NCAT Pavement Test Track

Preview of 2015 Track Findings

2015 Track Research Focus
- Safe, sustainable, & cost effective pavements
- Optimizing the use of both RAP & RAS
- Cold recycle (CR) construction & performance
- Durability of surplus sand thinlays
- Improved longitudinal joint performance
- Asphalt mix cracking performance test (CG)
- Pavement preservation (PG)

Cold Recycle Base Sections

Cold Recycle Base Sections

Thin Surfaces
- Micro Mill/Inlay with Oklahoma OGFSC
- Surplus stockpile thinlays (up to 1¼”)
- Epoxy surfaces with bauxite vs local
- Enhanced friction thinlays, micro, chip seal.
Reflective Crack Prevention

Longitudinal Joint Performance

Higher RAP and Polymer Binders

Cracking Group (CG) Experiment

Southern Cracking Group (CG)
- N1 - 20% RAP Ctrl
- N2 - High Dens Ctrl
- N5 - Low AC & Dens Ctrl
- N8 - Ctrl + 5% RAS
- S5 - 35% RAP w/ S8-28
- S6 - Ctrl w/ HiMA
- S13 - 15% RAP AZ GTR.
Southern Cracking Group (CG)

Northern Cracking Group (CG)

Northern Cracking Group (CG)

Northern OGFC on Low Volume Loop

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