

REFERENCES

1. Data Jalan Kementrian Pekerjaan Umum dan Dinas Pekerjaan Umum Provinsi/Kabupaten.
2. Huang, Y.H. University of Kentucky (2004). 2nd Edition. *Pavement Analysis and Design*. Published by Pearson Prentice Hall. pp 1.
3. King, G., King, H., Pavlovich, R.D., Epps, A.L., and Kandhal, P.S. (1999). Additives in Asphalt. *Journal of Association of Asphalt Paving Technology*. Vol. 68, pp 32-69.
4. Robert, F.L., Kandhal, P.S., Brown, E.R., Dah, Y. L., and Kennedy, T.W. (1996). *Hot Mix Asphalt – Materials, Mixture Design and Construction*. 2nd edition. NAPA Education Foundation, Lanham, Maryland. pp 448-463.
5. Lavin, P.G. (2003). *Asphalt Pavements A Practical Guide to Design, Production, and Maintenance for Engineers and Architects*. First Edition Spon Press, 11 New Fetter Lane, London EC4P 4EE,. pp 1.
6. McGennis, R.B., Anderson, R.M., Kennedy, T.W., and Solaimanian, M. (1995) *Background of Superpave Asphalt Mixture Design and Analysis*. Federal Highway Administration (FHWA), Report No. FHWA-SA-95-003, July 1995, pp 1-3.
7. Read, J and Whiteoak, D. (2003) *The Shell Bitumen Handbook*. Fifth Edition. Thomas Telford Publishing, Thomas Telford Ltd, 1 Heron Quay, London E14 4JD. pp 62 – 66, 136.
8. Epps, J.A. (1986). Asphalt Pavement Modifiers. *The Magazine of Civil Engineering*, April 1986.
9. Yildirim, Y. (2007). Polymer Modified Asphalt Binders. *Journal of Construction and Building Materials*, Volume 21. pp 66-72.

10. Partl, M.N. and Newman, J.K. U.S. Army Corps of Engineer (2003). Flexural beam fatigue properties of airfield asphalt mixtures containing styrene-butadiene based polymer modifiers. The Sixth International Rilem Symposium. Zurich, Switzerland. pp 357-63.
11. American Society for Testing and Materials (ASTM) (2009). ASTM D5 – 2006: *Standard Test for Penetration of Bituminous Materials*. Philadelphia U.S.: ASTM International.
12. <http://finance.detik.com/read/2014/02/11/183630/2493789/4/hanya-20-jalan-di-pantura-yang-sudah-dibeton> accessed on Mei 2015.
13. American Society for Testing and Materials (ASTM) (2009). ASTM D36 – 2009: *Standard Test Method for Softening Point of Bitumen (Ring-and-Ball Apparatus)*. Philadelphia U.S.: ASTM International.
14. American Society for Testing and Materials (ASTM) (1987). ASTM D3625 – 1996 (Rep-approved 2005): *Standard Practice for Effect of Water on Bituminous Coated Aggergate Using Boiling Water*. Philadelphia U.S.: ASTM International.
15. Rusbintardjo, G. (2013). *Journal of Utilization of Buton Natural Rock Asphalt as Additive of Bitumen Binder in Hot Mix Asphalt Mixtures*. Advanced Materials Research Vol. 723 (2013) pp 543-550. <http://www.scientific.net/AMR.723.543>
16. American Society for Testing and Materials (ASTM) (2009). ASTM D70 – 2009: *Standard Test Method for Density of Semi Bituminous Materials (Pycnometer Method)*. Philadelphia U.S.: ASTM International.
17. American Society for Testing and Materials (ASTM) (2006). ASTM C1559 – 2006: *Standard Test Method for Resistance to Plastic Flow of Bituminous Mixtures Using Marshall Apparatus*. Philadelphia U.S.: ASTM International.
18. American Society for Testing and Materials (ASTM) (2006). ASTM C131 – 2006: *Standard Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine*. Philadelphia U.S.: ASTM International.
19. Jabatan Kerja Raya Malaysia. *Standard Spesification for Road Works, Section 4: Flexible Pavement*. No. JKR/SPJ/2008-54, pp S4-58 – S4-69.

20. American Society for Testing and Materials (ASTM) (2006). ASTM C1252 – 2006: *Standard Test Method for Uncompacted Void Content of Fine-Aggregate (as Influenced by Particle Shape, Surface Texture, and Grading)*. Philadelphia U.S.: ASTM International.
21. American Society for Testing and Materials (ASTM) (2009). ASTM D2726 – 2009: *Standard Test Method for Bulk Specific Gravity and Density of non Absorbent Compacted Bituminous Mixtures*. Philadelphia U.S.: ASTM International.