



Asphalt Seminar 2020

# What Would You Do?

*A collaborative effort to everyday paving issues*



Life is Not  
Perfect...

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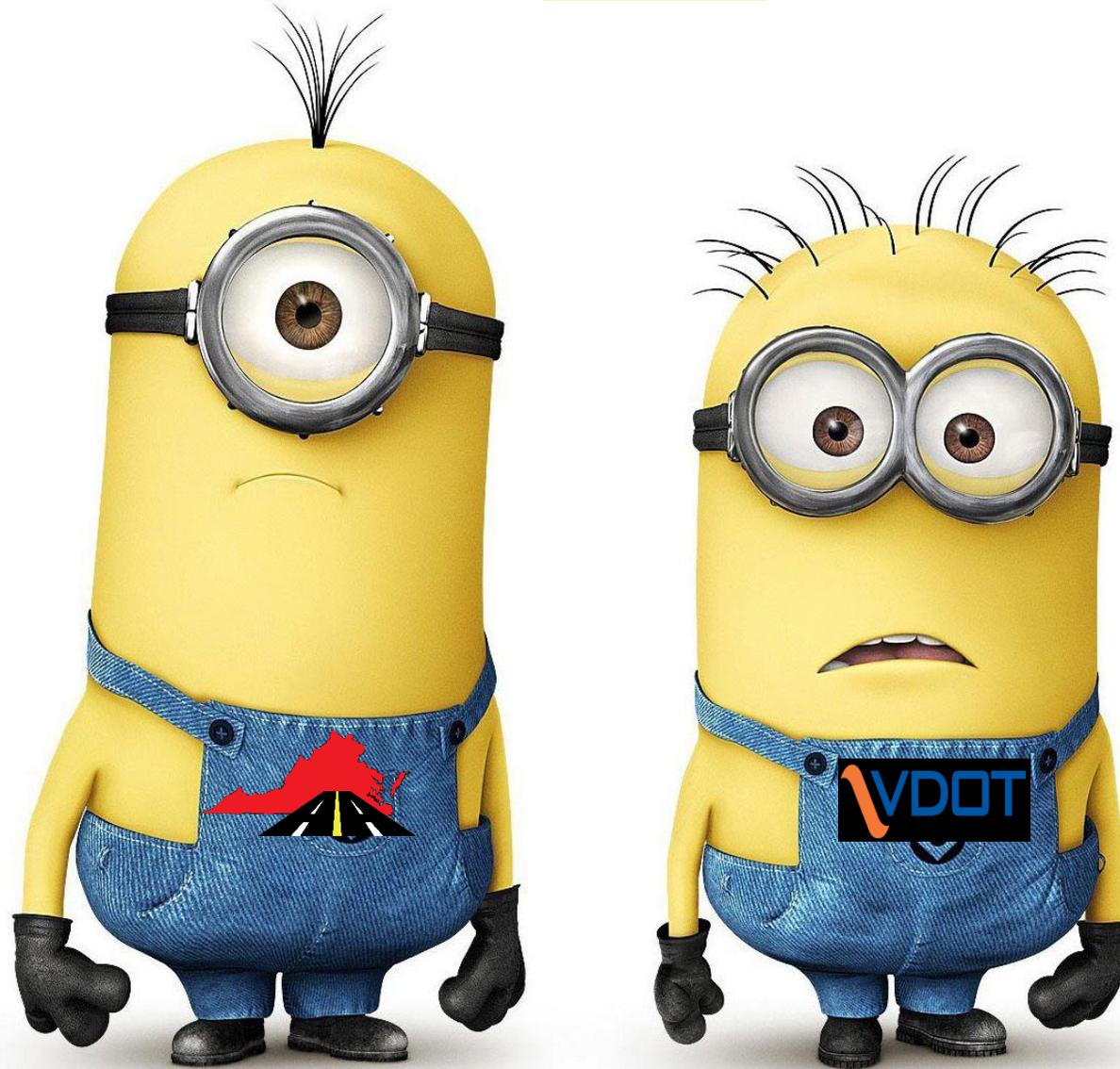




Construction is  
Not Perfect  
Either!...

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# What do we do now?



# Presentation Topics

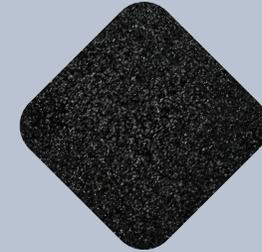
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**PRIOR TO PAVING**



**DURING PAVING**



**AFTER PAVING**



# Factors Prior to Paving Operations

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Condition



Scabbing



Pavement has been milled prior to paving.

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What would you do?



# Poll Question #1

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- A. *Contact the Engineer and suggest additional milling prior to the overlay.*
- B. *Stop the operation and perform an in-depth pavement evaluation.*
- C. *Contact the Engineer and suggest the use of patching in accordance with the provisions in the contract.*
- D. *Pretend nothing is wrong and proceed with the overlay.*





A review of the project finds these consistent distresses. You check and find that there is no existing underlying concrete pavement .

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What would you do?

# Poll Question #2

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- A. *Contact the Engineer and suggest additional milling prior to the overlay.*
- B. *Stop the operation and perform an in-depth pavement evaluation.*
- C. *Contact the Engineer and suggest deep patching by workorder.*
- D. *Pretend nothing is wrong and proceed with the overlay.*





Pavement has been milled prior to paving.

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What would you do?



**Good**

**Not so good**

# Poll Question #3

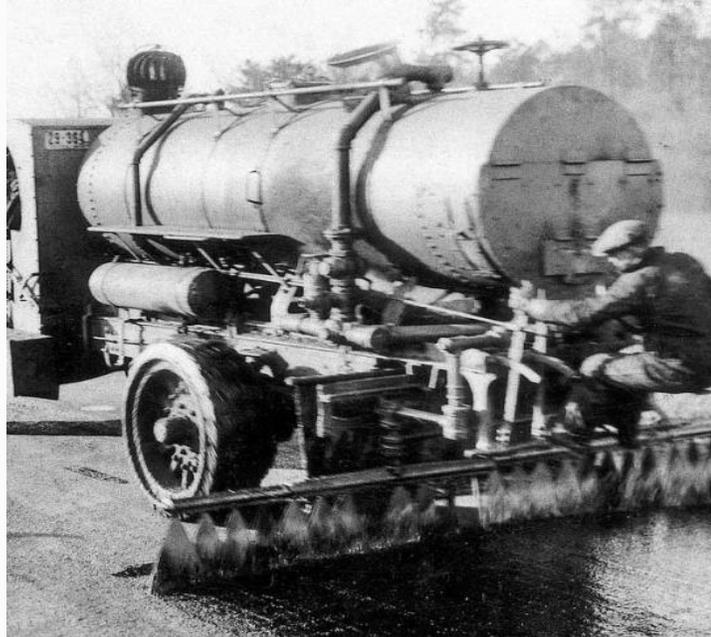
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- A. *Contact the Engineer and suggest additional milling on lane one prior to the overlay.*
- B. *Stop the operation and perform an in-depth pavement evaluation.*
- C. *Contact the Engineer and suggest the use of patching in accordance with the provisions in the contract.*
- D. *Pretend nothing is wrong and proceed with the overlay.*



# Factors During Paving Operations

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Tack Application



Longitudinal Joint



Tack has been applied at  $0.6 \text{ gal/yd}^2$

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What would you do?



# Poll Question #4

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- A. *Adjust the tack truck for the remainder of the operation.*
- B. *Stop the operation and re-shoot the section.*
- C. *Apply additional tack with the hand wand.*
- D. *Pretend nothing is wrong and proceed with the overlay.*





Longitudinal joint following the first pass of the paver.

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What would you do?



# Poll Question #5

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- A. *Bring in a milling machine to straighten the joint.*
- B. *Hold a training class on proper longitudinal joint construction.*
- C. *Apply a heavy tack at the joint and hope for the best.*
- D. *Pretend nothing is wrong and proceed with the overlay.*





# Factors After Paving Operation



**RIDE**



**RIDE**



**RIDE**





You notice bumps in a section of newly placed pavement.

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What would you do?

# Poll Question #6

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- A. *Bring in a milling machine to smooth out the bump(s).*
- B. *Check the paving operation for possible causes of the poor ride quality.*
- C. *Spread a fine mix in the depression to smooth it out.*
- D. *Pretend nothing is wrong and proceed with paving.*



# Questions

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