

MAINTENANCE PLANNING GUIDELINES		2006																																																
<p>ACTIVITY: Roadway & Bridge Safety Features (R227)</p> <p style="text-align: center;">MAJOR & MINOR</p>	<p>ACTION: Traffic Barriers (Concrete) A. Replacement</p>																																																	
<p>DEFINITION: The time and expenses incurred for installing and maintaining fences along the roadway, guardrails and end treatments, guard cable, impact attenuator devices for roadside obstacles; and all cost to maintain concrete traffic barriers, sidewalks and bicycle paths and raised pavement markers.</p>																																																		
<p>PURPOSE: The replacement of damaged and/or displaced concrete traffic barrier sections.</p>																																																		
<p>SCHEDULING: Replace the first possible normal working day.</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 style="background-color: black;"> <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"> • Boom Truck and/or Loader • Dump Truck or Flatbed Truck • Air Compressor/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. Remove damaged sections and straighten, remove, or cut off dowel bars. 3. Place new barrier and secure by either cable or pins. 4. Clean area and load debris. 5. Remove traffic control devices. 																																																	
<p>RECOMMENDED MATERIAL:</p> <ul style="list-style-type: none"> • 10-ft. Precast Barrier Sections 																																																		
<p>SAFETY: Care should be used in handling the heavy barrier sections. Wear all appropriate PPE. Refer to <i>Safety Policies, Rules & Regulations-Employee Handbook</i>.</p>																																																		
<p>OTHER CONSIDERATIONS:</p>																																																		
<p>REFERENCES: <i>Missouri Standard Specifications for Highway Construction</i>; Section 617</p>																																																		