

| MAINTENANCE PLANNING GUIDELINES | | | | | | | | | | | | 2/2014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| ACTIVITY: Drainage (R316) MAJOR & MINOR | | | | | | ACTION: Repair Curbing <i>A. Concrete Curbs</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 restore drainage by repairing concrete curbs, islands, curb and gutters, and curbed medians. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCHEDULING: As needed when the air and ground temperatures are above 45°F. | | | | | | <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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| 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• Concrete Mixer or Concrete Mobile• Concrete Curb Machine• Concrete Saw• Compressor/Breaker• Water Tank• Traffic Control Equipment; (See EPG 616.23 Traffic Control for Field Operations) | | | | | | RECOMMENDED PROCEDURE: <ol style="list-style-type: none">1. Contact Dig Rite and others to mark utilities.2. Place traffic control devices as needed.3. Saw exterior limits of damaged section.4. Remove damaged concrete, form, install steel, and place expansion felt at each transverse joint.5. Pour concrete, finish, and apply curing compound.6. When cured, remove forms, backfill, and seed.7. Clean work area.8. Remove traffic control devices. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RECOMMENDED MATERIAL: <ul style="list-style-type: none">• Concrete• Reinforcing Steel• Form Material• Expansion Felts• Grates• Water• Seed• Curing Compound | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |