



**All States
Materials Group[®]**

**MaineDOT FOG SEAL,
CONTRACTORS PERSPECTIVE**

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Project Scope

- Existing surface should be properly prepared and sound
 - 1.5 mile closure requirements
 - Crack seal and Fog Seal with cover agg requirements
 - Maintenance and Contractor traffic control
 - Applied .15 to .09 gal/SY dilute SS-1, GSB-88 & RS-1h
 - Applied ½-1 lb/SY Extra fine Black Beauty

Fog Seal aggregate for skid resistance



Fog seal candidate



Fog seal candidate



Fog seal candidate



Fog seal applied



Application issues



Calibrations



Application



Application





North Yarmouth Project



Finished Surface Texture



Traffic Control

- Radio limitations
- Need qualified flaggers
- Positive guidance through the work area
- Long closures need additional flaggers and or “follow me vehicle”
- Barrier in lane to keep traffic out
- Proper signage/guidance to reinforce traffic though long enclosure
- Positioned flagger at top of hills & corners with limited sight distance

Traffic Control



Traffic Control



Fort Kent- Wallagrass Project



North Yarmouth Project



Lessons learned

- Ability to absorb or penetrate the pavement
- Controlled access is ideal for managing access into the work area
- Curing in Shade
- Emulsion properties have to deliver reliable break/cure time
- Utilize high quality cover aggregate
- Robust Traffic Control Requirements
- Look to add rejuvenation to our product line
- Will only promote projects that incorporate skid control
- Future projects looking to use lower dilution rate



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