

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° ?

▶ Mix ?

Control Strip

- ▶ 5–10 loads in –

Tandem Breakdown if needed

- ▶ Unconfined edges can be a problem

Catch up with Paver

- ▶ Get some numbers


- ▶ Breakdown – Tandem

6–8 passes – 91.5 – 92.5%

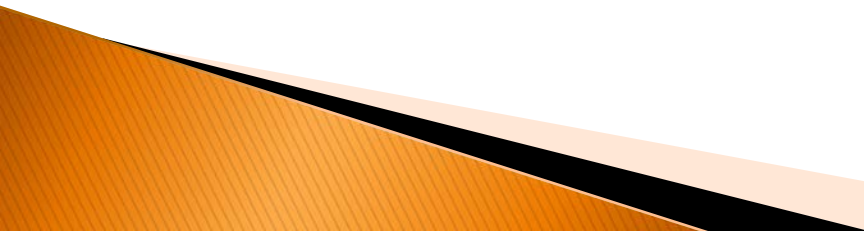
Catch up with paver

- ▶ Intermediate ($160^{\circ} \pm$ 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
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Do Lots of Checks

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

- ▶ Mix Temperature
 - ▶ Paver Speed
 - ▶ Trucking Consistency
 - ▶ Weather Conditions
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Important Factors

- ▶ Once everybody is on track and cruising (3 / 4 through the night)
 - *Drop back to get subplot numbers*

QA/QC Interaction

- ▶ Be honest – share any problems
- ▶ Work together to get a quality product