

COMPACTION RISK MANAGEMENT

A Contractors Perspective

Ron Depue
Roy L Houck Construction


Are the Numbers Good ?

Where to Start ?

Plans and JMF

- ▶ Review Typical Sections
 - ▶ Review Mix Design
 - ▶ Mix Level & Type, Thickness
- 

Talk to Project Manager about site

- ▶ Risk Areas
 - ▶ Grade Breaks
 - ▶ Slope
- 

Start of Production

- ▶ RICE within 0.020 of JMF
- ▶ Segregation

Control Strip Data

- ▶ Pass / Fail
- ▶ Variation between shots

Voids Testing Data

- ▶ Verify Compaction is 1.5X's Voids
- ▶ Oil Content vs. JMF

Checking Gauge

- ▶ Standard Count
- ▶ Calibration per ODOT
- ▶ Asphalt Mode

Does The Data Make Sense

- ▶ Voids
 - ▶ AC Content
 - ▶ Compaction
- 