

MAINTENANCE PLANNING GUIDELINES		2006																																																
ACTIVITY: Pipe Culvert Repairs (R319) MAJOR & MINOR	ACTION: Clean & Repair Pipe & Box Culverts <i>A. Pipe Culverts</i>																																																	
DEFINITION: The time and expenses incurred from removing and replacing pipe culverts. Includes time and expenses incurred for installing a new lining in an existing culvert.																																																		
PURPOSE: To clean, align, and repair pipe culverts and related structures.																																																		
SCHEDULING: As needed.	<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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RECOMMENDED EQUIPMENT: <ul style="list-style-type: none"> • Trucks • Water Tank w/Trash Pump • Concrete Mixer • Jack • Loader • Skid Steer Loader • Chainsaws • Tube Flusher • Traffic Control Equipment, Reference (See EPG 616.23 Traffic Control for Field Operations) 	RECOMMENDED PROCEDURE: <ol style="list-style-type: none"> 1. Call Dig Rite and MoDOT to check for utilities. 2. Place traffic control devices as needed. 3. Fill open joints with joint compound 4. If headwall, flared end section, or pipe end section is settled, align section with jack or loader and compact material under section for support. 5. If ends of corrugated metal pipe are bent and restricted, open with jack. 6. Clean excess compound and debris from work area. 7. Remove traffic control devices. 																																																	
RECOMMENDED MATERIAL: <ul style="list-style-type: none"> • Concrete • Plastic Joint Compound • Form Material • Water • Curing Compound 																																																		
SAFETY: Call before you dig to locate utilities (1-800-DIG-RITE). Watch those “pinch points.” Wear all appropriate PPE. Refer to the Safety Policies, Rules & Regulations – Employee Handbook..																																																		
OTHER CONSIDERATIONS: Check if Corps of Engineers permit is needed.																																																		