

MAINTENANCE PLANNING GUIDELINES		2006																																																
<p>ACTIVITY: Bridge Maintenance (R321)</p> <p style="text-align: center;">MAJOR & MINOR</p>	<p>ACTION: Substructure Repairs <i>B. Spot Painting of Bearings & Piling</i></p>																																																	
<p>DEFINITION: The time and expenses incurred with maintaining bridges on the state highway system. Examples include handrail, curb, sidewalks and median, cathodic protection maintenance and super and sub structure repairs.</p>																																																		
<p>PURPOSE: To protect the bearings and piling from rusting.</p>																																																		
<p>SCHEDULING: April to November, with temperatures above 40°F and dry conditions. Can be extended to all year around with dry and suitable temperatures.</p>	<table border="1" style="margin: auto;"> <tr> <td>J</td><td>F</td><td>M</td><td>A</td><td>M</td><td>J</td><td>J</td><td>A</td><td>S</td><td>O</td><td>N</td><td>D</td> </tr> <tr> <td>A</td><td>E</td><td>A</td><td>P</td><td>A</td><td>U</td><td>U</td><td>U</td><td>E</td><td>C</td><td>O</td><td>E</td> </tr> <tr> <td>N</td><td>B</td><td>R</td><td>R</td><td>Y</td><td>N</td><td>L</td><td>G</td><td>P</td><td>T</td><td>V</td><td>C</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>		J	F	M	A	M	J	J	A	S	O	N	D	A	E	A	P	A	U	U	U	E	C	O	E	N	B	R	R	Y	N	L	G	P	T	V	C												
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<p>RECOMMENDED EQUIPMENT:</p> <ul style="list-style-type: none"> • Heavy Duty Van Truck • Heavy Duty Flatbed/Extra Heavy Duty Compressor • Sandblaster/Hoses • Paint Sprayer • Scaffolds • 1½-in. H.D. Air Drill • Traffic Control Equipment; (See EPG 616.23 Traffic Control for Field Operations) 	<p>RECOMMENDED PROCEDURE:</p> <ol style="list-style-type: none"> 1. Place traffic control devices as needed. 2. Hang scaffolds, if necessary. 3. Remove all paint scale, pack rust, and other surface rust by sandblasting, scraping, grinding, or wire brushing. 4. Prime exposed steel with rust resistant primer using paint sprayer or brush immediately following prep work. 5. When primer has dried, apply topcoat with paint sprayer or brush. 6. Clean area, equipment, and tools. 7. Remove traffic control devices. 																																																	
<p>RECOMMENDED MATERIAL:</p> <ul style="list-style-type: none"> • Blasting Sand or Abrasive • Paint Products Available in Aerosol Cans • Calcium Sulfonate Primer or Penetrating Sealer • Gray or Green Calcium Sulfonate Topcoat 																																																		
<p>SAFETY: Safety lines should be attached to the bridge, rather than the scaffold, in case of scaffold failure. Wear all appropriate PPE. Refer to the Safety Policies, Rules & Regulations – Employee Handbook.</p>																																																		
<p>OTHER CONSIDERATIONS: Where lead based paint exists, take proper precautions to collect and properly dispose of debris.</p>																																																		
<p>REFERENCES: EPG 771.13 Sealing Abutment and Pier Caps.</p>																																																		