

## **International Journal of Pavement Research and Technology**

Volume 8 / Number 5

STPTEMBER 2015

## **Editor's Corner**

IV Summary Report: IJPRT 2014

Wei-Hsing Huang and Shin-Che Huang

## **Technical Papers**

- 295 Development of Equipment and Protocols to Test Laboratory or Field Applied Chip Seals on Compacted Asphalt Concrete Isaac L. Howard, Alejandro Alvarado, and Webster C. Floyd
- 305 Development of Rut Prediction Models from an Instrumented In-Service Test Section on Interstate-35
  Nur Hossain, Dharamveer Singh, and Musharraf Zaman
- 315 Electrically Conductive Mortar Characterization for Self-Heating Airfield Concrete Pavement Mix Design

  Kasthurirangan Gopalakrishnan, Halil Ceylan, Sunghwan Kim, Shuo Yang, and Hesham Abdualla
- Application of Fuzzy Logic Based Risk Analysis to Identify the Moisture Damage Potential in Flexible Road Pavements

  Mohammad N. U. Mia, Theunis F. P. Henning, Seosamh B. Costello, and Glenn Foster
- Evaluation of Multiple Stress Creep and Recovery (MSCR) Data for Arizona Ryan Stevens, Jeff Stempihar, B. Shane Underwood, and Dharminder (Paul) Pal
- 346 Seasonal Analysis of Flexible Pavement Response to Falling Weight Deflectometer Mohammad Hossein Shafiee, Leila Hashemian, and Alireza Bayat
- 353 Local Calibration of a Permanent Deformation Model for Asphalt Pavements Using Long-term Field Data *Qiang Li, Xiang Ma, and Guofen Li*
- Do Regular- and Nano-sized Hydrated Lime Have Different Mechanisms in Asphalt? Aboelkasim Diab, M. Yousef Mohassab-Ahmed, Keith Prisbrey, Qingli Dai, Zhanping You, and Amr M. Wahaballa
- 370 Rheological and Fatigue Properties of Epoxy Asphalt Binder *Peiliang Cong, Ning Liu, Hongming Shang, and Hua Zhao*
- Asphalt Stiffness Reduction and Stress-Strain Calculation in Pavement Structures Pabitra Rajbongshi and Gobin Engleng