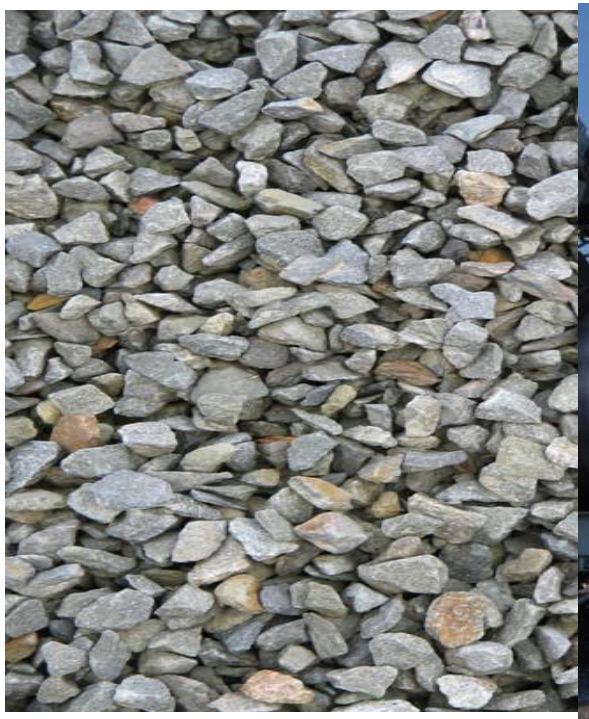
# PAPA REGIONAL
# District 9-0

## 2017



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# Changes for 2017

- PWT bituminous – 100% implementation
- 100% Warm Mix -WMA, (Well sorta…)
- Mandatory anti-strip for all mixes
- New tack coat statewide special provision
- Adjustment in ESAL ranges per Pub. 242
- Ultra-thin bonded wearing course
- Full depth reclamation

# PWT - District's direction for 2017

- District will be using on 100% of our 2017 projects (Except SMA courses)
  - Acceptance by certification is still applicable for small quantities.
- Will be utilizing local acceptance (PWT-HOLA) on all 100% state funded projects
- Will utilize PWT-LTS on federally funded/NHS projects (Samples sent to Harrisburg lab)

# So, how did 2016 go…

- 17 PWT projects (77% of long-line paving projects)
- 10 were advertised with PWT-HOLA spec. (59%)
- 7 were advertised with PWT-LTS spec. (41%)

# So, how did 2016 go…

- Average Bonus for all PWT lots was approximately 101.3%
- Overall, program was pretty successful

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# WMA - District's direction for 2017

- Statewide direction to bid *all WMA
- District will no longer utilize either/or bids
- Will see some HMA on certain paving items
  - *Some standard item numbers not available for in WMA version (SMA, Fine grade, Marshall's, etc...)

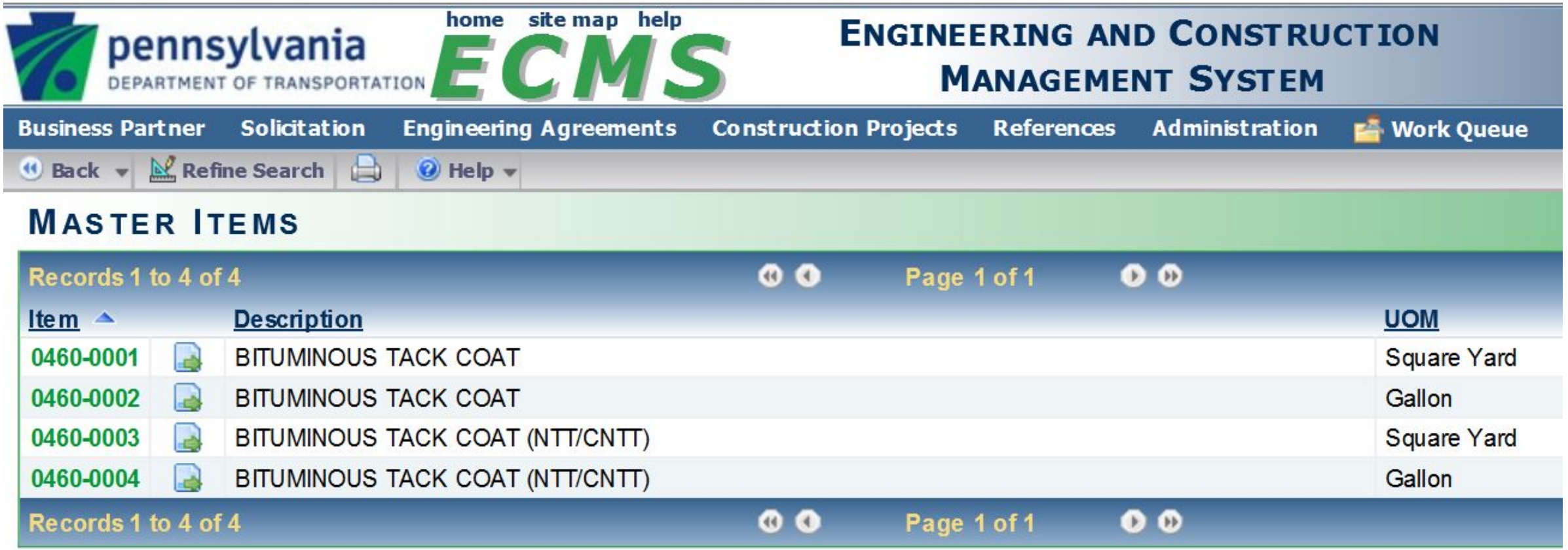
# Mandatory anti-strip for 2017

- Per SOL 481-16-06: ***ALL*** bituminous mixes will contain an anti-strip additive
- ***District will no longer utilize district special provision…***

# New tack coat special provision

- SOL 481-17-01, dated January 9, 2017
- Modifies the tack coat Sec. 460 to be a used
  - No more AE-T, replaces with “Tack”
  - Essentially provides for use of a SS/CSS1-h (E-8) and Non-Tracking Tack – 4 Item #’s
- ***District will no longer utilize district special provision after 2/16/17***

# New tack coat special provision

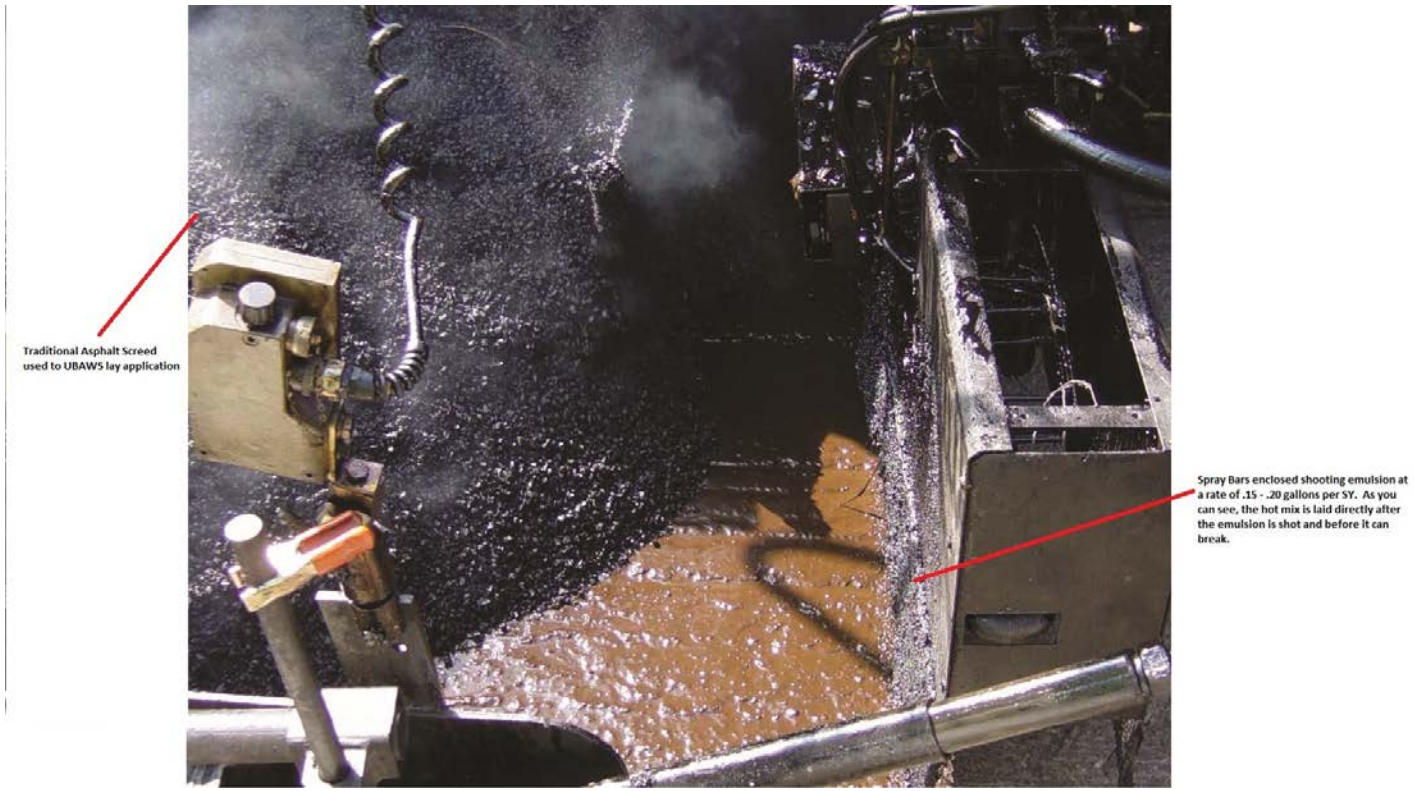


# Adjustment in ESAL ranges per Pub. 242

- District is utilizing recent ESAL adjustment language included in Pub. 242
- Gives options based on truck traffic/stopping condition, etc… to adjust gyration levels by one level lower.
  - ***Example: ESAL range is 3 < 10 million ESALS = 100 gyrations. Now have ability to lower to 75 gyrations = 0.3 < 3 ESAL design item #.***
- Gives option to lower base courses by one ESAL level when below 4”. If less than 25% of the base layer is within the 4”, the entire course is considered to below 4” for design purposes.
  - ***Example: ESAL range is 0.3 < 3 million ESALS = 75 gyrations. Now have ability to lower to 50 gyrations = < 0.3 ESAL design item #.***
  - So… will be seeing some base courses be at a different ESALS than upper paving courses…

# ULTRA-THIN BONDED WEARING COURSE

- District will be using Section 489—Ultra-Thin Bonded Wearing Course for first time this year



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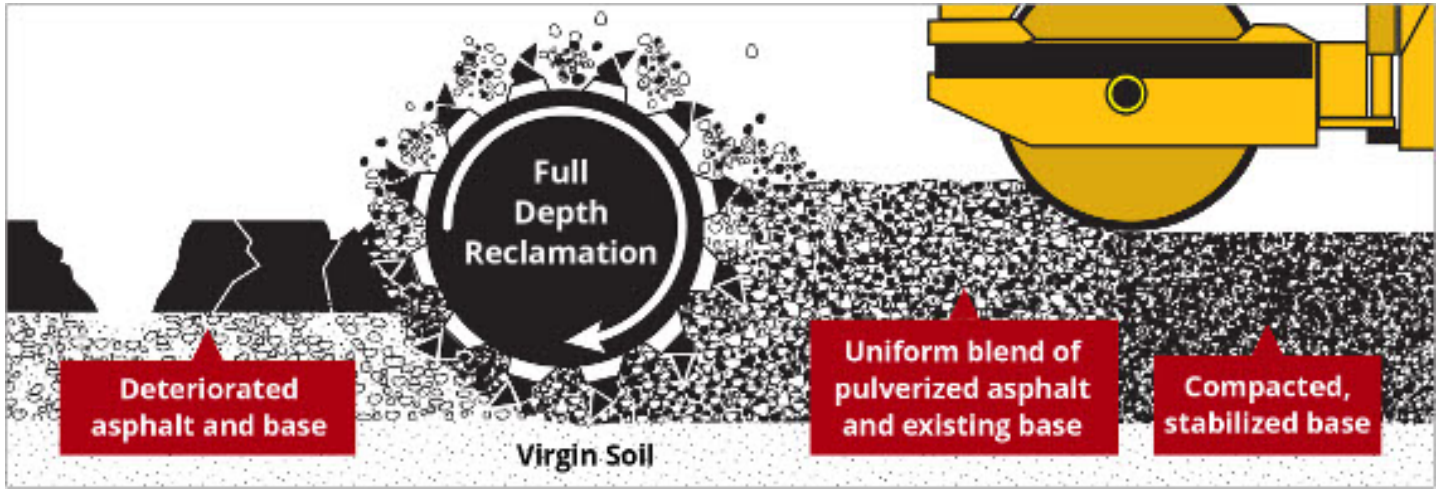
# Full Depth Reclamation with overlay

- District will be using Section 344—Full Depth Reclamation for first time this year
  - Will be overlaid with Binder and Wearing Courses

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# Questions

Kevin Gnegy: (814) 696-7190

Dennis Grube: (814) 934-5028

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