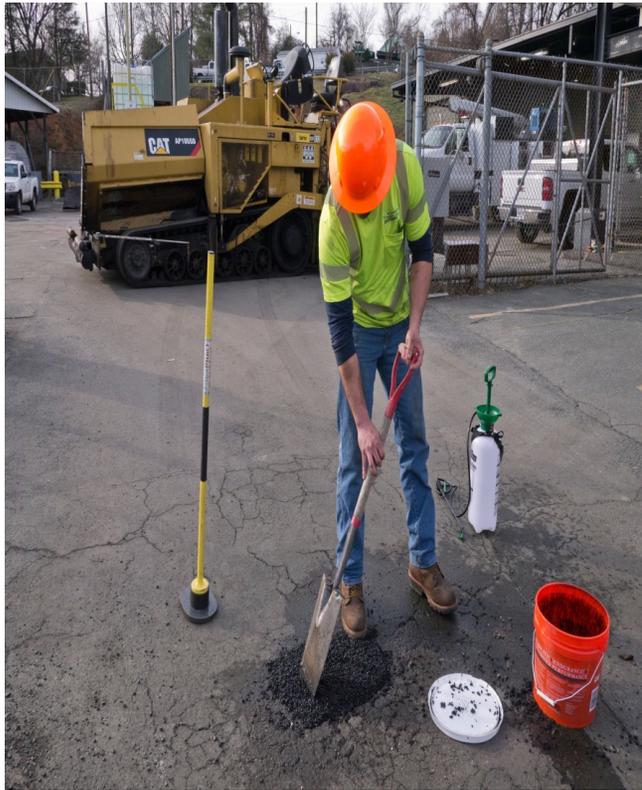


Repairing Asphalt in Wet and Cold Conditions

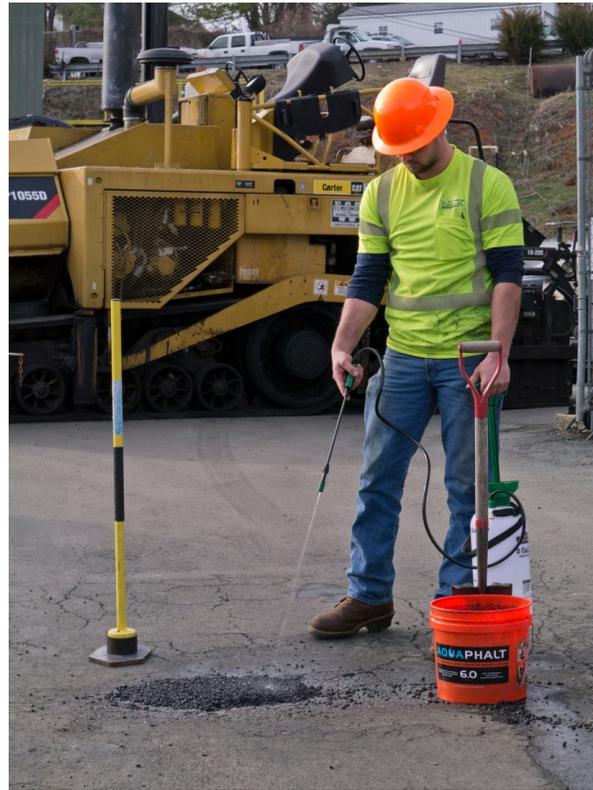


Presented by Annie Kelley

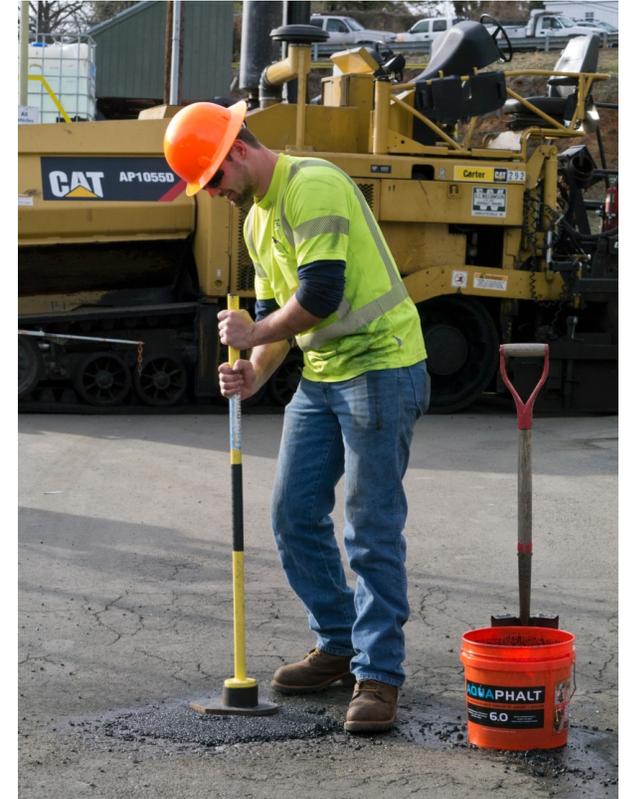
Water Activated Cold Patch Installation Steps



Pour



Water



Tamp

VDOT Case Study of Water Activated Cold Patch Installed in Below Freezing Temperatures



Failing Asphalt and Concrete



Remove Failing Material



Place and Water the Cold Patch. 23
Degrees the night it was installed



Compaction



Final Product



4 Year Follow Up Picture



Monitor-Merrimac Bridge Tunnel Installation

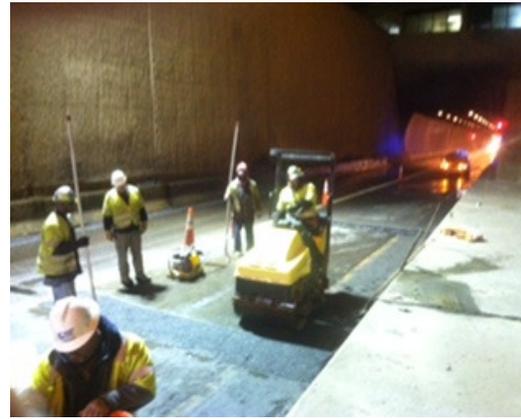
27' below sea level with water seeping in.



Water activated cold patch was placed, watered, and compacted.



Final compaction with a roller.



Open to traffic immediately after compaction.



“We repaired over 30 joints at the approaches of the MMBT in this manner. Regular hot mix would not have done the job in these wet and dirty conditions. These patches have been in place for over two years and have made me a believer.”

-Mark Range of Virginia Paving Company, a division of Lane Construction

Maine Department of Transportation

January 2017





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