

**WSDOT Bridge Preservation - Replacement/Rehab Projects  
Funded by the 2005 Transportation Partnership Account**

(Sorted by Bridge Number)

<b>Bridge Number</b>	<b>Bridge Name</b>	<b>Yr Blt</b>	<b>Mile Post</b>	<b>Region</b>	<b>PIN #</b>	<b>CPMS Ad-Date</b>	<b>Project Total\$'s</b>
4/205	ABERNATHY CR	1930	48.13	Southwest	400411A	1/1/2011	\$15,000,000
6/8	WILLAPA R LILLY WHEATON	1929	6.96	Southwest	400694A	4/1/2009	\$7,331,000
6/102	ROCK CR	1924	26.09	Southwest	400612B	2/1/2012	\$6,000,000
6/103	ROCK CR	1924	26.56	Southwest	400612A	2/1/2012	\$6,000,000
6/115	S FK CHEHALIS R	1925	42.62	Southwest	400694B	4/1/2008	\$7,710,000
101/31	MIDDLE NEMAH R	1939	33.84	Southwest	410104A	1/1/2011	\$4,000,000
101/44	BONE R	1935	45.2	Southwest	410194A	1/1/2012	\$13,591,000
105/3	SMITH CR	1959	10.07	Southwest	410510A	2/15/2010	\$12,000,000
105/4	NORTH R	1959	10.42	Southwest	410510B	2/15/2010	\$23,000,000
Total Number of Bridges = 9						Totals:	\$94,632,000

# Bridge Replacements - 2005 TPA

Bridge Number: 4 / 205		Structure ID 0001334A		Bridge Name: ABERNATHY CR		Milepost: 48.13		Region: Southwest					
Year Built / YR Widened: 1930		Bridge Type: CTB		Number of Main/Appr span 4 / 0		Sufficiency Rating: 59.40 FO							
Bridge Width (curb-curb): 24.0 ft		Bridge Length: 170 ft		Max Span: 50 ft		<b>Bridge Deck View</b>							
Average Daily Traffic: 2,788		Truck% 12%	Number of Lanes: 2	NHS: YES									
Vertical Clearance: NA		Detour Length (miles): 6		Appr Rdway Width: 26.0 ft									
Design Load: Unknown		HS: 1.16	Load Restricted Bridge? <input type="checkbox"/>	Op Rating: 48.00						A1: 1.53	BL Load:		
Inv Rating: 29.00		A2: 1.63	CL-8 Load:			A3: 1.82	SA Load:						
<b>Bridge Inspection Information</b>					<b>Bridge Profile View</b>								
Date Inspected: 10/14/2004		Structr Adequacy: 5											
Superstr Code: 5		Safe Load: 5											
Substr Code: 5		Deck Geometry: 2											
Deck Code: 7		Underclearance: 9											
Scour: 2		Waterway: 8											
<b>Proposed Bridge Replacement Information</b>													
New Bridge Width: 36 ft.		Bridge \$'s: \$1,260,000											
New Bridge Length: 175 ft.		Total \$'s: \$15,000,000											
Priority Array #:		Repl/Rehab Year: 2011											
PIN Number: 400411A		Ad Date: 1/1/2011											
WIN Number: D00411A		Prelim Plan?:											
Contract Number:		Funding Cat: 2005 TPA											
<p>THIS BRIDGE IS CLASSIFIED "FO" BASED ON THE ROADWAY ALIGNMENT.</p> <p>This bridge is funded for replacement through the 2005 Transportation Partnership Account.</p>													



# Bridge Replacements - 2005 TPA

Bridge Number: 6 / 8	Structure ID 0001352A	Bridge Name: WILLAPA R LILLY WHEATON	Milepost: 6.96	Region: Southwest
Year Built / YR Widened: 1929	Bridge Type: ST CTB	Number of Main/Appr span 1 / 4	Sufficiency Rating: 49.53 FO	
Bridge Width (curb-curb): 22.0 ft	Bridge Length: 275 ft	Max Span: 162 ft	<b>Bridge Deck View</b>	
Average Daily Traffic: 2,500	Truck% 23%	Number of Lanes: 2	NHS: No	
Vertical Clearance: 16 FT 06 in	Detour Length (miles): 11		Appr Rdway Width: 30.0 ft	
Design Load: H 20	HS: 0.88	Load Restricted Bridge? <input type="checkbox"/>		
Op Rating: 42.00	A1: 1.25	BL Load:		
Inv Rating: 25.00	A2: 1.37	CL-8 Load:		
	A3: 1.33	SA Load:		
<b>Bridge Inspection Information</b>			<b>Bridge Profile View</b>	
Date Inspected: 6/10/2004	Structr Adequacy: 5			
Superstr Code: 5	Safe Load: 5			
Substr Code: 6	Deck Geometry: 2			
Deck Code: 5	Underclearance: 9			
Scour: 8	Waterway: 8			
<b>Proposed Bridge Replacement Information</b>				
New Bridge Width: 32 ft.	Bridge \$'s: \$1,320,000			
New Bridge Length: 275 ft.	Total \$'s: \$7,331,000			
Priority Array #: 25	Repl/Rehab Year: 2009			
PIN Number: 400694A	Ad Date: 4/1/2009			
WIN Number: D00694A	Prelim Plan?: YES			
Contract Number:	Funding Cat: 2005 TPA			
<p>This bridge was added to the Bridge Replacement Priority Array in 1990. The steel was last painted in 1982.</p> <p>The old portals had been hit many times by over height loads. Both of the original portals have been replaced with heavy steel beams by the Southwest Region Maintenance office. All 4 end posts have been reinforced with 1/2" x 12" steel plates on both sides of posts. The vertical clearance over the deck has been increased by 2 feet, from 14.5' to 16.5'.</p> <p>The new bridge will be a prestressed girder constructed south of the existing bridge to allow the existing bridge to function as a detour bridge which will minimize traffic disruptions.</p> <p>This bridge is funded for replacement through the 2005 Transportation Partnership Account.</p>				



# Bridge Replacements - 2005 TPA

Bridge Number: 6 / 102	Structure ID 0000754A	Bridge Name: ROCK CR	Milepost: 26.09	Region: Southwest	
Year Built / YR Widened: 1924	Bridge Type: CTB		Number of Main/Appr span 3 / 0	Sufficiency Rating: 50.00 FO	
Bridge Width (curb-curb): 20.0 ft	Bridge Length: 109 ft	Max Span: 40 ft	<b>Bridge Deck View</b>		
Average Daily Traffic: 1,264	Truck% 13%	Number of Lanes: 2	NHS: No		
Vertical Clearance: NA	Detour Length (miles): 99		Appr Rdway Width: 26.0 ft		
Design Load: H 20	HS: 1.30	Load Restricted Bridge? <input type="checkbox"/>			
Op Rating: 60.00	A1: 1.63	BL Load:			
Inv Rating: 36.00	A2: 1.69	CL-8 Load:			
	A3: 2.00	SA Load:			
<b>Bridge Inspection Information</b>			<b>Bridge Profile View</b>		
Date Inspected: 11/14/2005	Structr Adequacy: 5				
Superstr Code: 6	Safe Load: 5				
Substr Code: 5	Deck Geometry: 2				
Deck Code: 7	Underclearance: 9				
Scour: 3	Waterway: 8			10.9.2001	
<b>Proposed Bridge Replacement Information</b>					
New Bridge Width: 40 ft.	Bridge \$'s: \$912,000				
New Bridge Length: 114 ft.	Total \$'s: \$6,000,000				
Priority Array #:	Repl/Rehab Year: 2012				
PIN Number: 400612B	Ad Date: 2/1/2012				
WIN Number: D00612B	Prelim Plan?:				
Contract Number:	Funding Cat: 2005 TPA				



This is a 3 span CTB built in 1924 with 2 interior piers in the waterway. All the piers are on spread footings. Each of the piers have 5' x 22' x 3' deep footings on shale/solid rock (per as-builts).

The Sept, 1999 Bridge Inspection Report says "The scour repair has been completed. Monitor and condition change per HDR 11/30/1999".

This bridge is funded for replacement through the 2005 Transportation Partnership Account.



# Bridge Replacements - 2005 TPA

Bridge Number: 6 / 103	Structure ID 0000754B	Bridge Name: ROCK CR	Milepost: 26.56	Region: Southwest
Year Built / YR Widened: 1924	Bridge Type: CTB		Number of Main/Appr span 3 / 0	Sufficiency Rating: 57.91 FO
Bridge Width (curb-curb): 20.0 ft	Bridge Length: 114 ft	Max Span: 45 ft	<b>Bridge Deck View</b>	
Average Daily Traffic: 1,371	Truck% 13%	Number of Lanes: 2	NHS: No	
Vertical Clearance: NA	Detour Length (miles): 99		Appr Rdway Width: 28.0 ft	
Design Load: H 20	HS: 1.12	Load Restricted Bridge? <input type="checkbox"/>		
Op Rating: 52.00	A1: 2.04	BL Load:		
Inv Rating: 31.00	A2: 2.13	CL-8 Load:		
	A3: 2.25	SA Load:		
<b>Bridge Inspection Information</b>			<b>Bridge Profile View</b>	
Date Inspected: 11/15/2004	Structr Adequacy: 7			
Superstr Code: 7	Safe Load: 5			
Substr Code: 7	Deck Geometry: 2			
Deck Code: 6	Underclearance: 9			
Scour: 8	Waterway: 8			
<b>Proposed Bridge Replacement Information</b>				
New Bridge Width: 36 ft.	Bridge \$'s: \$856,800			
New Bridge Length: 119 ft.	Total \$'s: \$6,000,000			
Priority Array #:	Repl/Rehab Year: 2012			
PIN Number: 400612A	Ad Date: 2/1/2012			
WIN Number: D00612A	Prelim Plan?:			
Contract Number:	Funding Cat: 2005 TPA			
This bridge is funded for replacement through the 2005 Transportation Partnership Account.				



# Bridge Replacements - 2005 TPA

Bridge Number: 6 / 115	Structure ID 0000969A	Bridge Name: S FK CHEHALIS R	Milepost: 42.62	Region: Southwest
Year Built / YR Widened: 1925	Bridge Type: CA CTB		Number of Main/Appr span 1 / 12	Sufficiency Rating: 36.80 SD
Bridge Width (curb-curb): 20.0 ft	Bridge Length: 580 ft	Max Span: 91 ft	<b>Bridge Deck View</b>	
Average Daily Traffic: 3,700	Truck% 16%	Number of Lanes: 2		
NHS: No				
Vertical Clearance: NA	Detour Length (miles): Appr Rdway Width: 8 26.0 ft			
Design Load: H 20	HS: 0.87	Load Restricted Bridge? <input type="checkbox"/>	<b>Bridge Profile View</b>	
Op Rating: 42.00	A1: 1.11	BL Load:		
Inv Rating: 26.00	A2: 1.18	CL-8 Load:		
	A3: 1.33	SA Load:		
<b>Bridge Inspection Information</b>				
Date Inspected: 6/27/2005	Structr Adequacy: 4			
Superstr Code: 6	Safe Load: 5			
Substr Code: 4	Deck Geometry: 2			
Deck Code: 5	Underclearance: 9			
Scour: 3	Waterway: 8			
<b>Proposed Bridge Replacement Information</b>				
New Bridge Width: 32 ft.	Bridge \$'s: \$2,970,000			
New Bridge Length: 585 ft.	Total \$'s: \$7,710,000			
Priority Array #: 29	Repl/Rehab Year: 2009			
PIN Number: 400694B	Ad Date: 4/1/2008			
WIN Number: D00694B	Prelim Plan?: YES			
Contract Number:	Funding Cat: 2005 TPA			

**THIS BRIDGE IS CLASSIFIED "SD" BASED ON THE SUBSTRUCTURE CODE.**  
 This bridge was added to the Replacement Priority Array in 1991.  
 This bridge is very narrow (20 feet) and has a poor approach roadway alignment. Approach span columns have been repaired with steel or conc. collars ( 10 out of 40 ). Open vertical leaching cracks at top of most columns, many turning into diagonal into the haunches. Some vertical leaching cracks at mid-height of columns in the continuous spans. Arch columns 10B and 11A have diagonal cracks at top, open to 1/4" at 11A. Approach column 8A has been patched. Column 1C has a 5" x 8" spall with a 6" exposed corroded rebar. The Bridge PS&E has been completed and placed "on-the-shelf". The replacement bridge will be a 7 span prestressed girder.  
 The Bridge \$'s = \$159/SF, Total \$'s = \$317/SF.

This bridge is funded for replacement through the 2005 Transportation Partnership Account.

# Bridge Replacements - 2005 TPA

Bridge Number: 101 / 31	Structure ID 0002539A	Bridge Name: MIDDLE NEMAH R	Milepost: 33.84	Region: Southwest
Year Built / YR Widened: 1939	Bridge Type: TTT		Number of Main/Appr span 3 / 0	Sufficiency Rating: 42.91 SD
Bridge Width (curb-curb): 29.5 ft	Bridge Length: 86 ft	Max Span: 40 ft	<b>Bridge Deck View</b>	
Average Daily Traffic: 2,500	Truck% 18%	Number of Lanes: 2		
NHS: YES				
Vertical Clearance: NA	Detour Length (miles): Appr Rdway Width: 99 32.0 ft		<b>Bridge Profile View</b>	
Design Load: H 15	HS: 1.24	Load Restricted Bridge? <input type="checkbox"/>		
Op Rating: 45.00	A1: 1.47	BL Load:		
Inv Rating: 31.00	A2: 1.61	CL-8 Load:		
	A3: 1.79	SA Load:		
<b>Bridge Inspection Information</b>				
Date Inspected: 11/14/2005	Structr Adequacy: 4			
Superstr Code: 7	Safe Load: 5			
Substr Code: 4	Deck Geometry: 4			
Deck Code: 7	Underclearance: 9			
Scour: 3	Waterway: 6			
<b>Proposed Bridge Replacement Information</b>				
New Bridge Width: 36 ft.	Bridge \$'s: \$540,000			
New Bridge Length: 100 ft.	Total \$'s: \$4,000,000			
Priority Array #: 35	Repl/Rehab Year: 2011			
PIN Number: 410104A	Ad Date: 1/1/2011			
WIN Number: C10104A	Prelim Plan?: NO			
Contract Number:	Funding Cat: 2005 TPA			
<p><b>THIS BRIDGE IS CLASSIFIED "SD" DUE TO A SUBSTRUCTURE CONDITION.</b></p> <p>This bridge was added to the Bridge Replacement Priority Array in 1997.</p> <p>There are a total of 40 timber piles in this bridge. Five (5) of these piles are Yellow Tagged (YT). All four (4) soldier piles are rotten with 1" to 2" shells.</p> <p>An IDC was written to the Southwest Region summarizing a change in the priority for this bridge from 18 to 35. The replacement of this bridge will be delayed until the condition of the timber justifies the replacement.</p> <p>This bridge is funded for replacement through the 2005 Transportation Partnership Account.</p>				



# Bridge Replacements - 2005 TPA

Bridge Number: 101 / 44		Structure ID 0001939B		Bridge Name: BONE R		Milepost: 45.20		Region: Southwest			
Year Built / YR Widened: 1935		Bridge Type: TTT		Number of Main/Appr span 15 / 0		Sufficiency Rating: 32.82SD					
Bridge Width (curb-curb): 24.0 ft		Bridge Length: 297 ft		Max Span: 31 ft		<b>Bridge Deck View</b>					
Average Daily Traffic: 3,000		Truck% 18%	Number of Lanes: 2		NHS: YES						
Vertical Clearance: NA		Detour Length (miles): 29		Appr Rdway Width: 28.0 ft							
Design Load: H 15		HS: 1.26	Load Restricted Bridge? <input checked="" type="checkbox"/>		BL Load: 21,500						
Op Rating: 45.00		A1: 1.59	CL-8 Load:		SA Load:		<b>Bridge Profile View</b>				
Inv Rating: 29.00		A2: 1.61									
		A3: 1.95									
<b>Bridge Inspection Information</b>											
Date Inspected: 7/7/2004		Structr Adequacy: 4		Superstr Code: 6		Safe Load: 5					
Substr Code: 4		Deck Geometry: 2		Deck Code: 4		Underclearance: 9					
Scour: 3		Waterway: 8									
<b>Proposed Bridge Replacement Information</b>											
New Bridge Width: 36 ft.		Bridge \$'s: \$2,400,000		New Bridge Length: 362 ft.		Total \$'s: \$13,591,000					
Priority Array #: 21		Repl/Rehab Year: 2012		PIN Number: 410194A		Ad Date: 1/1/2012					
WIN Number: D10194A		Prelim Plan?: YES		Contract Number:		Funding Cat: 2005 TPA					

**THIS BRIDGE IS CLASSIFIED "SD" DUE TO THE DECK AND SUBSTRUCTURE CONDITION.**  
 This bridge was added to the Bridge Replacement Priority Array in 1990.

Many of the timber piles have splits. Pile 4A and 5A have center rot and a 2 inch shell. Pile 7A is Red Tagged with an open hole and rot exposed near the low tide line. Several of the timber cross braces are rotten. The concrete deck is sandwiched between the original timber forms and the existing ACP overlay. The steel reinforcing in the 5" thick concrete deck is corroding in several locations causing potholes in the ACP.

A detour bridge will be constructed to allow the new prestressed girder replacement bridge to remain on the same alignment as the existing bridge. The Bridge PS&E has been completed and placed "on-the-shelf".

This bridge is funded for replacement through the 2005 Transportation Partnership Account.



# Bridge Replacements - 2005 TPA

Bridge Number: 105 / 3	Structure ID 0005832A	Bridge Name: SMITH CR	Milepost: 10.07	Region: Southwest	
Year Built / YR Widened: 1959	Bridge Type: PCB TTT	Number of Main/Appr span 1 / 12	Sufficiency Rating: 45.97 SD		
Bridge Width (curb-curb): 26.0 ft	Bridge Length: 308 ft	Max Span: 65 ft	<p align="center"><b>Bridge Deck View</b></p> 		
Average Daily Traffic: 897	Truck% 8%	Number of Lanes: 2			NHS: No
Vertical Clearance: NA	Detour Length (miles): 114				Appr Rdway Width: 30.0 ft
Design Load: HS 20	HS: 1.06	Load Restricted Bridge? <input checked="" type="checkbox"/>			
Op Rating: 54.00	A1: 1.26	BL Load: 21,500			
Inv Rating: 38.00	A2: 1.38	CL-8 Load:			
	A3: 1.53	SA Load:			
<p align="center"><b>Bridge Inspection Information</b></p> Date Inspected: 7/6/2004      Structr Adequacy: 4 Superstr Code: 6                      Safe Load: 5 Substr Code: 4                      Deck Geometry: 5 Deck Code: 5                      Underclearance: 9 Scour: 8                      Waterway: 8			<p align="center"><b>Bridge Profile View</b></p> 		
<p align="center"><b>Proposed Bridge Replacement Information</b></p> New Bridge Width: 40 ft.      Bridge \$'s: \$2,504,000 New Bridge Length: 313 ft.      Total \$'s: \$12,000,000 Priority Array #:                      Repl/Rehab Year: 2010 PIN Number: 410510A              Ad Date: 2/15/2010 WIN Number: D10510A              Prelim Plan?:					
Contract Number:                      Funding Cat: 2005 TPA					
<p>THE BRIDGE IS CLASSIFIED "SD" DUE TO A SUBSTRUCTURE CONDITION.</p> <p>This bridge is funded for replacement through the 2005 Transportation Partnership Account.</p>					



# Bridge Replacements - 2005 TPA

Bridge Number: 105 / 4	Structure ID 0005832B	Bridge Name: NORTH R	Milepost: 10.42	Region: Southwest
Year Built / YR Widened: 1959	Bridge Type: PCB TTT		Number of Main/Appr span 1 / 28	Sufficiency Rating: 22.79 SD
Bridge Width (curb-curb): 26.0 ft	Bridge Length: 596 ft	Max Span: 80 ft	<b>Bridge Deck View</b>	
Average Daily Traffic: 897	Truck% 8%	Number of Lanes: 2	NHS: No	
Vertical Clearance: NA	Detour Length (miles): 114		Appr Rdway Width: 30.0 ft	
Design Load: HS 20	HS: 1.25	Load Restricted Bridge? <input checked="" type="checkbox"/>		
Op Rating: 45.00	A1: 1.48	BL Load: 21,500		
Inv Rating: 32.00	A2: 1.62	CL-8 Load:		
	A3: 1.80	SA Load:		
<b>Bridge Inspection Information</b>			<b>Bridge Profile View</b>	
Date Inspected: 6/4/2004	Structr Adequacy: 3			
Superstr Code: 6	Safe Load: 5			
Substr Code: 3	Deck Geometry: 5			
Deck Code: 6	Underclearance: 9			
Scour: 3	Waterway: 8			
<b>Proposed Bridge Replacement Information</b>				
New Bridge Width: 40 ft.	Bridge \$'s: \$4,808,000			
New Bridge Length: 601 ft.	Total \$'s: \$23,000,000			
Priority Array #:	Repl/Rehab Year: 2010			
PIN Number: 410510B	Ad Date: 2/15/2010			
WIN Number: D10510B	Prelim Plan?:			
Contract Number:	Funding Cat: 2005 TPA			
<p>THE BRIDGE IS CLASSIFIED "SD" DUE TO A SUBSTRUCTURE CONDITION.</p> <p>This bridge is funded for replacement through the 2005 Transportation Partnership Account.</p>				

