DAFTAR PUSTAKA

Adlinge, S. S., & Gupta, A. K. (n.d.). *Pavement deterioration and its causes* (pp. 9 – 15). ISSN: 2278-1684. Retrieved from http://www.iosrjournals.org/iosr-jmce/papers/sicete(civil)-volume6/60.pdf

Arabani, M. & Ferdowsi, B. (2018). *Evaluating the Semi-Circular Bending Test for HMA Mixtures.* Retrieved from https://www.ije.ir/article_71758_977f624b30676255bfc093bb31d5e9ce.pdf

Asphalt Pavement Association of Oregon (2003). *Asphalt Paving Design Guide*. Salem, Oregon: Asphalt Pavement Association of Oregon. Retrieved from http://www.apao.org/documents/APAO-DESIGN-GUIDE-1.pdf

Bina Marga (2018). *Spesifikasi Umum 2018 untuk Pekerjaan Konstruksi Jalan dan Jembatan.* Jakarta: Kementrian Pekerjaan Umum dan Perumahan Rakyat.

Becker, Y., Méndez, M., & Rodríguez, Y. (2001). Polymer modified asphalt. *Vision Tecnologica*, 9, 39-50.

British Standards Institution (1989). *BS3690-1: 1989: Bitumens for building and civil engineering – Part 1: Specification for bitumens for roads and other paved areas.* London, England: British Standards Institution. ISBN 0 580 17795 5

Bueno, M., Garcia, A., & Partl, M. N. (2015). *Applications of strain-rate frequency superposition for bituminous binders*. doi: 10.3933/APPLRHEOL-25-65980

Cerrada, M. L. (2012). Thermal Analysis. Fundamentals and Applications to Material Characterization. *Introduction to the viscoelastic response in polymers.* Madrid, Spain: Instituto de Ciencia y Tecnología de Polímeros. ISBN: 84-9749-100-9

Erkens, S. (2002). *Asphalt concrete response: Determination, modelling, and prediction* (p. 82). The Netherlands: DUP Science. ISBN 90-407-2326-5

European Asphalt Pavement Association (2007). *Environmental guidelines on best available techniques (BAT) for the production of asphalt paving mixes.* Retrieved from https://eapa.org/wp-content/uploads/2018/07/bat_update_version2007.pdf

Eurobitume & the Asphalt Institute (2011). *The bitumen industry – A global perspective: Production, chemistry, use, specification and occupational exposure* (3rd ed., pp. 12). Brussels, Belgium: Eurobitume; United States of America: The Asphalt Institute. ISBN 978-1-934154-73-1

Federal Highway Administration Research and Technology (2016). *User guidelines for waste and byproduct materials in pavement construction.* FHWA. Retrieved from https://www.fhwa.dot.gov/publications/research/infrastructure/structures/97148/st3.cfm

Guyer, J. P. (2015). *An introduction to hot mix asphalt for pavement.* Retrieved from https://pdhonline.com/courses/c803/c803cotnent.pdf

Hill, B. (2011). *Performance evaluation of warm mix asphalt mixtures incorporating reclaimed asphalt pavement* (pp. 1). Urbana, IL: University of Illinois. https://core.ac.uk/download/pdf/4832521.pdf

Hunter, R. N., Self, A., & Read, J. (2015). *The shell bitumen handbook*. Westminster, London: ICE Publishing. ISBN 978-0-7277-5837-8

Igwe, E. A., Ekwulo, E. O., & Ottos, C. G. (2016). *Correlation of tensile strength of split cylinder test and double punch test of a rubberized asphalt concrete used in flexible pavement design*. doi: 10.20431/2454-8693.0205002

Iskakbayev, A., Telyatev, B. B., Rossi, C. O., Yensebayeva, G., Abu, B., & Kutimov, K. (2020). *Impact of loading rate on asphalt concrete deformation and failure.* doi: 10.18720/MCE.100.8

Islam, M. R., Ahmad, M., & Tarefder, R. A. (2015). Effect of Loading Rate on the Properties of Asphalt Concrete Using Three-Point Bending Test. *Advanced materials research*, 1096, 553–556. doi: 10.4028/www.scientific.net/AMR.1096.553

Iterchimica (2005). *Superplast high performance polymer*. Retrieved from https://www.scribd.com/document/387793796/SUPERPLAST-High-Performance-Polymer-Low-Res

Jennings, B. & Wirtjes, R. (2019). *Hot-Mix asphalt vs. Warm-Mix asphalt.* Edwardsville, IL: Southern Illinois University Edwardsville.

Jing, R., Liu, X., Varveri, A., Scarpas, A., & Erkens, S. (2018). The effect of ageing on chemical and mechanical properties of asphalt mortar. *Applied sciences*, 8(11), 2231. MDPI AG. doi:10.3390/app8112231

Junoasmono, T. (2015). *Indonesia road sector development*. Tokyo, Japan: Japan Road Congress. Retrieved from https://www.road.or.jp/international/pdf/31_1.pdf

Kelly, P. A. (2013). *Solid mechanics part I: An introduction to solid mechanics.* Auckland, New Zealand: The University of Auckland. Retrieved from http://homepages.engineering.auckland.ac.nz/~pkel015/SolidMechanicsBooks/Part_I/BookSM_Part_I/10_Viscoelasticity/10_Viscoelasticity_01_Intro.pdf

Kringos, N., Khedoe, R., Scarpas, A., & de Bondt, A. (2011). A new asphalt concrete moisture susceptibility test methodology. In s.n. (Ed.), *90th Annual Meeting of Transportation Research Board* (pp. 1-14). Washington D. C. : Transportation Research Board (TRB).

Lees, A. (2021). *What are the function of layers in a flexible pavement?* Retrieved from http://info.tensar.co.uk/blog/what-are-the-function-of-layers-in-a-flexible-pavement

Lundberg, R., Jacobson, T., Redelius, P., & Östlund, J. A. (2016). *Production and durability of cold mix asphalt.* Prague, Czech Republic: 6th Euroasphalt & Eurobitume Congress. doi: 10.14311/EE.2016.074p

Mathew, T. V. & Rao, K. V. K. (2007). *Introduction to transportation engineering: Marshall mix design*. Retrieved from http://103.159.250.162:81/fdScript/RootOfEBooks/CED/Ebooks%20civil/Civil%20Engineering(Extra%20material)/transprtation/Pavement%20Design/nptel_ceTEI_L26.pdf

McNally, T. (2011). *Introduction to polymer modified bitumen (PmB).* In T. McNally (Ed.), Polymer modified bitumen: Properties and characterisation (pp. 8-13). Cambridge, UK: Woodhead Publishing Limited. ISBN 978-0-85709-372-1

Muench, S. T. (2012). *Pavement types*. Retrieved from http://hawaiiasphalt.org/guide/modules/04_pavement_types/04_pavement_types.htm

Minnesota Asphalt Pavement Association (2014). *Asphalt Paving Design Guide* (pp. 24-25). Retrieved from https://cdn.ymaws.com/www.asphaltisbest.com/resource/resmgr/MAPA-Asphalt-Paving-Design-G.pdf

Montanelli, F. & Iterchimica srl (2013). Procedia – Social and behavioral sciences. *Fiber/Polymeric compound for high modulus polymer modified asphalt (PMA)*, 104, 39-48. Elsevier. Retrieved from https://doi.org/10.1016/j.sbspro.2013.11.096

National Asphalt Pavement Association (2012). *Warm-Mix asphalt*. Retrieved from https://www.vaasphalt.org/wp-content/uploads/2012/07/Warm-Mix_Asphalt.pdf

Nurjaman, H. N., Faizal, L., Suaryana, N., Dharmawan, Y., Wantoro, A., Purnomo, & Suwito (2019). *Development precast and prestressed concrete rigid pavement system in Indonesia.* IOP Publishing Ltd. doi: 10.1088/1757-899X/650/1/012034

Polacco, G., Berlincioni, S., Biondi, D., Stastna, J., & Zanzotto, L. (2005). European Polymer Journal. *Asphalt modification with different*

polyethylene-based polymers, 41(12), 2831-2844. Elsevier. Retrieved from https://doi.org/10.1016/j.eurpolymj.2005.05.034

Porto, M., Caputo, P., Loise, V., Eskandarsefat, S., Teltayev, B., & Oliviero Rossi, C. (2019). Bitumen and bitumen modification: A review on latest advances. *Applied sciences*, 9(4), 742. MDPI AG. Retrieved from http://dx.doi.org/10.3390/app9040742

Ren, Z., Zhu, Y., Wu, Q., Zhu, M., Guo, F., Yu, H., & Yu, J. (2020). Enhanced storage stability of different polymer modified asphalt binders through nano-montmorillonite modification. *Nanomaterial*, 10(4), 641. MDPI AG. Retrieved from http://dx.doi.org/10.3390/nano10040641

Sarsam, S. I., & Al-Delfi, K. H. (2015). Applied research journal. *Assessing tensile strength and moisture susceptibility of asphalt concrete*, 1(4), 279. ISSN: 2423-4796

Self, A., Taylor R., & Airey, G. (2015). *The shell bitumen handbook* (6th ed., pp. 5, 119). Westminster, London: ICE Publishing. ISBN 978-0-7277-5837-8

Somé, S. C., Gaudefroy, V., & Pavoine, A. (2015). *Viscoelastic behavior of fluxed asphalt binders and mixes*. Lyon, France: 22ème Congrès Français de Mécanique. Retrieved from http://documents.irevues.inist.fr/bitstream/handle/2042/57315/66098.pdf?sequence=1

Sukirman, S. (1999). *Perkerasan Lentur Jalan Raya* (pp. 45-46). Bandung: NOVA. ISBN 979-95847-1-x

Tia, M. (2003). Bituminous materials and mixtures. In W. F. Chen & J. Y. R. Liew (Eds.), *The civil engineering handbook* (2nd ed.). United States of America: CRC Press. ISBN 0-8493-0958-1

Vangari, M., Pravallika, C. L. & Reddy, G. S. (2018). *Construction of Perpetual Composite Pavement.* India: International Journal of Engineering Technology Science and Research. ISSN 2394 - 3386

Wasilewka, M., Malaszkiewicz, D., Ignatiuk, N. (2017). *Evaluation of Different Mineral Filler Aggregates for Asphalt Mixtures.* Bristol, England: IOP Publishing. doi: 10.1088/1757-899X/245/2/022042

Wen, H. (2009). *Development of a damage-based phenomenological fatigue model for asphalt pavement.* Retrieved from https://www.petersenasphaltconference.org/download/2009/2009P3Symposium_files/Thursday5-Wen.pdf

Wu, H., Huang, B. & Shu, X. (2012). Road materials and pavement design. *Characterizing viscoelastic properties of asphalt mixtures utilizing loaded wheel tester (LWT)*, 13(sup1), 40. doi: 10.1080/14680629.2012.657049

Xia, C., Lv, S., You, L., Chen, D., Li, Y., & Zheng, J. (2019). Materials 2019. *Unified strength model of asphalt mixture under various loading modes*, 12, 889. MDPI. doi:10.3390/ma12060889

Zaumanis, M. (2010). *Warm mix asphalt investigation* (pp. 13-14). Denmark: Technical University of Denmark. doi: 10.1007/978-3-662-44719-2_10