

P2 Bridge Preservation - Replacement/Rehab Projects

2011-13 Bien Priority Array

(Sorted by Priority Number)

11-13 #	Bridge Number	Bridge Name	Mile post	Region	Length	Future work Description
6	090/322S	SR 261 OC	221.95	Eastern	169	Replace Bridge
7	090/322N	SR 261 OC	221.95	Eastern	169	Replace Bridge

Total Number of Bridges = 2



2011-13 Bien P2 Bridge Replacements/Rehab Candidate

Bridge Number: 90 / 322N	Structure ID 0005761B	Bridge Name: SR 261 OC	Milepost: 221.95	Region: Eastern	
Year Built / YR Widened: 1952	Bridge Type: CVS	Number of Main/Appr span 3 / 0	Sufficiency Rating: 45.01 SD		
Bridge Width (curb-curb): 31.7 ft	Bridge Length: 169 ft	Max Span: 66 ft	Bridge Deck View 		
Average Daily Traffic: 7,800	Truck% 28%	Number of Lanes: 2			NHS: YES
Vertical Clearance: NA	Detour Length (miles): 2				Appr Rdway Width: 40.0 ft
Design Load: HS 15	HS: 1.25	Load Restricted Bridge? <input type="checkbox"/>			
Op Rating: 36.00	A1: 1.75	BL Load:			
Inv Rating: 22.00	A2: 1.59	CL-8 Load:			
	A3: 1.63	SA Load:			
Bridge Inspection Information			Bridge Profile View 		
Date Inspected: 8/11/2008	Structr Adequacy: 4				
Superstr Code: 4	Safe Load: 5				
Substr Code: 6	Deck Geometry: 2				
Deck Code: 7	Underclearance: 8				
Scour: N	Waterway: 9				
Proposed Bridge Replacement Information					
New Bridge Width: 40 ft.	Bridge \$'s:				
New Bridge Length: 175 ft.	Total \$'s:				
Priority Array #: 7					
PIN Number:					
WIN Number:	Repl/Rehab Year:				
Contract Number:	Ad Date:				

THIS BRIDGE IS CLASSIFIED "SD" BASED ON THE SUPERSTRUCTURE CONDITION.

Superstructure is coded as a "4" due to the longitudinal rusty cracks in the soffit of the hollow slab. note Top of slab covered with ACP. Edge of slab Leaching at slab to barrier interface. Vertical and diagonal hairline cracks on both edges of slab. Longitudinal crack in edge of slab at the NW corner approximately 15 ft. long. Soffit. Longitudinal cracks in soffit. Leaching along longitudinal joint at bottom centerline of slab in all spans. Longitudinal rust stained and leaching cracks, almost the full lengths of Span 1 and Span 2 (Photos #4 and #5). The northeast corner of Span 3 has a spall 4" x 4" x 1/2" deep.

This bridge has been added to the 2009-11 P2 Program Replacement List.



2011-13 Bien P2 Bridge Replacements/Rehab Candidate

Bridge Number: 90 / 322S		Structure ID 0005761A		Bridge Name: SR 261 OC		Milepost: 221.95		Region: Eastern	
Year Built / YR Widened: 1958		Bridge Type: CVS		Number of Main/Appr span 3 / 0		Sufficiency Rating: 39.68 SD			
Bridge Width (curb-curb): 31.7 ft		Bridge Length: 169 ft		Max Span: 66 ft		Bridge Deck View			
Average Daily Traffic: 8,026		Truck% 28%	Number of Lanes: 2		NHS: YES				
Vertical Clearance: NA		Detour Length (miles): 2		Appr Rdway Width: 40.0 ft					
Design Load: HS 20		HS: 0.79	Load Restricted Bridge? <input type="checkbox"/>						
Op Rating: 32.00		A1: 1.07	BL Load:				Bridge Profile View		
Inv Rating: 19.00		A2: 1.10	CL-8 Load:						
		A3: 1.10	SA Load:						
Bridge Inspection Information									
Date Inspected: 8/11/2008		Structr Adequacy: 4							
Superstr Code: 4		Safe Load: 5							
Substr Code: 6		Deck Geometry: 2							
Deck Code: 7		Underclearance: 8							
Scour: N		Waterway: 9							
Proposed Bridge Replacement Information									
New Bridge Width: 40 ft.		Bridge \$'s:							
New Bridge Length: 175 ft.		Total \$'s:							
Priority Array #: 6									
PIN Number:									
WIN Number:		Repl/Rehab Year:							
Contract Number:		Ad Date:							
<p>THIS BRIDGE IS CLASSIFIED "SD" BASED ON THE SUPERSTRUCTURE and DECK CONDITION. Superstructure is coded as a "4" due to the longitudinal rusty cracks in the soffit of the hollow slab. Top of slab covered with ACP, see note 801. Edge of slab longitudinal crack, approximately 20 ft. long in north edge of Span 1; crack starts near west abutment. Another rust stained crack that is approximately 8 ft. long along north edge of the slab in Span 1. Vertical cracks in edges of the deck. 2005 interim inspection: There were no apparent changes to the overall delamination characteristics. All spans have a rusty leaching crack about 12" from the north edge. Transverse leaching cracks, some are rust stained. Random small spalls in the bottom of the slab, some are rust stained. A 4" diameter x 1/2" deep rust stained spall at the south end of Span 1 near midspan. There is a 25ft. long delamination with a rusty area on the north face of Span 3.</p> <p>This bridge has been added to the 2009-11 P2 Program Replacement List.</p>									



P2 Bridge Preservation - Bridge Repair

2011-13 Bien Priority Array

(Sorted by Priority Number)

11-13 #	Bridge Number	Bridge Name	Region	Repair Description	Bridge Item\$'s
33	90/540N	HANGMAN CR	Eastern	Repair deteriorated conc in CBOX	\$150,000
34	90/540S	HANGMAN CR	Eastern	Repair deteriorated conc in CBOX	\$100,000
49	290/4.7E-E	3RD AVE & E-E RAMP O	Eastern	Repair deteriorated Conc	\$200,000
55	195/24	S FK PALOUSE R CT HO	Eastern	Repair deteriorated Conc	\$100,000
62	90/545E-E	FOURTH-E RAMP	Eastern	Repair deteriorated conc in CBOX	\$200,000
79	2/601	STEVENS CR UPPER X-I	Eastern	Replace Bridge Rail	\$25,000
82	21/321	W FK SAN POIL	Eastern	Replace Conc Bridge Rail	\$50,000
83	21/323	SAN POIL R	Eastern	Replace Conc Bridge Rail	\$50,000
84	26/2SP	N FK PALOUSE-WEST W	Eastern	Replace Conc Bridge Rail	\$50,000
85	90/332	I-90 OC, TOKIO RD	Eastern	Replace Expansion Joint	\$80,000
86	195/27	N FK PALOUSE R	Eastern	Concrete Bridge Railing	\$96,000
Total Number of Bridges = 11				Totals \$ =	\$1,101,000



P2 Bridge Preservation - Bridge Repair

2011-13 Bien Priority Array

(Sorted by Bridge Number)

11-13 #	Bridge Number	Bridge Name	Region	Repair Description	Bridge Item\$'s
79	2/601	STEVENS CR UPPER X-I	Eastern	Replace Bridge Rail	\$25,000
82	21/321	W FK SAN POIL	Eastern	Replace Conc Bridge Rail	\$50,000
83	21/323	SAN POIL R	Eastern	Replace Conc Bridge Rail	\$50,000
84	26/2SP	N FK PALOUSE-WEST W	Eastern	Replace Conc Bridge Rail	\$50,000
85	90/332	I-90 OC, TOKIO RD	Eastern	Replace Expansion Joint	\$80,000
33	90/540N	HANGMAN CR	Eastern	Repair deteriorated conc in CBOX	\$150,000
34	90/540S	HANGMAN CR	Eastern	Repair deteriorated conc in CBOX	\$100,000
62	90/545E-E	FOURTH-E RAMP	Eastern	Repair deteriorated conc in CBOX	\$200,000
55	195/24	S FK PALOUSE R CT HO	Eastern	Repair deteriorated Conc	\$100,000
86	195/27	N FK PALOUSE R	Eastern	Concrete Bridge Railing	\$96,000
49	290/4.7E-E	3RD AVE & E-E RAMP O	Eastern	Repair deteriorated Conc	\$200,000
Total Number of Bridges = 11				Totals \$ =	\$1,101,000



Bridge Preservation Program (P2)

Bridge Repair Form

Bridge Number: 2 / 601	Structure ID 0003168A	Bridge Name: STEVENS CR UPPER X-ING	Milepost: 267.23	Region: Eastern
Year Built / YR Widened: 1946	Bridge Type: CS	Bridge Length: 23 ft	Bridge Width (curb-curb): 36.0 ft	Sufficiency Rating: 91.06
Average Daily Traffic: 6,105	Truck% 10%	Freight Route	Num of Lanes: 2	
Date Inspected: 8/9/2006	Structr Adequacy: 6	Superstr Code: 6	Safe Load: 5	
Substr Code: 6	Scour: 8	BMS Element Num: 331		
BMS Element Descr: Concrete Bridge Rail		BMS Element Quantity: 46		
Project Number:	2011-13 Priority#: 79	Repair Year:	2009-11 Priority#: 91	
CPMS Ad Date:	Bridge \$'s: \$25,000	Repair Total\$'s: \$50,000		
Repair Description: Replace deteriorated concrete balluster rail				
COMMENTS				
<p>The concrete bridge rails are deteriorated with exposed reinforcing steel. The bridge rails need to be replaced with a new Thrie Beam and steel H-Posts.</p> <p>The costs and details for the concrete bridge rail replacement should be similar to those used on SR 153 bridges (contract 7229) in 2007.</p>				

Bridge Preservation Program (P2)

Bridge Repair Form

Bridge Number: 21 / 321		Structure ID 0001622A		Bridge Name: W FK SAN POIL		Milepost: 145.62		Region: Eastern	
Year Built / YR Widened: 1932		Bridge Type: CTB		Bridge Length: 42 ft		Bridge Width (curb-curb): 24.0 ft		Sufficiency Rating: 73.32	
Average Daily Traffic: 207		Truck% 8%		Freight Route		Num of Lanes: 2			
Date Inspected: 9/12/2006		Structr Adequacy: 6		Superstr Code: 7		Safe Load: 5			
Substr Code: 6		Scour: 3		BMS Element Num: 331		BMS Element Descr: Concrete Bridge Rail			
BMS Element Quantity: 84		Project Number:		2011-13 Priority#: 82		Repair Year:			
CPMS Ad Date:		2009-11 Priority#: 94		Bridge \$'s: \$50,000		Repair Total\$'s: \$100,000			
<p>Repair Description: Replace the deteriorated concrete bridge rails.</p>									
<p>COMMENTS</p>									

Bridge Preservation Program (P2)

Bridge Repair Form

Bridge Number: 21 / 323		Structure ID 000000HN		Bridge Name: SAN POIL R		Milepost: 148.45		Region: Eastern	
Year Built / YR Widened: 1927		Bridge Type: CTB		Bridge Length: 61 ft		Bridge Width (curb-curb): 20.4 ft		Sufficiency Rating: 4.98SD	
Average Daily Traffic: 643		Truck% 7%		Freight Route		Num of Lanes: 2			
Date Inspected: 9/13/2006		Structr Adequacy: 3		Superstr Code: 7		Safe Load: 5			
Substr Code: 3		Scour: 3		BMS Element Num: 331		BMS Element Descr: Concrete Bridge Rail			
BMS Element Quantity: 122		Project Number:		2011-13 Priority#: 83		Repair Year:			
CPMS Ad Date:		2009-11 Priority#: 95		Bridge \$'s: \$50,000		Repair Total\$'s: \$100,000			
<p>Repair Description: Replace the deteriorated concrete bridge rails.</p>									
<p>COMMENTS</p>									

Bridge Preservation Program (P2)

Bridge Repair Form

Bridge Number: 26 / 2SP		Structure ID 0002385B		Bridge Name: N FK PALOUSE-WEST WYE		Milepost: 38.50		Region: Eastern	
Year Built / YR Widened: 1938		Bridge Type: CTB		Bridge Length: 114 ft		Bridge Width (curb-curb): 26.0 ft		Sufficiency Rating: 61.45FO	
Average Daily Traffic: 9,105		Truck% 9%		Freight Route		Num of Lanes: 2			
Date Inspected: 10/24/2006		Structr Adequacy: 5		Superstr Code: 6		Safe Load: 5			
Substr Code: 6		Scour: 8		BMS Element Num: 331		BMS Element Descr: Concrete Bridge Rail			
BMS Element Quantity: 228 Feet		Project Number:		2011-13 Priority#: 84		Repair Year:			
CPMS Ad Date:		2009-11 Priority#: 96		Bridge \$'s: \$50,000		Repair Total\$'s: \$100,000			
Repair Description: Replace the deteriorated concrete bridge rails.									
COMMENTS									
The concrete bridge rail is deteriorated.									

Bridge Preservation Program (P2)

Bridge Repair Form

Bridge Number: 90 / 332		Structure ID 0005783D		Bridge Name: I-90 OC, TOKIO RD		Milepost: 231.23		Region: Eastern	
Year Built / YR Widened: 1958		Bridge Type: PCG		Bridge Length: 225 ft		Bridge Width (curb-curb): 26.0 ft		Sufficiency Rating: 96.15	
Average Daily Traffic: 250		Truck% 25%		Freight Route		Num of Lanes: 2			
Date Inspected: 9/26/2006		Structr Adequacy: 6		Superstr Code: 6		Safe Load: 5			
Substr Code: 6		Scour: N		BMS Element Num: 409		BMS Element Descr: Steel Sliding Exp Joint			
BMS Element Quantity: 160		Project Number:		2011-13 Priority#: 85		Repair Year:			
CPMS Ad Date:		2009-11 Priority#: 97		Bridge \$'s: \$80,000		Repair Total\$'s: \$160,000			
									
Repair Description: Replace Expansion Joints									
COMMENTS									
Bridge Item cost based on \$500 / ft. Total project cost based on \$1,000 / ft.									

Bridge Preservation Program (P2)

Bridge Repair Form

Bridge Number: 90 / 540N		Structure ID 0006579B		Bridge Name: HANGMAN CR		Milepost: 279.49		Region: Eastern	
Year Built / YR Widened: 1963		Bridge Type: CBOX		Bridge Length: 1,222 ft		Bridge Width (curb-curb): 44.0 ft		Sufficiency Rating: 67.56	
Average Daily Traffic: 24,152		Truck% 13%		Freight Route T1		Num of Lanes: 3			
Date Inspected: 9/21/2005		Structr Adequacy: 5		Superstr Code: 6		Safe Load: 5			
Substr Code: 5		Scour: 7		BMS Element Num: 105		BMS Element Descr: Concrete Box Girder			
BMS Element Quantity: 2		Project Number:		2011-13 Priority#: 33		2009-11 Priority#: 36			
Repair Year: 2016		CPMS Ad Date:		Bridge \$'s: \$150,000		Repair Total\$'s: \$300,000			
									
Repair Description: Remove loose concrete, clean rusty steel and apply a patching material and sealer.									
COMMENTS									
The strip seal expansion joints over the interior hinges were replaced in 1999. Shortly after the expansion joints were replaced the gap in the hinged area closed. Use assumed costs of \$150,000 and \$300,000 until better estimates are developed.									

Bridge Preservation Program (P2)

Bridge Repair Form

Bridge Number: 90 / 540S		Structure ID 0006579B		Bridge Name: HANGMAN CR		Milepost: 279.49		Region: Eastern	
Year Built / YR Widened: 1963		Bridge Type: CBOX		Bridge Length: 1,222 ft		Bridge Width (curb-curb): 44.0 ft		Sufficiency Rating: 67.56	
Average Daily Traffic: 24,152		Truck% 13%		Freight Route T1		Num of Lanes: 3			
Date Inspected: 9/21/2005		Structr Adequacy: 5		Superstr Code: 6		Safe Load: 5			
Substr Code: 5		Scour: 7							
BMS Element Num: 105		BMS Element Descr: Concrete Box Girder				BMS Element Quantity: 2			
Project Number:		2011-13 Priority#:		34					
Repair Year: 2016		2009-11 Priority#:		37					
CPMS Ad Date:		Bridge \$'s:		\$150,000					
		Repair Total\$'s:		\$300,000					
									
Repair Description:									
Remove loose concrete, clean rusty steel and apply a patching material and sealer.									
COMMENTS									
The strip seal expansion joints over the interior hinges were replaced in 1999. Shortly after the expansion joints were replaced the gap in the hinged area closed.									
Use assumed costs of \$150,000 and \$300,000 until better estimates are developed.									

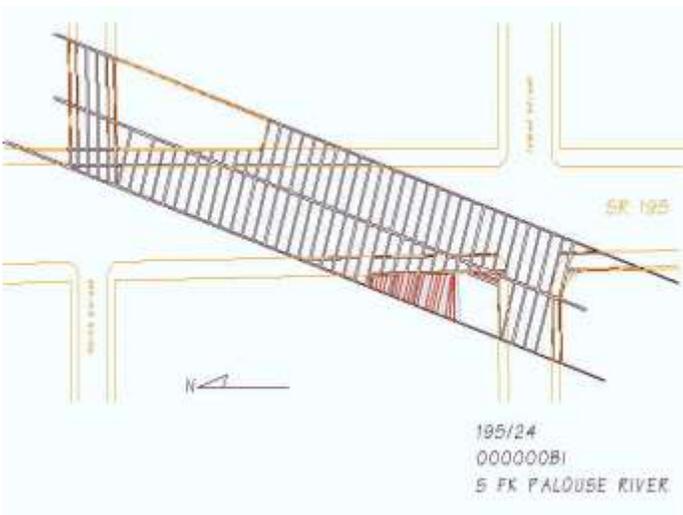
Bridge Preservation Program (P2)

Bridge Repair Form

Bridge Number: 90 / 545E-E		Structure ID 0008322D		Bridge Name: FOURTH-E RAMP		Milepost: 280.54		Region: Eastern	
Year Built / YR Widened: 1967		Bridge Type: CBox		Bridge Length: 79 ft		Bridge Width (curb-curb): 25.0 ft		Sufficiency Rating: 96.57	
Average Daily Traffic: 4,590		Truck% 5%		Freight Route T1		Num of Lanes: 1			
Date Inspected: 8/24/2005		Structr Adequacy: 6		Superstr Code: 6		Safe Load: 5			
Substr Code: 6		Scour: N		BMS Element Num: 215		BMS Element Descr: Concrete Abutment			
BMS Element Quantity: 25		Project Number:		2011-13 Priority#: 62		Repair Year:			
CPMS Ad Date:		Bridge \$'s: \$200,000		Repair Total\$'s: \$300,000		2009-11 Priority#: 72			
									
Repair Description: Remove delaminated concrete, clean rusty rebar and apply new patching material.									
COMMENTS									

Bridge Preservation Program (P2)

Bridge Repair Form

Bridge Number: 195 / 24		Structure ID 000000BI		Bridge Name: S FK PALOUSE R CT HOUSE		Milepost: 38.09		Region: Eastern					
Year Built / YR Widened: 1923		Bridge Type: CTB		Bridge Length: 228 ft		Bridge Width (curb-curb): 56.0 ft		Sufficiency Rating: 31.00 FO					
Average Daily Traffic: Truck% 11,386		Freight Route		Num of Lanes: 4									
Date Inspected: 10/25/2006		Structr Adequacy: 3		Superstr Code: 5						Safe Load: 5		Substr Code: 6	
BMS Element Num: 110		BMS Element Descr: Concrete Girder		BMS Element Quantity: 2,000						Project Number: 2011-13 Priority#: 55		Repair Year: 2009-11 Priority#: 65	
CPMS Ad Date:		Bridge \$'s:		Repair Total\$'s: \$200,000						7.11.2002			
													
<p>Repair Description:</p> <p>Patch all spalls on the girders, edge beams, and the deck soffit that have exposed rebar. Remove all the loose concrete, clean all the rust off the exposed rebars and concrete grout patch the spall areas.</p>													
<p align="center">COMMENTS</p> <p>Active corrosion spalling in the bottom flange of the girders.</p>													

Bridge Preservation Program (P2)

Bridge Repair Form

Bridge Number: 195 / 27		Structure ID 0001542A		Bridge Name: N FK PALOUSE R		Milepost: 38.50		Region: Eastern	
Year Built / YR Widened: 1931		Bridge Type: CTB		Bridge Length: 240 ft		Bridge Width (curb-curb): 26.0 ft		Sufficiency Rating: 69.15 FO	
Average Daily Traffic: 9,105		Truck% 9%		Freight Route		Num of Lanes: 2			
Date Inspected: 10/26/2006		Structr Adequacy: 6		Superstr Code: 6		Safe Load: 5			
Substr Code: 6		Scour: 8		BMS Element Num: 331		BMS Element Descr: Concrete Bridge Railing			
BMS Element Quantity: 480 LF		Project Number: 2011-13 Priority#: 86		Repair Year: 2009-11 Priority#: 98		CPMS Ad Date: Bridge \$'s: \$96,000			
				Repair Total\$'s: \$200,000					
									
<p>Repair Description: Remove the concrete baluster bridge rails and replace with a new Thrie Beam rail.</p>									
<p>COMMENTS</p>									
<p>The existing concrete rail is cracked and deteriorated.</p> <p>Bridge Item \$ estimate based on \$200 per ft , Total Project \$ estimate based on \$400 per ft.</p>									

Bridge Preservation Program (P2)

Bridge Repair Form

Bridge Number: 290 / 4.7E-W		Structure ID 0008774C		Bridge Name: 3RD AVE & E-E RAMP OC		Milepost: 1.18		Region: Eastern	
Year Built / YR Widened: 1971		Bridge Type: CBox		Bridge Length: 518 ft		Bridge Width (curb-curb): 38.0 ft		Sufficiency Rating: 87.02	
Average Daily Traffic: 9,000		Truck%		Freight Route		Num of Lanes: 2			
Date Inspected: 9/25/2006		Structr Adequacy: 5		Superstr Code: 5		Safe Load: 5			
Substr Code: 6		Scour: N		BMS Element Num: 105		BMS Element Descr: Concrete Box			
BMS Element Quantity: 10		Project Number:		2011-13 Priority#: 49		Repair Year:			
CPMS Ad Date:		2009-11 Priority#: 58		Bridge \$'s:		Repair Total\$'s: \$400,000			
									
Repair Description: Remove delaminated concrete, clean rusty steel and apply new patching material.									
COMMENTS									

P2 Bridge Preservation - Concrete Deck Repair / Overlay Projects

2011-13 Bien Priority Array

(Sorted by Priority Number)



09-11 #	Bridge Number	Bridge Name	Mile post	Region	Bridge Item\$'s	Total\$'s
1	90/512N	BN RR OC (NP)	270.10	Eastern	\$178,901	\$496,825
1	90/512S	BN RR OC (NP)	270.10	Eastern	\$178,901	\$496,825
1	90/566	ALTAMONT ST OC	283.03	Eastern	\$412,196	\$935,378
1	90/570	HAVANA ST OC	284.35	Eastern	\$393,980	\$897,268
2	395/545	COLUMBIA R KETTLE FALLS	241.49	Eastern	\$700,000	\$2,000,000
7	90/316N	N PAHA PACKARD RD OC	215.24	Eastern	\$133,685	\$421,509
19	90/540N	HANGMAN CR	279.49	Eastern	\$1,176,683	\$2,364,939
20	90/540S	HANGMAN CR	279.49	Eastern	\$1,176,683	\$2,364,939
28	290/4.6S	2ND AVE OC	1.18	Eastern	\$314,298	\$716,661
30	195/52	MILW RR OC (CMSTP&P)	63.30	Eastern	\$187,314	\$516,517
31	195/49	PINE CR #1	62.98	Eastern	\$324,233	\$818,149
44	90/316S	N PAHA PACKARD RD OC	215.24	Eastern	\$133,685	\$421,509
47	25/130	COLUMBIA R @ NORTHPORT	113.92	Eastern	\$727,870	\$1,763,641
48	21/224	SINKING CR	85.16	Eastern	\$83,285	\$278,694
49	21/4	SAND HILLS COULEE # 3	2.72	Eastern	\$79,254	\$266,671
Total Number of Bridges = 15				Totals \$ =	\$6,200,967	\$14,759,525



P2 Bridge Preservation - Concrete Deck Repair / Overlay Projects



2011-13 Bien Priority Array

(Sorted by Bridge Number)



09-11 #	Bridge Number	Bridge Name	Mile post	Region	Bridge Item\$'s	Total\$'s
49	21/4	SAND HILLS COULEE # 3	2.72	Eastern	\$79,254	\$266,671
48	21/224	SINKING CR	85.16	Eastern	\$83,285	\$278,694
47	25/130	COLUMBIA R @ NORTHPORT	113.92	Eastern	\$727,870	\$1,763,641
7	90/316N	N PAHA PACKARD RD OC	215.24	Eastern	\$133,685	\$421,509
44	90/316S	N PAHA PACKARD RD OC	215.24	Eastern	\$133,685	\$421,509
1	90/512N	BN RR OC (NP)	270.10	Eastern	\$178,901	\$496,825
1	90/512S	BN RR OC (NP)	270.10	Eastern	\$178,901	\$496,825
19	90/540N	HANGMAN CR	279.49	Eastern	\$1,176,683	\$2,364,939
20	90/540S	HANGMAN CR	279.49	Eastern	\$1,176,683	\$2,364,939
1	90/566	ALTAMONT ST OC	283.03	Eastern	\$412,196	\$935,378
1	90/570	HAVANA ST OC	284.35	Eastern	\$393,980	\$897,268
31	195/49	PINE CR #1	62.98	Eastern	\$324,233	\$818,149
30	195/52	MILW RR OC (CMSTP&P)	63.30	Eastern	\$187,314	\$516,517
28	290/4.6S	2ND AVE OC	1.18	Eastern	\$314,298	\$716,661
2	395/545	COLUMBIA R KETTLE FALLS	241.49	Eastern	\$700,000	\$2,000,000
Total Number of Bridges = 15				Totals \$ =	\$6,200,967	\$14,759,525



BRIDGE NUMBER: 21 / 4		BRIDGE NAME: SAND HILLS COULEE # 3		REGION: Eastern		MILEPOST: 2.72	
YEAR BUILT / YR WIDENED: 1963		CONTRACT NO.(S): 07173			SUFFICIENCY RATING: 82.22		
BRIDGE TYPE: CS DECK TYPE: Conc cast-in-place DECK THICKNESS: 12.3 in. (Main Span)				EXISTING WEARING SURFACE AND DECK PROTECTION TYPE: original concrete			
BRIDGE WIDTH (curb-curb): 24.0 ft.		BRIDGE LENGTH: 85 ft.					
AVERAGE DAILY TRAFFIC (ADT): 224		NUMBER OF LANES: 2					
VERTICAL CLEARANCE VC Type: NA							
BRIDGE RAIL BRIDGE RAIL TYPE: Steel Post - Thrie Beam RAIL MEETS CURRENT STANDARDS?: YES SIDEWALK / CURB WIDTH: 0.7 Lt 0.7 Rt							
EXPANSION JOINTS				DECK PROTECTIVE SYSTEM RECOMMENDATIONS			
				PROTECTIVE OVERLAY RECOMMENDED?: Yes		TYPE RECOMMENDED: Mod Concrete	
				COMMENTS: The bridge deck has nearly 2% deterioration. The bridge deck needs to be repaired and then a 1.5" modified concrete overlay applied.			
				REVIEWED BY: <i>Bruce Thill</i>		DATE: 2/25/2010	



BRIDGE NUMBER: 21 / 224		BRIDGE NAME: SINKING CR		REGION: Eastern		MILEPOST: 85.16	
YEAR BUILT / YR WIDENED: 1950		CONTRACT NO.(S): 03714			SUFFICIENCY RATING: 83.08		
BRIDGE TYPE: CS DECK TYPE: Conc cast-in-place DECK THICKNESS: 12.0 in. (Main Span) BRIDGE WIDTH (curb-curb): 26.0 ft. BRIDGE LENGTH: 82 ft. AVERAGE DAILY TRAFFIC (ADT): 268 NUMBER OF LANES: 2				EXISTING WEARING SURFACE AND DECK PROTECTION TYPE: original concrete			
<p align="center">VERTICAL CLEARANCE</p> VC Type: NA							
<p align="center">BRIDGE RAIL</p> BRIDGE RAIL TYPE: WSDOT CODE - 41 Balluster Rail RAIL MEETS CURRENT STANDARDS?: NO SIDEWALK / CURB WIDTH: 1.1 Lt 1.1 Rt							
<p align="center">EXPANSION JOINTS</p>				<p align="center">DECK PROTECTIVE SYSTEM RECOMMENDATIONS</p> PROTECTIVE OVERLAY RECOMMENDED?: YES TYPE RECOMMENDED: HMA with membrane <p align="center">RESURFACING COMMENT</p> Bridge Inspections indicate significant deck deterioration. We recommend 0.25' of HMA w/waterproofing membrane be added to this bridge.			
REVIEWED BY: <i>Bruce Thill</i>				DATE: 2/22/2010			



BRIDGE NUMBER: 25 / 130	BRIDGE NAME: COLUMBIA R @ NORTHPORT	REGION: Eastern	MILEPOST: 113.92
YEAR BUILT / YR WIDENED: 1948	CONTRACT NO.(S): 03297	SUFFICIENCY RATING: 39.73 SD	
BRIDGE TYPE: ST CTB CG CS DECK TYPE: Conc cast-in-place DECK THICKNESS: 6.5 in. (Main Span)	EXISTING WEARING SURFACE AND DECK PROTECTION TYPE: original concrete		
BRIDGE WIDTH (curb-curb): 24.0 ft. BRIDGE LENGTH: 1,540 ft. AVERAGE DAILY TRAFFIC (ADT): 750 NUMBER OF LANES: 2			
VERTICAL CLEARANCE VC Type: NA			
BRIDGE RAIL BRIDGE RAIL TYPE: WSDOT CODE - 25 Steel Post - Thrie Beam RAIL MEETS CURRENT STANDARDS?: YES SIDEWALK / CURB WIDTH: 3.0 Lt 3.0 Rt			
EXPANSION JOINTS Coordinate with you Maintenance Office to determine if any repairs are necessary.	DECK PROTECTIVE SYSTEM RECOMMENDATIONS PROTECTIVE OVERLAY RECOMMENDED?: YES TYPE RECOMMENDED: MC Overlay / Hydro RESURFACING COMMENT Bridge Inspections indicate significant deck deterioration. A new 1.5" modified concrete overlay is required to rehabilitate the deck. A Hydromilling machine should be used to scarify the bridge deck. This bridge is on the P2 Program Deck priority array.		
	REVIEWED BY: <i>Bruce Thill</i>	DATE: 2/22/2010	



BRIDGE NUMBER: 90 / 316N	BRIDGE NAME: N PAHA PACKARD RD OC	REGION: Eastern	MILEPOST: 215.24
YEAR BUILT / YR WIDENED: 1972	CONTRACT NO.(S): 09206	SUFFICIENCY RATING: 93.53 SD	
BRIDGE TYPE: PCB DECK TYPE: Conc cast-in-place DECK THICKNESS: 7.0 in. (Main Span)	EXISTING WEARING SURFACE AND DECK PROTECTION TYPE: original concrete		
BRIDGE WIDTH (curb-to-curb): 38.0 ft. BRIDGE LENGTH: 105 ft. AVERAGE DAILY TRAFFIC (ADT): 4,700 NUMBER OF LANES: 2			
VERTICAL CLEARANCE VC Type: NA			
BRIDGE RAIL BRIDGE RAIL TYPE: WSDOT CODE - 73.2 Conc Base - Type R RAIL MEETS CURRENT STANDARDS?: YES SIDEWALK / CURB WIDTH: 0.7 Lt 0.7 Rt			
EXPANSION JOINTS	DECK PROTECTIVE SYSTEM RECOMMENDATIONS PROTECTIVE OVERLAY RECOMMENDED?: YES TYPE RECOMMENDED: MC Overlay / Hydro RESURFACING COMMENT A chain drag survey was completed in 10/2001 and found 4.1% of the deck has delaminations. Bridge Inspections indicate significant deck deterioration. A new 1.5" modified concrete overlay is required to rehabilitate the deck. A Hydromilling machine should be used to scarify the bridge deck. This bridge is on the P2 Program Deck priority array.		
	REVIEWED BY: <i>Bruce Thill</i>	DATE: 2/22/2010	



BRIDGE NUMBER: 90 / 316S	BRIDGE NAME: N PAHA PACKARD RD OC	REGION: Eastern	MILEPOST: 215.24
YEAR BUILT / YR WIDENED: 1972	CONTRACT NO.(S): 09206	SUFFICIENCY RATING: 95.51 SD	
BRIDGE TYPE: PCB DECK TYPE: Conc cast-in-place DECK THICKNESS: 7.0 in. (Main Span) BRIDGE WIDTH (curb-curb): 38.0 ft. BRIDGE LENGTH: 105 ft. AVERAGE DAILY TRAFFIC (ADT): 5,013 NUMBER OF LANES: 2	EXISTING WEARING SURFACE AND DECK PROTECTION TYPE: original concrete Overlay Thickness - 1.5 inches		
VERTICAL CLEARANCE VC Type: NA			
BRIDGE RAIL BRIDGE RAIL TYPE: WSDOT CODE - 73.2 Conc Base - Type R RAIL MEETS CURRENT STANDARDS?: YES SIDEWALK / CURB WIDTH: 0.7 Lt 0.7 Rt			
EXPANSION JOINTS	DECK PROTECTIVE SYSTEM RECOMMENDATIONS PROTECTIVE OVERLAY RECOMMENDED?: YES TYPE RECOMMENDED: MC Overlay / Hydro RESURFACING COMMENT A chain drag survey was completed in 10/2001 and found 2.1% of the deck has delaminations. Bridge Inspections indicate significant deck deterioration. A new 1.5" modified concrete overlay is required to rehabilitate the deck. Remove and replace 1.5" LMC overlay by milling 1" and hydromill 0.5". This bridge is on the P2 Deck Program priority array.		
	REVIEWED BY: <i>Bruce Thill</i>	DATE: 2/22/2010	



BRIDGE NUMBER: 90 / 512N	BRIDGE NAME: BN RR OC (NP)	REGION: Eastern	MILEPOST: 270.10
YEAR BUILT / YR WIDENED: 1966	CONTRACT NO.(S): 07903 , 12136	SUFFICIENCY RATING: 95.17 SD	
BRIDGE TYPE: PCB DECK TYPE: Conc cast-in-place DECK THICKNESS: 7.0 in. (Main Span)	BRIDGE WIDTH (curb-curb): 36.5 ft. BRIDGE LENGTH: 150 ft. AVERAGE DAILY TRAFFIC (ADT): 8,400 NUMBER OF LANES: 2	EXISTING WEARING SURFACE AND DECK PROTECTION TYPE: LMC Overlay Year Applied - 1981 Overlay Thickness - 1.5 inches	
VERTICAL CLEARANCE VC Type: NA			
BRIDGE RAIL BRIDGE RAIL TYPE: WSDOT CODE - 73.2 Conc Base - Type R RAIL MEETS CURRENT STANDARDS?: YES SIDEWALK / CURB WIDTH: 0.7 Lt 0.7 Rt			
EXPANSION JOINTS		DECK PROTECTIVE SYSTEM RECOMMENDATIONS PROTECTIVE OVERLAY RECOMMENDED?: YES TYPE RECOMMENDED: MC Overlay / Mill & Hydro	
		RESURFACING COMMENT Bridge Inspections indicate significant deck deterioration. There are areas in the overlay that have debonded and are now patched. We recommend removing and replacing the 1.5" LMC overlay by milling 1" and hydromilling 0.5" of overlay. This bridge is on the P2 Deck Program priority array.	
		REVIEWED BY: Bruce Thill	DATE: 2/22/2010



BRIDGE NUMBER: 90 / 512S	BRIDGE NAME: BN RR OC (NP)	REGION: Eastern	MILEPOST: 270.10
YEAR BUILT / YR WIDENED: 1966	CONTRACT NO.(S): 07903 , 12136	SUFFICIENCY RATING: 92.13 SD	
BRIDGE TYPE: PCB DECK TYPE: Conc cast-in-place DECK THICKNESS: 7.0 in. (Main Span)	BRIDGE WIDTH (curb-curb): 36.5 ft. BRIDGE LENGTH: 150 ft. AVERAGE DAILY TRAFFIC (ADT): 8,672 NUMBER OF LANES: 2	EXISTING WEARING SURFACE AND DECK PROTECTION TYPE: LMC Overlay Year Applied - 1981 Overlay Thickness - 1.5 inches	
VERTICAL CLEARANCE VC Type: NA			
BRIDGE RAIL BRIDGE RAIL TYPE: WSDOT CODE - 73.2 Conc Base - Type R RAIL MEETS CURRENT STANDARDS?: YES SIDEWALK / CURB WIDTH: 0.7 Lt 0.7 Rt			
EXPANSION JOINTS		DECK PROTECTIVE SYSTEM RECOMMENDATIONS PROTECTIVE OVERLAY RECOMMENDED?: YES TYPE RECOMMENDED: MC Overlay / Mill & Hydro	
		RESURFACING COMMENT Bridge Inspections indicate significant deck deterioration. There are areas in the overlay that have debonded and are now patched. We recommend removing and replacing the 1.5" LMC overlay by milling 1" and hydromilling 0.5" of overlay. This bridge is on the P2 Deck Program priority array.	
REVIEWED BY: Bruce Thill		DATE: 2/22/2010	



BRIDGE NUMBER: 90 / 540N		BRIDGE NAME: HANGMAN CR		REGION: Eastern	MILEPOST: 279.49
YEAR BUILT / YR WIDENED: 1963		CONTRACT NO.(S): 06579 , 12842		SUFFICIENCY RATING: 65.39	
BRIDGE TYPE: CBox DECK TYPE: Conc cast-in-place DECK THICKNESS: 8.0 in. (Main Span)			EXISTING WEARING SURFACE AND DECK PROTECTION TYPE: LMC Overlay Year Applied - 1985 Overlay Thickness - 1.5 inches		
BRIDGE WIDTH (curb-to-curb): 44.0 ft.		BRIDGE LENGTH: 1,222 ft.			
AVERAGE DAILY TRAFFIC (ADT): 40,141		NUMBER OF LANES: 3			
VERTICAL CLEARANCE					
VC Type: NA					
BRIDGE RAIL					
BRIDGE RAIL TYPE: WSDOT CODE - 25 Steel Post - Thrie Beam					
RAIL MEETS CURRENT STANDARDS?: YES			SIDEWALK / CURB WIDTH: 1.5 Lt 1.5 Rt		
EXPANSION JOINTS			DECK PROTECTIVE SYSTEM RECOMMENDATIONS		
Coordinate with your Region's Maintenance Office to determine if any repairs are required.			PROTECTIVE OVERLAY RECOMMENDED?: YES TYPE RECOMMENDED: MC Overlay / Hydro		
			RESURFACING COMMENT The LMC Overlay is rutted to a depth of 1/2 inch or greater in the center lane. We recommend removing and replacing the 1.5" LMC overlay by milling 1" and hydromilling 0.5" of overlay. This bridge is on the P2 Deck Program priority array. The cost of removing and replacing the existing LMC will be affected by the type of new overlay to be used (modified Conc or Polyester).		
			REVIEWED BY: <i>Bruce Thill</i>		DATE: 2/22/2010



BRIDGE NUMBER: 90 / 540S	BRIDGE NAME: HANGMAN CR	REGION: Eastern	MILEPOST: 279.49
YEAR BUILT / YR WIDENED: 1963	CONTRACT NO.(S): 06579 , 12842	SUFFICIENCY RATING: 54.04 FO	
BRIDGE TYPE: CBox DECK TYPE: Conc cast-in-place DECK THICKNESS: 8.0 in. <small>(Main Span)</small>		EXISTING WEARING SURFACE AND DECK PROTECTION TYPE: <p style="text-align: center;">LMC Overlay Year Applied - 1985 Overlay Thickness - 1.5 inches</p>	
BRIDGE WIDTH (curb-curb): 44.0 ft.	BRIDGE LENGTH: 1,222 ft.		
AVERAGE DAILY TRAFFIC (ADT): 41,300	NUMBER OF LANES: 4		
VERTICAL CLEARANCE			
VC Type: NA			
BRIDGE RAIL			
BRIDGE RAIL TYPE: WSDOT CODE - 70.4 Conc Base - Type 1B			
RAIL MEETS CURRENT STANDARDS?: NO	SIDEWALK / CURB WIDTH: 1.5 Lt 1.5 Rt		
EXPANSION JOINTS		DECK PROTECTIVE SYSTEM RECOMMENDATIONS	
Coordinate with your Region's Maintenance Office to determine if any repairs are required.		PROTECTIVE OVERLAY RECOMMENDED?: YES TYPE RECOMMENDED: MC Overlay / Hydro RESURFACING COMMENT The LMC Overlay is rutted to a depth of 1/2 inch or greater in the center lane. We recommend removing and replacing the 1.5" LMC overlay by milling 1" and hydromilling 0.5" of overlay. This bridge is on the P2 Deck Program priority array. The cost of removing and replacing the existing LMC will be affected by the type of new overlay to be used (modified Conc or Polyester).	
REVIEWED BY: <i>Bruce Thill</i>		DATE: 2/22/2010	



BRIDGE NUMBER: 90 / 566	BRIDGE NAME: ALTAMONT ST OC	REGION: Eastern	MILEPOST: 283.03
YEAR BUILT / YR WIDENED: 1957	CONTRACT NO.(S): 05453 , 12748	SUFFICIENCY RATING: 82.00 SD	
BRIDGE TYPE: CS DECK TYPE: Conc cast-in-place DECK THICKNESS: 18.0 in. (Main Span)	BRIDGE WIDTH (curb-curb): 104.0 ft. BRIDGE LENGTH: 66 ft. AVERAGE DAILY TRAFFIC (ADT): 107,710 NUMBER OF LANES: 6	EXISTING WEARING SURFACE AND DECK PROTECTION TYPE: LMC Overlay Year Applied - 1984 Overlay Thickness - 1.5 inches	
VERTICAL CLEARANCE VC Type: NA			
BRIDGE RAIL BRIDGE RAIL TYPE: WSDOT CODE - 60 New Jersey Barrier RAIL MEETS CURRENT STANDARDS?: YES SIDEWALK / CURB WIDTH: 0.0 Lt 0.0 Rt			
EXPANSION JOINTS If the Region chooses to provide temporary Asphalt Overlay, Standard Plan, Detail 1 should be used at the Back of Pavement Seats.		DECK PROTECTIVE SYSTEM RECOMMENDATIONS PROTECTIVE OVERLAY RECOMMENDED?: YES TYPE RECOMMENDED: Rapid Set LMC Overlay	
		RESURFACING COMMENT There are areas in the LMC overlay that are debonded and are now patched. We recommend removing and replacing the LMC overlay with a 1" Polyester or Rapid Set concrete overlay. This bridge is on the P2 Program Priority Array for a Concrete Overlay. Region may provide a temporary 1.5" Asphalt Overlay and Standard Plan A7 details (see Expansion Joints).	
		REVIEWED BY: Bruce Thill	DATE: 2/22/2010



BRIDGE NUMBER: 90 / 570	BRIDGE NAME: HAVANA ST OC	REGION: Eastern	MILEPOST: 284.35
YEAR BUILT / YR WIDENED: 1957	CONTRACT NO.(S):	SUFFICIENCY RATING: 81.76 SD	
BRIDGE TYPE: CS DECK TYPE: Conc cast-in-place DECK THICKNESS: 18.0 in. (Main Span)	BRIDGE WIDTH (curb-curb): 98.0 ft. BRIDGE LENGTH: 66 ft. AVERAGE DAILY TRAFFIC (ADT): 109,988 NUMBER OF LANES: 6	EXISTING WEARING SURFACE AND DECK PROTECTION TYPE: LMC Overlay Year Applied - 1984 Overlay Thickness - 1.5 inches	
VERTICAL CLEARANCE VC Type: NA			
BRIDGE RAIL BRIDGE RAIL TYPE: WSDOT CODE - 60 New Jersey Barrier RAIL MEETS CURRENT STANDARDS?: YES SIDEWALK / CURB WIDTH: 0.0 Lt 0.0 Rt			
EXPANSION JOINTS If the Region chooses to provide temporary Asphalt Overlay, Standard Plan, Detail 1 should be used at the Back of Pavement Seats.		DECK PROTECTIVE SYSTEM RECOMMENDATIONS PROTECTIVE OVERLAY RECOMMENDED?: YES TYPE RECOMMENDED: Rapid Set LMC Overlay RESURFACING COMMENT There are areas in the LMC overlay that are debonded and are now patched. We recommend removing and replacing the LMC overlay with a 1" Polyester or Rapid Set concrete overlay. This bridge is on the P2 Program Priority Array for a Concrete Overlay. Region may provide a temporary 1.5" Asphalt Overlay and Standard Plan A7 details (see Expansion Joints).	
REVIEWED BY: Bruce Thill		DATE: 2/22/2010	



BRIDGE NUMBER: 195 / 49	BRIDGE NAME: PINE CR #1	REGION: Eastern	MILEPOST: 62.98
YEAR BUILT / YR WIDENED: 1975	CONTRACT NO.(S): 09676	SUFFICIENCY RATING: 92.65	
BRIDGE TYPE: PCG DECK TYPE: Conc cast-in-place DECK THICKNESS: (Main Span) 7.0 in. BRIDGE WIDTH (curb-curb): 40.0 ft. BRIDGE LENGTH: 300 ft. AVERAGE DAILY TRAFFIC (ADT): 4,579 NUMBER OF LANES: 2		EXISTING WEARING SURFACE AND DECK PROTECTION TYPE: ACP w/membrane Year Applied - 2006 Overlay Thickness - 3.0 inches	
VERTICAL CLEARANCE VC Type: NA			
BRIDGE RAIL BRIDGE RAIL TYPE: New Jersey Barrier RAIL MEETS CURRENT STANDARDS?: YES SIDEWALK / CURB WIDTH: 0.0 Lt 0.0 Rt			
EXPANSION JOINTS Use Std. Plan A7, Transverse Joint Detail 1 at the ends of the bridge deck.		DECK PROTECTIVE SYSTEM RECOMMENDATIONS PROTECTIVE OVERLAY RECOMMENDED?: Yes TYPE RECOMMENDED: Mod Conc COMMENTS: The bridge deck has nearly 6.7% patches under the HMA and membrane that was applied in 2006. The bridge is on the P2 Deck Program list due to the amount of patching. If the deck continues to deteriorate then the existing HMA and membrane may need to be removed and replaced with a 1.5" Modified Concrete Overlay.	
REVIEWED BY: <i>Bruce Thill</i>		DATE: 2/25/2010	



BRIDGE NUMBER: 195 / 52	BRIDGE NAME: MILW RR OC (CMSTP&P)	REGION: Eastern	MILEPOST: 63.30
YEAR BUILT / YR WIDENED: 1975	CONTRACT NO.(S): 09676	SUFFICIENCY RATING: 95.83	
BRIDGE TYPE: PCG DECK TYPE: Conc cast-in-place DECK THICKNESS: (Main Span) 7.0 in.		EXISTING WEARING SURFACE AND DECK PROTECTION TYPE: <p style="text-align: center;">ACP w/membrane Year Applied - 2006 Overlay Thickness - 3.0 inches</p>	
BRIDGE WIDTH (curb-curb): 40.0 ft.	BRIDGE LENGTH: 142 ft.		
AVERAGE DAILY TRAFFIC (ADT): 4,579	NUMBER OF LANES: 2		
VERTICAL CLEARANCE			
VC Type: NA			
BRIDGE RAIL			
BRIDGE RAIL TYPE: New Jersey Barrier			
RAIL MEETS CURRENT STANDARDS?: YES	SIDEWALK / CURB WIDTH: 0.0 Lt 0.0 Rt		
EXPANSION JOINTS		DECK PROTECTIVE SYSTEM RECOMMENDATIONS	
Use Std. Plan A7, Transverse Joint Detail 1 at the ends of the bridge deck.		PROTECTIVE OVERLAY RECOMMENDED?: Yes	TYPE RECOMMENDED: Mod Conc
		COMMENTS: <p>The bridge deck has nearly 8.4% patches under the HMA and membrane that was applied in 2006.</p> <p>The bridge is on the P2 Deck Program list due to the amount of patching. If the deck continues to deteriorate then the existing HMA and membrane may need to be removed and replaced with a 1.5" Modified Concrete Overlay.</p>	
		REVIEWED BY: <i>Bruce Thill</i>	DATE: 2/25/2010



BRIDGE NUMBER: 290 / 4.6S	BRIDGE NAME: 2ND AVE OC	REGION: Eastern	MILEPOST: 1.18
YEAR BUILT / YR WIDENED: 1974	CONTRACT NO.(S): 09622 , 12748	SUFFICIENCY RATING: 97.48	
BRIDGE TYPE: CBOX DECK TYPE: Conc cast-in-place DECK THICKNESS: (Main Span) 6.5 in. BRIDGE WIDTH (curb-curb): 38.0 ft. BRIDGE LENGTH: 167 ft. AVERAGE DAILY TRAFFIC (ADT): 5,369 NUMBER OF LANES: 2		EXISTING WEARING SURFACE AND DECK PROTECTION TYPE: <p style="text-align: center;">LMC Overlay Year Applied - 1985 Overlay Thickness - 1.5 inches</p>	
VERTICAL CLEARANCE VC Type: NA			
BRIDGE RAIL BRIDGE RAIL TYPE: New Jersey Barrier RAIL MEETS CURRENT STANDARDS?: YES SIDEWALK / CURB WIDTH: 0.0 Lt 0.0 Rt			
EXPANSION JOINTS		DECK PROTECTIVE SYSTEM RECOMMENDATIONS PROTECTIVE OVERLAY RECOMMENDED?: Yes TYPE RECOMMENDED: Mod Conc COMMENTS: The existing LMC has nearly 24% patched and deteriorated areas. The existing LMC needs to be removed, the deck repaired, then a new modified concrete overlay applied.	
REVIEWED BY: <i>Bruce Thill</i>		DATE: 2/25/2010	

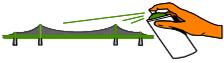


BRIDGE NUMBER: 395 / 545	BRIDGE NAME: COLUMBIA R KETTLE FALLS	REGION: Eastern	MILEPOST: 241.49
YEAR BUILT / YR WIDENED: 1941	CONTRACT NO.(S):	SUFFICIENCY RATING: 41.78 FO	
BRIDGE TYPE: ST CTB DECK TYPE: Conc cast-in-place DECK THICKNESS: (Main Span) 6.5 in. BRIDGE WIDTH (curb-curb): 24.0 ft. BRIDGE LENGTH: 1,267 ft. AVERAGE DAILY TRAFFIC (ADT): 4,218 NUMBER OF LANES: 2		EXISTING WEARING SURFACE AND DECK PROTECTION TYPE: original concrete	
VERTICAL CLEARANCE VC Type: NA			
BRIDGE RAIL BRIDGE RAIL TYPE: Steel Post - Thrie Beam RAIL MEETS CURRENT STANDARDS?: YES SIDEWALK / CURB WIDTH: 3.5 Lt 0.0 Rt			
EXPANSION JOINTS Coordinate with your Region Maintenance Office to determine if any repairs are required.		DECK PROTECTIVE SYSTEM RECOMMENDATIONS PROTECTIVE OVERLAY RECOMMENDED?: Yes TYPE RECOMMENDED: Modified Concrete COMMENTS: Bridge deck repair and overlay is warranted based on the amount of patching and chain drag survey results. We recommend using a hydromill and applying a new modified concrete overlay. Coordinate with Bruce Thill in the Bridge Office for specific overlay details.	
		REVIEWED BY: <i>Bruce Thill</i>	DATE: 2/25/2010

P2 Bridge Preservation - Steel Bridge Painting Projects

2011-13 Bien Priority Array

(Sorted by Priority Number)

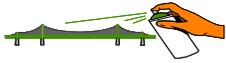


11-13 #	Bridge Number	Bridge Name	Mile Post	Region	Yr Work Planned	Total Project\$
26	21/334	KETTLE R	181.00	Eastern	2015	\$1,260,000
48	395/545	COLUMBIA R KETTLE FALLS	241.49	Eastern	2019	\$10,712,000
54	25/130	COLUMBIA R @ NORTHPORT	113.92	Eastern	2019	\$7,585,500
63	27/12	N FK PALOUSE R	15.02	Eastern	2021	\$574,000
Total Number of Bridges = 4					Total Project \$ =	\$20,131,500

P2 Bridge Preservation - Steel Bridge Painting Projects

2011-13 Bien Priority Array

(Sorted by Bridge Number)



11-13 #	Bridge Number	Bridge Name	Mile Post	Region	Yr Work Planned	Total Project\$
26	21/334	KETTLE R	181.00	Eastern	2015	\$1,260,000
54	25/130	COLUMBIA R @ NORTHPORT	113.92	Eastern	2019	\$7,585,500
63	27/12	N FK PALOUSE R	15.02	Eastern	2021	\$574,000
48	395/545	COLUMBIA R KETTLE FALLS	241.49	Eastern	2019	\$10,712,000
Total Number of Bridges = 4					Total Project \$ =	\$20,131,500



Steel Bridge Paint Form

2011-13 Biennium Priorities

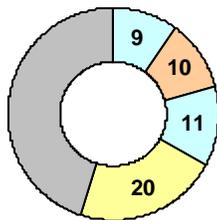


Bridge Number: 21 / 334		Bridge Name: KETTLE R		Milepost: 181.00	Region: Eastern
Year Built 1960	Bridge Type: ST	Steel Span Length: 205 ft.	Width (curb-curb): 26 ft.	Steel Tonnage: 180	
Paint Age: 20	Paint Color: 30099 Warm Brown	Steel Surf. Area: 27,000 sqft	BMS Cond State 2: 21,600 sqft	BMS Cond State 3: 5,400 sqft	
Next Paint Year: 2015	2011-13 Rank: 26	Past Due / Due / OK Past Due	CPMS Ad date:	Paint Pin Number:	Future Paint Cost: \$1,260,000

Past Paint History

Years	Cycle
1990	11
1979	10
1969	9
1960	

Painting Cycle



■ = Current Paint Age



The top flange of the floor beams and stringers are embedded in concrete.

Bridge Inspector's Notes:

Paint is chalky and peeling, heavy in spots, on the diagonals and portals of the truss with rust blooms, approximately 15%. The paint on the stringers and floor beams is in good condition except for scattered rock chips from kids throwing rocks at swallow nests. The sand build up on the lower chord has been flushed, revealing the failed paint system.

Full removal of the paint is warranted on the top and bottom chords and the connection areas.

Steel Bridge Paint Form

2011-13 Biennium Priorities

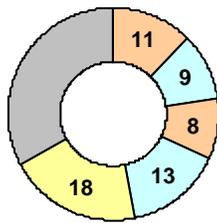


Bridge Number: 25 / 130		Bridge Name: COLUMBIA R @ NORTHPORT		Milepost: 113.92	Region: Eastern
Year Built 1948	Bridge Type: ST CTB CG CS		Steel Span Length: 840 ft.	Width (curb-curb): 24 ft.	Steel Tonnage: 1,167
Paint Age: 18	Paint Color: Evergreen	34097	Steel Surf. Area: 175,050 sqft	BMS Cond State 2: 10,000 sqft	BMS Cond State 3: 930 sqft
Next Paint Year: 2019	2011-13 Rank: 54	Past Due / Due / OK Due	CPMS Ad date:	Paint Pin Number:	Future Paint Cost: \$7,585,500

Past Paint History

Years	Cycle
1992	13
1979	8
1971	9
1962	11
1951	

Painting Cycle



■ = Current Paint Age



Bridge Inspector's note:

Paint is missing from most steel members due to the impact of snow removal with gravel. Steel Floorbeams; Peeling paint throughout webs. Steel Truss Members; The primer is exposed in places with some light rust where the paint has failed completely. The top paint coat is also peeling off in places with scattered rust blooms, particularly at top sways and laterals and inside top chords. Surface rust on the truss members at the deck level to about 6 ft. off of the deck. Paint is peeling inside most of the enclosed truss members. Metal Bridge Railing; All members are rusty with paint peeling or missing on 30% of the surface.

Steel Bridge Paint Form

2011-13 Biennium Priorities

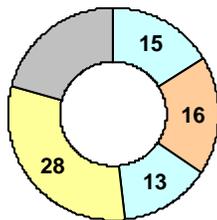


Bridge Number: 27 / 12		Bridge Name: N FK PALOUSE R		Milepost: 15.02	Region: Eastern
Year Built 1938	Bridge Type: SG CTB		Steel Span Length: 95 ft.	Width (curb-curb): 24 ft.	Steel Tonnage: 82
Paint Age: 28	Paint Color: 26307 Light Gray	Steel Surf. Area: 12,300 sqft	BMS Cond State 2: 4,800 sqft	BMS Cond State 3: 100 sqft	
Next Paint Year: 2021	2011-13 Rank: 63	Past Due / Due / OK Due	CPMS Ad date:	Paint Pin Number:	Future Paint Cost: \$574,000

Past Paint History

Years	Cycle
1982	13
1969	16
1953	15
1938	

Painting Cycle



■ = Current Paint Age



All the paint on the top flange of the open girder should be removed to bare metal.

Bridge Inspector's notes:

Thin and peeling paint with surface rust on most of the top flange of the girders (Photo 15). Paint is worn and peeling on lower portions of webs and bottom flanges of girders (approximately 20%). Rust blooms on lower webs and bottom flanges of girder (approximately 5%). Top coat of paint is peeling on floorbeams exposing primer (approximately 20% - Photo 22). A few areas of surface rust (less than 5%) on floorbeams.

Steel Bridge Paint Form

2011-13 Biennium Priorities

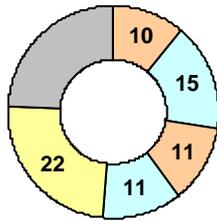


Bridge Number: 395 / 545		Bridge Name: COLUMBIA R KETTLE FALLS		Milepost: 241.49	Region: Eastern
Year Built 1941	Bridge Type: ST CTB		Steel Span Length: 1051 ft.	Width (curb-curb): 24 ft.	Steel Tonnage: 1,648
Paint Age: 22	Paint Color: 34097 Evergreen	Steel Surf. Area: 247,200 sqft	BMS Cond State 2: 9,600 sqft	BMS Cond State 3: 2,400 sqft	
Next Paint Year: 2019	2011-13 Rank: 48	Past Due / Due / OK Due	CPMS Ad date:	Paint Pin Number:	Future Paint Cost: \$10,712,000

Past Paint History

Years	Cycle
1988	11
1977	11
1966	15
1951	10
1941	

Painting Cycle



■ = Current Paint Age



No Photo Available

There are no WSDOT bridges in the Eastern region prioritized for a Seismic Retrofit.

Bridge Preservation (P2) – Bridge Scour Program
Eastern Region - 2011-13 Bien.

There are no bridges in the Eastern Region that have been prioritized or funded for scour repair in the 2011-13 bien.

P2 Bridge Preservation - Miscellaneous Structures

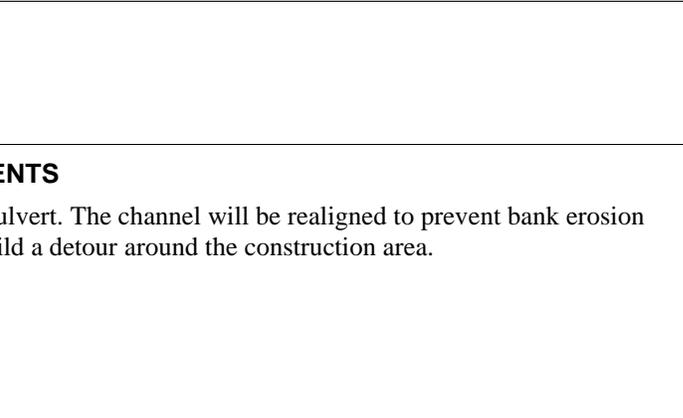
2011-13 Bien Priority Array

(Sorted by Priority Number)

11-13 #	Structure Number	Structure Name	SR	Mile post	Region	Work Yr	Description	Total\$'s
1	021/332.75	CURLEW CREEK	21	172.85	Eastern	2012	Replace Culverts	\$712,050
Total Number of Bridges = 1							Totals \$ =	\$712,050

Bridge Preservation Program (P2)

Misc Structures Form

Structure Number: 00200373 21/332.75		Structure Name: CURLEW CREEK		State Route: 21	Milepost: 172.85	Region: Eastern
Year Built / YR Widened: 1950		Structure Type: SCulv CCulv		Struct Length: 17.0 ft	Structure Width (c-c): 22.0 ft	Sufficiency Rating: 65.22
Average Daily Traffic: 580		Detour (miles) 93	Num of Lanes: 2			
Sign Struct Type: Sign Struct Design:						
Date Inspected:		Structr Adequacy: 3				
Superstr Code: 9		Safe Load: 5				
Substr Code: 9		Scour: 2				
Project Number: 602117C		2011-13 Priority#: 1				
Repair Year: 2012		2009-11 Priority#: 1				
CPMS Ad Date: 5/21/2012		Bridge \$':				
		Repair Total\$': \$712,050				
Repair Description:						
Replace the 4 existing Culverts with a new three-sided box.						
COMMENTS						
Replace the 4 existing culverts and install a new three-sided box culvert. The channel will be realigned to prevent bank erosion and scour potential. Reconstruct lanes and shoulders of SR 21. Build a detour around the construction area.						

