

Description	Frequency	Estimated Timeframe	Lifecycle Cost	
<i>Cyclical Preventative Maintenance</i>				
Sweep Deck & Approach Slabs	Yearly (Spring)	2026-2101	\$375,000	
Clean Expansion Joints	Yearly (Spring)	2026-2101	\$750,000	
Wash Deck	Yearly (Spring)	2026-2101	\$750,000	
Clean Beams, Abutments, & Piers	Yearly (Spring)	2026-2101	\$750,000	
Crack Seal Bridge Deck	3 Years	2028, 2031, 2034, ...	\$250,000	
Apply Deck Surface Treatment (penetrating water repellent)	6 Years	2031, 2037, 2043, ...	\$400,000	
<i>Condition-Based Preventative Maintenance</i>			<i>Cost per Application per Bridge</i>	<i>Lifecycle Cost</i>
<i>Repair Bridge Expansion Joints</i>	<i>Every @ 15 Years</i>	<i>2041, 2056, 2071, 2086</i>	<i>\$15,000</i>	<i>\$120,000</i>
<i>Concrete Bridge Deck Overlay</i>	<i>Once @ 25 Years</i>	<i>2051</i>	<i>\$836,000</i>	<i>\$1,672,000</i>
<i>Bridge Barrier/Railing Repairs</i>	<i>Once @ 25 Years</i>	<i>2051</i>	<i>\$63,000</i>	<i>\$126,000</i>
<i>Repair Bridge Bridge Bearings</i>	<i>Every @ 25 Years</i>	<i>2051, 2076</i>	<i>\$25,000</i>	<i>\$100,000</i>
<i>Concrete Substructure Repairs</i>	<i>Every 25 years</i>	<i>2051, 2076</i>	<i>\$20,000</i>	<i>\$80,000</i>
<i>Repair Slope Protection</i>	<i>Every 25 years</i>	<i>2051, 2076</i>	<i>\$15,000</i>	<i>\$60,000</i>
<i>Steel Girder Painting (Steel Beams Only)</i>	<i>Every 25 years</i>	<i>2051, 2076</i>	<i>\$235,000</i>	<i>\$940,000</i>
<i>Replace Approach Slabs</i>	<i>Once @ 50 years</i>	<i>2076</i>	<i>\$308,000</i>	<i>\$616,000</i>
<i>Concrete Bridge Deck Replacement</i>	<i>Once @ 50 years</i>	<i>2076</i>	<i>\$3,108,000</i>	<i>\$6,216,000</i> [JV1]