





























## TAKEAWAYS ✓ Calculate --G-- if using limestone or absorptive aggregates; ✓ Perform 'water run' once in the morning to document machine and operator are functioning; ✓ Have a sheet to track ending pressure steps; ✓ Mallet is more consistent than Stinger;

## TAKEAWAYS

- ✓ SAM is a *dynamic response* test that gives you 4 important indicators :
  - An idea of how the mix will respond to energy (how it visually responds during consolidation);
  - □ Total Air (Aa-G=As%);
  - □ Indication of the overall quality of the air void system (Coarse or Fine via SAM #), and can recognize changes to the mix that are occurring in the field, making it a great->> QA/QC Tool;
  - Unit Weight:
- ✓ And it gives you these things quickly.



## FINER POINTS...

- √ <1.25" SLUMP most difficult to run. MUST deliver sufficient energy by mallet strike or test will not run. (Recommend: hit, push button to start countdown, hit 3 more times.)
- ✓ Final Clean Meticulously just a little sand on the rim may error out the test
- ✓ DO NOT put the machine away wet or have any wet rags in case — it will shipwreck the gauge for the next day.





## **THANKS KATE!!**

THANKS Jon, Todd, Eric, Zac, Bill, Mark, Rob, Dean!!!

Special THANKS: JH, MS, SJM, CW, JR and HL without whom this data would not have been collected or created for you.





