











- [2] H. Wang, "Analysis of surface crack propagation and fatigue life of granular base asphalt pavement," *Journal of Nanjing Forestry University (Natural Science Edition)*, vol. 34, no. 2, pp. 111-114, 2010.
- [3] P. Wei, "Study on water stability of OGFC asphalt mixes[J]," *Highway Engineering*, vol. 38(3), pp. 15-17, 2013.
- [4] B. Xu, "The Theory and Practice of Porous Asphalts," [M]. China Communications Press. vol. 6, pp. 7-10, 2011.
- [5] J. Pei, "Void spatial information acquisition method of draining asphalt pavement," *Journal of Chang'an University (Natural Science Edition)*, vol. 30, no. 1, pp. 6-11, 2010.
- [6] H. Wang, "Distribution properties of internal air voids in asphalt mixtures," *Journal of Traffic and Transportation Engineering*, vol. 9, no. 1, pp. 6-11, 2009.
- [7] H. Xu, F. Ni, and Q. Liu, "Research hydraulic conductivity of porous asphalt mixture," *China Journal of Highway and Transport*, vol. 17, no. 3, pp. 1-5, 2004.
- [8] Y. Zhu, "Research on Drainage Performance and Design of Drainage Structure on the Porous Asphalt Pavement," *Southeast University: School of Transportation Southeast University*, pp. 6-31, 2004.
- [9] F. Zhang, "Techniques of permeability testing for porous asphalt pavement mixture," *Journal of Southeast University (Natural Science Edition)*, vol. 40, no. 6, pp. 1288-1292, 2010.
- [10] X. Ma, "Test and Analysis on Permeability of Porous Asphalt Mixture," *Journal of Building Materials*, vol. 12, no. 2, pp. 168-172, 2009.
- [11] M. O. Hamzah, and Hardiman, "Characterization of the Clogging Behaviour of Double Layer Porous Asphalt," *Journal of the Eastern Asian Society for Transportation Studies*, pp. 968-980, 2005.
- [12] "Double Layer Porous Asphalt in the Netherlands and Field Monitoring in Belgium," The School of Civil Engineering University. Meor Othman on the Eastern Asia Society for Transportation Studies, vol. 6, 2007.
- [13] T. R. Elvik, and P. Greibe, "Road safety effects of porous asphalt: A systematic review of evaluation studies," *Accident Analysis and Prevention*, vol. 37, no. 3, pp. 515-522, 2005.
- [14] O. Kurihara, "Experimental study on the clogging of voids of porous asphalt," Shibaura Institute of Technology Campus Tokyo's: Technical Workshop 35th Kanto Branch Society of Civil Engineers, 2008.
- [15] J. Yi, "Criterion of Air Voids Based on Permeability Characteristic of Asphalt," *Journal of Highway and Transportation Research and Development*, vol. 26, no. 9, pp. 17-19, 2009.
- [16] X. Kong, "Advanced Seepage mechanics," Press of University of Science and Technology of China, China, pp. 12-41, 2010.

---

Received: February 03, 2015

Revised: April 03, 2015

Accepted: May 25, 2015

© Wang *et al.*; Licensee Bentham Open.

This is an open access article licensed under the terms of the (<https://creativecommons.org/licenses/by/4.0/legalcode>), which permits unrestricted, non-commercial use, distribution and reproduction in any medium, provided the work is properly cited.

RETRACTED ARTICLE