



Paint Condition Index (PCI)

The Paint Condition Index (PCI) is a 0-100 ranking system that utilizes the current paint condition (called condition states) of the various painted steel elements on the bridge.

The PCI weighs the quantity and condition states of the various painted elements as well as the importance of that element in the bridge. A ranking of 80-100 would indicate a paint system in good to excellent condition; a ranking of 0-20 would indicate a totally failed paint system. SM&I inspectors make paint work recommendations for all bridges where the PCI ranking is less than 65.





Structure Maintenance & Investigations

Paint Condition Index (PCI) - State Bridges



District 01 Humboldt

Bridge No	Structure Name	Route	Postmile	Element	PCI	%CS1	%CS2	%CS3	%CS4	%CS5
04 0220	ROCK CHUTE CREEK	169	029.830	(202) Steel column or pile ext painted		12	0	0	0	0



Structure Maintenance & Investigations

Paint Condition Index (PCI) - State Bridges



District 02

Shasta

Bridge No	Structure Name	Route	Postmile	Element	PCI	%CS1	%CS2	%CS3	%CS4	%CS5
06 0056	LAKE BRITTON UP	089	029.340	(202) Steel column or pile ext painted		0	0	4	0	0
06 0056	LAKE BRITTON UP	089	029.340	(231) Steel cap painted		0	0	7	0	0



Structure Maintenance & Investigations



Paint Condition Index (PCI) - State Bridges

District 03

El Dorado

Bridge No	Structure Name	Route	Postmile	Element	PCI	%CS1	%CS2	%CS3	%CS4	%CS5
25 0007	EL DORADO DITCH	050	033.690	(107) Steel open girder painted	68.7	0	80	27	0	0

Placer

Bridge No	Structure Name	Route	Postmile	Element	PCI	%CS1	%CS2	%CS3	%CS4	%CS5
19 0086	ROUTE 174/80 SEPARATION	174	000.010	(107) Steel open girder painted	93.6	144	50	0	0	0



Structure Maintenance & Investigations



Paint Condition Index (PCI) - State Bridges

District 04

Alameda

Bridge No	Structure Name	Route	Postmile	Element	PCI	%CS1	%CS2	%CS3	%CS4	%CS5
33 0284	SAN LEANDRO OVERCROSSING	077	000.290	(107) Steel open girder painted	100	258	0	0	0	0
33 0286	PG&E PIPELINE OC	880	008.520	(107) Steel open girder painted	100	65	0	0	0	0
33 0286	PG&E PIPELINE OC	880	008.520	(202) Steel column or pile ext painted	100	2	0	0	0	0
33 0661	EASTSHORE POC	080	005.700	(141) Steel arch painted	100	176	0	0	0	0

Santa Clara

Bridge No	Structure Name	Route	Postmile	Element	PCI	%CS1	%CS2	%CS3	%CS4	%CS5
37 0139G	N17-S280 CONNECTOR OC	017	013.850	(107) Steel open girder painted	100	117	0	0	0	0
37 0667	STEVENS CREEK TRAIL POC	085	R 023.400	(121) Steel bottom chord thru truss painted	100	292	0	0	0	0
37 0667	STEVENS CREEK TRAIL POC	085	R 023.400	(126) Steel thru truss excl bottom chord painted	100	292	0	0	0	0
37 0667	STEVENS CREEK TRAIL POC	085	R 023.400	(152) Steel floor beam painted	100	165	0	0	0	0

Solano

Bridge No	Structure Name	Route	Postmile	Element	PCI	%CS1	%CS2	%CS3	%CS4	%CS5
23 0140	SUISUN VALLEY ROAD OC	080	013.490	(107) Steel open girder painted	87.5	273	0	91	0	0



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District 05

San Luis Obispo

Bridge No	Structure Name	Route	Postmile	Element	PCI	%CS1	%CS2	%CS3	%CS4	%CS5
49 0160	SANTA ROSA ROAD OC	101	044.010	(107) Steel open girder painted	75	0	256	0	0	0
49 0161	CURBARIL AVENUE OC	101	044.840	(107) Steel open girder painted	74.3	0	285	8	0	0



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District 06

Kern

Bridge No	Structure Name	Route	Postmile	Element	PCI	%CS1	%CS2	%CS3	%CS4	%CS5
50 0004	UNION AVENUE UP	204	003.340	(202) Steel column or pile ext painted		2	0	0	0	0

Tulare

Bridge No	Structure Name	Route	Postmile	Element	PCI	%CS1	%CS2	%CS3	%CS4	%CS5
46 0040	TULARE POC	099	029.850	(107) Steel open girder painted	100	87	0	0	0	0



Structure Maintenance & Investigations

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District 07

Los Angeles

Bridge No	Structure Name	Route	Postmile	Element	PCI	%CS1	%CS2	%CS3	%CS4	%CS5
53 0315	CHAPMAN (LACMTA & SCRRA) UNDERPASS	000	000.000	(107) Steel open girder painted	99.8	305	3	0	0	0
53 0636	SIMONS UP	005	011.040	(107) Steel open girder painted	100	256	0	0	0	0
53 0636	SIMONS UP	005	011.040	(202) Steel column or pile ext painted	100	4	0	0	0	0
53 1071	COLORADO BLVD UP	005	025.310	(107) Steel open girder painted	97.6	270	29	0	0	0
53 1374	HUMBOLDT STREET UP	005	020.120	(107) Steel open girder painted	100	610	0	0	0	0
53 1426	MOZART STREET POC	005	019.430	(107) Steel open girder painted	100	78	0	0	0	0
53 1674	WHITSETT UP	170	R 018.400	(107) Steel open girder painted	100	764	1	0	0	0



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District 08

Riverside

Bridge No	Structure Name	Route	Postmile	Element	PCI	%CS1	%CS2	%CS3	%CS4	%CS5
56 0181	HURKEY CREEK	074	062.990	(107) Steel open girder painted	100	41	0	0	0	0
56 0391	MONROE STREET UC	091	015.100	(107) Steel open girder painted	100	333	0	0	0	0

San Bernardino

Bridge No	Structure Name	Route	Postmile	Element	PCI	%CS1	%CS2	%CS3	%CS4	%CS5
54 0826	MUSCOY UNDERPASS	210	020.190	(107) Steel open girder painted	100	96	0	0	0	0
54 0835	SLOVER MOUNTAIN UP	010	R 021.460	(107) Steel open girder painted	75	0	115	0	0	0
54 1211	NORTH VICTORVILLE UP	015	049.250	(107) Steel open girder painted	100	150	0	0	0	0
54 1211	NORTH VICTORVILLE UP	015	049.250	(152) Steel floor beam painted	100	510	0	0	0	0



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District 10

Alpine

Bridge No	Structure Name	Route	Postmile	Element	PCI	%CS1	%CS2	%CS3	%CS4	%CS5
31 0010	RAYMOND MEADOW CREEK	004	024.470	(107) Steel open girder painted	93.4	100	36	0	0	0
31 0025	WEST FORK CARSON RIVER	088	017.760	(107) Steel open girder painted	100	119	0	0	0	0
31 0026	WEST FORK CARSON RIVER	088	016.130	(107) Steel open girder painted	100	98	0	0	0	0



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District 11 San Diego

Bridge No	Structure Name	Route	Postmile	Element	PCI	%CS1	%CS2	%CS3	%CS4	%CS5
57 0117	BINGVILLE UP	094	046.790	(107) Steel open girder painted	98.6	17	1	0	0	0
57 0122	INDIAN AGENCY UP	094	R 059.160	(102) Steel closed web/box girder painted	50	0	0	356	0	0
57 0341	LAKE MURRAY BLVD OC	008	009.590	(107) Steel open girder painted	100	686	0	0	0	0
57 0350F	W94-S15 CONNECTOR OC	094	003.080	(231) Steel cap painted		17	0	0	0	0



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Bridge Paint (Protective Coating) 5-Year Plan
