (NBIS). Currently, Lane County has three bridges in FY 08-09 that are being scoped for final inclusion. These applications were previously reviewed and approved by the Board in 2004. This next application round is for bridges in FY 10-11, and will still require a 20 percent local funding match for the project cost.

Staff screened candidate bridges on the NBIS list as per HBRR project selection criteria, but only the Parvin Covered bridge met the criteria. All other

bridges in our system not being replaced under OTIA III or previous HBRR programs are in too good of shape to warrant major rehabilitation or replacement.

The primary selection criteria for "small" bridges (less than 30,000 square feet) will be the Technical Ranking Score first used in the OTIA III process. This process used factors such as average daily truck traffic, roadway functional classification, bridge sufficiency rating, detour length, and cost. However, in the case of the Parvin Covered Bridge, the final technical score will not be the sole selection criteria. We are asserting to ODOT that this bridge is eligible for HBRR funds due to its age, important historic nature, and declining structural condition.

Applications sent to ODOT will be reviewed by the HBRR Committee, who may make funding recommendations by the beginning of 2006 for bridges to be rehabilitated or replaced.

#### **B. Analysis**

Parvin Covered Bridge (Bridge Number 39C643) is located at mile post 0.77 on Parvin Road, which is located southwest of Lowell. The bridge was built in 1921 and is regionally recognized for historic significance. Efforts have been taken to keep the bridge operational and the last restoration work was done in 1986. Despite these efforts, the structural capacity of the bridge is being impacted due to continuous material degradation. The latest inspection data (2003) identified this bridge as structurally deficient and recommended for high priority of replacement.

Repairs will increase the load rating, extend the usable life, and provide needed improvements lasting beyond a 10-year period of time, while still keeping the historic covered bridge status intact. The covered bridge has some daily truck traffic, and if repairs are not made and the existing structural members continue to deteriorate, the historic bridge may not be safe for the operation of any vehicles.

Parvin Bridge meets the HBRR project objectives of funding bridges that prolong the service life of the structure and that improve the safe operation of all vehicles moving over the structure. The total estimated project cost (in 2010 dollars), including preliminary engineering, design engineering, and construction, is estimated to be \$625,000. Based on the program matching requirements, the 20% local match by Lane County would be in the order of \$125,000.

#### **C. Alternatives / Options**

1. Approve order authorizing the submittal of this application to ODOT for HBRR funding for bridge rehabilitation.
2. Direct staff to withdraw this application, or submit other project candidates.

D. Recommendation

Option 1

E. Timing

Bridge project recommendations are scheduled to be completed by the HBRR Committee in early 2006. Successful bridge candidates would not be constructed until FY 10-11.

**IV. IMPLEMENTATION / FOLLOW-UP**

If the Lane County project candidate is selected, the Board can incorporate it into the Capital Improvement Program for FY 10-11 during its next annual review and adoption.

**V. ATTACHMENTS**

Board Order

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

**Order No.** ) **IN THE MATTER OF AUTHORIZING**  
 ) **SUBMITTAL OF A LOCAL BRIDGE**  
 ) **APPLICATION FOR 2010-2011 FUNDING**  
 ) **THROUGH THE FEDERAL HIGHWAY BRIDGE**  
 ) **REPLACEMENT AND REHABILITATION**  
 ) **(HBRR) PROGRAM.**

WHEREAS, Public Works staff is requesting Board authorization on submission of a local bridge project to be considered for HBRR funding for fiscal year 2010-2011; and

WHEREAS, Staff has identified the Parvin Covered Bridge as a County project candidate for rehabilitation; and

WHEREAS, the latest inspection data (2003) identified this bridge as structurally deficient and recommended for high priority of replacement; and

WHEREAS, the bridge project candidate meets the HBRR project objectives of funding bridges that prolong the service life of the structure and that improve the safe operation of all vehicles moving over the structure; now, therefore, it is hereby

ORDERED that the Board authorizes the submission of a HBRR application to ODOT for the Parvin Covered Bridge (Bridge No. 39C643).

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

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Anna Morrison, Chair  
Lane County Board of Commissioners

APPROVED \_\_\_\_\_

12-6-05

*Anna Morrison*