COMPACTION RISK MANAGEMENT
A QC Tech Perspective

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Job Start-up

- Meet with Superintendents
  - What’s the plan

- Meet with Roller Operators
  - Any “special considerations”
  - Pass vs. Coverage
Mix on Grade

- $T^\circ$ ?
- Mix ?
Control Strip

- 5–10 loads in – Tandem Breakdown if needed

- Unconfined edges can be a problem
Get some numbers

Breakdown – Tandem

6–8 passes – 91.5 – 92.5%
Catch up with paver

- Intermediate (160° ± surface)
  - Still some “Life”
  - Get additional 1–2%
  - Prefer not to vib after breakdown

- Finish taking lines out
Talking with CAT I & CAT II

- Mix Results
- Compare voids to grade density
- Need to cut core
Do Lots of Checks

- Make sure compaction average behind all roller stay consistent.
- If good let it go as is.
Important Factors

- Mix Temperature
- Paver Speed
- Trucking Consistency
- Weather Conditions
Once everybody is on track and cruising (3/4 through the night)

- *Drop back to get subplot numbers*
Be honest – share any problems
Work together to get a quality product