

Application for OTIA funding

Agency: Benton County
Bridge ID: ODOT Bridge No 14489A
Bridge Name: Luckiamutte Road (Luckiamute River) Bridge

Contents

- Project Prospectus
- Bridge Prospectus Cost Estimate
- Bridge Prospectus – Additional information with Local Agency Funding Preference and Regional Freight Corridor Analysis (Detour map identifies State Highways)
- Detour Map and Detour length
- Vehicle and Truck Average Daily Traffic Data and Report
- Photos showing the Candidate Bridge from each approach, upstream and downstream sides and the underside of the bridge
- Recent Bridge Inspection Report



PROJECT PROSPECTUS

Part 1 — Project Request (Page 1 of 2)

										Key Number:		Jurisdiction:			
Section: Luckiamute Rd (Luckiamute R) Bridge, ODOT Bridge 14489A										Region: 2		Area: Cascades West		District: 4	
State Highway No.:		Highway Name:				Mile Point				Length: (mi)		(km)			
						From: 1.75 To: 1.85				0.10					
<input type="checkbox"/> Urban <input checked="" type="checkbox"/> Rural		City:		MPO: Within UGB		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		County: Benton		Road/Street Name: Luckiamute River Road #06630 - County Bridge #14489A					
Route No.: 6530		NHS: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		HPMS:		FC:		Applicant (if other than State): Benton County							
US Congressional District: 4				State Senate District: 12				State Representative District: 23							
Cost Estimates (x \$ 1,000)				Project Components				Right Of Way							
Preliminary Engineering		\$212		Grading		<input checked="" type="checkbox"/>		Files		(#)					
Right Of Way		\$20		Paving		<input checked="" type="checkbox"/>		Hectares		(#)					
Utility Reimbursement				Structures		<input checked="" type="checkbox"/>		Relocations		(#)					
				Signing				Acquisitions		(#)					
Roadway		\$186		Signals				Easements		(#)					
Structures		\$477		Illumination				Work By: State / Consultant / Applicant							
Signals		\$0		Landscaping		<input checked="" type="checkbox"/>		Preliminary Engineering		(S,C,A)					
Illumination		\$0		Detour Bridge		<input checked="" type="checkbox"/>		Construction Engineering		(S,C,A)					
Temp. Protection		\$59						Right of Way Descriptions		(S,C,A)					
Const. Contingencies		\$220						Right Of Way Acquisitions		(S,C,A)					
Const. Engineering		\$132		Project Categories				Constructed By							
Remove Exist Bridge		\$65		Environmental Class (1, 2, 3, PCE)		2		<input checked="" type="checkbox"/> Contract		<input type="checkbox"/> County Force					
Other		\$94		Design Category (1-7)				<input type="checkbox"/> State Force		<input type="checkbox"/> Other					
Total CE and Construction:		\$1,234		Work Type Code (1-13)				<input type="checkbox"/> City Force							
Total Estimate:		\$ 1,466		Primary STIP Work Type:											
Recommended Let Date By Federal Fiscal Year (Quarter-Year):															
PE Fund:				R/W Fund:				UR Fund:				CE-CN Fund:			
PE EA:				R/W EA:				UR EA:				CE-CN EA:			
Item		Existing		Proposed		Define The Problem:									
Travel Lanes (#)		2		2		The bridge has a Sufficiency Rating of 46.1 and is Structurally Deficient. The girders are in Stage 2 cracking with shear crack widths to 0.016 in. The Bent 2 and 3 cross beams have shear cracks to 0.030 in. Girder 2 at Bent 4 has a longitudinal crack and delamination on each face 5 in. below the deck to the midspan diaphragm. The deck soffit exhibits minor cracking with efflorescence and small spall with rust staining at Span 1. Bents 2 and 3 are supported on shallow spread footings which are scour critical. The bridge is Phase 2 seismic vulnerable.									
Structures (#)		1		1											
Signals (#)		0		0											
Bike Way (#)		0		0											
Average Daily Traffic		250		400											
Year of ADT		2003		2023											
Throughway Y/N		N		N											
Describe Proposed Solution: - Attach Sketch Map															
The deficiencies identified are most feasibly addressed by replacing the existing bridge on a new alignment with a new 31 ft wide by 140 ft long prestressed concrete bridge. During construction of the new bridge traffic could be maintained on the existing bridge. The existing bridge will be removed once the new bridge construction is complete.															
Prepared By: <i>C.R. Knoll</i>				Date: <i>10/14/03</i>				OTC Approval Date:				Program Year:		Funding Amount:	



PROJECT PROSPECTUS

Part 1 Project Request (Page 2 of 2)

Key Number:	Jurisdiction:
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Section: Luckiamute Rd (Luckiamute R) Bridge, ODOT Bridge 14489A	Region: 2	Area: Cascades West	District: 4
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Project Justification

Replacement of the bridge is needed to provide the best long-term solution for the existing problems. The bridge is in crack Stage 2. The severity of the cracking is likely to increase to eventually require load limit posting for legal vehicles. The foundations and the bridge are vulnerable to damage and failure from scour. The end bents/abutments are supported by timber piling installed with the construction of the bridge in 1956 that can not be properly inspected. Repair of the cracked girders is not a cost effective alternative. The importance of replacement of this bridge is significant due to its average daily traffic of about 250 vehicles per day of which 14% is truck traffic. Truck traffic will increase with the seasonal activities related to Forest Management and Harvesting associated with the area served by this road. This area extends into Polk County and is in excess of 10,000 acres. The detour length is 18 miles and extends into Polk County.

Additional Information For Project Requested By Local Jurisdictions

Responsible Local Office To Be Contacted For The Following Activities:

- | | | | | |
|---|-------|----------|-------|---------|
| 1. Public Hearing / Citizen Involvement | _____ | (Office) | _____ | (Phone) |
| 2. Environmental / Planning | _____ | (Office) | _____ | (Phone) |
| 3. Pre-Engineering | _____ | (Office) | _____ | (Phone) |

This Official Request is From:

City of: _____	and/or BENTON _____ County
By: _____	By: <i>C.R. Knoll</i> C. R. Knoll, PE, Senior Engineer
By: _____	By: Roger Irvin, PE, Director of Public Works
	By: _____

Applicable Intergovernmental Agreements:

IGA Number:	Jurisdiction Name:	Agreement Date:
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Administrative Recommendation

Bridge Prospectus Cost Estimate

		NBIS			
		Bridge No.			
Applicant:	Benton County	14489A			
Project /	Luckiamute Rd (Luckiamute R)	Region:	Area:	District:	
Section	Bridge, ODOT Bridge 14489A	2	Cascades West	4	
New Bridge / Roadway Configuration:			Existing Bridge:		
Left Side Rail	1.5 feet	Bridge Length	133 feet		
Left Sidewalk	feet	Bridge Width	28.83 feet		
Shoulder	4.5 feet	Area	3835 square ft.		
Lane 2	feet				
Lane 1	10 feet	New AC Top Width	29 feet		
--CL--	feet	New AC Depth	5 inches		
Lane 1	10 feet	New Base Depth	15 inches		
Lane 2	feet	Project Length	740 feet		
Shoulder	4.5 feet	Net Road Work Length	600 feet		
Right Sidewalk	feet	X-S Side Slope	3:01		
Right Side Rail	1.5 feet	AC Avg Width	24 feet		
			Base Avg Width	26 feet	
Bridge Length	140 feet	Asphalt Density	150 pounds/ cu ft		
Bridge Width	32 feet	Base Density	144 pounds/ cu ft		
New Area	4340 square ft.	New AC Received	555 tons		
			New Base Required	1404 tons	
COST ESTIMATE:					
	Quantity	Unit	Price per unit	Cost (\$x1000s)	
Right-of-Way	1	Acre	\$ 20,000	\$20	
==Roadway==					
Clear & Grub	\$ 10,000	lump sum		\$10	
General Excavation	2,000	cubic yards	\$ 10.00	\$20	
Embankment in Place	2,000	cubic yards	\$ 20.00	\$40	
Pavement Removal	16,800	square feet	\$ 2.00	\$34	
Aggregate Base	1,150	tons	\$ 20.00	\$23	
Asphalt Concrete	550	tons	\$ 50.00	\$28	
Riprap	200	cubic yards	\$ 40.00	\$8	
Guardrail, Type 2A		feet		\$0	
Guardrail, Type 3		feet		\$0	
Guardrail Trans		feet		\$0	
Flared Terminals	4	each	\$ 6,000.00	\$24	
Subtotal Roadway				\$186	
Structures	4,340	square feet	\$ 110.00	\$477	
Signals		lump sum		\$0	
Illumination		lump sum		\$0	
Temporary Protection	\$ 59,000	lump sum		\$59	
Remove Existing Bridge	\$ 3,835	square feet	17	\$65	
		lump sum		\$0	
Mobilization	94,000	lump sum		\$94	
Subtotal Structures				\$696	
Subtotal Construction				\$882	
==Engineering==					
Construction Engineering	15	percent of construction		\$132	
Contingency	25	percent of construction		\$220	
Subtotal Const. Eng.				\$353	
Preliminary Engineering					
Consultant	18	percent of construction		\$159	
State		percent of construction		\$0	
County	6	percent of construction		\$53	
Subtotal PE				\$212	
Total Estimate				\$1,466	

Bridge Project Prospectus Additional Bridge Information

Applicant: Benton County		NBIS Bridge Number: 14489A					
Project Name / Section: Luckiamute Rd (Luckiamute R) Bridge, ODOT Bridge 14489A		Region: 2	Area: Cascades West				
		District: 4					
Funding Preferred Source: <input checked="" type="checkbox"/> OTIA III <input type="checkbox"/> Federal HBRR Acceptable Source: <input checked="" type="checkbox"/> OTIA III <input type="checkbox"/> Federal HBRR	Heavy Vehicle Usage <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; border-bottom: 1px solid black;">Existing</td> <td style="text-align: center; border-bottom: 1px solid black;">Proposed</td> </tr> <tr> <td style="border: 1px solid black;">Truck AADT: 40</td> <td style="border: 1px solid black;">80</td> </tr> </table> Fire Truck Usage: <input type="checkbox"/> YES, at least 25% of trips use bridge. <input checked="" type="checkbox"/> No. Less than 25% of trips	Existing	Proposed	Truck AADT: 40	80	Detour Detour Route: Length: 18 miles Map: (Please attach map)	
Existing	Proposed						
Truck AADT: 40	80						

Regional Freight Corridor Analysis:

The importance of replacement of this bridge is significant due to its average daily traffic of about 250 vehicles per day of which 14% is truck traffic. Truck traffic will increase with the seasonable activities related to Forest Management and Harvesting associated with the area served by this road. This area extends into Polk County and is in excess of 10,000 acres. The detour length is 18 miles and extends into Polk County. Luckiamute Road provides access to Kings Valley Highway (OR HWY 223) that connects to OR HWY 20 providing major access to timber processing industries primarily located in Benton, Lane, and Linn Counties

Special Consideration:

Emergency Response: The bridge provides access to emergency vehicles and fire response equipment located on Kings Valley Highway approximately 6 miles from the bridge. Further degradation of the bridge would result in a longer detour.

Traffic Study Information: Two traffic studies was conducted in 2003 for Luckiamute Rd at this bridge. The studies recorded average daily traffic of 224 and 251 vehicles per day with 14% truck traffic. A copy of the most recent report is attached.

Detour Route: The detour length is 18 miles and extends into Polk County. The detour route is shown on the project location map.

Bridge Project Prospectus

Requested Changes to National Bridge Inventory System (NBIS) Data

(Form Optional)

Applicant: Benton County	Bridge Number: 14489A		
Project Name / Section: Luckiamute Rd (Luckiamute R) Bridge, ODOT Bridge 14489A	Region: 2	Area: Cascades West	District: 4

This form must be completed if an agency is proposing a change to the data in the existing National Bridge Inventory System data. The information must be in conformance with the Recording and Coding Guide for the Structure Inventory and Appraisal of the Nation's Bridges, Report No. FHWA-PD-95-001, December 1995.

Changes proposed to the Detour Length, Average Daily Traffic and Truck Average Daily Traffic will be acquired from other parts of this application and used to compute updated Federal Sufficiency Ratings and in the calculation of the Technical Ranking Score.

The data listed below are used in the calculations of the Technical Ranking Score and proposed changes will be considered. For any changes proposed, attach backup data as to the reason for the change.

Item 25	Functional Classification	
Item 28	A Lanes on Structure	
Item 32	Approach Roadway Width	
Item 43	Structure Type, Main	
Item 51	Bridge Roadway Width	
Item 53	Vertical Clearance over Deck	
Item 54	Underclearance	
Item 55	Minimum Left	
Item 56	Minimum Right	
Item 100	Defense Highway Designation	

Items 58, 59, 60, 62, 67, 68, 69, 71 and 72 are used in the calculation of the Federal Sufficiency Rating. These data elements are supplied by ODOT and are not subject to corrections at this time.

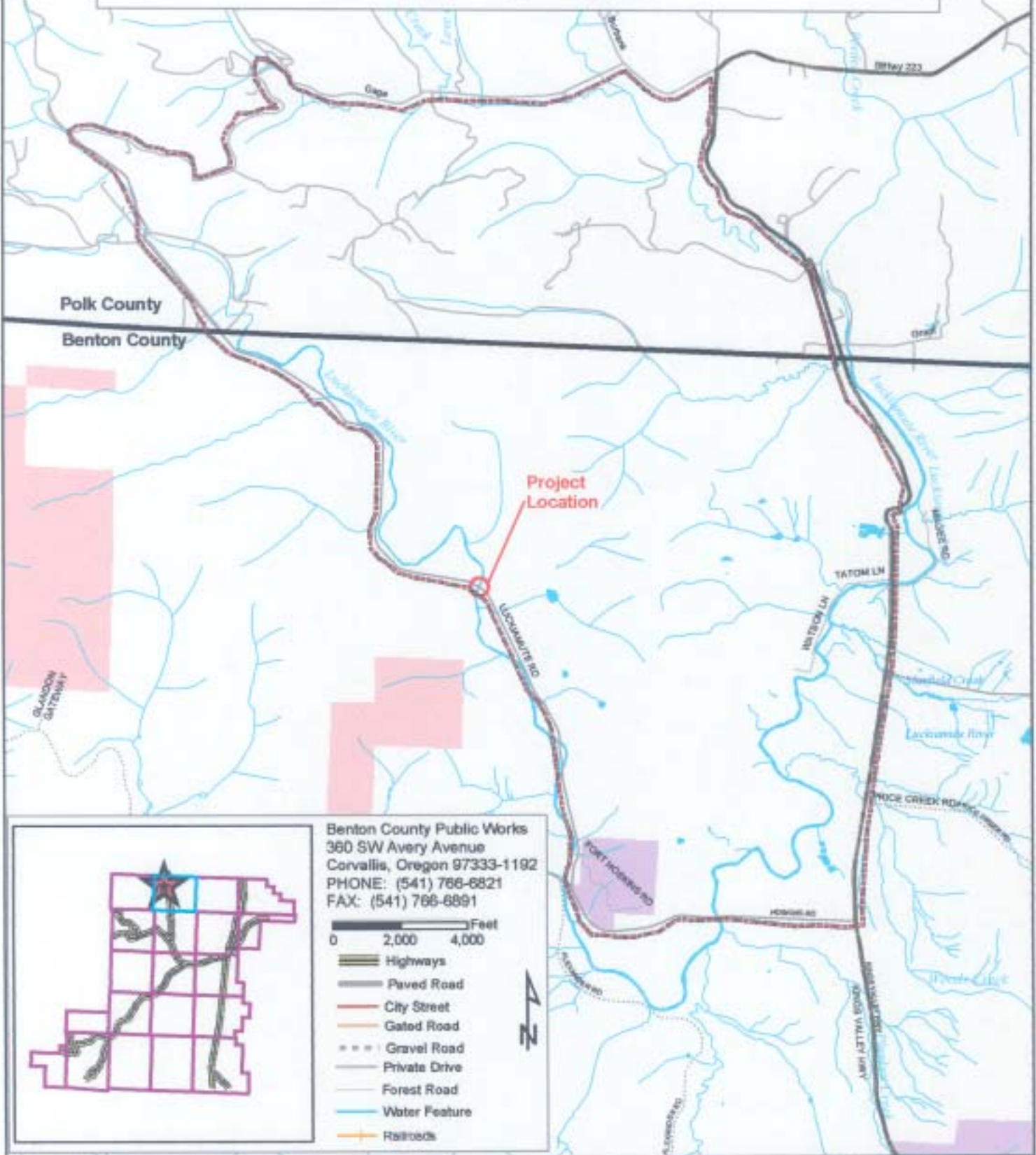
The Inventory Rating (Item 66) must be provided by a Licensed Professional Engineer, based on calculations following ODOT's Load Rating Guidelines. The engineer's calculations must be included.

Item 66	Inventory Rating	
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Project Location Map

Luckiamute Road (Luckiamute River) Bridge

Detour For Bridge Closure - Luckiamute Road, Gage Road, Burbank Road, Highway 223, Hoskins Road, Luckiamute Road
 Detour Length - 18 Miles



Polk County

Benton County

Project Location



Benton County Public Works
 360 SW Avery Avenue
 Corvallis, Oregon 97333-1192
 PHONE: (541) 766-6821
 FAX: (541) 766-6891

0 2,000 4,000 Feet

- Highways
- Paved Road
- City Street
- Gated Road
- Gravel Road
- Private Drive
- Forest Road
- Water Feature
- Railroads





PUBLIC WORKS DEPARTMENT

360 SW Avery Avenue
Corvallis, OR 97333-1192

(541) 766-6821

FAX (541) 766-6891

www.co.benton.or.us/pw/index.html

Date: September 9, 2003

To: Luckiamute Road- County Road No. 06530

From: Daineal Jennings

Re: Traffic study conducted on Luckiamute Road at milepost 1.9.

Enclosed is a report of a traffic study conducted during the period of: 8/2/2003-8/9/2003. The site under investigation is located on Luckiamute Road just South of the Bridge at milepost 1.9.

The purpose of this traffic study is for bridge traffic report. The equipment used to conduct this study was a Unicorn TT 502 Vehicle Traffic Classifier. The vehicle traffic classifier records count, time and axle length. The data are compiled for each lane and for combined directions.

This traffic data indicates that the average daily traffic for this portion of Luckiamute Rd to be 224 vehicles per day. This value is consistent with County records of past average daily traffic (ADT) counts, with an allowance for growth in the past five years. The most recent recorded count being 251 vehicles per day in 2003. These ADT records are stored in the Road Information System (RIS).

The traffic study report includes the following:

1. Vehicle classification and percentages

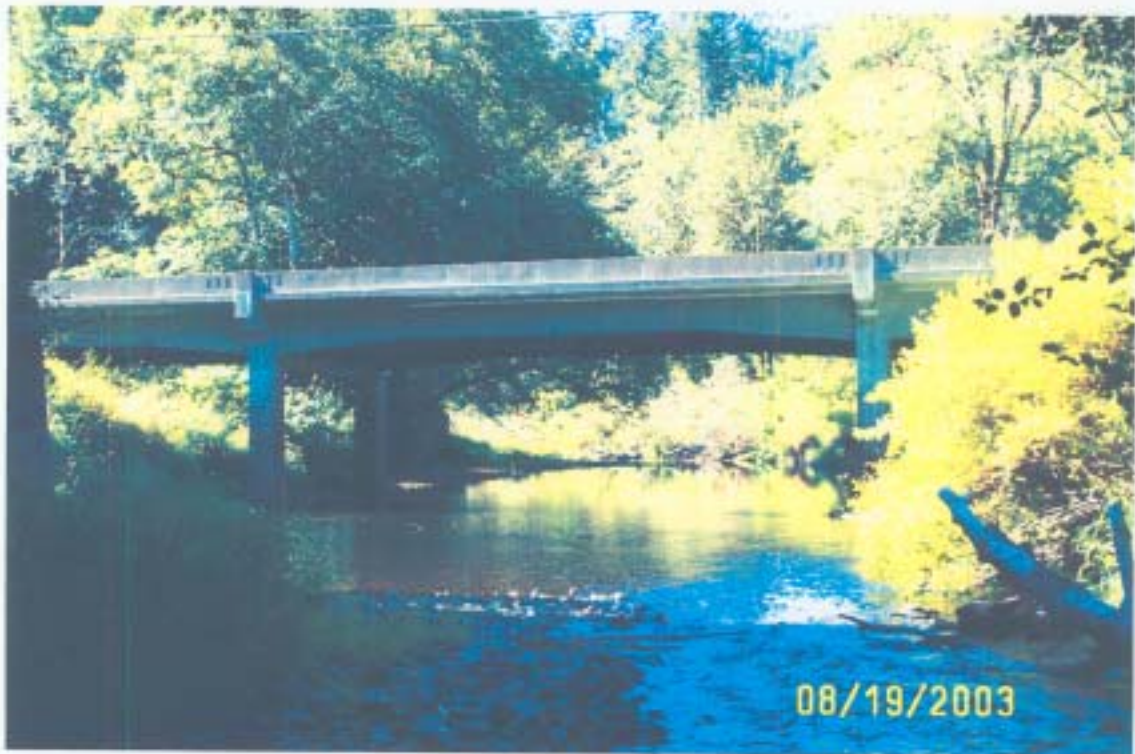
Vehicle Classification and Percentages

Road Name	<u>Luckiamute Rd</u>	Location	<u>MP 1.9</u>
Road Number	<u>6530</u>	Dates beg	<u>09/02/2003</u>
City	<u>0</u>	Dates end	<u>09/09/2003</u>
County	<u>Benton</u>	Direction	<u>Combined</u>

1569 Total vehicles
224 Average Daily Traffic

1.85% Motorcycles
54.68% Passenger cars
29.38% Other 2 axle, 4 tire vehicles (w/wo trailer)
0.00% Buses
1.59% 2 axle, 6 tire, single trailer trucks
5.93% 3 axle, single unit trucks
0.00% 4 axle, single unit trucks
0.32% 4 or less axle, single trailer trucks
4.40% 5 axle, single trailer truck
1.08% 6 or more axle, single trailer trucks
0.06% 5 axle, multi-trailer trucks
0.25% 6 axle, multi-trailer trucks
0.45% All other vehicles
13.64% All trucks total

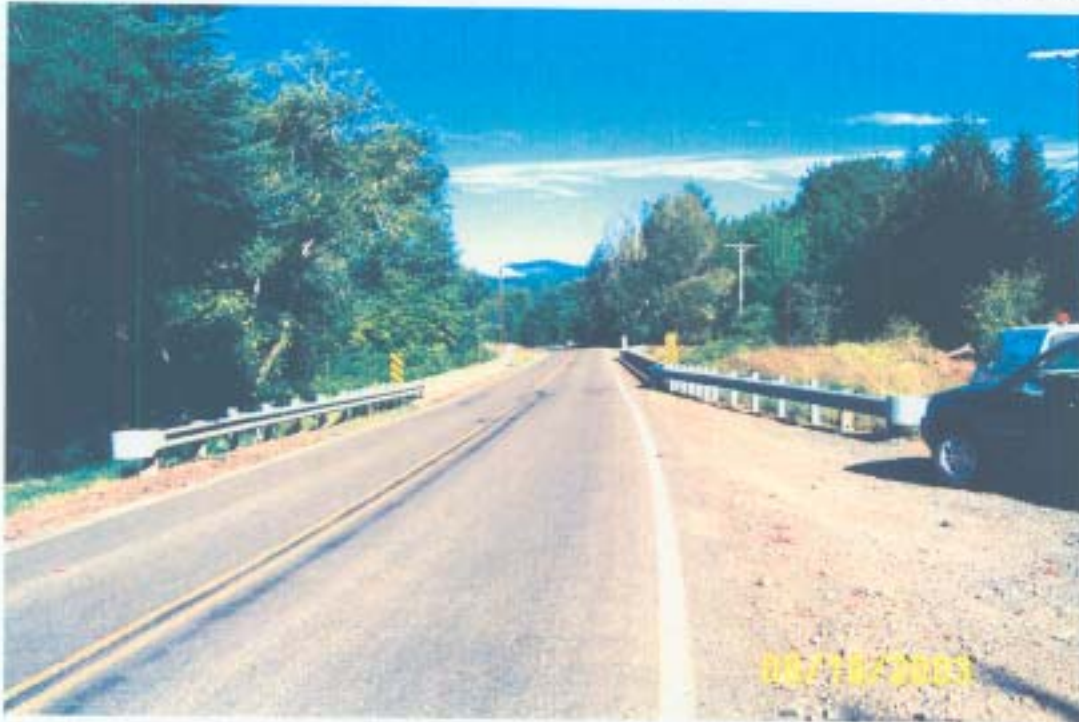
Luckiamute Road Bridge - Looking Downstream



Luckiamute Road Bridge - Looking Upstream
Note the remaining footing from the previous bridge



Approach to Luckiamute Road Bridge - South traveling North



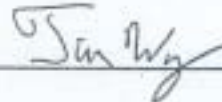
Approach to Luckiamute Road Bridge - North traveling South



OREGON DEPT OF TRANSPORTATION BRIDGE INSPECTION REPORT

District	District 4	Owner	County Highway Agency	Bridge ID	14489A
Bridge Name	LUCKIAMUTE RIVER	County	Benton	Fac Carried	LUCKIAMUTE R RD
Local Name		Record Type	1	Mile Post	1.80
Local ID	06530-18	Insp Freq	24 Months	Inspector 1	Way, Tim (C0039)
Suff Rating	46.10	Insp Date	04/02/03	Inspector 2	Hysell, Jerry (CT022)
AC Depth	3.0 in	Bridge Length	134.0 ft	Bridge Width	28.6 ft

Signature: _____



ELEMENT CONDITION STATES

Elem	Description	Env	Qty Units	Element Condition States					Temp
				1	2	3	4	5	
13	Conc Deck Unprt w/AC Olay	Moderate	3800 sqft	100%	0%	0%	0%	0%	N
110	Conc Open Girder	Moderate	536 ft	0%	100%	0%	0%	0%	N
155	Conc Floor Beam	Moderate	46 ft	0%	0%	100%	0%	0%	N
205	Conc Column/Pile Extn	Moderate	4 ea	100%	0%	0%	0%	0%	N
206	Timber Column/Pile Extn	Moderate	4 ea	100%	0%	0%	0%	0%	N
234	Conc Cap	Moderate	2 ea	100%	0%	0%	0%	0%	N
331	Conc Bridge Railing	Moderate	284 ft	95%	5%	0%	0%	0%	N
359	SF - Deck Soffit	Moderate	1 ea	99%	1%	0%	0%	0%	N

APPRAISAL

Appraisal	NBI #	Rating
Scour	113	2 S/C - Immediate action required
Bridge Rail	36A	0 Does not meet standards
Transitions	36B	0 Does not meet standards
Approach	36C	1 Meets acceptable standards
Rail Ends	36D	1 Meets acceptable standards
Structural	67	4 Meets minimum tolerable limits to be left in place as is
Deck Geometry	68	5 Somewhat better than minimum adequacy to tolerate being left in place as is
Clearance	69	N Not Applicable

NBI CATEGORY

Category	NBI #	Rating
Approach Condition	6	Satisfactory
Deck Wearing Surface		5 Fair
Deck	58	7 Good
Superstructure	59	5 Fair
Substructure	60	4 Poor
Channel	61	7 Bank needs minor repairs
Culvert/Retaining Walls	62	N Not Applicable

Monday, June 30, 2003

Waterway 71 7 Better than present
 minimum criteria
 Approach 72 8 Equal to present
 Alignment desirable criteria

REMARKS

Element #	Bent/Span	Member ID	Deficiency Description
13	S1-3	PAVE	ROUGH CRACKED, RAVELING & POTHOLED, LARGEST IS SHEAR CRACKING .016" IN S2,
110	ALL	GIRDERS	GIRDER #4. OTHER GIRDERS HAVE .010". GIRDER 2 @ BT. 4 HAS A LONGIT. CRACK & DELAMINATION ON EACH FACE APPROX. 5" BELOW THE DECK TO THE CROSSBEAM @ MIDSPAN.
155	B2,3	CROSS BMS.	SHEAR CRACKS IN BOTH BEAMS .022" TO .030" WIDE CRACKS @ THE UTILITY HOLES. CRACK MONITOR ON BT.2 CROSS BEAM DOWNSTREAM SIDE RIVER FACE.
205	B2	FTG	TOP OF THE FOOTING EXPOSED.
359	S1	SOFFIT	MINOR CRACKING WITH EFFLORESCENCE. SMALL SPALL W/RUST STAINING @ SPAN 1.
990	ALL	APPR	SETTLEMENT @ THE BRIDGE ENDS W/WIDE ACWS CRACKS CAUSING VEHICLE IMPACT TO DECK.
990	B1	EMBANK	MINOR SETTLEMENT OF EMBANKMENT EXPOSING THE TOPS BT. 1 PILES.

MAINTENANCE RECOMMENDATIONS

Crew #	Work Order	Priority	Elem #	Bent/ Span	Member Work	Est Cost	Comp Date
	Monitor		110	ALL	GIRDERS MONITOR CRACKING & DELAMINATION IN GIRDERS.	300	
	Monitor		155	B2,3	CROSS BMS. MONITOR SHEAR CRACKS IN CROSS BEAMS.	300	
	Routine/Schedule		990	ALL	APPRO. REPAIR SETTLEMENT & SEAL CRACKS.	2500	
	Monitor		990	ALL	FTGS MONITOR FOOTINGS FOR SCOUR DURING LOW WATER.	300	

LOAD RATING

Rating Date		Posting Req	(5) = or > legal
Design Load	H20	OR Method	No rating analysis performed
Operating Rating	33.0 ton	IR Method	No rating analysis performed
Inventory Rating	20.0 ton		

Monday, June 30, 2003

Truck	Operating Rating	Inventory Rating	% Below	Posting Required	Controlling Member	Actual Posting	Posting Date
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No load rating postings found.

LOAD RATING CONDITION COMPARISON CHART

Category	NBI #	Rating Condition	Current Condition
Approach Condition			6 Satisfactory
Deck Wearing Surface			5 Fair
Deck	58	7 Good	7 Good
Superstructure	59	8 Very good	5 Fair
Substructure	60	7 Good	4 Poor
Temporary Repairs	103	No	No
Wearing Surface Thickness			3.0 in

INSPECTION SCHEDULE

Activity	Conducted On	Frequency	Next Inspection
Routine Inspection	04/02/03	Every 2 yr	04/01/05
X-Channel Profile	11/01/97	Every 10 yr	11/01/07

Monday, June 30, 2003

45.1 SUFF RATING Structurally Deficient

STRUCTURE AND INVENTORY APPRAISAL

BRIDGE NO 14489A
INSP DATE 04/03

(122) HIGHWAY/CO RD. (2) HIGHWAY DISTRICT	006530	4 (43) STRUCT MAIN	2 Concrete continuous G2 Stringer/Multi-beam or Girder	(92) CRITICAL FEAT INSP	DATE (93) DATE
(3) COUNTY		3 (44) STRUCT APPR	0 Other 00 Not Applicable	(A) FRACTURE CRIT	n 00 2001
(4) CITY	00000	(45) NUMBER MAIN SPANS	3	(B) UNDERWATER INSP	n 00 2001
(5) INVENTORY ROUTE	141000000	(46) NUMBER APPR SPANS	0	(94) COST OF IMPROVEMENT	
(6) FEATURES INT	LUCKIAMUTE RIVER	(47) HORIZONTAL CLEARANCE	24.0	(95) ROADWAY IMPROVEMENT	
(7) FACILITY CARRIED	LUCKIAMUTE R RD	(48) MAXIMUM SPAN LENGTH	51.0	(96) PROJECT COST	0.0
(8) STRUCTURE NUMBER	14489A000	(49) STRUCTURE LENGTH	134.0	(97) YR OF IMPROVEMENT	
(9) LOCATION	018 MI N OF HOSKINS	(50) SIDEWALK WIDTH	LT 1.5 RT 1.5	(98) BORDER BR ST- CODE	%
(10) VERT CLEARANCE	100.0 ft	(51) BRIDGE ROADWAY WIDTH	24.0	(99) BORDER STRUCTURE NO	
(11) MILEPOINT	1.80	(52) DECK WIDTH	28.8	(100) DEFENSE HIGHWAY	0
(16) LATITUDE	44.7036 N	(53) VERT CLEAR OVER DECK	100.0 ft	(101) PARALLEL STRUCTURE	N
(17) LONGITUDE	123.4916 W	(54) VERT CLEAR UNDER DECK CD	0.00 ft	(102) DIRECTION OF TRAFFIC	2
(19) BYPASS DETOUR	99.0	(55) MIN LAT UNDERCLEAR CD	N RT 0.0	(103) TEMPORARY STRUCTURE	0
(20) TOLL	3 On free road	(56) MIN LAT UNDERCLEAR	LT 0.0	(104) HIGHWAY SYSTEM	0
(21) CUSTODIAN	02 County Highway Agency	*** CONDITION ***			
(22) OWNER	02 County Highway Agency	(58) DECK	7	(106) YEAR RECONSTRUCTED	
(26) FUNC CLASS	06 Rural Minor Collector	(59) SUPERSTRUCTURE	5	(107) DECK STRUCTURE	1
(27) YEAR BUILT	1956	(60) SUBSTRUCTURE	4	(108) WEARING SURFACE	600
(28) LANES ON	2 LANES UNDER 0	(61) CHANNEL	7	(109) TRUCK ADT	15.0%
(29) AVERAGE DAILY TRAFFIC	200	(62) CULVERT	N	(110) DESIGNATED NATIONAL NETWORK	0
(30) YEAR OF ADT	2003	(64) OPERATING RATING	33.0	(111) PIER PROTECTION	
(31) DESIGN LOAD	4 H20	(66) INVENTORY RATING	20.0	(112) NBIS BRIDGE LENGTH	Y
(32) APPROACH ROADWAY	24.0 ft	*** APPRAISAL ***			
(33) BRIDGE MEDIAN	0 None	(67) STRUCTURE CONDITION	4	(113) SCOUR CRITICAL BRIDGE	2
(34) SKEW	0	(68) DECK GEOMETRY	5	(114) FUTURE ADT	280.0
(35) STRUCTURE FLARED	0	(69) UNDERCLEARANCE	N	(115) YEAR OF FUTURE ADT	2023
(36) TRAFFIC SAFETY FEATURE	0011	(70) POSTING	5	(116) VERT-LIFT CLEARANCE	
(37) HISTORICAL SIGNIFICANCE	4	(71) WATERWAY ADEQUACY	7	*** STATE INFORMATION ***	
(38) NAVIGATION CONTROL	0	(72) APPR RDWY ALIGNMENT	6	(117) EST MAINT COST	5300.0
(39) NAVIGATION VERT CLEAR	0.0	(75) TYPE OF WORK		(118) CULVERT LENGTH	#
(40) NAVIGATION HORZ CLEAR	0.0	(78) IMPROVEMENT LENGTH		(119) CULVERT INSIDE HEIGHT	#
(41) OPEN STATUS	A	(90) INSPECTION DATE	0403	(120) INSPECTOR NUMBER	Way, Tim (C0039)
(42) TYPE SERVICE	1 Highway Waterway	(91) INSPECTION FREQUENCY	24 MO	(121) MAINTENANCE NOTES	
(12) BASE HIGHWAY NETWORK	0	(93) OPER RATING METHOD	5		

Monday, June 30, 2003