REFERENCES

- 1. Data Jalan Kementrian Pekerjaan Umum dan Dinas Pekerjaan Umum Provinsi/Kabupaten http://www.pu.go.id on June 2017
- 2. Huang, Y.H. University of Kentucky (2004). *Pavement Analysis and Design*. Published by Pearson Prentice Hall. pp 1. 2nd Edition.
- 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.
- 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.
- 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. Report on Slurry Seal Application. Internasional Slurry Seal Association. Information Series No. 1, Revised Edition.
- 12. Benedict, C.R Slurry Seal Systems for Pavement Conservation. Paper presented to Toledo Section, ASCE/University of Toledo Seminar, April 12, 1982, paper available form: International Slurry Seal Association, Washington, D.C.
- 13. Design Technical Bulletin. International Slurry Seal Association. 1978.
- 14. Peterson, D.E. Resealing Joints and Cracks in Rigid and Flexible Pavements.

 Transportation Reasearch Board, NCHRP Synthesis 98, December 1982.
- 15. 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.
- 16. Buton Aspal Indonesia http://bai.co.id On June 2017
- 17. American Society for Testing and Materials (ASTM) (2009). ASTM D5 2006: *Standard Test for Penetration of Bituminous Materials*. Philadelphia U.S.: ASTM International.
- 18. 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.
- 19. American Society for Testing and Materials (ASTM) (2009). ASTM D70 2009: Standard Test Method for Density of Semi Bituminious Materials (Pycnometer Method). Philadelphia U.S.: ASTM International.
- 20. American Society for Testing and Materials (ASTM) (1996). ASTM D5892 2009: Standard Specification for Type IV Polymer Modified Asphalt Cement for Use in Pavement Construction. Philadelphia U.S.: ASTM International.

- 21. Direktorat Bina Teknik. (1995). *Second Highway Sector Investment Project*. General Specification. Volume Three.
- 22. 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.
- 23. American Society for Testing and Materials (ASTM) (2006). ASTM C1252 2006: Standard Test Method for Uncompacted Void Content of Fine-Aggregate (as Influence by Particle Shape, Surface Texture, and Grading. Philadelphia U.S.: ASTM International.
- 24. American Society for Testing and Materials (ASTM) (2006). ASTM C1559 2006: Standard Test Method for Resistance to Plastic Flow of Bituminious Mixtures Using Marshall Apparatus. Philadelphia U.S.: ASTM International.