

REFERENCES

- AASHTO. 1976. *Task Force For Pavement Design Of The AASHTO Operating Subcommittee On Design*. Guidelines For Skid Resistant Pavement Design. American Association Of State Highway And Transportation Officials. Washington, D.C. [Accessed: 01 August 2017]. Available From: <Http://www.pavementinteractive.org/Skid-Resistance/>
- Arhin, S.A., Williams, L.N., Ribbiso, A., Anderson, M.F. 2015. *Predicting Pavement Condition Index Using International Roughness Index in A Dense Urban Area*. Journal Of Civil Engineering Research. [Online]. 5(1), Pp.10-17. [Accessed 01 March 2017]. Available From: <http://article.sapub.org/10.5923.j.jce.20150501.02.html>
- Balla, C., K. 2010. *Prediction Of Remaining Service Life Of Pavements*. Theses. Toledo: The university of Toledo.
- Behiry, A.E.A.E.M. 2012. *Fatigue and Rutting Lives in Flexible Pavement*. Ain Shams Engineering J. 3, 367–374, www.elsevier.com/locate/asej.
- Bush III, A.J., Alexander, D.R. 1985. *Pavement Evaluation Using Deflection Basin Movement And Layered Theory*. Transportation Research Record, TRB No.1022, pp.16-29. National Research Council. Washington, D.C.
- Bolla, M.E. 2012. *Perbandingan Metode Bina Marga Dan Metode Pci (Pavement Condition Index) dalam Penilaian Kondisi Perkerasan Jalan (Studi Kasus Ruas Jalan Kaliurang, Kota Malang)*. Universitas Nusa Cendana, Kupang. Unpublished. [Accessed: 3 August 2017]. Available from: <http://puslit2.petra.ac.id/ejournal/index.php/jurnal-teknik-sipil/article/view/18589>
- Chapman Instruments. 2009. *Spatial Filtering of Surface Profile Data*. <http://www.chapinst.com/ApplicationNotes/spatfil2.pdf>. [Accessed 24/01/2017]. Chapman technical note-TG-1spat_fil.doc Rev-01-09: Chapman Instruments, Rochester, NY.
- Corley-Lay, J.B. *Friction And Surface Texture Characterization Of 14 Pavement Test Sections In Greenville, North Carolina*. Transportation Research Record 1639. Issn: 0361-1981. 98-0205, Pp. 155-161. [Accessed 25 July 2017]. Available From: <http://trrjournalonline.trb.org/doi/pdf/10.3141/1639-17>
- FHWA. 2014. *Selected Highway Statistics and Charts*. FHWA, U.S. Department of Transportation. Washington, D.C.

- Finn, F.N., Saraf, C., Kulkarni R., Nair K., Smith W., Abdullah A. 1977. *Development of Pavement Structural Subsystems*. Final Report, NCHRP Project 1-10B. Washington, D.C.
- Gedafa, D.S., Hossain, M., Miller, R., Van, T. 2010. *Estimation of Remaining Service Life of Flexible Pavements from Surface Deflections*. Journal of Transportation Engineering. ASCE. [Online]. 352. [Accessed 23 November 2017]. Available From: <https://library.leeds.ac.uk/>
- Gothie, M. 1996 *Relationship Between Surface Characteristics and Accidents*. Proceedings Of 3rd International Symposium On Pavement Surface Characteristics. Christchurch. Pp. 271–282.
- Guilford, J.P. 1956. *Fundamental Statistic in Psychology and Education*. 3rd Ed. New York: McGraw-Hill Book Company, Inc.
- Haas, R.A. 1977. *Guide to Pavement Management*. Good Roads Association. Proceedings Roads 96 Conference, Part 4. Canada.
- Haas, R.A. Hudson, W.R., Zaniewski, J.P. 1994. *Modern Pavement Management*. Krieger Publishing Company, Malabar, Florida.
- Harr, M.E., Elton, D.J. 1983. *Non-Contact, Non-Destructive Airport Pavement Profile, Texture And Deflection Measurements*. Report DOT/FAA/PM-83/14, U.S. Department of Transportation, Federal Aviation Administration.
- Highway Research Board. 1972. *Skid Resistance*. National Cooperative Highway Research Program Synthesis of Highway Practice 14. National Academy of Sciences, Washington, D.C.
- Huang, Y.H. 1995. *Pavement Analysis and Design*. Second Edition. United States: Pearson Education Inc.
- Hveem, F.N. and Carmany, R.M. 1948. *The Factors Underlying the Rational Design of Pavements*. Highway Research Board Proceedings, Vol. 28.
- Hudson, W.R., Finn, F.N., McCullough, B.F., Nair K., Vallergera, B.A. 1968. *Systems Approach to Pavement Design, Systems Formulation, Performance Definition, and Materials Characterization*. Final Report, NCHRP Project 1-10, TRB, National Research Council Washington, D.C.
- Iskandar, H. 2013. *Minimum Service Standard Analysis For Non Toll Roads*. Pusat Litbang Jalan Dan Jembatan. [Accessed 25 January 2017]. Available From: [www.pu.go.id /Uploads/Services/Service20130717142059.Pdf](http://www.pu.go.id/Uploads/Services/Service20130717142059.Pdf)
- Jayawickrama, P.W., Prasanna, R., Senadheera, S.P. 2014. *Survey Of State Practices To Control Skid Resistance On Hot-Mix Asphalt Concrete Pavements*. Transportation Research Record. [Online]. 1536. Issn: 0361-

1981. [Accessed: 11 Juli 2017]. Available from: <http://trrjournalonline.trb.org/doi/abs/10.3141/1536-08>
- Jolis, N. 2015. *Evaluasi Kondisi Perkerasan Lentur dan Prediksi Umur Layan Jalintim Provinsi Sumatera Selatan (Studi Kasus: Ruas Jalan Batas Provinsi Jambi – Peninggalan)*. Thesis. Universitas Sebelas Maret Surakarta.
- Kuttesch, J.S. 2014. *Quantifying The Relationship Between Skid Resistance And Wet Weather Accidents For Virginia Data*. M. Sc. Thesis. Virginia Polytechnic Institute And State University.
- Lin, J.D., Yau, J.T., Hsiao, L.H. 2003. *Correlation Analysis Between International Roughness Index (IRI) And Pavement Distress By Neural Network*. 82th Annual Meeting In January 2003 Of The Transportation Research Board. Washington, D.C.
- Muhammadun, H., 2012, *Pengaruh muatan lebih terhadap kerusakan jalan di Provinsi Kalimantan Timur*, Asosiasi Ahli dan Praktisi Transportasi Indonesia, Volume 24, Nomor 4, <http://jurnal.litbangdanpustaka-dephub.go.id/index.php/warlit/article/download/30/22>.
- Moghaddam, T.B., Karim, M.R., dan Abdelaziz, M., 2011, *A Review On Fatigue And Rutting Performance Of Asphalt Mixes*. Academic J. of Scientific Research and Essays, <http://www.academicjournals.org/SRE>.
- Manurung, A.E., Sudibyoy, B.S., Hariyadi, E.S., Hendarto, S. 2015. Analisis Perhitungan Surface Distress Index (SDI) Menggunakan Data Hawkeye. *Simposium VXVIII FSTPT*. [Accessed: 3 Agustus 2017]. Available From: fstpt.unila.ac.id/wp-content/uploads/2015/08/t062.docx
- Noviastuti, R., Mulyono, A.T. 2015. Evaluasi Program Penanganan Jalan Nasional Di Provinsi Sumatera Selatan Berdasarkan Nilai Iri, Lebar Jalan Dan V/C Ratio. *Simposium XVIII FSTPT*. [Online]. [Accessed 31 August 2017]. Available From: fstpt.unila.ac.id/wp-content/uploads/2015/08/t149.Docx
- Parvini, M. (1997). *Pavement Deflection Analysis Using Stochastic Finite Element Method*. Ontario, Canada: McMaster University.
- Pearson, D. 2012. *Deterioration And Maintenance Of Pavement*. London, UK : ICE Publishing.
- Romanoschi, S., Metcalf, J.B. 1999. Simple Approach To Estimation Of Pavement Structural Capacity. *Transportation Research Record: Journal Of The Transportation Research Board*. [Online]. 1652, Pp.198-205. [Accessed

12 Juli 2017]. Available From: <http://0-trrjournalonline.trb.org.wam.leeds.ac.uk/doi/pdf/10.3141/1652-59>

Sayers, M.W, Karamihas, S.M. 1996. *Estimation on Rideability by Analysing Longitudinal Road Profile*. Transportation Research Record. 1536.

Suryoto, Siswoyo, D.P., Setyawan, A. 2017. The Evaluation Of Functional Performance Of National Roadway Using Three Types Of Pavement Assessment Method. *Sustainable Civil Engineering Structures And Construction Materials*. [Online]. 171, Pp. 1435-1442. [Accessed 29 July 2017]. Available From: <http://www.sciencedirect.com/science/article/pii/S1877705817304733>

Suwardo. Sugiharto. 2004. Tingkat Kerataan Jalan Berdasarkan Alat Rolling Straight Edge Untuk Mengestimasi Kondisi Pelayanan Jalan (Psi Dan Rci). Simposium VII FSTPT. [Online]. [Accessed 23 April 2017]. Available From: xxx

Ullas, S., T., Sreelatha, Sreedevi, B.G. 2013. Pavement Distresses And Roughness Modeling – A Case Study. *International Journal Of Innovative Research In Science, Engineering And Technology*. [Online]. ISSN (Online):2319 – 8753. [Accessed 15 February 2017]. Available From: <https://www.ijirset.com/upload/2013/special/environmental/14pavement.pdf>

Ullidtz, P. 1987. *Pavement Analysis*. Amsterdam: The Netherland : Elsevier

Vaitkus, A., Paliukait, M. 2013. *Evaluation of Time Loading Influence on Asphalt Pavement Rutting*. *Procedia Engineering* 57 (2013) 1205 – 1212, www.sciencedirect.com

Wang, C., Quddus, M., Ison, S. 2013. *The Effect Of Traffic And Road Characteristics On Road Safety: A Review And Future Research Direction*. *Safety Science*. 57, Pp. 264–275. [Accessed 29 July 2017]. Available From: <http://dx.doi.org/10.1016/j.ssci.2013.02.012>