

P2 Bridge Preservation - Steel Bridge Painting Projects

2009-11 Bien Priority Array

(Sorted by 2009-11 Priority Number)



09-11 #	Bridge Number	Bridge Name	Mile Post	Region	Bridge Length	Total Project\$
1	525/10	BN RR OC (GN)	8.36	Northwest	228	\$254,000
1	542/30	N FK NOOKSACK R WARNIC	30.87	Northwest	251	\$297,020
6	509/101	F B HOIT	7.85	Northwest	562	\$1,576,000
7	509/103	JOES CREEK	9.93	Northwest	264	\$700,000
11	99/560	AURORA AVE-G WASH MEM	34.14	Northwest	2,955	\$25,000,000
12	9/118	SNOHOMISH R	9.17	Northwest	1,111	\$707,000
14	18/17S	GREEN R (NEELEY BRIDGE)	6.62	Northwest	371	\$732,000
15	5/670W	STILLAGUAMISH R	209.35	Northwest	859	\$1,897,500
19	9/122	SR 9 OC, BICKFORD AVE	10.87	Northwest	192	\$250,000
25	5/828W	NOOKSACK R	263.05	Northwest	897	\$804,000
26	5/828E	NOOKSACK R	263.05	Northwest	905	\$888,000
29	5/526.1	ARCHIE CODIGA BRIDGE	156.48	Northwest	930	\$744,000
39	542/33	GLACIER CR	33.49	Northwest	84	\$200,000
43	536/15	SKAGIT R CS2907	4.72	Northwest	675	\$1,602,000
45	202/60	SNOQUALMIE R	26.00	Northwest	444	\$852,000
48	530/290	ROCKPORT BRIDGE	67.34	Northwest	506	\$735,000
49	167/127W	BN RR OC (NP)	20.96	Northwest	314	\$450,000
50	20/204	DECEPTION PASS	41.81	Northwest	976	\$4,672,000
52	410/101	WHITE R	21.99	Northwest	292	\$717,000
54	529/20E	STEAMBOAT SL CS3115	5.44	Northwest	910	\$3,044,000
57	90/25S	LACEY V. MURROW BRIDGE	4.24	Northwest	8,981	\$8,700,000
Total Number of Bridges = 21					Total Project \$ =	\$54,821,520



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48	530/290	ROCKPORT BRIDGE	67.34	Northwest	506	\$735,000
43	536/15	SKAGIT R CS2907	4.72	Northwest	675	\$1,602,000
1	542/30	N FK NOOKSACK R WARNIC	30.87	Northwest	251	\$297,020
39	542/33	GLACIER CR	33.49	Northwest	84	\$200,000

Total Number of Bridges = 21

Total Project \$ = \$54,821,520



Steel Bridge Paint Form

2009-11 Biennium Priority Array

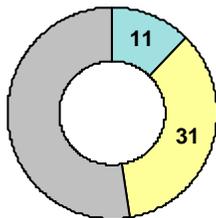


Bridge Number: 5 / 526.1		Bridge Name: ARCHIE CODIGA BRIDGE		Milepost: 156.48	Region: Northwest	
Year Built 1966	Bridge Type: SB TTT		Steel Span Length: 645 ft.	Width (curb-curb): 26 ft.	Steel Tonnage: 248	
Paint Age: 31	Paint Color: 26307 Light Gray	Steel Surf. Area: 27,280 sqft	BMS Cond State 2: 2,500 sqft	BMS Cond State 3: 2,700 sqft		
Next Paint Year: 2013	2007-09 Rank: 31	2009-11 Rank: 29	CPMS Ad date:	Paint Pin Number:	Cost Est\$/Ton: \$3,000	Future Paint Cost: \$744,000

Past Paint History

Years	Cycle
1977	11
1966	

Painting Cycle



■ = Current Paint Age



Bridge Inspector's Notes:

Top flange rust in exterior stringers at sidewalk joints. Rust blooms in both top and bottom flanges. Large piles of pigeon guano on bottom lateral gusset plates. Fire damage at east abutment burnt an area of the paint but no significant damage. Peeling paint is more prevalent in Spans 1 and 2.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

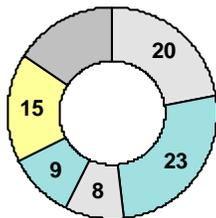


Bridge Number: 5 / 670W		Bridge Name: STILLAGUAMISH R		Milepost: 209.35	Region: Northwest
Year Built 1933	Bridge Type: ST CTB		Steel Span Length: 600 ft.	Width (curb-curb): 48 ft.	Steel Tonnage: 759
Paint Age: 15	Paint Color: Steel Gray	26329	Steel Surf. Area: 113,850 sqft	BMS Cond State 2: 60,000 sqft	BMS Cond State 3: 20,000 sqft
Next Paint Year: 2011	2007-09 Rank: 23	2009-11 Rank: 15	CPMS Ad date:	Paint Pin Number:	Cost Est\$/Ton: \$2,500
					Future Paint Cost: \$1,897,500

Past Paint History

Years	Cycle
1993	9
1984	8
1976	23
1953	20
1933	

Painting Cycle



■ = Current Paint Age



The 1993 painting contract was one of the first in the state that required the containment and disposal of the abrasives used to prepare the steel surfaces. The inspection report says that there is "small rust blooms scattered throughout. Some rust at bottom gusset connections to the bottom chord. Rust staining on top flanges of stringers and floorbeams."

The bridge deck is scheduled to be replaced in the 2013-15 biennium. The bridge painting should be part of the same project.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

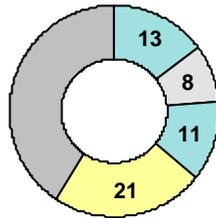


Bridge Number: 5 / 828E		Bridge Name: NOOKSACK R		Milepost: 263.05	Region: Northwest
Year Built 1955	Bridge Type: ST CTB		Steel Span Length: 220 ft.	Width (curb-curb): 28 ft.	Steel Tonnage: 222
Paint Age: 21	Paint Color: 26307 Light Gray	Steel Surf. Area: 33,300 sqft	BMS Cond State 2: 10,000 sqft	BMS Cond State 3: 3,330 sqft	
Next Paint Year: 2013	2007-09 Rank: 9	2009-11 Rank: 26	CPMS Ad date:	Paint Pin Number: 100595E	Cost Est\$/Ton: \$4,000
			Future Paint Cost: \$888,000		

Past Paint History

Years	Cycle
1987	11
1976	8
1968	13
1955	

Painting Cycle



= Current Paint Age



Bridge Inspection Notes:

The paint system is chalking, peeling, and curling. Paint has peeled up to 10% of area to exposed rusty metal. Paint has peeled up to 30% of area without exposed metal.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

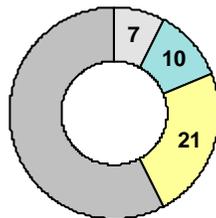


Bridge Number: 5 / 828W		Bridge Name: NOOKSACK R		Milepost: 263.05	Region: Northwest
Year Built 1971	Bridge Type: ST PCB		Steel Span Length: 220 ft.	Width (curb-curb): 38 ft.	Steel Tonnage: 201
Paint Age: 21	Paint Color: 26307 Light Gray	Steel Surf. Area: 30,150 sqft	BMS Cond State 2: 20,000 sqft	BMS Cond State 3: 500 sqft	
Next Paint Year: 2013	2007-09 Rank: 47	2009-11 Rank: 25	CPMS Ad date:	Paint Pin Number: 100595E	Cost Est\$/Ton: \$4,000
			Future Paint Cost: \$804,000		

Past Paint History

Years	Cycle
1987	10
1977	7
1970	

Painting Cycle



■ = Current Paint Age



Bridge Inspection Notes:

STEEL STRINGERS - Some of the ends near the floor beams are rusting in the top flange.

FLOOR BEAMS - Top flange of the floor beams are rusting with up to 5% section loss. The top flange at the ends has the most advanced rusting.

TRUSS BOTTOM CHORD - Pack rust between the bottom lateral gusset plates and the bottom chord with a few starting to bulge. Paint is peeling with over 40% gone exposing the previous paint. The top paint is not adhering to the bottom paint. Pigeon quano noted.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

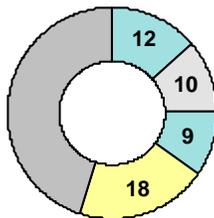


Bridge Number: 9 / 118		Bridge Name: SNOHOMISH R		Milepost: 9.17	Region: Northwest	
Year Built 1959	Bridge Type: ST CBOX CTB		Steel Span Length: 300 ft.	Width (curb-curb): 29.3 ft.	Steel Tonnage: 320	
Paint Age: 18	Paint Color: Evergreen	34097	Steel Surf. Area: 48,000 sqft	BMS Cond State 2: 18,000 sqft	BMS Cond State 3: 1,000 sqft	
Next Paint Year: 2011	2007-09 Rank: 12	2009-11 Rank: 12	CPMS Ad date:	Paint Pin Number:	Cost Est\$/Ton: \$4,000	Future Paint Cost: \$1,280,000

Past Paint History

Years	Cycle
1990	9
1981	10
1971	12
1959	

Painting Cycle



■ = Current Paint Age



No Photo Available

Bridge Inspection Notes:

Truss members are moss covered and have peeling paint. Inside faces have more peeling paint than the outside faces. There is bird guano and dirt accumulations up to 3" deep in joint areas. The gray primer is exposed and peeling paint as noted: Top Chord - 80% gone; Diagonals - 40% gone; Bottom Chord - 50% gone.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

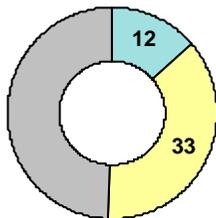


Bridge Number: 9 / 122		Bridge Name: SR 9 OC, BICKFORD AVE		Milepost: 10.87	Region: Northwest
Year Built 1963	Bridge Type: SB TTT		Steel Span Length: 64 ft.	Width (curb-curb): 30 ft.	Steel Tonnage: 28
Paint Age: 33	Paint Color: N/A	N/A	Steel Surf. Area: 3,080 sqft	BMS Cond State 2: 1,500 sqft	BMS Cond State 3: 600 sqft
Next Paint Year: 2013	2007-09 Rank: 22	2009-11 Rank: 19	CPMS Ad date:	Paint Pin Number:	Cost Est\$/Ton: \$8,928 Future Paint Cost: \$250,000

Past Paint History

Years	Cycle
1975	12
1963	33

Painting Cycle



■ = Current Paint Age



Bridge Inspector's Notes:

Spots of surface rust throughout. Peeled paint and sheet rust on girder end bottom flanges and on flange edges. Rust freckles on many bolts and end cross bracing elements.

This may be a good candidate for an overcoat with an epoxy rust penetrating sealer.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

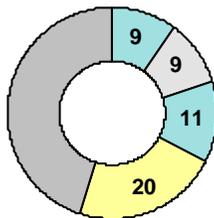


Bridge Number: 18 / 17S		Bridge Name: GREEN R (NEELEY BRIDGE)		Milepost: 6.62	Region: Northwest
Year Built 1959	Bridge Type: ST CBOX		Steel Span Length: 200 ft.	Width (curb-curb): 29.5 ft.	Steel Tonnage: 183
Paint Age: 20	Paint Color: Evergreen	34097	Steel Surf. Area: 27,450 sqft	BMS Cond State 2: 10,000 sqft	BMS Cond State 3: 7,000 sqft
Next Paint Year: 2011	2007-09 Rank: 15	2009-11 Rank: 14	CPMS Ad date:	Paint Pin Number:	Cost Est\$/Ton: \$4,000
					Future Paint Cost: \$732,000

Past Paint History

Years	Cycle
1988	11
1977	9
1968	9
1959	

Painting Cycle



= Current Paint Age



No Photo Available

Bridge Inspector's notes:

Rusting in sliding joints at stringers and on top flanges of stringer near floor beams. Several stringers (primarily A&E) have fatigue cracks up to 5/8". Rusting in several exposed areas at floor beams.

TRUSS: Mossy growth on paint with a few pits and rust blooms. Rust blooms on portals and top sways throughout. Paint peeling off in sheets on W. portal frame. A few rivets on bottom lateral gusset plates have 15% head section loss.

FLOOR BEAMS: Mud and rust staining on the top flanges, webs and bottom flanges. Sheet rust on the bottom side of the top flange up to 1/8" deep. Top flange has 5-10% section loss, mostly near the end of the floor beams.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

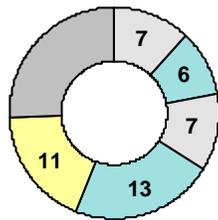


Bridge Number: 20 / 204		Bridge Name: DECEPTION PASS		Milepost: 41.81	Region: Northwest
Year Built 1935	Bridge Type: ST CTB		Steel Span Length: 900 ft.	Width (curb-curb): 22 ft.	Steel Tonnage: 1,168
Paint Age: 11	Paint Color: Evergreen	34097	Steel Surf. Area: 175,200 sqft	BMS Cond State 2: 87,600 sqft	BMS Cond State 3: 5,260 sqft
Next Paint Year: 2017	2007-09 Rank:	2009-11 Rank: 50	CPMS Ad date:	Paint Pin Number:	Cost Est\$/Ton: \$4,000
					Future Paint Cost: \$4,672,000

Past Paint History

Years	Cycle
1997	13
1984	7
1977	6
1971	7
1954	

Painting Cycle



■ = Current Paint Age



Full removal of the existing paint was required to the floor beams and stringers in the last painting contract.

Up to 10% section loss was noted in the top and bottom flanges of the stringers prior to being painted in 1998. Rust at interface between top flanges and deck. Surface rust with some pitting. Pack rust in the bottom flanges and bearing seats with up to 50% section loss, especially Stringers A and E. There are many areas that are rusting through the paint. Paint preparation and thickness varied greatly throughout the bridge from several layers of paint protection to over spray with no preparation to the metal. Rust stains on several of the members. Surface rust on several of the stringers and truss members.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

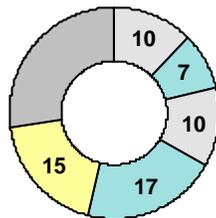


Bridge Number: 90 / 25S		Bridge Name: LACEY V. MURROW BRIDGE		Milepost: 4.24	Region: Northwest
Year Built 1940	Bridge Type: CFP SA ST CBOX S		Steel Span Length: 884 ft.	Width (curb-curb): 52 ft.	Steel Tonnage: 2,900
Paint Age: 15	Paint Color: Wa. Gray	N/A	Steel Surf. Area: 435,000 sqft	BMS Cond State 2: 145,000 sqft	BMS Cond State 3: 0 sqft
Next Paint Year: 2017	2007-09 Rank: 52	2009-11 Rank: 57	CPMS Ad date:	Paint Pin Number:	Cost Est\$/Ton: \$3,000
					Future Paint Cost: \$8,700,000

Past Paint History

Years	Cycle
1993	17
1976	10
1966	7
1959	10
1949	

Painting Cycle



■ = Current Paint Age



The steel truss spans were spread apart and rehabilitated as part of the bridge widening project in 1993. Full containment was used during the painting work.

Bridge Inspection Notes:

Exterior stringers in the deck truss have approximately 30% of the surface paint layer flaking off and areas of freckle rust. Stringers in the tied arch spans have approximately 50% of the top coat peeling throughout. Surface layer of paint is flaking off on approximately 5% of the truss members. Approximately 10% of the top coat of paint is peeling off of the outside flanges of the tied arch hangers, and 5% off of the arch ties. All floorbeams in deck truss have top layer of paint flaking off.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

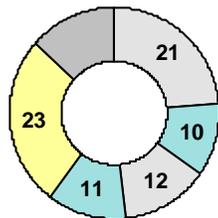


Bridge Number: 99 / 560		Bridge Name: AURORA AVE-G WASH MEM BR		Milepost: 34.14	Region: Northwest
Year Built 1931	Bridge Type: ST CG		Steel Span Length: 1950 ft.	Width (curb-curb): 56.5 ft.	Steel Tonnage: 7,983
Paint Age: 23	Paint Color: 26307 Light Gray	Steel Surf. Area: 1,197,450 sqft	BMS Cond State 2: 957 sqft	BMS Cond State 3: 120 sqft	
Next Paint Year: 2012	2007-09 Rank: 2	2009-11 Rank: 11	CPMS Ad date:	Paint Pin Number: 109947B	Cost Est\$/Ton: \$3,132
			Future Paint Cost: \$25,000,000		

Past Paint History

Years	Cycle
1985	11
1974	12
1962	10
1952	21
1931	21

Painting Cycle



■ = Current Paint Age



In 1995 (C#14547) 0.75' of the sidewalk and 3.75' of the roadway slab on both sides of the bridge was removed and replaced. The steel supporting this area was rehabilitated and painted with a MC Urethane.

STRINGERS - At the expansion joints (piers 8 and 11, U26, U30 of span 9) 60% section loss in bottom flange. At these locations the stringer web stiffeners and rivet heads have up to 100% section loss. Peeling paint on most of stringers A,B,C,K,L,M.

FLOORBEAMS - The top flanges near the curb lines have been repaired. Pack rust between stringer seats.

DECK TRUSS - A few areas of rust blooms in the gusset plates. Spans 4&5 have large amounts of vines growing on the steel bracing.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

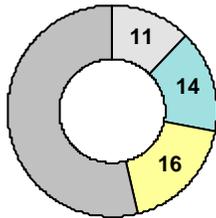


Bridge Number: 167 / 127W		Bridge Name: BN RR OC (NP)		Milepost: 20.96	Region: Northwest
Year Built 1967	Bridge Type: SB		Steel Span Length: 314 ft.	Width (curb-curb): 50 ft.	Steel Tonnage: 150
Paint Age: 16	Paint Color: 26307 Light Gray	Steel Surf. Area: 16,500 sqft	BMS Cond State 2: 800 sqft	BMS Cond State 3: 500 sqft	
Next Paint Year: 2015	2007-09 Rank:	2009-11 Rank: 49	CPMS Ad date:	Paint Pin Number:	Cost Est\$/Ton: \$3,000 Future Paint Cost: \$450,000

Past Paint History

Years	Cycle
1992	14
1978	11
1967	

Painting Cycle



■ = Current Paint Age



The thickness of the paint was not specified in contract 14057.

This bridge was widened as part of contract 14771. There are two new girders placed on the south side. These girders should be excluded from the next paint contract.

Bridge Inspection Notes:

There are rust blooms throughout, especially on the bottom flanges. There is peeling paint in the webs and bottom flanges. Girders E and F were installed when the bridge was widened in 1998. There are a few spots of rust on the original girders where the paint is thin.

Steel Bridge Paint Form

2009-11 Biennium Priority Array



Bridge Number: 202 / 60		Bridge Name: SNOQUALMIE R		Milepost: 26.00	Region: Northwest
Year Built 1931	Bridge Type: ST CTB		Steel Span Length: 220 ft.	Width (curb-curb): 24 ft.	Steel Tonnage: 213
Paint Age: 18	Paint Color: Evergreen	34097	Steel Surf. Area: 31,950 sqft	BMS Cond State 2: 16,000 sqft	BMS Cond State 3: 1,500 sqft
Next Paint Year: 2015	2007-09 Rank:	2009-11 Rank: 45	CPMS Ad date:	Paint Pin Number:	Cost Est\$/Ton: \$4,000
			Future Paint Cost: \$852,000		

Past Paint History

Years

1990

Cycle

12

1978

8

1970

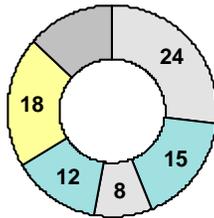
15

1955

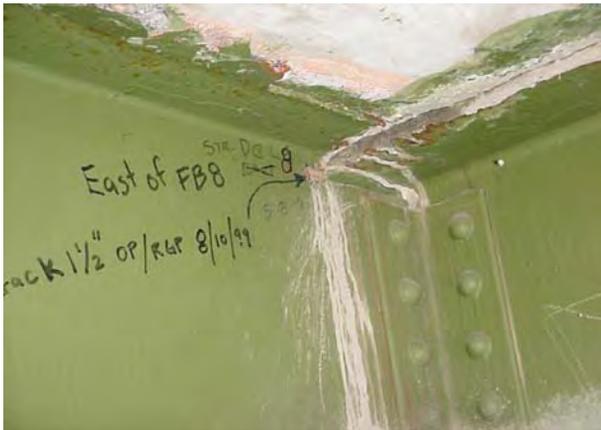
24

1931

Painting Cycle



■ = Current Paint Age



The last paint contract (13767) did not specify the thickness of the paint.

Bridge Inspection Notes:

Steel truss has peeling and cracking paint throughout, and rusting in some of the members. Rust in the top and bottom flanges of stringers and floorbeams. Some rust staining along web of sidewalk stringers.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

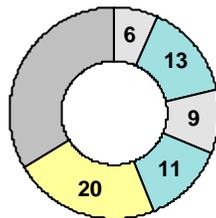


Bridge Number: 410 / 101		Bridge Name: WHITE R		Milepost: 21.99	Region: Northwest
Year Built 1949	Bridge Type: ST CTB		Steel Span Length: 200 ft.	Width (curb-curb): 32 ft.	Steel Tonnage: 239
Paint Age: 20	Paint Color: Evergreen	34097	Steel Surf. Area: 35,850 sqft	BMS Cond State 2: 17,000 sqft	BMS Cond State 3: 1,000 sqft
Next Paint Year: 2017	2007-09 Rank:	2009-11 Rank: 52	CPMS Ad date:	Paint Pin Number:	Cost Est\$/Ton: \$3,000
					Future Paint Cost: \$717,000

Past Paint History

Years	Cycle
1988	11
1977	9
1968	13
1955	6
1949	

Painting Cycle



= Current Paint Age



Bridge Inspection Notes:

Paint is failing in several areas. The top flange of the bottom sway braces have areas of peeling paint. The top of truss has many rust blooms and areas of peeling paint - chalky throughout. Paint is chipped and peeling on bottom of diagonals and on verticals. Paint is peeling and failing on the bottom chord, bottom lateral gussets, top chord connections, floor beam to truss connections, and bottom of stringer to floor beam connections. There are areas of blistered and peeling paint on floorbeams.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

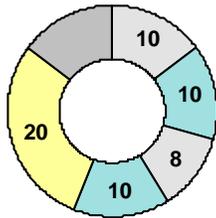


Bridge Number: 509 / 101		Bridge Name: F B HOIT		Milepost: 7.85	Region: Northwest
Year Built 1929	Bridge Type: SG		Steel Span Length: 562 ft.	Width (curb-curb): 28 ft.	Steel Tonnage: 394
Paint Age: 20	Paint Color: Evergreen	34097	Steel Surf. Area: 43,340 sqft	BMS Cond State 2: 20,340 sqft	BMS Cond State 3: 23,000 sqft
Next Paint Year: 2009	2007-09 Rank: 5	2009-11 Rank: 6	CPMS Ad date: 4/6/2009	Paint Pin Number: 150906S	Cost Est\$/Ton: \$4,000
			Future Paint Cost: \$1,576,000		

Past Paint History

Years	Cycle
1988	10
1978	8
1970	10
1960	10
1950	

Painting Cycle



■ = Current Paint Age



The bridge deck was replaced in 1996 as part of contract 14713. The top flange of the beams were painted prior to the construction of the new concrete deck. One coat of zinc primer (2.5 mils dry) was used on the top flanges. Full removal of the existing paint system is needed. Full containment will be required.

Bridge Inspectors notes:

Paint is chalking throughout. Peeling paint, rust blooms, and laminar rust on bottom flange and lower web portion of floorbeams and girders. Up to 2 sq. ft. areas of paint flaking on tower legs and bracing. Exposed metal in many locations.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

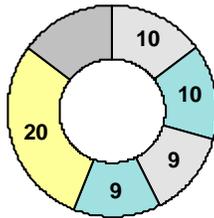


Bridge Number: 509 / 103		Bridge Name: JOES CREEK		Milepost: 9.93	Region: Northwest	
Year Built 1929	Bridge Type: SG		Steel Span Length: 267 ft.	Width (curb-curb): 28 ft.	Steel Tonnage: 175	
Paint Age: 20	Paint Color: 34097 Evergreen		Steel Surf. Area: 19,250 sqft	BMS Cond State 2: 14,450 sqft	BMS Cond State 3: 4,800 sqft	
Next Paint Year: 2009	2007-09 Rank: 17	2009-11 Rank: 7	CPMS Ad date: 4/6/2009	Paint Pin Number: 150906S	Cost Est\$/Ton: \$4,000	Future Paint Cost: \$700,000

Past Paint History

Years	Cycle
1988	9
1979	9
1970	10
1960	10
1950	

Painting Cycle



■ = Current Paint Age



The bridge deck was replaced in 1996 as part of contract 14713. The top flange of the beams were painted prior to the construction of the new concrete deck. One coat of zinc primer (2.5 mils dry) was used on the top flanges.

Full paint removal is warranted based on the age and condition of the existing paint. Full containment will be required.

Bridge Inspectors Notes:

Paint is thin and peeling in places. Rust blooms are common throughout the bridge. Diagonal bracing on columns are rusted on the top surfaces.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

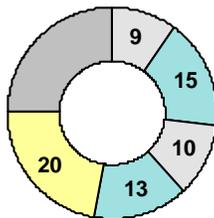


Bridge Number: 525 / 10		Bridge Name: BN RR OC (GN)		Milepost: 8.36	Region: Northwest	
Year Built 1941	Bridge Type: SB TTT		Steel Span Length: 45 ft.	Width (curb-curb): 47 ft.	Steel Tonnage: 30	
Paint Age: 20	Paint Color: Warm Brown	30099	Steel Surf. Area: 3,300 sqft	BMS Cond State 2: 1,320 sqft	BMS Cond State 3: 1,320 sqft	
Next Paint Year: 2008	2007-09 Rank: 8	2009-11 Rank: 1	CPMS Ad date: 4/7/2008	Paint Pin Number: 152520C	Cost Est\$/Ton: \$8,467	Future Paint Cost: \$254,000

Past Paint History

Years	Cycle
1988	13
1975	10
1965	15
1950	9
1941	

Painting Cycle



■ = Current Paint Age



This bridge is scheduled to be painted in 2008.

The steel spans are over a railroad that is used extensively. Time allowed to re-paint the steel is very limited. The plan is to use compressed air to remove paint and loose paint then coat with an epoxy rust-penetrating sealer.

Bridge Inspector's comments:

Paint is chalky with areas peeling, blistering and flaking. Areas of rust throughout.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

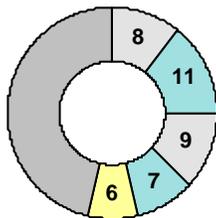


Bridge Number: 529 / 20E		Bridge Name: STEAMBOAT SL CS3115		Milepost: 5.44	Region: Northwest
Year Built 1954	Bridge Type: SS ST CTB		Steel Span Length: 658 ft.	Width (curb-curb): 28 ft.	Steel Tonnage: 761
Paint Age: 6	Paint Color: Evergreen	34097	Steel Surf. Area: 114,150 sqft	BMS Cond State 2: 0 sqft	BMS Cond State 3: 3,000 sqft
Next Paint Year: 2017	2007-09 Rank:	2009-11 Rank: 54	CPMS Ad date:	Paint Pin Number:	Cost Est\$/Ton: \$4,000
					Future Paint Cost: \$3,044,000

Past Paint History

Years	Cycle
2002	7
1975	9
1966	11
1955	8
1947	

Painting Cycle



■ = Current Paint Age



Bridge Inspection Notes:

Painting of bridge completed between the April 2001 and November 2003 inspections. The paint is peeling on many of the floorbeam top flanges. The paint is failing at a few stringer copes. The paint is failing inside of Joint L2'W in Span 5. Poor paint inside Member U2E-U3E in Span 5. There is some debris at the lower panel points throughout all of the trusses.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

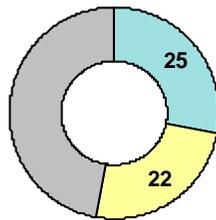


Bridge Number: 530 / 290		Bridge Name: ROCKPORT BRIDGE		Milepost: 67.34	Region: Northwest	
Year Built 1961	Bridge Type: SB CTB		Steel Span Length: 456 ft.	Width (curb-curb): 24.2 ft.	Steel Tonnage: 245	
Paint Age: 22	Paint Color: Evergreen	34097	Steel Surf. Area: 26,950 sqft	BMS Cond State 2: 1,000 sqft	BMS Cond State 3: 1,000 sqft	
Next Paint Year: 2015	2007-09 Rank: 34	2009-11 Rank: 48	CPMS Ad date:	Paint Pin Number:	Cost Est\$/Ton: \$3,000	Future Paint Cost: \$735,000

Past Paint History

Years	Cycle
1986	25
1961	22

Painting Cycle



■ = Current Paint Age



A LMC overlay was applied to the bridge deck in 1995 (C#14696). The bridge rails and expansion joints were also replaced.

Bridge Inspection Notes:

Girder paint system is starting to peel and flake in some locations. The top flange of the outside girders are starting to rust in few areas.

Light rust in bottom flange and diaphragms at hinges. Areas of rust in top flanges at interface with deck.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

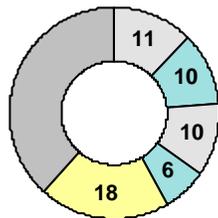


Bridge Number: 536 / 15		Bridge Name: SKAGIT R		Milepost: 4.72	Region: Northwest
Year Built 1953	Bridge Type: SS ST CTB		Steel Span Length: 451 ft.	Width (curb-curb): 28 ft.	Steel Tonnage: 534
Paint Age: 18	Paint Color: 26307 Light Gray	Steel Surf. Area: 80,100 sqft	BMS Cond State 2: 20,000 sqft	BMS Cond State 3: 4,000 sqft	
Next Paint Year: 2015	2007-09 Rank: 46	2009-11 Rank: 43	CPMS Ad date:	Paint Pin Number:	Cost Est\$/Ton: \$3,000
			Future Paint Cost: \$1,602,000		

Past Paint History

Years	Cycle
1990	6
1984	10
1974	10
1964	11
1953	11

Painting Cycle



■ = Current Paint Age



This bridge was a movable bridge but all the machinery has been removed.

Bridge Inspection Notes:

Top layer of paint has failed on the bottom chord. Paint breaking down and steel surface is rusting in hand holds, bottom half of truss diagonals, end posts and portal frames, top chords and sway frames.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

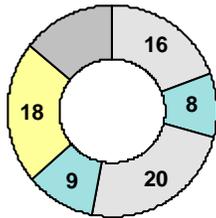


Bridge Number: 542 / 30		Bridge Name: N FK NOOKSACK R WARNICK		Milepost: 30.87	Region: Northwest
Year Built 1931	Bridge Type: ST CG		Steel Span Length: 150 ft.	Width (curb-curb): 20 ft.	Steel Tonnage: 105
Paint Age: 18	Paint Color: Evergreen	34097	Steel Surf. Area: 15,750 sqft	BMS Cond State 2: 8,000 sqft	BMS Cond State 3: 1,200 sqft
Next Paint Year: 2008	2007-09 Rank: 4	2009-11 Rank: 1	CPMS Ad date: 4/7/2008	Paint Pin Number: 154230S	Cost Est\$/Ton: \$4,000
			Future Paint Cost: \$420,000		

Past Paint History

Years	Cycle
1990	9
1981	20
1961	8
1953	16
1937	

Painting Cycle



■ = Current Paint Age



This bridge is scheduled to be painted in 2008.

The last Bridge Inspector noted:

Approximately 65 percent of the truss painted steel surfaces have peeling paint. About 10 percent of the truss has exposed steel. About 40 percent of the floor system has peeling paint. Less than 5 percent of the floor system has exposed steel with pitting and laminar rust.

Steel Bridge Paint Form

2009-11 Biennium Priority Array



Bridge Number: 542 / 33		Bridge Name: GLACIER CR		Milepost: 33.49	Region: Northwest	
Year Built 1956	Bridge Type: SB		Steel Span Length: 84 ft.	Width (curb-curb): 26 ft.	Steel Tonnage: 35	
Paint Age: 24	Paint Color: Evergreen	34097	Steel Surf. Area: 3,850 sqft	BMS Cond State 2: 2,050 sqft	BMS Cond State 3: 200 sqft	
Next Paint Year: 2015	2007-09 Rank: 42	2009-11 Rank: 39	CPMS Ad date:	Paint Pin Number:	Cost Est\$/Ton: \$5,714	Future Paint Cost: \$200,000

Past Paint History

Years

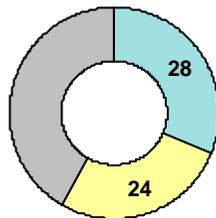
1984

1956

Cycle

28

Painting Cycle



■ = Current Paint Age



No Photo Available

No Photo Available

The last inspection report indicates that there are many paint chips on the bottom flange of the steel beams. The top flanges have laminar rust near abutments. The top flanges of cross brace channels are rusty.

Many of the roadway rail posts have peeling paint. The bearing plates and bolts are heavily corroded.