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DAFTAR PUSTAKA

Asphalt Institute, 1983. *Principles of Cunstruction of Hot Mix Asphalt Pavements.*

Asphalt Institute, 1993. *Mix Design Methods For Asphalt Concrete and Other Hot-Mix Types.* Asphalt Institute Research Park Drive, Kentucky

Asphalt Institute, 2001. *Introduction to Asphalt.* Asphalt Institute Research Park Drive, Kentucky

ASTM, 2004, *Road and Paving Materials Vehicle-Pavement System*. The American Society of Testing Material officials, Washinton D.C

Atkins, 1997, *Highway Materials, Soils and Concretes*, Printice Hall, Ohio.

Bambang Edison, 2010, *Karakteristik Campuran Aspal Panas (Asphalt Concrete-Binder Course) Menggunakan Aspal Polimer JURNAL APTEK Vol. 2 No. 1*

Bonaquist, R 2014, *Impact of Mix Design on Asphalt Pavement Durability*, Papers from a Workshop Transportation Research Board Washington, D.C.

Dallas N. Little and David R. Jones, 2003 *Chemical and Mechanical Processes of Moisture Damage in Hot-Mix Asphalt Pavements,* A National Seminar of Moisture Sensitivity of Asphalt Pavements. California

Dawson, A, (2008), *Water in Road Structures, Movement, Drainege and Effect*, Vol. 5, Springer, UK

Departemen Pekerjaan Umum. (1990). *SNI M-58-1990 Metode Pengujian Aspal Dengan Alat Marshall*

Direktorat Jenderal Bina Marga, 2014, *Buletin Bina Marga Edisi No. 8*, Jakarta, Kementerian Pekerjaan Umum.

Effendi, H., 2004. *Tinjauan Daya Tahan Lama Terhadap Air Sungai Berlumpur Pada Campuran Beton Aspal*, Magister Sistem dan Teknik Transportasi, Universitas Gadjah Mada. (tidak dipublikasikan).

Federal Aviotion Administration, 2007. *Guidlines and Procedures for Maintenance of Airport Pavement,* AC:150/5380-613, US Departement of Transportation

Hardiyatmo. C, 2011, *Perancangan Perkerasan Jalan dan Penyelidikan Tanah*, UGM Express, Yogyakarta.

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Universitas Gadjah Mada, 2016 | Diunduh dari http://etd.repository.ugm.ac.id/

Haris, 2015. *Studi Pemanfaatan Agregat Sungai di Kabupaten Tolitoli dengan Kapur Padam Sebagai Filler Terhadap Stabilitas dan Durabilitas Pada Campuran Asphaltic Concrete Wearing Course AC-WC*, Magister Sistem dan Teknik Transportasi, Universitas Gadjah Mada. (tidak dipublikasikan).

Hick, 1991, *Moisture Damage In Asphalt Concrete*, National Cooperative Highway Research Program, Synthesis of Highway Practice 175.

Hossain (2011), *Laboratory Evaluation of Lime Modified Asphalt Concrete Mix with Respective to Moisture Susceptibility*, International Journal of Civil and Environment Engineer IJCEE-IJENS Vol:11 No. 04

Insan, 2007. TDS Meter. (Online). (Http*://insansainsprojects.wordpress.com/tds-meter*, diakses 08 November 2010)

Januardi, 2013 *Pengaruh Kepadatan Mutlak Terhadap Kekuatan Campuran Aspal Pada Lapisan Permukaan HRS-WC* Jurnal Teknik Sipil Untan / Volume 13 Nomor 1, Pontianak

Kementerian Pekerjaan Umum, 2014, *Spesifikasi Umum Revisi 3 untuk Pekerjaan Konstruksi Jalan dan jembatan*, Divisi 6, Direktorat Jenderal Bina Marga, Jakarta.

Kringos, 2007, *Modeling of Combined Physical-Mechanical Moisture Induced Damage in Asphaltic Mixes*, The Netherlands

Lavin, 2003, *A Practical Guide to Design, Production, and Maintenance for Engineer and Architect*, Spon Press, New York

Manual Pekerjaan Campuran Beraspal Panas, *Buku 1 Petunjuk Umum*, Direktorat Jenderal Prasarana Wilayah, Jakarta.

Meor Othman Hamzah, Muhammad Rafiq Kakar, Mohd Rosli Hainin (2015*) An Overview of Moisture Damage in Asphalt Mixtures*, Jurnal Teknologi (Sciences & Engineering) 73:4 (2015) 125–131

Nahyo, dkk, 2014, *Durabilitas Campuran Hot Rolled Sheet-Wearing Course (HRS-WC) Akibat Rendaman Menerus dan Berkala Air Rob*, Magister Ilmu Lingkungan Universitas Diponegoro.

Peter Domone and John Illston, 2010, *Construction Materials Their Nature and Behaviour 4th Edition*, Taylor and Francis Group, US

Prabowo, A.H., 2003, *Pengaruh Rendaman Air Laut Pasang (Rob) terhadap Kinerja Lataston (HRS-WC) Berdasarkan Uji Marshall dan Uji*

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Durabilitas Modifikasi, PILAR Vol. 12 Nomor 2, September 2003, Halaman 89-98, MTS Universitas Diponegoro.

Report 673 National Cooperative Highway Research Program, 2011, *A Manual for Design of Hot Mix Asphalt with Commentary*, Transportation Research Board, Washinton DC.

Rizqi, Muhammad. 2010. *Derajat Keasaman (pH). http://teknologi. kompasiana.com/terapan/2010/11/02/derajat-keasaman-ph/ diakses tanggal 14 Mei 2016*

Rustomo, 2004, *Tinjauan Daya Tahan Lama Terhadap Air hujan Pada Campuran Beton Aspal*, Magister Sistem dan Teknik Transportasi, Universitas Gadjah Mada (tidak dipublikasikan).

Santucci, L. 2002. *Moisture Sensitivity of AsphaltPavements,Technology Transfer Program*. University of California, Berkley's Institute of Transportation Studies.

Setiawan, A. dan Tahir, A., (2009), *Kinerja Durabilitas Campuran Beton Aspal Ditinjau dari Faktor Variasi Suhu Pemadatan dan Lama Perendaman*, Jurnal SMARTek, Vol. 7, No. 1, Pebruari 2009: 45 - 61

Siswosubroto (2003) *Development Of A Cyclic Water Vapour Test For Durability Assessment Of Bituminous Mixtures For Pavement Material* Department of Civil Engineering Bandung Institute of Technology

Standar Nasional Indonesia 6753:2008, *Cara Uji Ketahanan Campuran Beraspal terhadap Kerusakan Akibat Rendaman*

Sukirman, S., 2007, *Beton Aspal Campuran Panas*, Yayasan Obor Indonesia, Jakarta.

Tarigan, M.S. dan Edward. 2003. *Kandungan Total Zat Padat Tersuspensi (Total Suspended Solid) Di Perairan Raha, Sulawesi Tenggara.* MAKARA, SAINS, VOL. 7, NO. 3. LIPI.

Shanmugasundaram (2005) *An Analysis of Causes of Premature Failure of Bituminous Pavements in National Highways of Tamil Nadu State in India*, Indian Road Congress

Soehartono, 2014, *Teknologi Aspal dan Penggunaannya dalam Konstruksi Perkerasan Jalan*, Penerbit Andi, Yogyakarta

Soeprapto 2004, *Bahan dan Struktur Jalan Raya*, Biro Penerbit Teknik Sipil Universitas Gadjah Mada, Yogyakarta