

# COUNTY ROAD ADMINISTRATION BOARD

JAY WEBER, EXECUTIVE DIRECTOR

## CRAB QUARTERLY REPORT

Issue 2

January 2012 – April 2012

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## 2011 RECORD OF COUNTY COMPLIANCE

### **Standards of Good Practice Report Submittals, February 1, 2012**

Road Levy: All 39 counties submitted the required forms by the established deadline.

### **Standards of Good Practice Report Submittals, April 1, 2012**

- Traffic Law Enforcement Certification for 2011
  - *26 of 39 counties utilized Road Funds for Traffic Law Enforcement*
- Fish Passage Barrier Expenditures for 2011
  - *Only Island County reported expenditures of \$250.00 outside of a county road right-of-way, well under the statutory limit*
- Annual Construction Report for 2011
  - *33 of 39 counties utilized County Forces Construction (CFC) in 2011*
  - *The utilization of the CFC allowance ranged from 0% to 96%*
  - *Statewide, less than 25% of the total CFC allowance was utilized*
- Annual CAPP Report for 2011
- Annual Certification for 2011
- Annual Certification for Maintenance Management System for 2011

All 39 counties submitted the multiple required forms by the established deadline.

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## APRIL 2012 CRABOARD MEETING

### **County Engineer Changes**

By letter on February 13, 2012, Asotin County announced that James Bridges, PE, was hired as County Engineer, effective February 21, 2012. An agreement with Garfield County for County Engineer services had been signed and interviews were conducted on Tuesday, January 24, 2012, for the position of Public Works Director/County Engineer.

By letter on February 8, 2012, Franklin County announced that Tim Fife, PE, was placed on paid administrative leave, effective February 2, 2012. An agreement with Benton County for County Engineer services was signed on February 6, 2012 and Mr. Fife's employment was terminated on Monday, March 26, 2012. Benton County Engineer Malcolm Bowie, PE, will continue to serve as acting Public Works Director/County Engineer until the position is filled.

Staff Contact: Walt Olsen, [Walt@crab.wa.gov](mailto:Walt@crab.wa.gov), (360) 350-6080

### **Future Submittal Deadlines**

Due May 1, 2012: County Road Log  
Road Log Action Record  
Road Log Summary Record

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### **CRABoard Meeting Agenda**

The CRABoard meeting agendas are posted ten days prior to the next CRABoard meeting. The Board's next scheduled meeting is July 19-20, 2012 in Olympia. Past agendas and meeting minutes can also be found at the following link:

<http://www.crab.wa.gov/CRABoard/meetings/meeting.cfm>

Staff Contact: Karen Pendleton, [Karen@crab.wa.gov](mailto:Karen@crab.wa.gov), (360) 350-6077

### **Summary of State Auditor's Reports Findings**

Staff reported that 7 county audit reports representing 7 counties had been reviewed since the January 2012 Board meeting. None revealed substantive findings involving county road funds. Staff Contact: Walt Olsen, [Walt@crab.wa.gov](mailto:Walt@crab.wa.gov), (360) 350-6080

### **Additional 3.5 Million Dollars for County Preservation Activities**

The recent supplemental budget action by the legislature has provided an additional 3.5 million dollars to the County Arterial Preservation Program which will be transferred from the Traffic Safety Account and generated from certain fee increases payable to the Department of Licensing. The 3.5 million dollar figure, available in this biennium, is expected to increase in future biennia to approximately 10 million dollars.

CRAB expects to distribute this additional 3.5 million in the same manner and by the same formula under which current CAPA distributions are made to the counties for preservation work. CRAB staff will meet in mid-May with representatives from the Office of Financial Management to discuss the details of the transfer and distribution, and then present our distribution plan to the Joint Legislative Transportation Committee when it meets in conjunction with the AWC conference in Vancouver in June.

CRAB is very appreciative of the legislature's effort to direct additional resources to the pressing need of system preservation, and will distribute these additional dollars soon enough that they may be used in county preservation projects this summer.

**Rural Arterial Program Issues Review**

There was one project issue brought to the CRABoard in April 2012. Mason County, per their letter dated April 16, 2012, has requested a scope change for the RATA funded North Island Drive project. The request is to reduce the design speed for one horizontal curve from 40 mph to 35 mph (the exiting safe speed is 20 mph), and also to extend the project limits from 1.31 to 1.50, with no reduction in RATA funding.

Staff Analysis and Recommendation:

Revised Ranking:

Staff has reviewed the project site and finds the proposed design speed reduction lowers the project score from 76.19 to 74.94. With the proposed extension the score is further reduced to 73.41. Since the lowest ranked project receiving funding on the array scored 43.00, the North Island Drive

project would still have been funded with the scope changes being proposed.

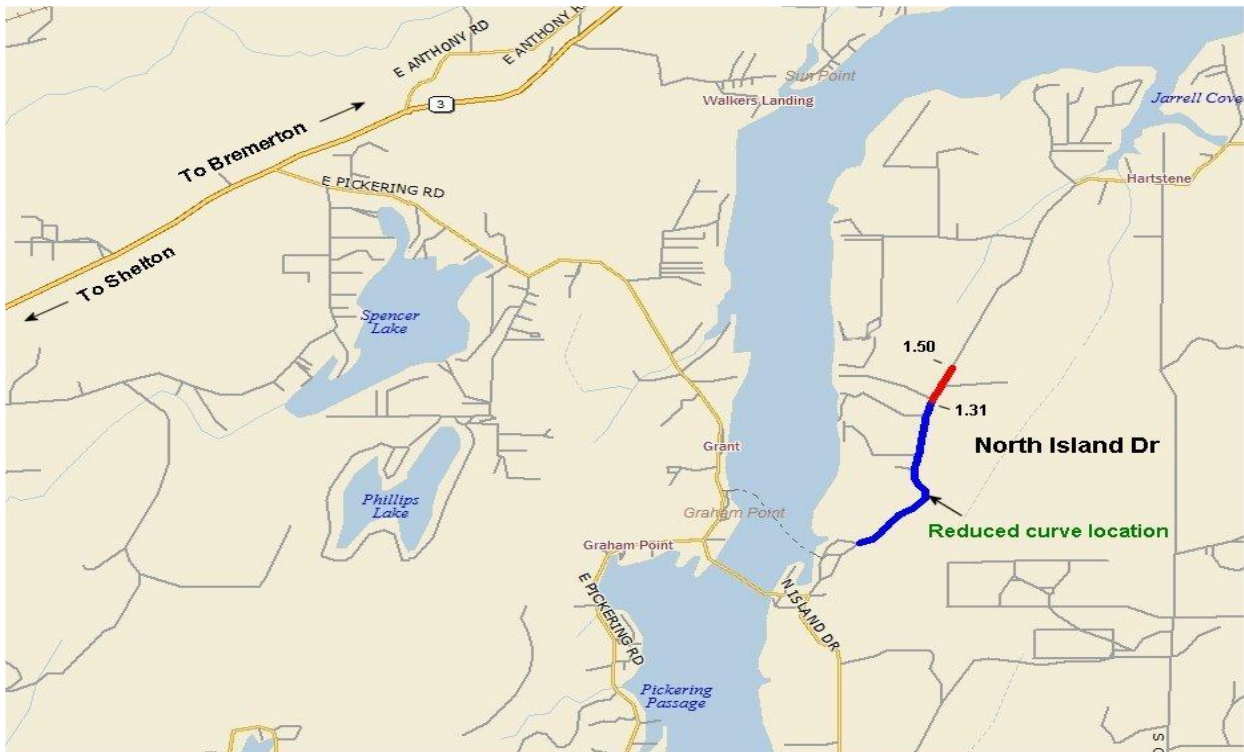
Remaining Improvements:

The county is committed to making the alignment, structural and all remaining geometric improvements to full design standards as reflected in the prospectus. The county plans to add warning signs before and after the reduced speed curve location and install centerline pavement markers the full length of the project.

Findings and Recommendation:

Staff finds the county is making best use of the RATA funding granted for the North Island Drive project with these revisions, and recommends approval of the reduced curve speed and extension of the project with no reduction in RATA funding.

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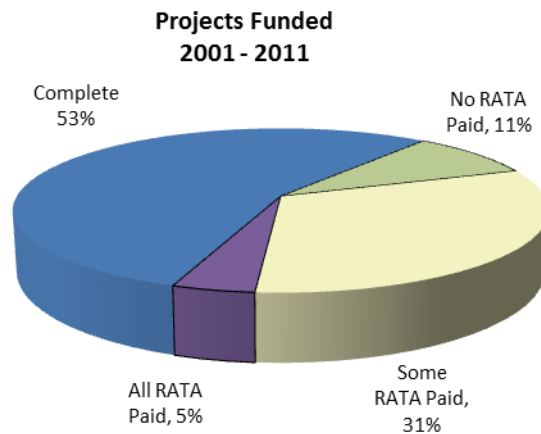
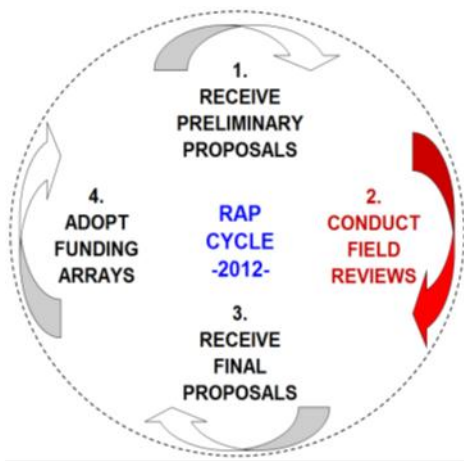
## RURAL ARTERIAL TRUST ACCOUNT (RATA) ACTIVITY AND BALANCE SUMMARY

### Circle Chart:

Of the four major tasks to be accomplished in 2012, CRAB is currently conducting project proposal field reviews for funding in 2013.

### Pie Chart:

This chart is a summary of Project Status totals (details below)



### Project Status

The table below shows 963 projects have been completed of a total of 1,060 projects. Ten other projects are also completed but are not closed out. 68 projects are in design or construction while 19 projects are in planning stages.

Project Status:	'83-'01	'01-'03	'03-'05	'05-'07	'07-'09	'09-'11	'11-'15	TOTAL
<b>Completed</b>	847	34	36	18	22	6	0	963
<b>All RATA Paid</b> (Completion is pending)	2	2	1	2	1	2	0	10
<b>Some RATA paid</b>	1	0	8	8	23	28	0	68
<b>No RATA Paid</b>	0	0	0	1	2	14	2	19
<b>TOTAL</b>	850	36	45	29	48	50	2	1060

**Fund Status**

Total revenue committed to projects since 1983 is \$485,781,143. Total expenditures to date are \$439,195,983. Another \$106,352,260 is committed to current funded projects, which means the program is over obligated (to give counties start-up cost payments) by approximately \$60,000,000.

**Anticipated Revenue to end of '11 - '13 Biennium:**

Fuel tax receipts and interest to June, 2011	448,319,543
Estimated fuel tax receipts and interest July 2011 thru June 2013	<u>37,461,600</u>
	<b>485,781,143</b>

**RAP Expenditures to date:**

To Completed Projects	390,701,531
To Projects in Design or Under Construction	39,831,061
Administration	<u>8,663,390</u>
	<b>439,195,983</b>

**RAP Obligations:**

RATA Balance on Uncompleted Current Projects	105,759,760
Additional yet to allocate	
Estimated remaining administration through 2011 - 2013 biennium	<u>592,500</u>
	<b>106,352,260</b>

**Quarter 4 – 2011 RATA Activity**

RATA activity, February through April, 2012, shows that the balance in the account has essentially remained unchanged.

MONTH	BEGINNING BALANCE	MVFT REVENUE	INTEREST + Cash Rcpts	PROJECT PAYMENTS	#	ADMIN CHARGES	ENDING BALANCE
January	\$21,950,185.63	\$1,296,274.72	\$8,605.60	\$1,980,344.27	17	\$42,927.20	\$21,231,794.48
February	\$21,231,794.48	\$1,535,193.17	\$12,636.80	\$1,207,460.03	30	\$38,048.63	\$21,534,115.79
March	\$21,534,115.79	\$1,322,275.86	\$14,883.60	\$875,639.48	15	\$31,601.72	\$21,964,034.05
<b>TOTALS:</b>		<b>\$4,153,743.75</b>	<b>\$36,126.0</b>	<b>\$4,063,443.78</b>	<b>62</b>	<b>\$112,577.55</b>	

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## TECHNOLOGY UPDATES

### Design Engineering Program

Over the past two years nearly all Washington counties have adopted AutoCAD Civil 3D as their primary road design software. While the CRAB design engineer, Jim Ayres, continues to support the previous CRAB-provided software Eagle Point and CEAL, he is now providing first rate training, support and consultation for Civil 3D. Contact Jim Ayres at the CRAB offices or our website for information on the free training offered at CRAB.

This spring Jim did much to improve Washington State's relationship with AutoDesk, the company that provides Civil 3D, a move which should prove beneficial to all state users of this design software. In April the west coast representative for AutoDesk brought a strong team of experts to both Olympia and Wenatchee for a free two day workshop on various technical design issues. Nearly 50 county staff attended in Olympia and 38 attended in Wenatchee. CRAB also invited a few WSDOT staff and local engineering consultants, knowing that establishing common ground amongst the community

of design professionals will benefit all involved. Topics presented included What is New in Civil 3D, Design Visualization, Building Information Modeling, and Infrastructure Planning for Water Resources. AutoDesk has committed to a continuing positive relationship with Washington county users of Civil 3D, to include a large presence at CRAB's 23<sup>rd</sup> Road Design Conference in November and more free workshops.



**Mobility – Transportation Asset Management**

Mobility 3.2.0 is essentially complete and will be deployed after testing. This release, with the addition of five new inventories, brings the count to 26 road system inventories. The five new assets to be inventoried are Short Span Bridges, Traffic Signals, Railroad Crossings, Curb Ramps and Cattle Guards. A further enhancement in this release is the ability to more easily record GASB information. This new release will have other enhancements such as additional custom and canned reports and enhancements to the Collision Location and Analysis System (CLAS). CRAB is also working with the Transportation Data Office to improve overall performance to the CLAS.

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**TRAINING**

**Training Conducted**

Date	Training	Location	Number of Participants	Counties Represented
Jan. 9-11	Mobility	Ritzville	9	3
Feb. 7-9	Civil 3D Basic & Advanced	CRAB	5	4
Feb. 28 – March 1	Civil 3D Basic	CRAB	4	2
March 6-7	Mobility	Friday Harbor	9	1
March 20-22	Civil 3D Basic	CRAB	5	2
April 4	Pavement Rating	Port Orchard	9	1
April 10-11	Mobility	Republic	5	1
April 10-12	Civil 3D	CRAB	10	6
April 24-25	CRAB Design Systems Technology Days	CRAB	43	16
April 26-27	CRAB Design Systems Technology Days	Wenatchee	33	13
May 1-3	County Engineer	CRAB	9	7
May 5	Pavement Rating Class	Ephrata	28	

**Upcoming Training**

Date	Training	Location	Registration Deadline
May 23-24	Pavement Rating (with WSDOT)	Tacoma	May 17
June 6-7	Mobility	CRAB	June 3

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 Jim Ayres, [JimA@crab.wa.gov](mailto:JimA@crab.wa.gov), (360) 350-6091 (AutoCAD, Autodesk Design Systems)



## STAFF ACTIVITIES

### Rural Arterial Program (RAP) Site Visits

Thirty-seven of the thirty-nine counties submitted a total of 152 preliminary prospectuses for Rural Arterial Program (RAP) grants by the March 1, 2012 deadline. The estimated costs for the 152 projects total \$280,014,200, and the potential RAP funding requested is \$230,492,100. Four CRAB engineers met with county staff members and visited all 152 project sites in March and April in order to perform visual ratings and discuss the

scope of the potential projects. The pavement information will be shared with the counties in June. A fewer number of final project prospectuses will be due at the CRAB office September 1, 2012. The project selection process for the 2013-2015 biennium will be completed at the CRABoard Meeting in April, 2013, when approximately \$40 million in grants will be awarded.

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### Inter-Agency and Professional Association Meetings

- March 13: Eastern Washington Association of County Road Superintendents, Ritzville
- March 22: Washington State Association of County Engineers, Western District, Olympia
- March 29: Washington State Association of County Engineers, Eastern District, Ritzville
- April 4-6: Washington State Chapter American Public Works Association Spring Conference, Marysville

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