

MAINTENANCE PLANNING GUIDELINES

01/2014

ACTIVITY: Other Pavement Maintenance (R314)
MAJOR & MINOR

ACTION: Pavement Leveling (Mudjacking or Other Methods)

DEFINITION: The time and expenses incurred to maintain pavements not specified elsewhere. Examples include cold-milling and blading aggregate roads. Includes cost of using a mud jack or other equipment to level pavements or fill voids under pavements and bridges approach slabs.

PURPOSE: Leveling surface or filling under concrete pavement, bridge approaches, and slope protection.

SCHEDULING: Avoid leveling pavement during hot weather. Bridge approaches should be checked annually.

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

RECOMMENDED EQUIPMENT:

- Dump Trucks
- Water Truck w/Pump
- Air Compressor
- Traffic Control Equipment; (See EPG [616.23 Traffic Control for Field Operations](#))

RECOMMENDED PROCEDURE:

1. Contact Dig Rite and others to mark utilities.
2. Place traffic control devices as needed.
3. Wet pavement surfaces.
4. Carefully pump and plug holes until void is filled or pavement is raised. Use stringline when raising pavement.
5. Clean pavement and equipment.
6. Remove traffic control devices.

RECOMMENDED MATERIAL:

- Water
- Portland Cement
- Agricultural Lime

SAFETY: Extreme caution should be taken when operating equipment. Refer to the [Comprehensive Safety Program sharepoint portal](#). Wear all appropriate PPE. Refer to the [Risk Based Assessment](#) for additional information.

OTHER CONSIDERATIONS: Most production is achieved when pavement is pre-drilled.

REFERENCES: Missouri Standard Specifications for Highway Construction Section [625](#).