

# MaineDOT FOG SEAL, CONTRACTORS PERSPECTIVE

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Director of Marketing WWW.ASMG.COM 4-30-2015

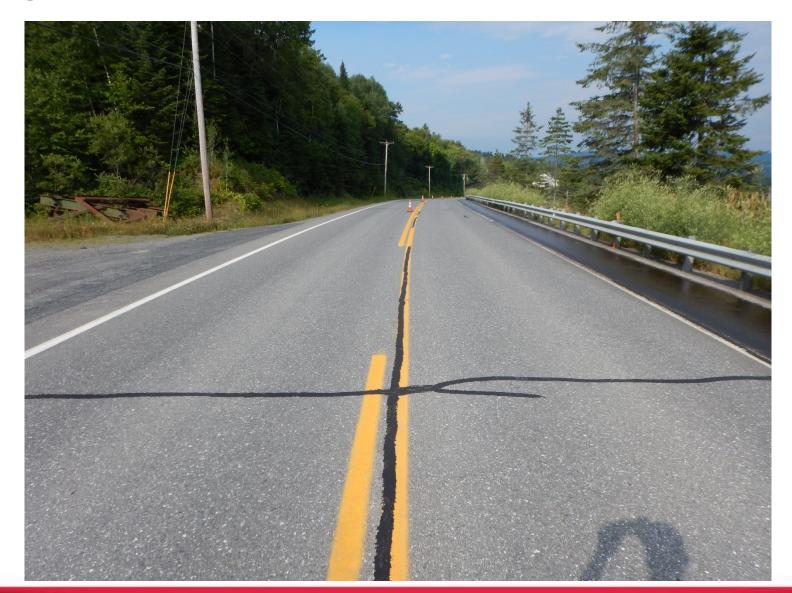
#### **Project Scope**

- 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**



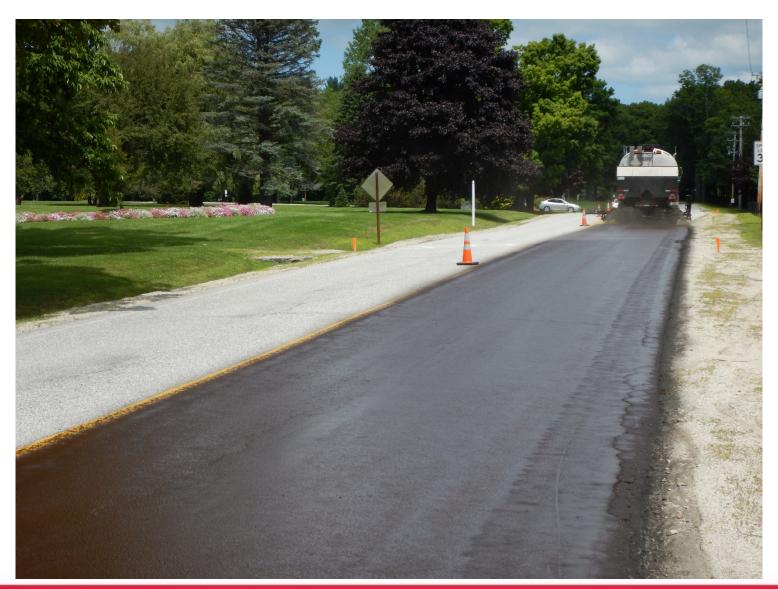
#### **Calibrations**



# **Application**

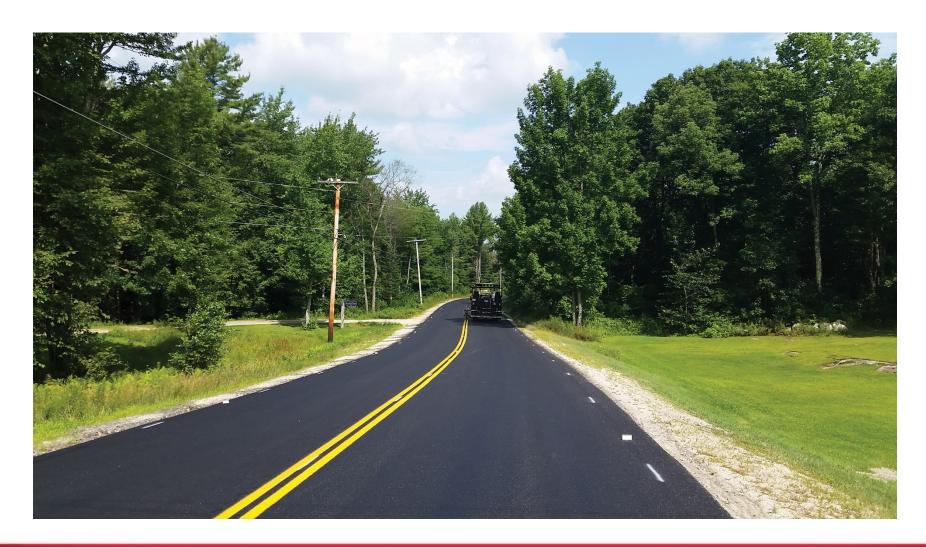


## **Application**





## **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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