

Feature Presentation

High Value Research Project Spotlight

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Bureau of Research, Innovation &
Information Transfer



HVR HIGH VALUE
RESEARCH

Region 1 - HVR Winner 2024

Advanced Reinforced Concrete Materials for
Transportation Infrastructure
New Jersey Department of Transportation

HVR

**HIGH VALUE
RESEARCH**

1



NJDOT received two awards during the AASHTO RAC 2024 annual meeting

Advanced Reinforced Concrete Materials for Transportation Infrastructure:

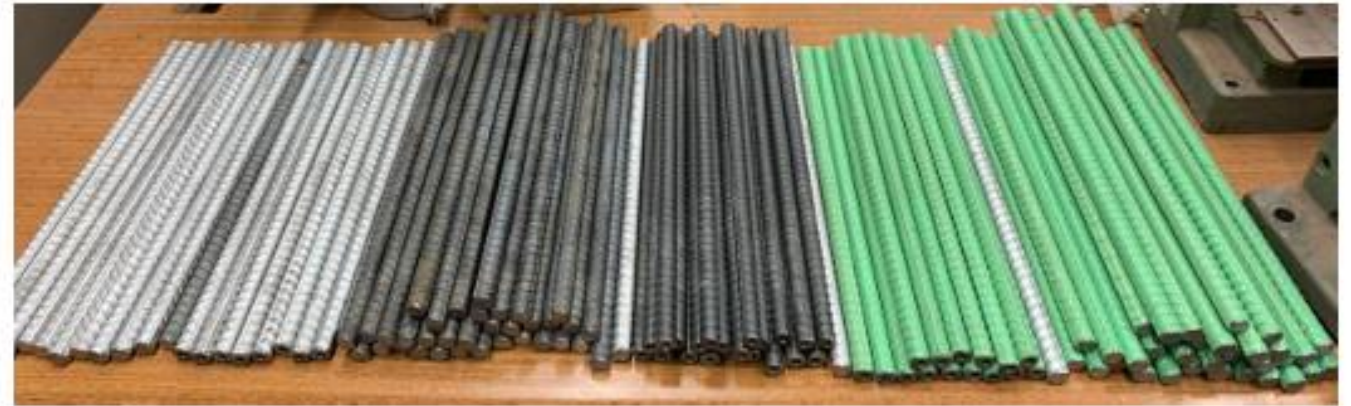
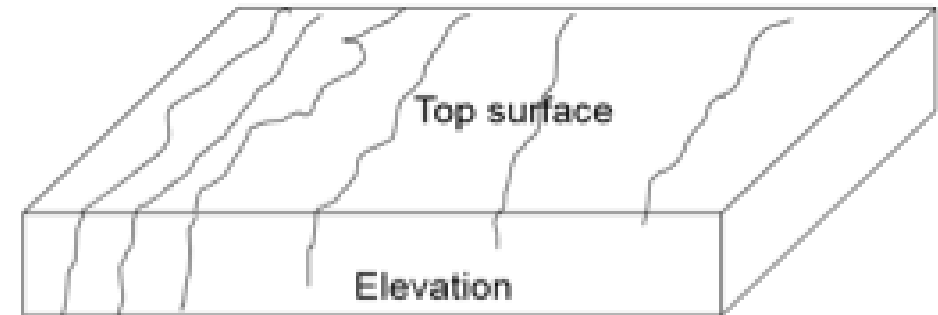
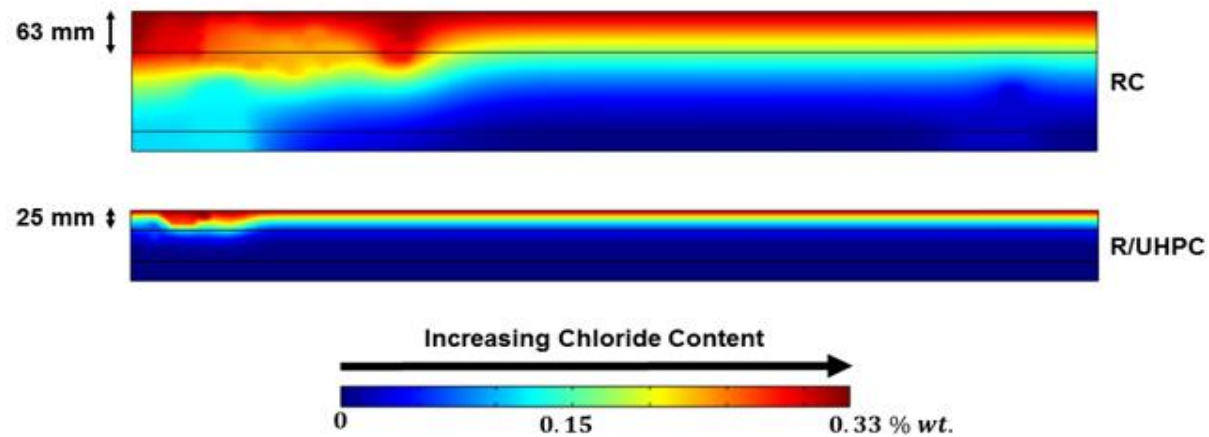


Figure 4. Galvanized, black, ChromX and epoxy-coated bars



2



Supplemental Categories – 2024

Maintenance, Management, and Prevention

*The American Association of State Highway and
Transportation Officials Recognizes*

New Jersey Department of Transportation

Innovative Pothole Repair Materials and Techniques

Jenni Hosey *Rebecca Ridenour*
JENNI HOSEY & REBECCA RIDENOUR

Co-Chairs, Value of Research Task Force

Cameron Kergaye
CAMERON KERGAYE

Chair, AASHTO SCR&I Research Advisory Committee

AASHTO
THE VOICE OF TRANSPORTATION

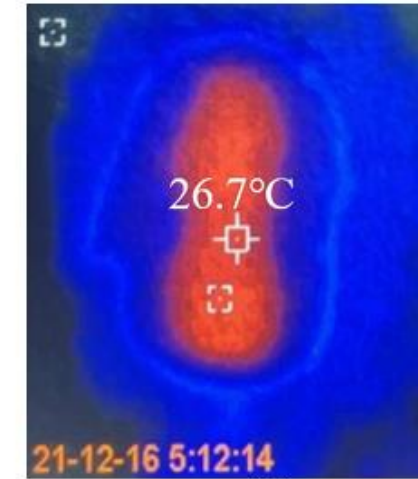
Innovative Pothole Repair Materials and Techniques:



Figure 44. Portable infrared heater



(a)



(b)

Figure 39. Temperature distribution, (a) Before heating, (b) After heating

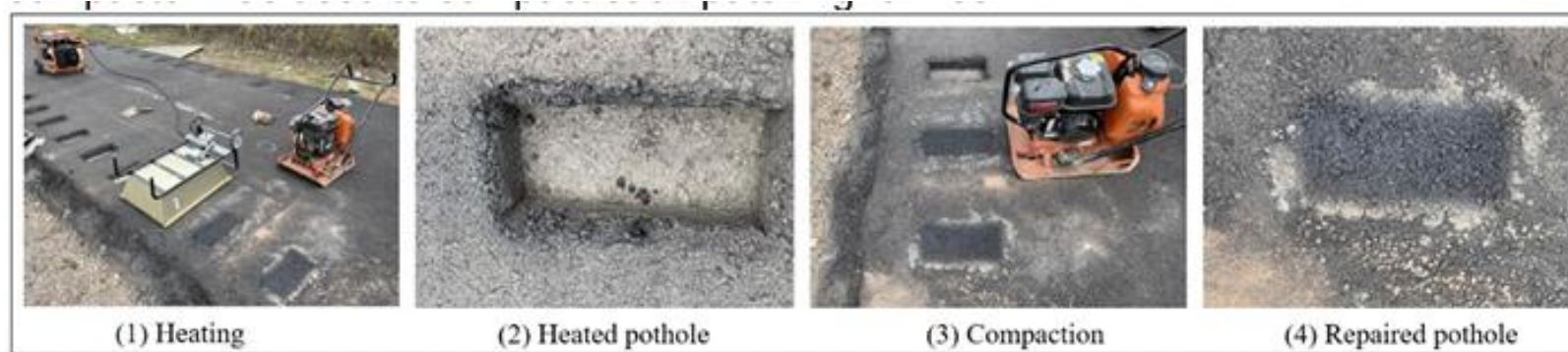


Figure 48. Pothole repair with infrared heating method