

KITTITAS COUNTY  
DEPARTMENT OF PUBLIC WORKS

**AGENDA STAFF REPORT**

**AGENDA DATE:** April 3, 2012

**ACTION REQUESTED:** Schedule a public hearing on April 17, 2012 to consider amending the 2012-2017 Six Year Transportation Improvement Plan.

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**BACKGROUND:** The 2012-2017 Six Year Transportation Improvement Plan (TIP) was approved by the Board of Commissioners on October 4, 2011 by Resolution No. 2011-095. This requested amendment is to add five new projects.

One project is a hydrology and hydraulics engineering study of the watershed from east Cle Elum to the Teanaway River.

The remaining four new projects were identified by Public Works as eligible for Rural Arterial Program (RAP) grant funds. These projects include: No. 6 Rd from Vantage Hwy to Kittitas Hwy, Naneum Rd from Vantage Hwy to Lyons Rd, all of Alford Rd, and Brick Mill Rd from Fairview Rd to No. 81 Rd. A fifth project, the southernmost 1.5 miles of No. 6 Rd, is also being submitted for RAP funds but is already included in the TIP.

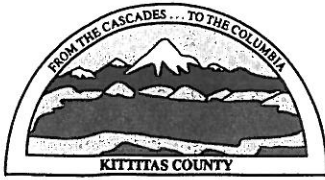
The RAP program is administered by the County Road Administration Board (CRAB). CRAB requires that counties include the projects submitted for RAP funds in their TIPs. CRAB also recommends that counties submit 5 projects for RAP funds, the maximum number of projects allowable. Our county already has RAP funds allocated for the Westside Road project, using the full amount of expected RAP funds allowable for Kittitas County during this funding cycle. However if additional funds become available through CRAB, they may fund one or more of our new projects submitted during this cycle.

The preliminary prospectuses for the projects that are being submitted for RAP funds are attached.

**INTERACTION:** Public Works

**RECOMMENDATION:** Schedule a public hearing for April 17, 2012 at 2:00 p.m. to consider amending the 2012-2017 Six Year Transportation Improvement Plan.

**LEAD STAFF:** Jan Ollivier, Transportation Manager



## KITTITAS COUNTY DEPARTMENT OF PUBLIC WORKS

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February 24, 2012

County Road Administration Board  
Attn: Randy Hart, Grant Programs Manager  
2404 Chandler Court SW Suite 240  
Olympia, WA 98504-0903

RE: RAP Preliminary Prospectus Submittal

Dear Mr. Hart:

Enclosed are Kittitas County's Rural Arterial Program preliminary prospectus applications for the following five projects:

1. No. 6 Road from MP 0.00 to MP 1.02
2. No. 6 Road from MP 3.59 to MP 5.10
3. Naneum Road from MP 0.00 to MP 1.52
4. Alford Road from MP 0.00 to MP 1.07
5. Brick Mill Road from MP 4.10 to MP 5.13

Please call me at 509-962-7523 if you have any questions.

Respectfully Submitted,

Douglas P. D'Hondt, P.E.  
County Engineer

DD/jo

Enclosures

STATE OF WASHINGTON - COUNTY ROAD ADMINISTRATION BOARD

RURAL ARTERIAL PROGRAM  
PRELIMINARY PROSPECTUS

Biennium 2013 - 2015

Region: SE County: Kittitas

**IDENTIFICATION**

State Legislative District: 13 Six-Year T.I.P. Priority No: 7

Road Number(s)	Road Name(s)	FFC(s)	TRC(s)	BMP(s)	EMP(s)
96200	No. 6 Road	07	T3	0.000	1.020

**DESCRIPTION OF PROPOSED IMPROVEMENTS PURPOSE AND DEFICIENCIES TO BE IMPROVED**

Kittitas County is proposing to rehabilitate No. 6 Road to continue reconstruction improvements made on No. 6 Road from MP 2.61 to MP 3.59 in 2005 and connect with intersection improvements planned for construction in 2014 at its intersection with Kittitas Highway. This phase of improvements will start at Vantage Highway (MP 0.00) and end at Kittitas Highway (MP 1.02).

No. 6 Road provides a regionally significant north-south connection through the lower county, providing access to logging, recreation, ranching areas, growing residential areas, farming areas, I-82, and SR-821. This route is the shortest route for residents east of Ellensburg to I-82 and SR-821. These road improvements are essential for public safety and improved mobility.

The scope of this project includes widening the pavement from its existing width of 24 feet to 28 feet (11 foot lanes and 3 foot shoulders), or the current AASHTO standard at the time of design. The Bituminous Surface Treatment (BST) surface will be paved with Hot Mix Asphalt (HMA). The shoulders will be improved to either have a 4:1 slope or guardrail. Bridge #79051 (Towne Ditch) will be replaced, requiring right of way acquisition.

(Use additional sheets as necessary, ATTACH VICINITY MAP)

**ESTIMATED FUNDING**

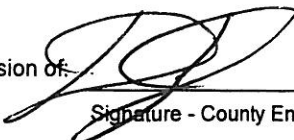
Phase	Est Total Cost	RATA Amount
Design/Prelim. Engr.	\$260,000	\$234,000
Right of Way	\$15,000	\$13,500
Construction	\$1,019,000	\$917,000
TOTAL	\$1,294,000	\$1,164,500

**PROJECT TYPE**

\* Project Type: 3R - Rehabilitate, Resurface, Restore

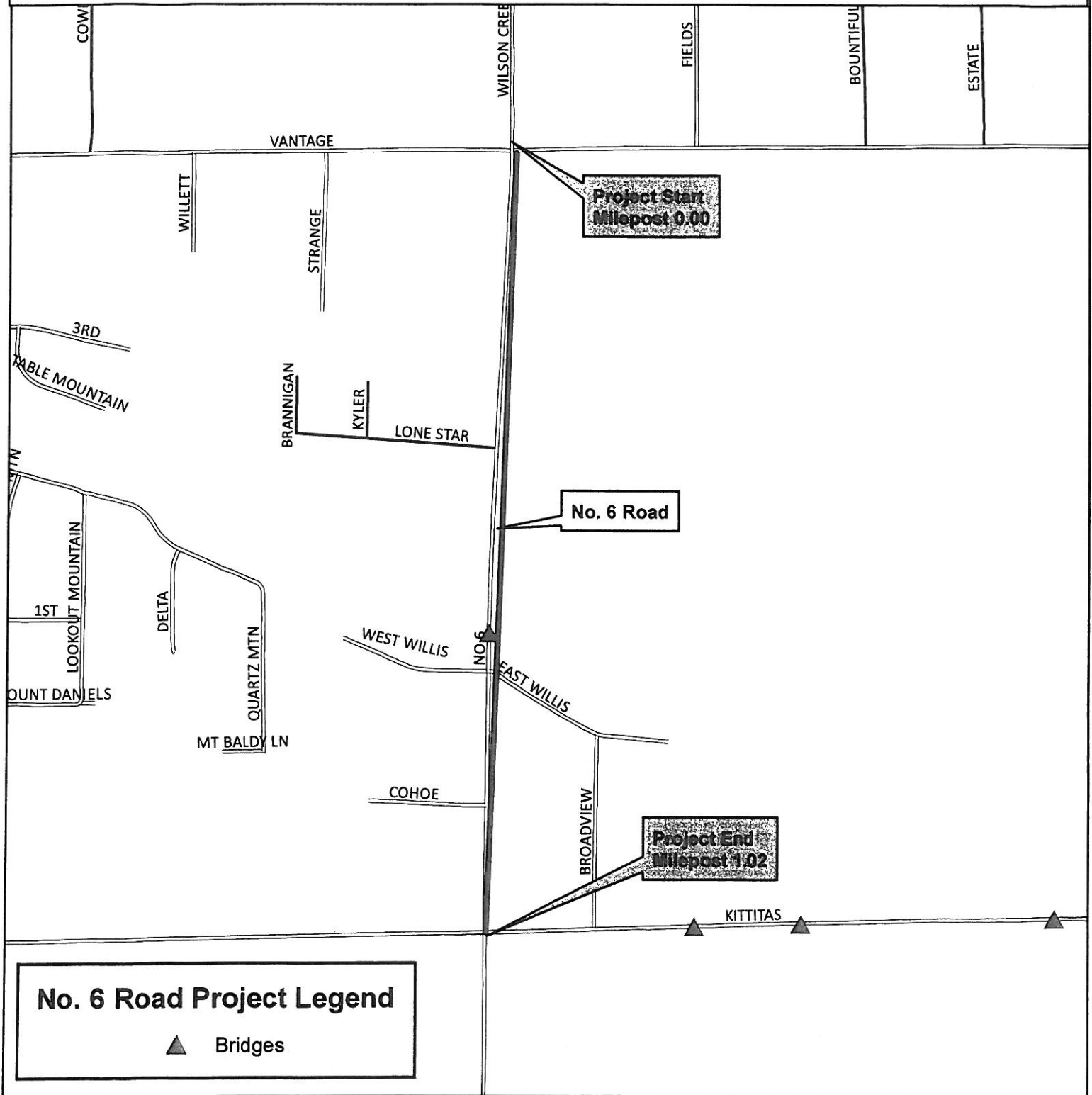
**LOCAL PROJECT APPROVAL**

RAP Preliminary Prospectus prepared under the supervision of

 02/23/12  
Signature - County Engineer / Date

\* If FA, Federal funding must be acquired prior to final prospectus submittal.

# Rural Arterial Program Preliminary Prospectus Location Map for No. 6 Road from Milepost 0.0 to Milepost 1.02



0 0.35 0.7 Miles

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STATE OF WASHINGTON - COUNTY ROAD ADMINISTRATION BOARD

RURAL ARTERIAL PROGRAM  
PRELIMINARY PROSPECTUS

Biennium 2013 - 2015

Region: SE County: Kittitas

**IDENTIFICATION**

State Legislative District: 13 Six-Year T.I.P. Priority No: 8

Road Number(s)	Road Name(s)	FFC(s)	TRC(s)	BMP(s)	EMP(s)
96200	No. 6 Road	07	T3	3.590	5.100

**DESCRIPTION OF PROPOSED IMPROVEMENTS PURPOSE AND DEFICIENCIES TO BE IMPROVED**

Kittitas County is proposing to rehabilitate No. 6 Road to continue reconstruction improvements made on No. 6 Road from MP 2.61 to MP 3.59 in 2005. This phase of improvements will start just south of bridge #79204 at MP 3.59 and end at its southern terminus with Thrall Road (MP 5.10).

No. 6 Road provides a regionally significant north-south connection through the lower county, providing access to logging, recreation, ranching areas, growing residential areas, farming areas, I-82, and SR-821. This route is the shortest route for residents east of Ellensburg to I-82 and SR-821. These road improvements are essential for public safety and improved mobility.

The scope of this project includes widening the pavement from its existing width of 20 feet to 28 feet (11 foot lanes and 3 foot shoulders), or the current AASHTO standard at the time of design. The Bituminous Surface Treatment (BST) surface will be paved with Hot Mix Asphalt (HMA). The shoulders will be improved to either have a 4:1 slope or guardrail. Right of way acquisition may be required.

(Use additional sheets as necessary, ATTACH VICINITY MAP)

**ESTIMATED FUNDING**

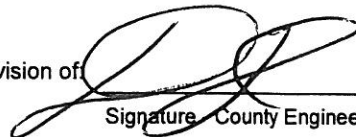
Phase	Est Total Cost	RATA Amount
Design/Prelim. Engr.	\$272,000	\$244,500
Right of Way	\$140,000	\$126,000
Construction	\$1,085,000	\$976,500
TOTAL	\$1,497,000	\$1,347,000

**PROJECT TYPE**

\* Project Type: 3R - Rehabilitate, Resurface, Restore

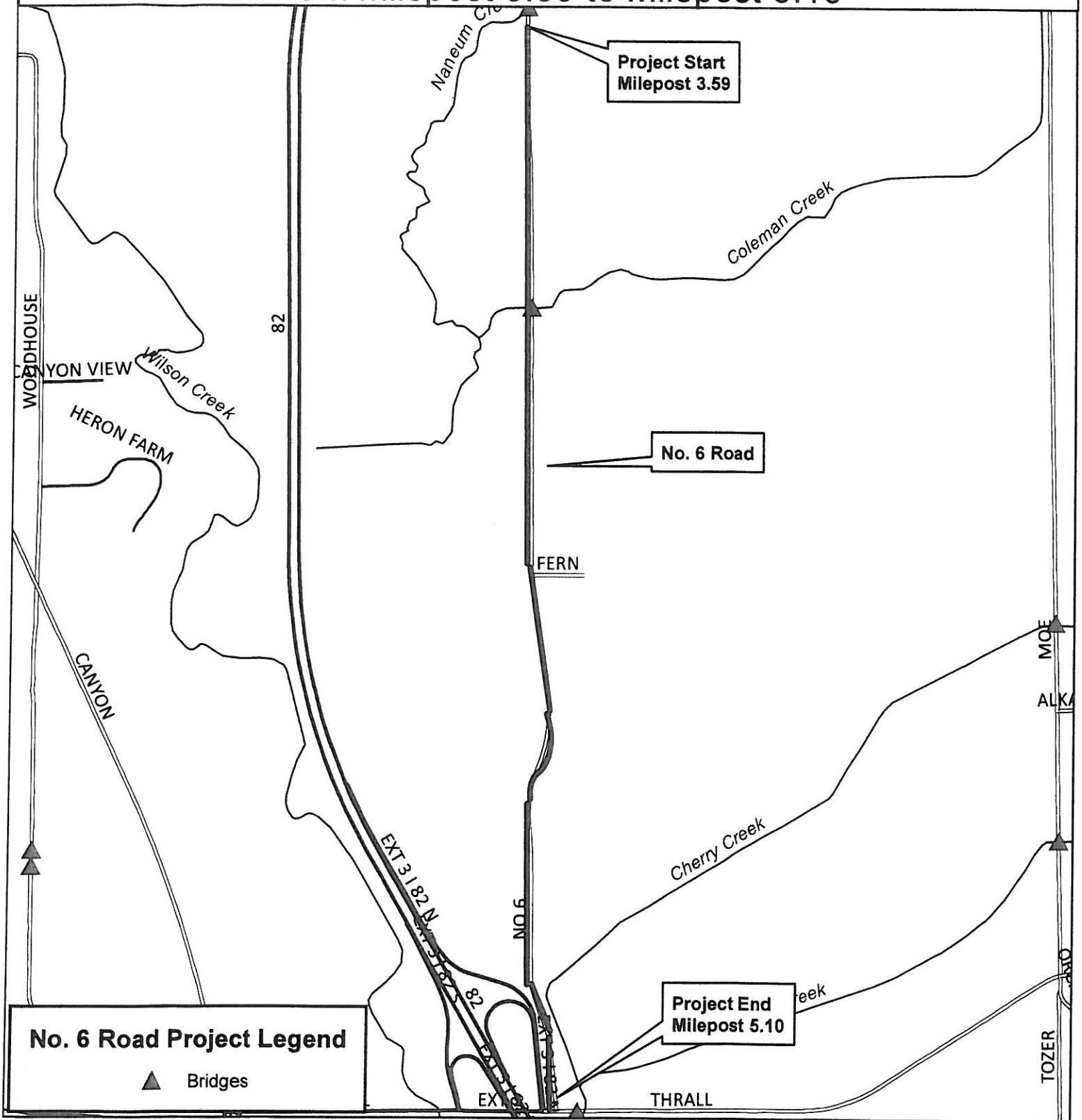
**LOCAL PROJECT APPROVAL**

RAP Preliminary Prospectus prepared under the supervision of

 02/23/12  
Signature County Engineer / Date

\* If FA, Federal funding must be acquired prior to final prospectus submittal.

Rural Arterial Program  
Preliminary Prospectus  
Location Map for No. 6 Road  
from Milepost 3.59 to Milepost 5.10



**No. 6 Road Project Legend**

▲ Bridges

0 0.5 1 Miles

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STATE OF WASHINGTON - COUNTY ROAD ADMINISTRATION BOARD

RURAL ARTERIAL PROGRAM  
PRELIMINARY PROSPECTUS

Biennium 2013 - 2015

Region: SE County: Kittitas

**IDENTIFICATION**

State Legislative District: 13 Six-Year T.I.P. Priority No: 9

Road Number(s)	Road Name(s)	FFC(s)	TRC(s)	BMP(s)	EMP(s)
42000	Naneum Road	08	T3	0.000	1.520

**DESCRIPTION OF PROPOSED IMPROVEMENTS PURPOSE AND DEFICIENCIES TO BE IMPROVED**

Kittitas County is proposing to rehabilitate Naneum Road from Vantage Highway (MP 0.00) to Lyons Road (MP 1.52).

Naneum Road is east of Ellensburg and runs north from Vantage Highway to the northerly foothills, providing access to logging, recreation, ranching, farming, and residential areas. These road improvements are needed for public safety and improved mobility.

The scope of this project includes widening the pavement from its existing width of 20 feet to 28 feet (11 foot lanes and 3 foot shoulders), or the current AASHTO standard at the time of design. The Bituminous Surface Treatment (BST) surface will be paved with Hot Mix Asphalt (HMA). The shoulders will be improved to either have a 4:1 slope or guardrail. Bridge # 89331 (Cascade Canal) will be widened.

(Use additional sheets as necessary, ATTACH VICINITY MAP)

**ESTIMATED FUNDING**

Phase	Est Total Cost	RATA Amount
Design/Prelim. Engr.	\$291,000	\$261,500
Right of Way	\$0	\$0
Construction	\$1,162,000	\$1,045,800
TOTAL	\$1,453,000	\$1,307,300

**PROJECT TYPE**

\* Project Type: 3R - Rehabilitate, Resurface, Restore

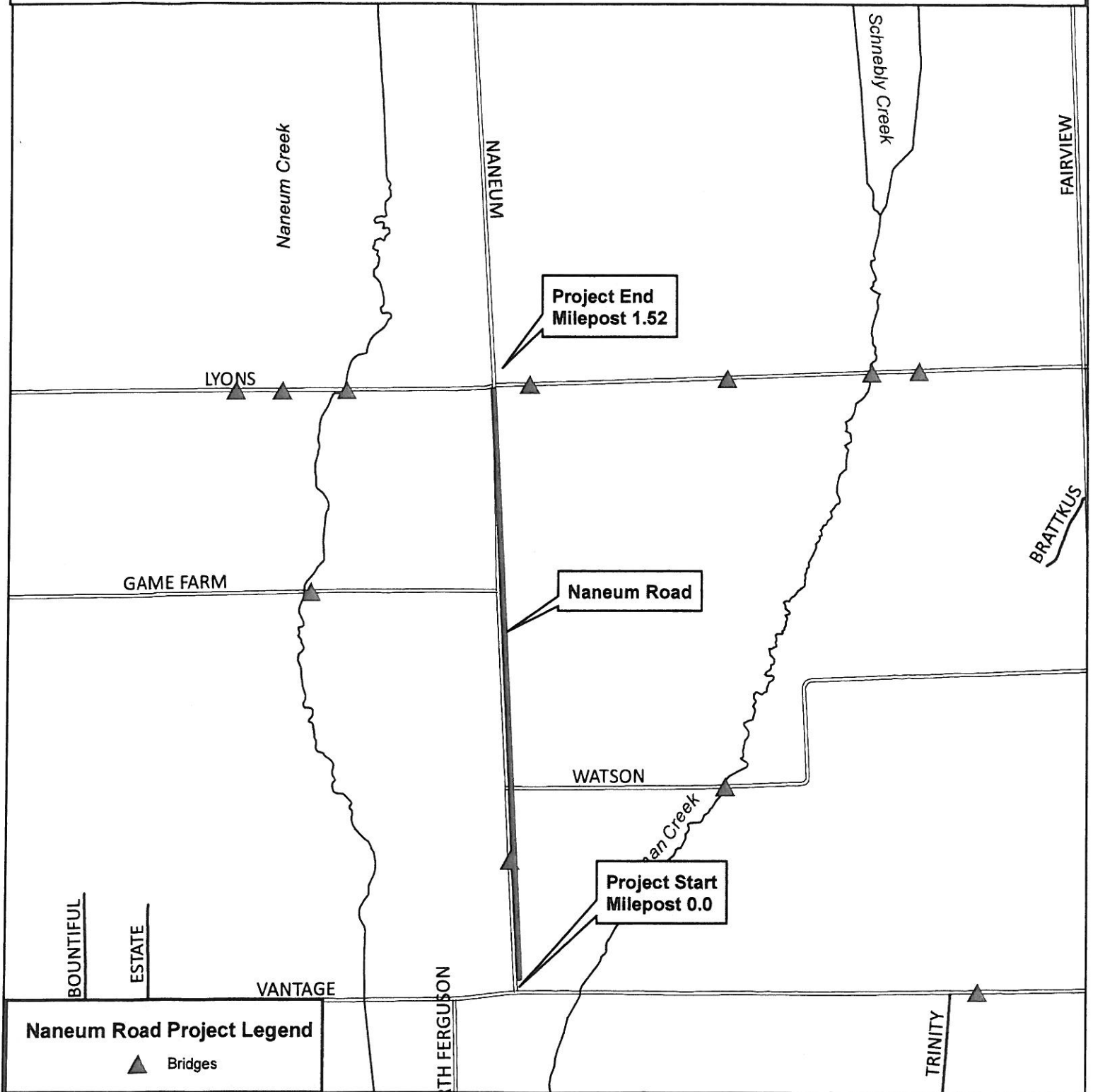
**LOCAL PROJECT APPROVAL**

RAP Preliminary Prospectus prepared under the supervision of:

 02/23/12  
Signature - County Engineer / Date

\* If FA, Federal funding must be acquired prior to final prospectus submittal.

# Rural Arterial Program Preliminary Prospectus Location Map for Naneum Road from Milepost 0.0 to Milepost 1.52



0 0.5 1 Miles

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STATE OF WASHINGTON - COUNTY ROAD ADMINISTRATION BOARD

RURAL ARTERIAL PROGRAM  
PRELIMINARY PROSPECTUS

Biennium 2013 - 2015

Region: SE County: Kittitas

**IDENTIFICATION**

State Legislative District: 13 Six-Year T.I.P. Priority No: 10

Road Number(s)	Road Name(s)	FFC(s)	TRC(s)	BMP(s)	EMP(s)
42271	Alford Road	08	T3	0.000	1.070

**DESCRIPTION OF PROPOSED IMPROVEMENTS PURPOSE AND DEFICIENCIES TO BE IMPROVED**

Kittitas County is proposing to rehabilitate Alford Road to continue reconstruction improvements made on Look Road in 2000 and to connect with intersection improvements planned for construction in 2012 at its intersection with Wilson Creek Road. This phase of improvements will start at Look Road (MP 0.00) and end at Wilson Creek Road (MP 1.07).

Alford Road is a one-mile long road that connects two regionally significant roads - Wilson Creek Road and Look Road. The corridor: Look Road, Alford Road, to Wilson Creek Road provides the most direct and shortest route between Ellensburg and the north end of the valley. These road improvements are needed for public safety and improved mobility.

The scope of this project includes widening the pavement from its existing width of 22 feet to 28 feet (11 foot lanes and 3 foot shoulders), or the current AASHTO standard at the time of design. The Bituminous Surface Treatment (BST) surface will be paved with Hot Mix Asphalt (HMA). The shoulders will be improved to either have a 4:1 slope or guardrail. Bridge #89071 (Wilson Creek) will be replaced.

(Use additional sheets as necessary, ATTACH VICINITY MAP)

**ESTIMATED FUNDING**

Phase	Est Total Cost	RATA Amount
Design/Prelim. Engr.	\$336,000	\$302,400
Right of Way	\$0	\$0
Construction	\$1,344,000	\$1,209,600
TOTAL	\$1,680,000	\$1,512,000

**PROJECT TYPE**

\* Project Type: 3R - Rehabilitate, Resurface, Restore

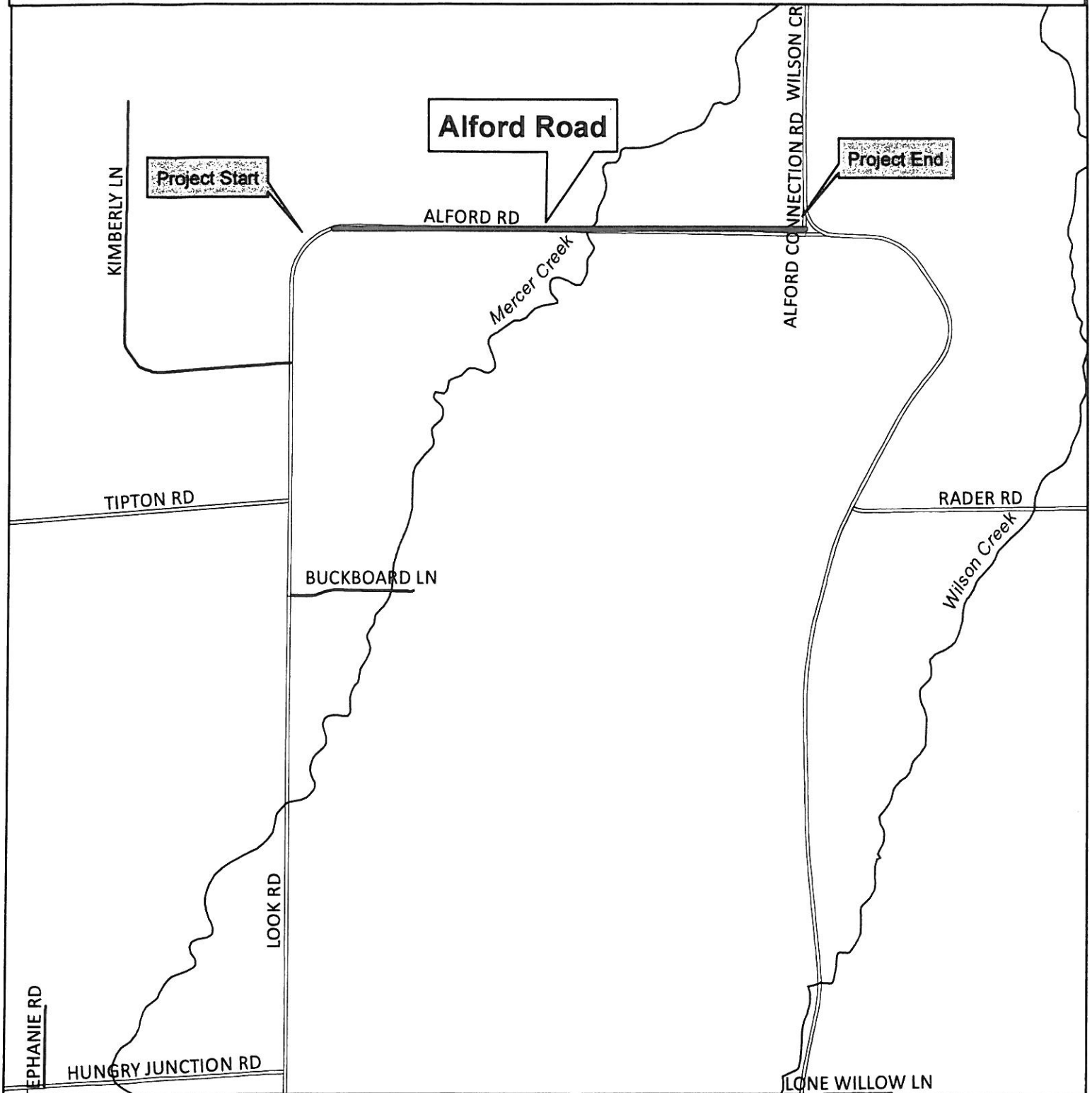
**LOCAL PROJECT APPROVAL**

RAP Preliminary Prospectus prepared under the supervision of:

 02/23/12  
Signature - County Engineer / Date

\* If FA, Federal funding must be acquired prior to final prospectus submittal.

Rural Arterial Program  
Preliminary Prospectus  
Location Map for Alford Road  
from Milepost 0.0 to Milepost 1.07



0 0.45 0.9 Miles

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STATE OF WASHINGTON - COUNTY ROAD ADMINISTRATION BOARD

RURAL ARTERIAL PROGRAM  
PRELIMINARY PROSPECTUS

Biennium 2013 - 2015

Region: SE County: Kittitas

**IDENTIFICATION**

State Legislative District: 13 Six-Year T.I.P. Priority No: 11

Road Number(s)	Road Name(s)	FFC(s)	TRC(s)	BMP(s)	EMP(s)
41271	Brick Mill Road	07	T3	4.100	5.130

**DESCRIPTION OF PROPOSED IMPROVEMENTS PURPOSE AND DEFICIENCIES TO BE IMPROVED**

Kittitas County is proposing to rehabilitate a portion of Brick Mill Road from Fairview Road (MP 4.10) to No. 81 Road (MP 5.13).

Brick Mill Road is an east-west corridor that is over seven miles long. The corridor starts at Look Road and ends at Colockum Road, providing access to ranching, farming, and residential areas east of Ellensburg and north of Kittitas. These road improvements are needed for public safety and improved mobility.

The scope of this project includes widening the pavement from its existing width of 20 feet to 28 feet (11 foot lanes and 3 foot shoulders), or the current AASHTO standard at the time of design. The Bituminous Surface Treatment (BST) surface will be paved with Hot Mix Asphalt (HMA). The shoulders will be improved to either have a 4:1 slope or guardrail.

(Use additional sheets as necessary, ATTACH VICINITY MAP)

**ESTIMATED FUNDING**


Phase	Est Total Cost	RATA Amount
Design/Prelim. Engr.	\$185,000	\$166,500
Right of Way	\$0	\$0
Construction	\$740,000	\$666,000
TOTAL	\$925,000	\$832,500

**PROJECT TYPE**

\* Project Type: 3R - Rehabilitate, Resurface, Restore

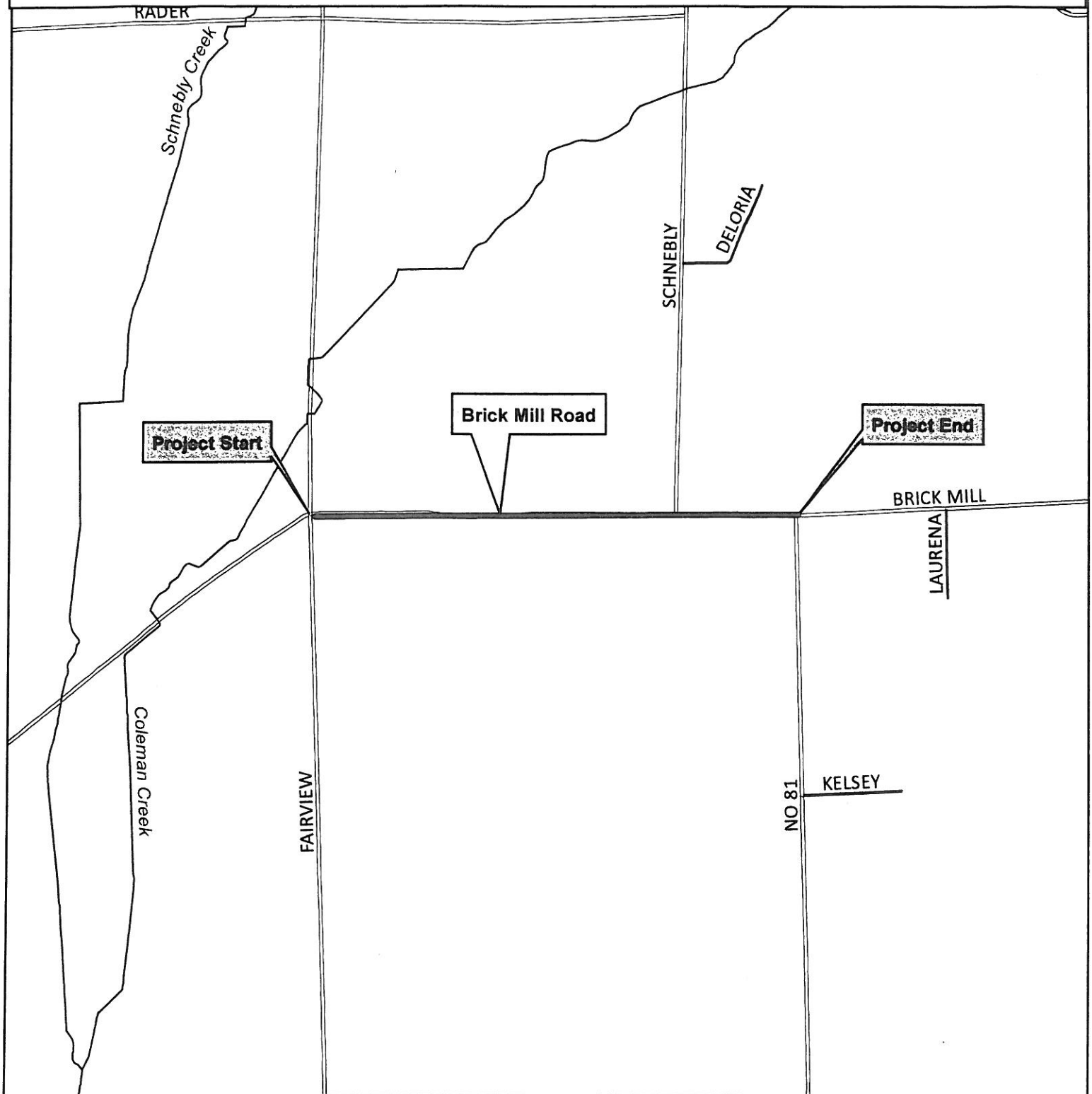
**LOCAL PROJECT APPROVAL**

RAP Preliminary Prospectus prepared under the supervision of:

Signature:  County Engineer / Date 02/23/12

\* If FA, Federal funding must be acquired prior to final prospectus submittal.

Rural Arterial Program  
Preliminary Prospectus  
Location Map for Brick Mill Road  
from Milepost 4.10 to Milepost 5.13



0 0.5 1 Miles

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**Public Notice**  
**Kittitas County, Ellensburg WA**

The Board of Kittitas County Commissioners will meet at 2:00 p.m. on April 17, 2012 at Commissioners' Auditorium, Kittitas County Courthouse, Ellensburg Washington to consider amending the 2012-2017 Six Year Transportation Improvement Plan.

More information is online at <http://www.co.kittitas.wa.us/notices/>.

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Clerk of the Board

**Publish:**

Daily Record: 4/6/2012 and 4/12/2012  
North Kittitas County Tribune: 4/12/2012

The 2012-2017 Six Year Transportation Improvement Plan (TIP) was approved by the Board of Commissioners on October 4, 2011 by Resolution No. 2011-095. This requested amendment is to add four new projects that Public Works determined are eligible for Rural Arterial Program (RAP) grant funds. These projects include: No. 6 Rd from Vantage Hwy to Kittitas Hwy, Naneum Rd from Vantage Hwy to Lyons Rd, all of Alford Rd, and Brick Mill Rd from Fairview Rd to No. 81 Rd. A fifth project, the southernmost 1.5 miles of No. 6 Rd, is also being submitted for RAP funds but is already included in the TIP.

The RAP program is administered by the County Road Administration Board (CRAB). CRAB requires that counties include the projects submitted for RAP funds in their TIPs.

According to publishing requirements under RCW 36.32.120(7), a copy of the proposed ordinance can be viewed at the County Auditor's Office, Kittitas County Courthouse, Ellensburg, Washington.

For more information, contact Public Works

For more information, contact Public Works

Anyone with an interest in this matter is urged to attend said hearing where all testimony will be taken. Written comments may be received at 205 W 5th Ave. STE 108, Ellensburg, WA 98926 at or prior to the hearing.

Kittitas County complies with all ADA requirements.