

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\$
21	12/328S	NACHES R NELSON	198.66	South Central	314	\$900,000
22	12/328N	NACHES R NELSON	198.66	South Central	304	\$474,000
55	82/280S	COLUMBIA R BR @ UMATILLA	132.36	South Central	3,380	\$11,211,000
Total Number of Bridges = 3					Total Project \$ =	\$12,585,000



Steel Bridge Paint Form

2009-11 Biennium Priority Array

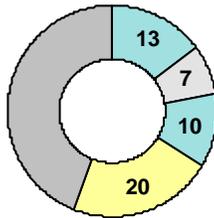


Bridge Number: 12 / 328N		Bridge Name: NACHES R NELSON		Milepost: 198.66	Region: South Central
Year Built 1958	Bridge Type: ST		Steel Span Length: 304 ft.	Width (curb-curb): 28 ft.	Steel Tonnage: 316
Paint Age: 20	Paint Color: 30277 Light Brown	Steel Surf. Area: 47,400 sqft	BMS Cond State 2: 15,000 sqft	BMS Cond State 3: 1,000 sqft	
Next Paint Year: 2013	2007-09 Rank: 25	2009-11 Rank: 22	CPMS Ad date:	Paint Pin Number:	Cost Est\$/Ton: \$3,000 Future Paint Cost: \$948,000

Past Paint History

Years	Cycle
1988	10
1978	7
1971	13
1958	

Painting Cycle



= Current Paint Age



Bridge Inspection Notes:

Paint is peeling on all members except stringers, mostly in locations where the pigeons are. The green base paint is exposed along the top of the bottom chords. Surface rust is visible on vertical faces exposed to sunlight.
 Floorbeams - Most have rusting in the top flange. A few small areas of paint peeling scattered throughout.
 Truss - Pack rust in bottom chord splice plate L6-L7.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

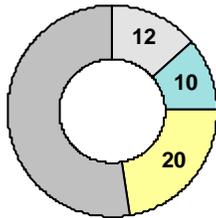


Bridge Number: 12 / 328S		Bridge Name: NACHES R NELSON		Milepost: 198.66	Region: South Central	
Year Built 1966	Bridge Type: ST		Steel Span Length: 304 ft.	Width (curb-curb): 30.2 ft.	Steel Tonnage: 300	
Paint Age: 20	Paint Color: 30277 Light Brown	Steel Surf. Area: 45,000 sqft	BMS Cond State 2: 20,000 sqft	BMS Cond State 3: 10,000 sqft		
Next Paint Year: 2013	2007-09 Rank: 19	2009-11 Rank: 21	CPMS Ad date:	Paint Pin Number:	Cost Est\$/Ton: \$3,000	Future Paint Cost: \$900,000

Past Paint History

Years	Cycle
1988	10
1978	12
1966	

Painting Cycle



■ = Current Paint Age



Bridge Inspector's notes:

Paint is peeling on all members except stringers, mostly in locations with pigeons guano. The green base paint is exposed along the top of the bottom chords. Surface rust is visible on vertical faces exposed to sunlight.

Steel Bridge Paint Form

2009-11 Biennium Priority Array

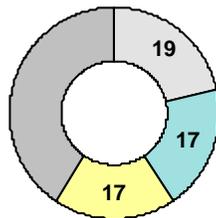


Bridge Number: 82 / 280S		Bridge Name: COLUMBIA R BR @ UMATILLA		Milepost: 132.36	Region: South Central
Year Built 1955	Bridge Type: ST SB		Steel Span Length: 3380 ft.	Width (curb-curb): 27.5 ft.	Steel Tonnage: 3,737
Paint Age: 17	Paint Color: 30318 Warm Conc Gray	Steel Surf. Area: 560,550 sqft	BMS Cond State 2: 30,000 sqft	BMS Cond State 3: 2,000 sqft	
Next Paint Year: 2017	2007-09 Rank: 50	2009-11 Rank: 55	CPMS Ad date:	Paint Pin Number:	Cost Est\$/Ton: \$3,000 Future Paint Cost: \$11,211,000

Past Paint History

Years	Cycle
1991	17
1974	19
1955	17

Painting Cycle



■ = Current Paint Age



Bridge Inspection Notes:

Truss Floor System - The truss stringer diaphragms have flaking paint top coat in many places over approximately 10% of area. Many stringers have very thin paint. Approximately 5% of the stringer area is affected. There is extensive peeling paint on the stringers in the east bays of the east truss span. The truss floor beam bottom flanges have peeled paint in 2 sq.ft. areas (approximately 2% peeling).

Truss Bottom Chord - There are areas on the bottom of the bottom chord and inside the bottom chord that have missing or peeled off top coat, amounting to approximately 5% of the total painted area. The drop in span bottom of the South bottom chord has up to 10% peeled paint. The girder cross brace chord angles have flaking top coat of paint on approximately 5% of the area.