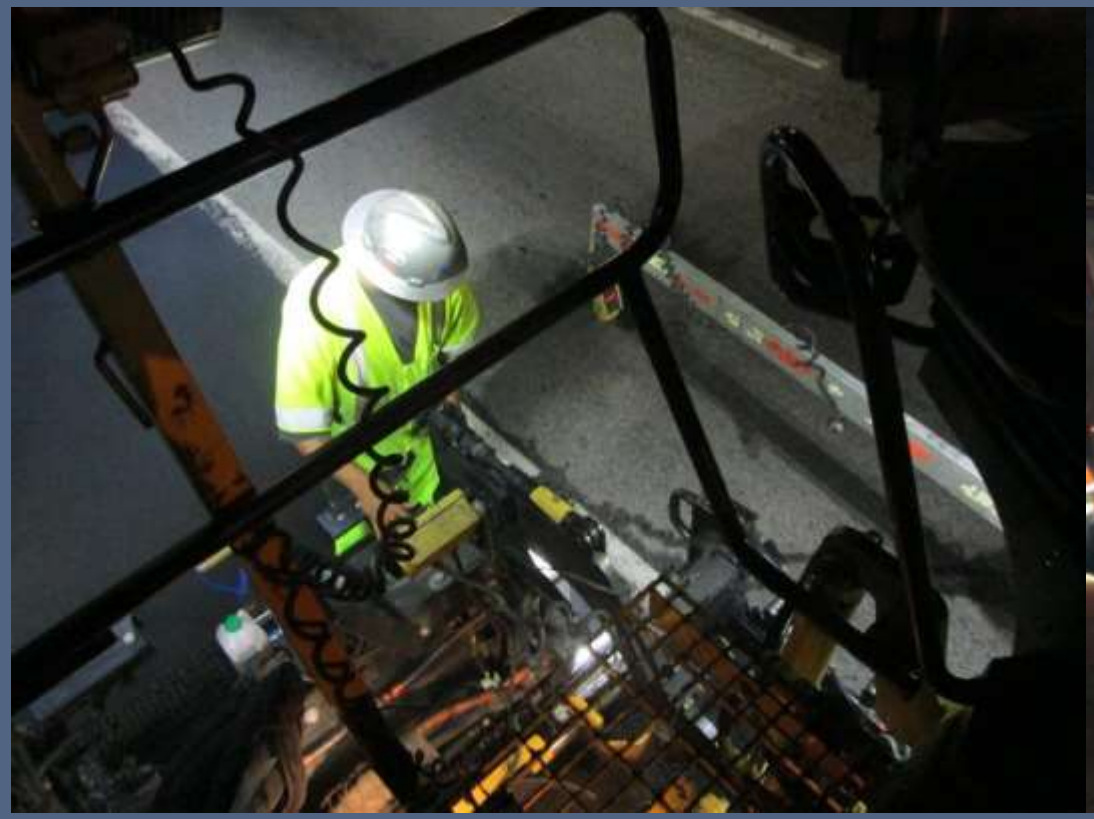
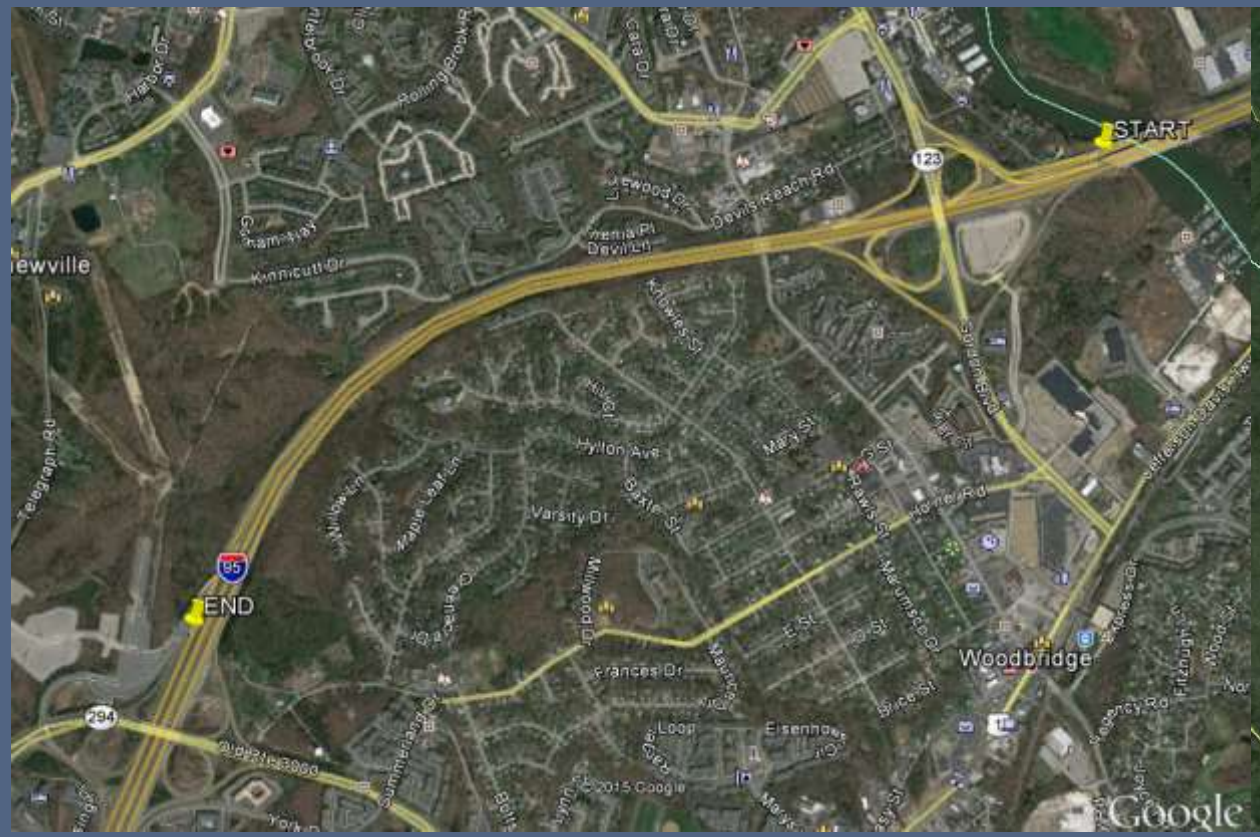
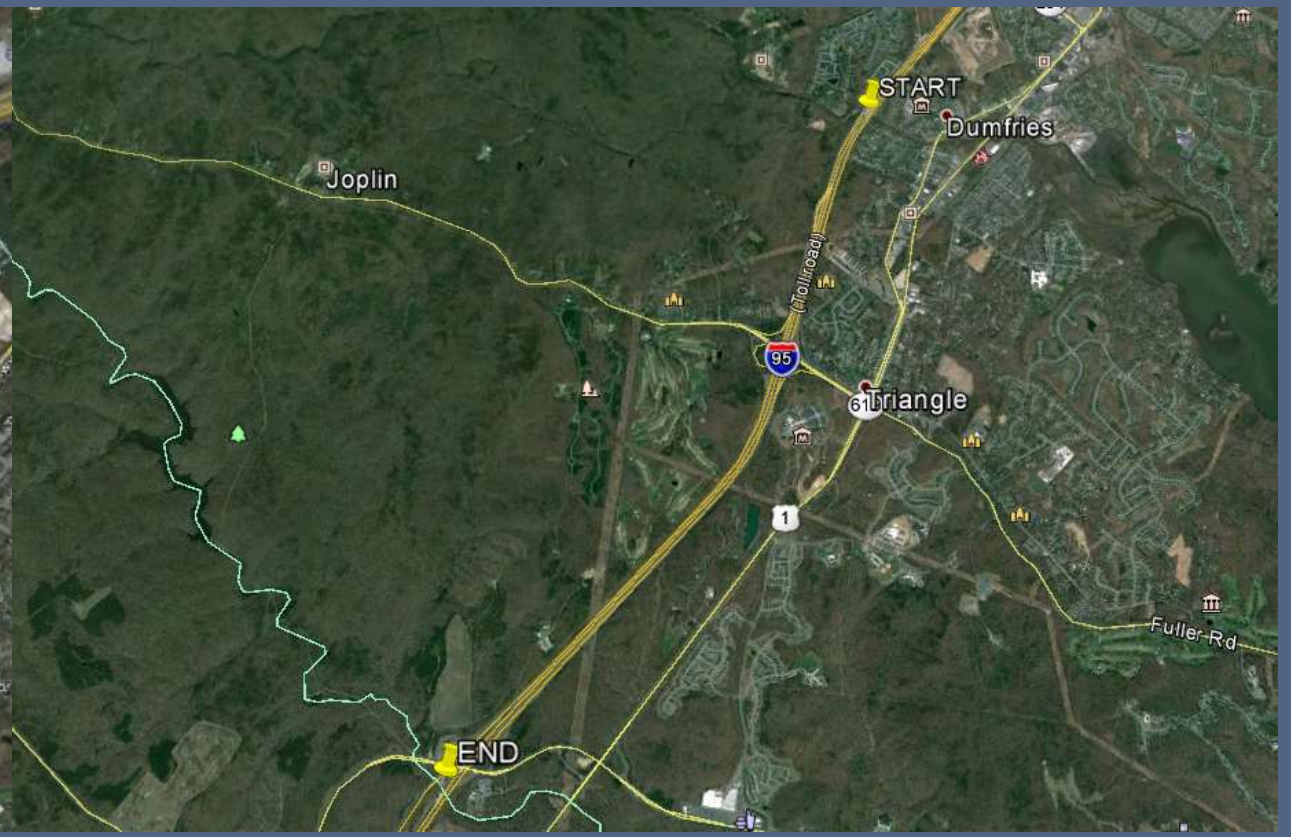
VDOT Hi-Polymer Asphalt – Industry Perspective

VIRGINIA PAVING COMPANY
Division of The Lane Construction Corporation



PM-9I-15 – Project Overview





Initial Plan of Attack

- **Mark joints prior to start**
- Mill joints concurrently with 2” full mill
- Square up edges with small mill
- Clean debris and tack heavily
- Patch back by hand
- Compact with roller

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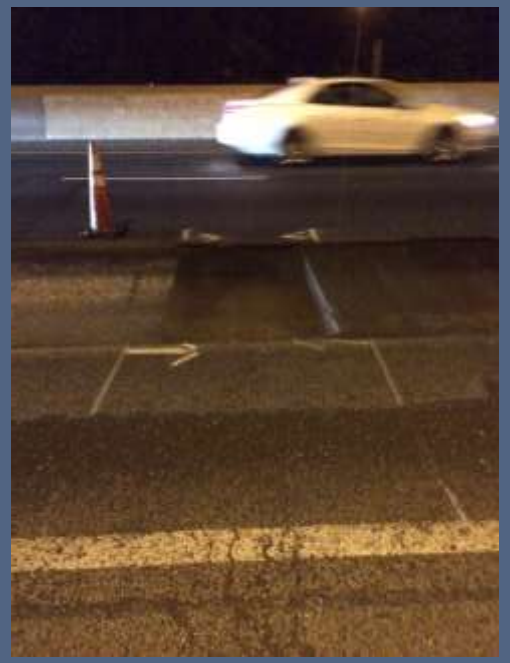

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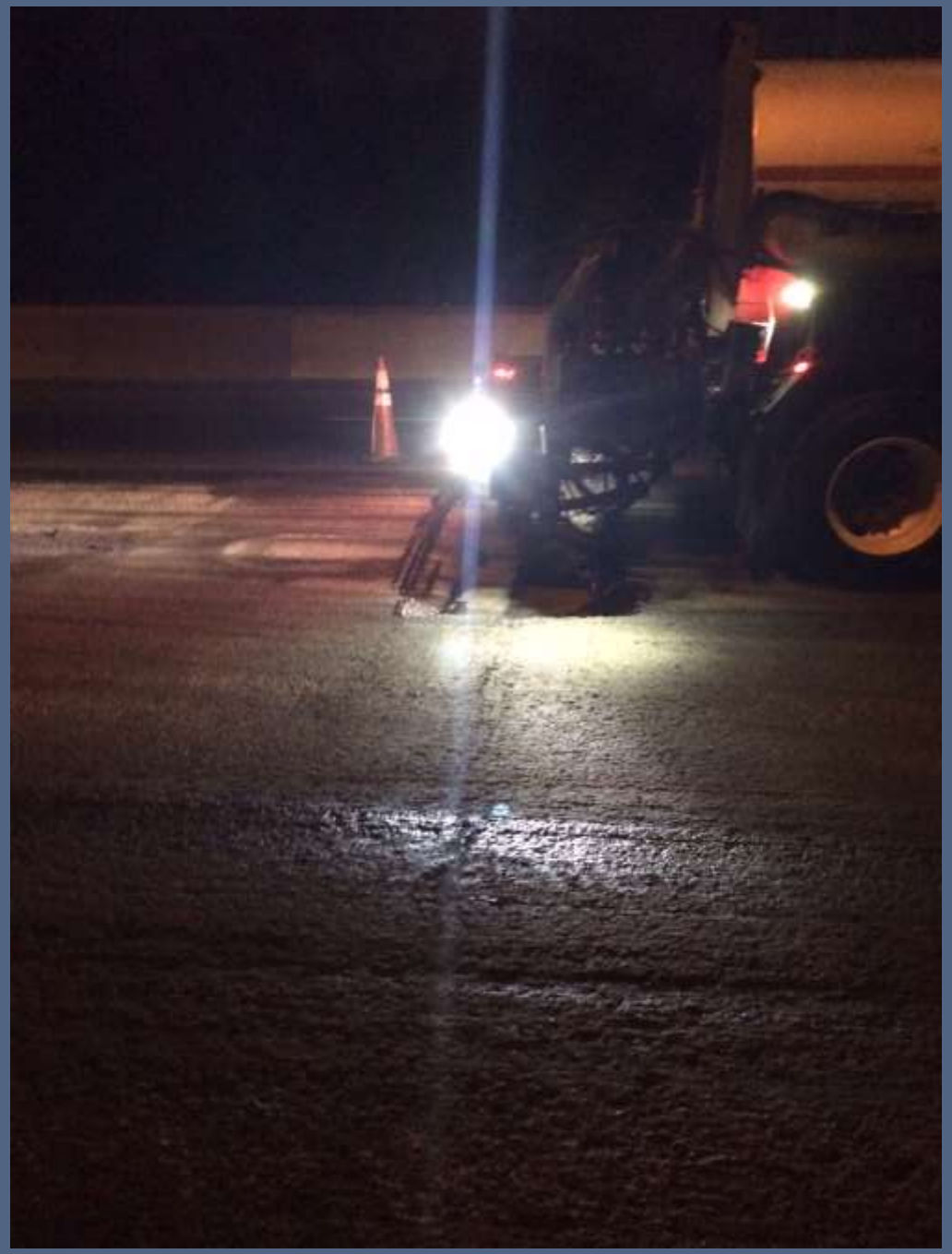

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AC Liquid Storage/Use

PG 64E-28

- More viscous
- Shelf-Life
- Increased coordination

I-95 SB @ Mine Rd

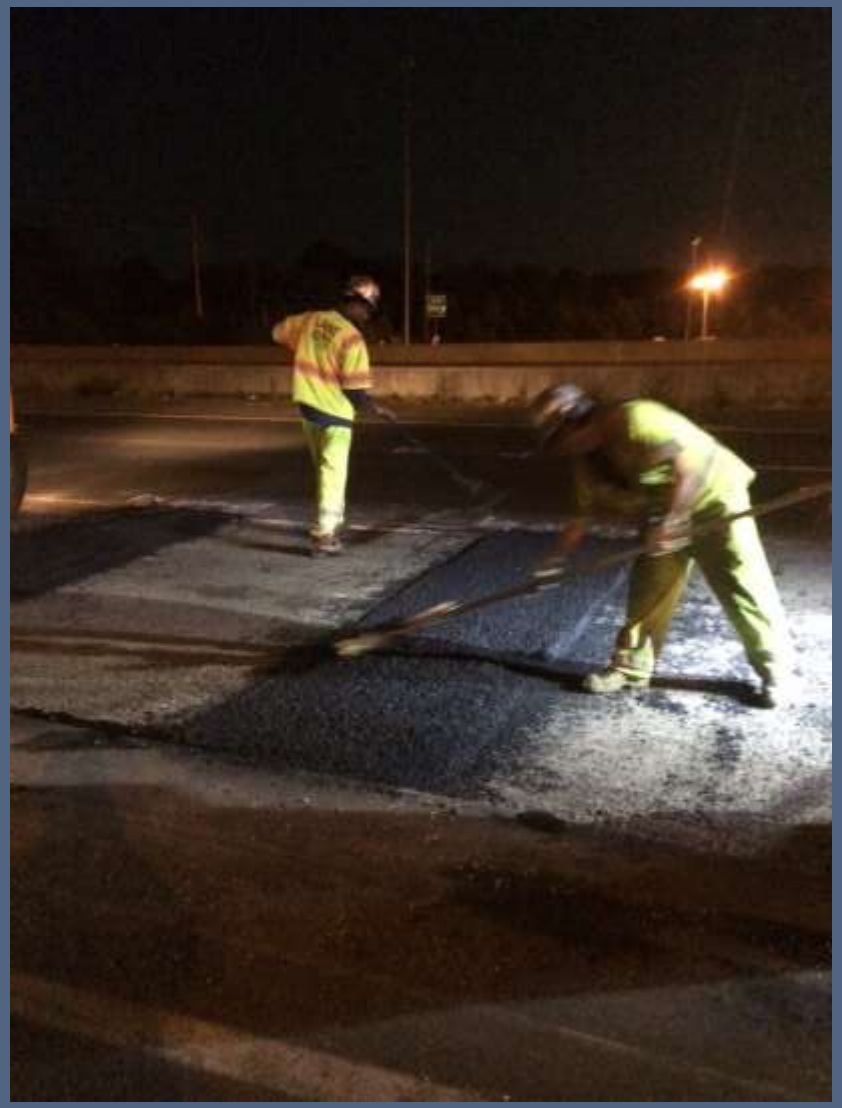
SM-12.5E (HP)

- Placement and compaction
- Workable
- Sets up quickly as it cools

I-95 SB @ Occoquan River

SM-9.0E (HP)

- More Workable than SM-12.5E (HP)
- Great for Joint Repair Patching
- Pace of Patching/Milling versus Paving



I-95 SB @ Occoquan River

SMA-9.5E (HP)

- Hard on equipment
- Very difficult to work by hand
- Shoulders/Ramps are a struggle

Lessons Learned

- Warm Mix Additives
- Temperature