

Global Summary of Concrete Pavement Surface Characteristics



beton
wegendag

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THE TRANSTEC GROUP
The World's Premier Pavement Engineers & Scientists

Noise Intensity Testing in Europe: NITE II

- Sponsored by National CP Technology Center
- Concrete Pavement Construction Techniques
- "Rodeo" US and European Measurement Techniques
- October 2007
- Austria, Belgium, The Netherlands, Germany
- 68 Unique Test Sections
 - 16 Exposed Aggregate Concrete (6 AT, 3 BE, 1 NL, 6 GE)
 - 2 Porous Concrete (1 BE, 1 NL)
 - 1 Grinding (GE)
 - 2 Drag (GE)
 - Asphalt, chip seal (mostly at IPG test track)
- 20 km of Test Section Length
- OBSI for Tire-Pavement Noise, RoboTex for Texture

Austria

"A how-to guide for buying off an Austrian Customs Officer."



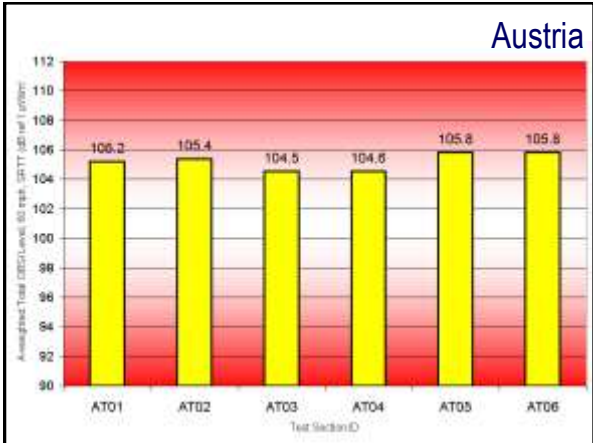

TSA Directive:
Taze first,
ask questions
later.



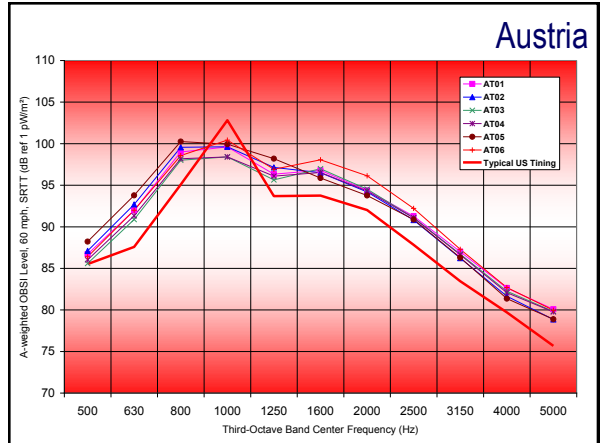
Austria



Austria



Austria



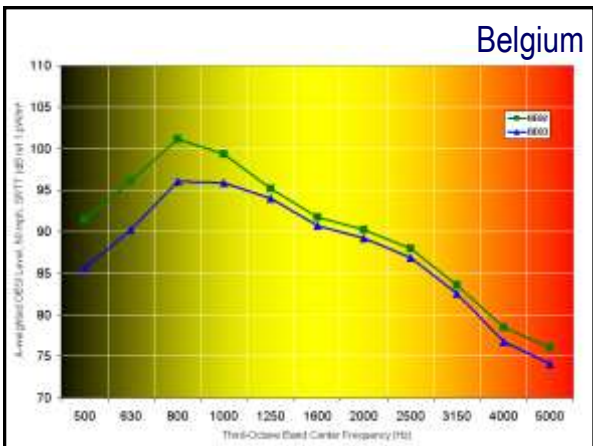
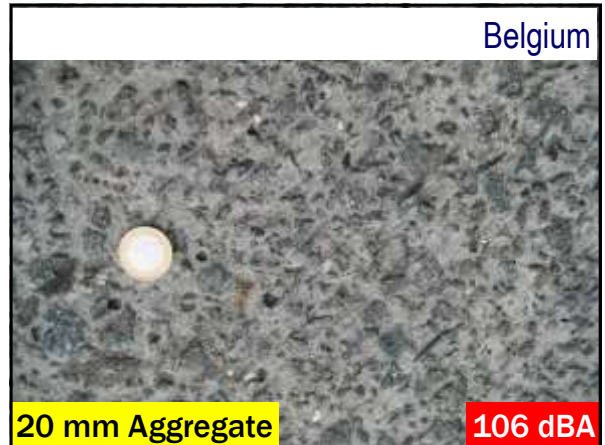
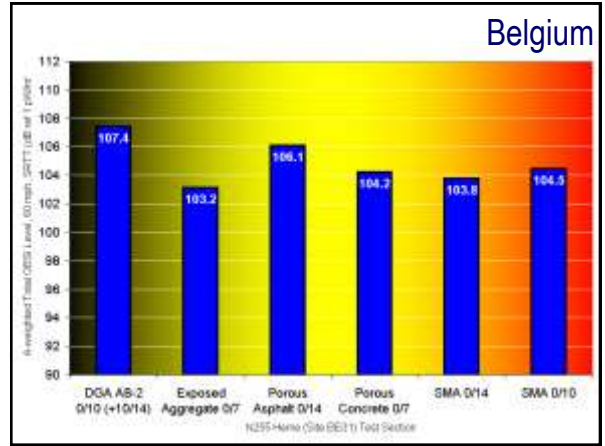
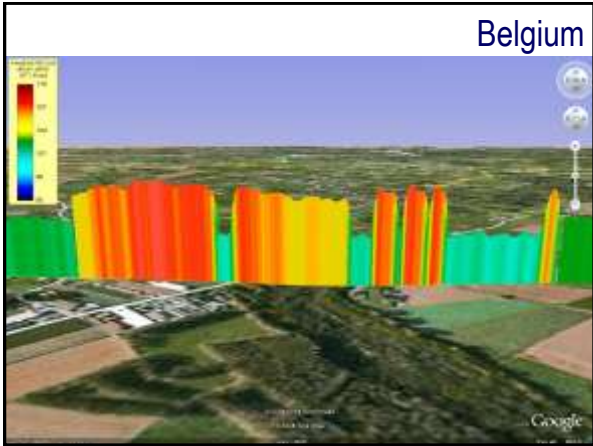
Austria

Belgium

“Was that sign in French or Flemish?”



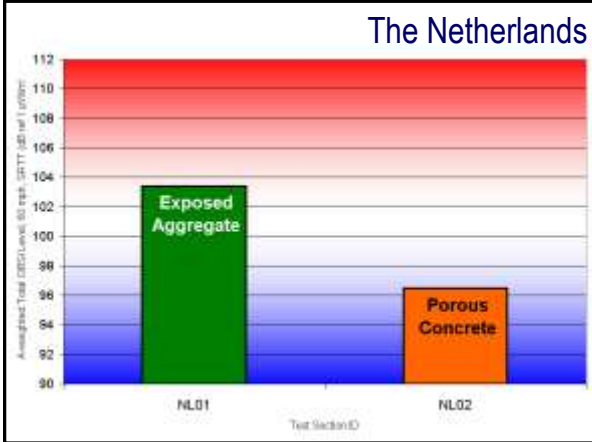
Belgium



The Netherlands

“Amsterdam, Rotterdam, and some dam quiet pavements.”

The Netherlands



The Netherlands



96 dBA

The Netherlands



The Netherlands



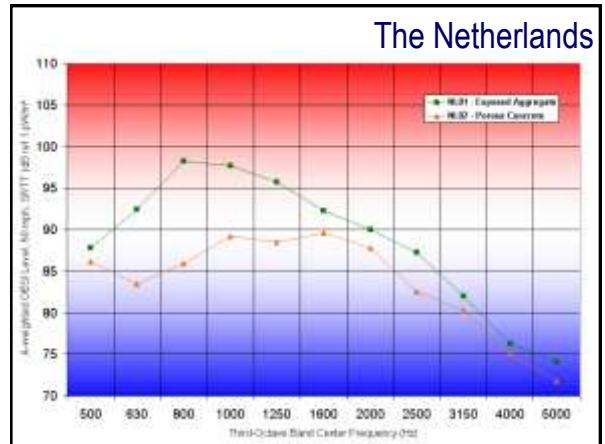
October 2013

The Netherlands



October 2013

The Netherlands



Germany

“Bier, Bitte”

German Practice

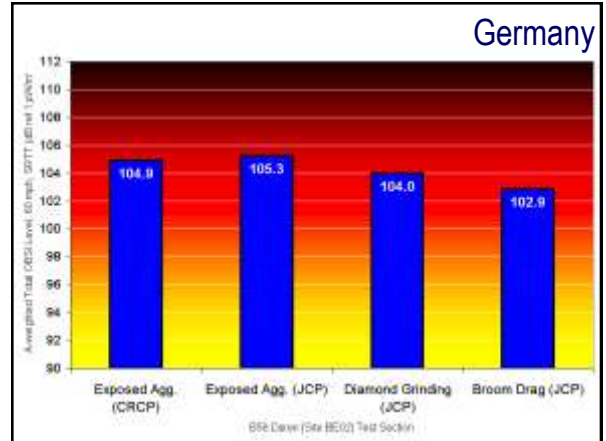


U.S. “Half-Ass” Practice

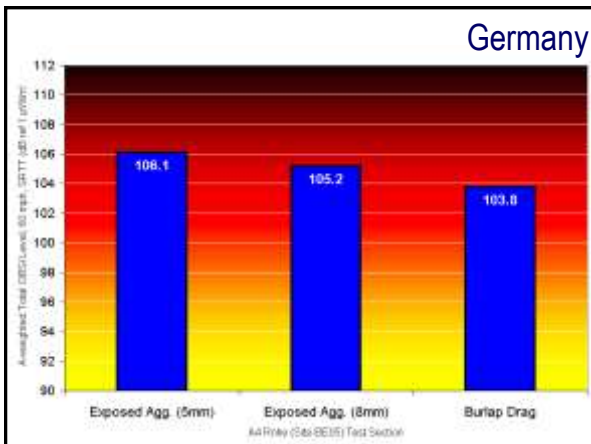
Germany



Germany



Germany



Back in the U.S.A.

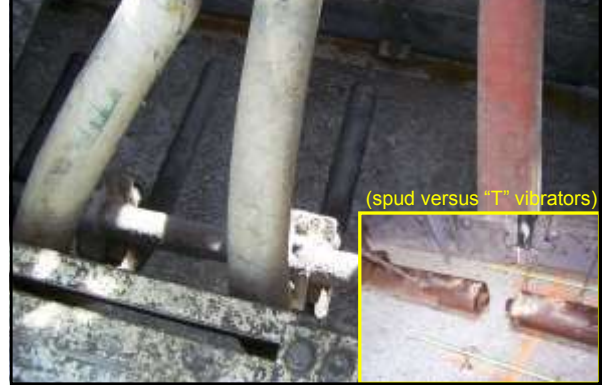
Let's Build one like they do in Europe

... why not in Kansas?

Kansas – Placing



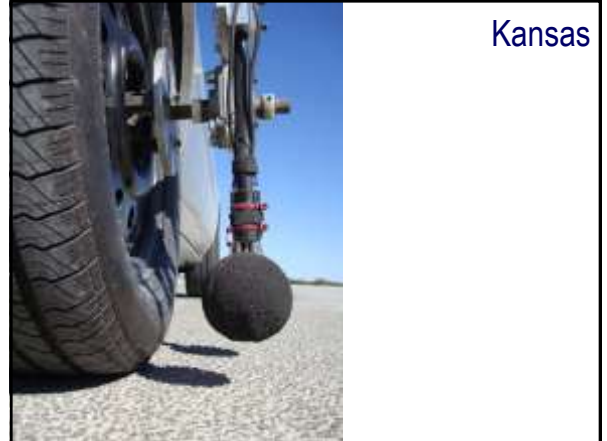
Kansas – Vibrators



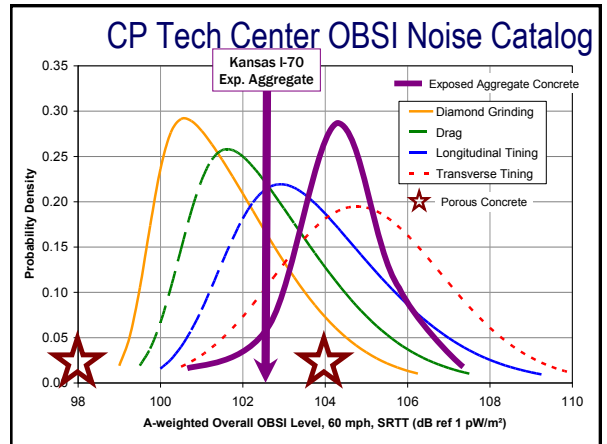
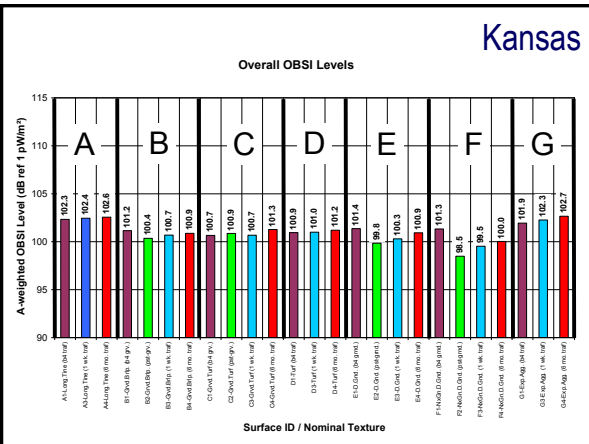
Kansas – Sweeping



Kansas



Kansas



Dank u!