

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

(Sorted by Bridge Number)

Bridge Number	Bridge Name	Yr Blt	Mile Post	Region	PIN #	CPMS Ad-Date	Project Total\$'s
27/34	PINE CR	1937	41.02	Eastern	602704A	11/19/2007	\$4,000,000
195/22	SPRING FLAT CR	1920	37.46	Eastern	619503K	11/1/2009	\$4,000,000
290/5	SPOKANE R EAST TRENT	1910	0.82	Eastern	629001D	3/1/2014	\$34,000,000
Total Number of Bridges = 3						Totals:	\$42,000,000

Bridge Replacements - 2005 TPA

Bridge Number: 27 / 34		Structure ID 000000JU		Bridge Name: PINE CR		Milepost: 41.02		Region: Eastern	
Year Built / YR Widened: 1937		Bridge Type: TTT		Number of Main/Appr span 6 / 0		Sufficiency Rating: 59.42SD			
Bridge Width (curb-curb): 26.0 ft		Bridge Length: 124 ft		Max Span: 21 ft		Bridge Deck View			
Average Daily Traffic: 450		Truck% 22%	Number of Lanes: 2		NHS: No				
Vertical Clearance: NA		Detour Length (miles): 10		Appr Rdway Width: 28.0 ft					
Design Load: H 15		HS: 1.45	Load Restricted Bridge? <input type="checkbox"/>						
Op Rating: 52.00		A1: 1.69	BL Load:				Bridge Profile View		
Inv Rating: 36.00		A2: 1.85	CL-8 Load:						
		A3: 2.05	SA Load:						
Bridge Inspection Information									
Date Inspected: 7/19/2005		Structr Adequacy: 4							
Superstr Code: 6		Safe Load: 5							
Substr Code: 4		Deck Geometry: 5							
Deck Code: 6		Underclearance: 9							
Scour: 4		Waterway: 3							
Proposed Bridge Replacement Information									
New Bridge Width: 36 ft.		Bridge \$'s: \$800,000							
New Bridge Length: 140 ft.		Total \$'s: \$4,000,000							
Priority Array #: 28		Repl/Rehab Year: 2008							
PIN Number: 602704A		Ad Date: 11/19/2007							
WIN Number: F02704A		Prelim Plan?: NO							
Contract Number:		Funding Cat: 2005 TPA							
<p>THIS BRIDGE IS CLASSIFIED "SD" DUE TO THE SUBSTRUCTURE CODE. This bridge was added to the Bridge Replacement Priority Array in 1997. Some timber members in the deck are rolling over on their sides. There is approximately 11 inches of ACP over the timber deck. The bottom of many stringers are rounded off due to high water debris abrasion. Neither abutment can be accessed for inspection, the timber caps at these abutments are buried with dirt. The timber cap at pier 5 is bulging approximately 1/2 inch near the mid height and is red-tagged with a 1 inch shell. Piling at abutments, pier 2, west end of pier 3 and pier 5 could not be accessed during the last bridge inspection. The Eastern Region indicates that water overtopped the road & bridge in 1997, 1998 and 1999. Roadway improvement funds need to be used to raise the roadway grade if necessary to accommodate a new profile. This bridge is funded for replacement through the 2005 Transportation Partnership Account.</p>									



Bridge Replacements - 2005 TPA

Bridge Number: 195 / 22	Structure ID 00000GR	Bridge Name: SPRING FLAT CR	Milepost: 37.46	Region: Eastern	
Year Built / YR Widened: 1920	Bridge Type: CTB	Number of Main/Appr span 1 / 0	Sufficiency Rating: 41.09 SD		
Bridge Width (curb-curb): 56.0 ft	Bridge Length: 37 ft	Max Span: 37 ft	<p style="text-align: center;">Bridge Deck View</p> 		
Average Daily Traffic: 9,400	Truck% 14%	Number of Lanes: 4			NHS: YES
Vertical Clearance: NA	Detour Length (miles): 13				Appr Rdway Width: 56.0 ft
Design Load: Unknown	HS: 0.82	Load Restricted Bridge? <input checked="" type="checkbox"/>			
Op Rating: 26.00	A1: 0.90	BL Load:	18,500		
Inv Rating: 15.00	A2: 0.99	CL-8 Load:	21,500		
	A3: 1.09	SA Load:	43,000		
Bridge Inspection Information			<p style="text-align: center;">Bridge Profile View</p> 		
Date Inspected: 9/22/2004	Structr Adequacy:	2			
Superstr Code: 6	Safe Load:	4			
Substr Code: 6	Deck Geometry:	5			
Deck Code: 5	Underclearance:	9			
Scour: 8	Waterway:	8			
Proposed Bridge Replacement Information					
New Bridge Width: 60 ft.	Bridge \$'s:	\$333,000			
New Bridge Length: 37 ft.	Total \$'s:	\$4,000,000			
Priority Array #: 24	Repl/Rehab Year:	2010			
PIN Number: 619503K	Ad Date:	11/1/2009			
WIN Number: E19503K	Prelim Plan?:	NO			
Contract Number:	Funding Cat:	2005 TPA			
<p>THIS BRIDGE IS CLASSIFIED "SD" DUE TO THE STRUCTURAL ADEQUACY CODE.</p> <p>This bridge was added to the P2 Bridge Replacement Priority Array in 2001.</p> <p>The inspection report notes: Rock pockets, spalls, and delaminations throughout the underside of the bridge deck. Two spalls on the bottom side of the west sidewalk deck with exposed sections of 4 to 6 rebars with up to 100% section loss. There is a 40 sq.ft. spall that is 5 inches deep with 3 rebar exposed at the NW corner of the bridge on the traffic side of the edge beam. There is a 40 sq.ft. spall area that is 3 inches deep along the traffic side of the west floorbeam from the centerline to the south abutment.</p> <p>This bridge is funded for replacement through the 2005 Transportation Partnership Account.</p>					



Bridge Replacements - 2005 TPA

Bridge Number: 290 / 5	Structure ID 000000FE	Bridge Name: SPOKANE R EAST TRENT	Milepost: 0.82	Region: Eastern	
Year Built / YR Widened: 1910	Bridge Type: CA	Number of Main/Appr span 5 / 0	Sufficiency Rating: 46.39 SD		
Bridge Width (curb-curb): 40.0 ft	Bridge Length: 513 ft	Max Span: 100 ft	<p style="text-align: center;">Bridge Deck View</p> 		
Average Daily Traffic: 13,884	Truck% 10%	Number of Lanes: 4			NHS: YES
Vertical Clearance: NA	Detour Length (miles): 3				Appr Rdway Width: 55.0 ft
Design Load: Unknown	HS: 3.13	Load Restricted Bridge? <input checked="" type="checkbox"/>			
Op Rating: 99.00	A1: 4.80	BL Load:	17,000		
Inv Rating: 78.00	A2: 3.68	CL-8 Load:	17,000		
	A3: 4.93	SA Load:	20,000		
Bridge Inspection Information					
Date Inspected: 5/26/2004	Structr Adequacy:	4			
Superstr Code: 4	Safe Load:	5			
Substr Code: 5	Deck Geometry:	2			
Deck Code: 4	Underclearance:	9			
Scour: 3	Waterway:	8			
Proposed Bridge Replacement Information					
New Bridge Width: 60 ft.	Bridge \$'s:	\$6,216,000			
New Bridge Length: 518 ft.	Total \$'s:	\$34,000,000			
Priority Array #:	Repl/Rehab Year:	2015			
PIN Number: 629001D	Ad Date:	3/1/2014			
WIN Number: E29001D	Prelim Plan?:				
Contract Number:	Funding Cat:	2005 TPA			
<p>THIS BRIDGE IS CLASSIFIED "SD" DUE TO THE DECK CODE. The April 1999 inspection by Steve Tonks changed the Deck and Superstructure code to a "4" based on the condition of the bottom side of the deck. The NBI deck code should be a "9" since this is a Luden Arch (same as bridge 290/4). This bridge is posted for 20,000 single axle and 34,000 dual axle (legal loads). There are no current plans to replace this bridge.</p> <p>This bridge is funded for replacement through the 2005 Transportation Partnership Account.</p>					
Bridge Profile View					
					

