

KITTITAS COUNTY
DEPARTMENT OF PUBLIC WORKS

AGENDA STAFF REPORT

AGENDA DATE: August 19, 2014

ACTION REQUESTED: Approve Rural Arterial Program (RAP) Prospectus Submittals for Westside Road safety improvements from Mile Post 2.19 to Mile Post 4.2 project and for No. 6 Road bridge #79051 replacement projects.

BACKGROUND: The County Road Administration Board (CRAB) provides state funding for road improvements projects on a bi-annual basis. Kittitas County is eligible to receive about \$1.5 million this biennium for improvement projects but must compete with other southeast Washington counties for funds available region wide.

The 2015-2017 project applications are due to CRAB on September 2, 2014. The Public Works Department proposes to submit applications for improving a portion of Westside Road and replace a bridge on No 6 Road for CRAB's Rural Arterial Program (RAP) funding.

One project is located on Westside Road from Mile Post 2.19 to Mile Post 4.12 and replace the bridge #79051 located over the Town Ditch on No 6 Road (Mile Post 0.63). The Westside Road project is included in the County Six-Year Transportation Improvement Program. The No 6 Road bridge project will be included in the 2015-2020 County Six-Year Transportation Improvement Program. Public Works has prepared a final prospectus for these two projects requesting 3R state funding for Westside Road and a new program for small drainage structures for the 2015-2017 biennium.

CRAB approved funding for the No 6 Road safety improvements from Mile Post 3.59 to Mile Post 5.10 for the 2013-2015 biennium which authorized \$1,347,000. Construction funds will not be

reimbursed to the county until April 2016. Current design activities are reimbursable.

INTERACTION:	Public Works
RECOMMENDATION:	Approve Chair signature of resolution and RAP prospectus submittals
HANDLING:	Return original signed resolution and prospectus submittals to Public Works
ATTACHMENTS:	Resolution RAP prospectus submittals
LEAD STAFF:	Douglas D'Hondt, County Engineer

**BOARD OF COUNTY COMMISSIONERS
COUNTY OF KITTITAS
STATE OF WASHINGTON**

RESOLUTION NO. _____

**A RESOLUTION AUTHORIZING EXECUTION OF
RURAL ARTERIAL PROGRAM PROJECT PROSPECTUS SUBMITTALS FOR
WESTSIDE ROAD IMPROVEMENTS FROM MILE POST 2.19 TO MILE POST 4.12 AND
NO. 6 ROAD BRIDGE #79051 REPLACEMENT**

WHEREAS, The County Road Administration Board (CRAB) provides state Rural Arterial Program (RAP) funding for road improvements projects on a bi-annual basis and the project submittals for the 2015-2017 biennium are due to CRAB on September 2, 2014; and

WHEREAS, Kittitas County is eligible to receive about \$1.5 million at the beginning of the 2015-2017 biennium for improvement projects, but must compete with other southeast Washington counties for funds available region wide; and

WHEREAS, The Public Works Department prepared two applications for improving a portion of Westside Road and for replacement of a bridge on No. 6 Road #79051 located between Vantage Highway and Kittitas Highway at Mile Post 0.63; and

WHEREAS, The Westside Road project is included in the County Six-Year Transportation Improvement Program; and

WHEREAS, The No 6 Road bridge project will be included in the 2015-2020 County Six-Year Transportation Improvement Program.

NOW THEREFORE, BE IT RESOLVED: that the Board of County Commissioners, in the best interest of the public, does hereby authorize Chair signature of the RAP project prospectus submittals for the No. 6 Road bridge replacement project and the Westside Road safety improvements project.

ADOPTED this 19th day of August, 2014.

**BOARD OF COUNTY COMMISSIONERS
KITTITAS COUNTY, WASHINGTON**

Paul Jewell - Chair

ATTEST:

Gary Berndt - Vice-Chairman

Clerk of the Board

Obie O'Brien - Commissioner

STATE OF WASHINGTON - COUNTY ROAD ADMINISTRATION BOARD

RURAL ARTERIAL PROGRAM

FINAL PROSPECTUS

Biennium: 2015 - 2017

Region: SE County: Kittitas

IDENTIFICATION

State Legislative District: 13		Six-Year T.I.P. Priority No:		Total Points: 93.00		
Road Number(s)	Road Name(s)	FFC(s)	TRC(s)	BMP(s)	EMP(s)	
96200	No. 6 Road Bridge #79051	07	T3	0.630	0.640	

DESCRIPTION OF PROPOSED IMPROVEMENTS - Attach Rating WorksheetsRoadway Structural Section, or Bridge Condition: ☐ Deviation Anticipated?

There is soil erosion at the corners of the existing bridge exposing guardrail post. The sub structure is eroded and weathered and experiencing settlement. All of this will be corrected with the larger structure opening and new foundation.

Horizontal Alignment: ☐ Deviation Anticipated?

No alignment corrections are needed.

Vertical Alignment: ☐ Deviation Anticipated?

No alignment corrections are needed.

Width: ☐ Deviation Anticipated?

The overall roadway width will 28 feet increasing the width more than 4 feet.

Other: Clear Zone, Slopes, Guardrail, Illumination, signals etc.: ☐ Deviation Anticipated?

The clear zone will be addressed by extending the new culvert to the edge of the right-of-way. No bridge rail will be needed.

ESTIMATED FUNDING AND TIMING

Phase	Est Total Cost	RATA Amount	Estimated Year	
			Start	End
Design/Prelim. Engr.	\$125,000	\$112,500	Jul-15	Sep-16
Right of Way	\$15,000	\$13,500	Oct-15	Mar-16
Construction	\$621,000	\$558,900	Nov-16	May-17
TOTAL	\$761,000	\$684,900		

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 TYPE

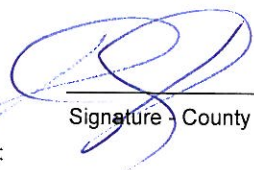
Project Type: DR - Drainage Structure

LOCAL PROJECT APPROVAL

RAP Project Prospectus prepared under the supervision of:

Vic. Map and typical cross sections attached? _____

RAP Project Prospectus submitted to CRAB with the approval of:


 Signature - County Engineer / Date

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

STATE OF WASHINGTON - COUNTY ROAD ADMINISTRATION BOARD

RURAL ARTERIAL PROGRAM

FINAL PROSPECTUS

Biennium: 2015 - 2017

Region: SE County: Kittitas

IDENTIFICATION

State Legislative District: 13 Six-Year T.I.P. Priority No: 4 Total Points: 92.96

Road Number(s)	Road Name(s)	FFC(s)	TRC(s)	BMP(s)	EMP(s)
22710	Westside Road	08	T3	2.190	4.120

DESCRIPTION OF PROPOSED IMPROVEMENTS - Attach Rating WorksheetsRoadway Structural Section, or Bridge Condition: ☐ Deviation Anticipated?

The overall roadway section is intact. We only plan to widen the road to include the 3-foot shoulders.

Horizontal Alignment: ☒ Deviation Anticipated?

The project worksheet does not include any alignment corrections. Therefore, no points were added to the score. All deficiencies will be noted and filed.

Vertical Alignment: ☒ Deviation Anticipated?

The project worksheet does not include any alignment corrections. Therefore, no points were added to the score. All deficiencies will be noted and filed.

Width: ☐ Deviation Anticipated?

The road will be widened from 22 feet to 28 feet resulting in two 3-foot shoulders.

Other: Clear Zone, Slopes, Guardrail, Illumination, signals etc.: ☐ Deviation Anticipated?

There are mailbox posts, power poles and trees impacting the clear zone. We plan to address these with guardrail, clearing and construction of appropriate mailbox posts.

ESTIMATED FUNDING AND TIMINGEstimated Year

Phase	Est Total Cost	RATA Amount	Start	End
Design/Prelim. Engr.	\$190,000	\$171,000	Mar-16	Mar-17
Right of Way	\$0	\$0		
Construction	\$950,000	\$855,000	Apr-17	Nov-17
TOTAL	\$1,140,000	\$1,026,000		

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 TYPE

Project Type: 3R - Rehabilitate, Resurface, Restore

LOCAL PROJECT APPROVAL


RAP Project Prospectus prepared under the supervision of:

Vic. Map and typical cross sections attached? _____

RAP Project Prospectus submitted to CRAB with the approval of: _____



 Signature - County Engineer / Date



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