

MAINTENANCE PLANNING GUIDELINES											2/2014																																																
ACTIVITY: Drainage (R316) MAJOR & MINOR						ACTION: Repair Paved Ditches & Slopes																																																					
DEFINITION: The time and expenses incurred for the installation, repair and maintenance of roadway drainage ditches, structures, and all slide repairs. This includes installing and maintaining pavement drainage systems.																																																											
PURPOSE: To maintain drainage by the repair of broken or settled sections of paved ditches, slopes and related drain basins.																																																											
SCHEDULING: Schedule when sections cannot be repaired by mudjacking or backfilling, when temperature is above freezing.						<table><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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RECOMMENDED EQUIPMENT: <ul style="list-style-type: none">Compressor/BreakersLoader or BackhoeBackhoe Mounted StingerTrucksTraffic Control Equipment; (See EPG 616.23 Traffic Control for Field Operations).						RECOMMENDED PROCEDURE: <ol style="list-style-type: none">Contact Dig Rite and others to mark utilities.Place traffic control devices as needed.Break settled or damaged sections, and fill and shape damaged sections with clean shotrock.Drain basins should be repaired by removing damaged sections, forming and pouring new concrete to match existing grades.Remove traffic control devices.																																																					
RECOMMENDED MATERIAL: <ul style="list-style-type: none">Ready-Mix ConcreteShotrockSeedMulchSilt Fence, Straw Bales, Rock (for Berms), Triangular Silt Dyke, Coir Fiber LogsSodErosion Control Blankets																																																											
SAFETY: Refer to the Comprehensive Safety Program sharepoint portal . Wear all appropriate PPE. Refer to the Risk Based Assessment for additional information.																																																											
OTHER CONSIDERATIONS: N/A																																																											
REFERENCES: Missouri Standard Specifications for Highway Construction Section; 609.10 802, 803, 805, 806. Missouri Standard Plans , 806.10.																																																											