

## DAFTAR PUSTAKA

- AASHTO. 1993. *Guide for Design of Pavement Structures*. Washington DC.: American Association of State Highway and Transportation Officials.
- BSN, 2015, Perancangan Struktur Baja Untuk Jembatan, RSNI T-03-2005, Badan Standarisasi Nasional, Jakarta.
- BSN, 2019, Persyaratan beton struktural untuk bangunan gedung dan penjelasan (ACI 318M-14 dan ACI 318RM-14, MOD), SNI 2847 : 2019, Badan Standarisasi Indonesia, Jakarta.
- CSI. 2016. *Analysis Reference Manual. Computers & Structures*, Inc. USA.
- Darayani, E. D., Suhendro, B., dan Irawan, M. Z, 2018, Analisis Beban Ekuivalen Roda Tunggal Pesawat Boeing 777-300er Pada Perkerasan Lentur Runway Bandar Udara Dengan Metode Elemen Hingga, Prosiding Simposium Forum Studi Transportasi Antar Perguruan Tinggi Ke-21 , Universitas Brawijaya. Malang.
- Delatte, N. 2008, *Concrete Pavement Design Construction and Performance*, Taylor & Francis, New York, USA.
- Departemen Pekerjaan Umum, 1983, Manual Pemeriksaan Perkerasan Jalan dengan alat Benkelman Beam No.01/MN/B/1983, Direktorat Jenderal Bina Marga Departemen Pekerjaan Umum, Jakarta.
- Departemen Permukiman dan Prasarana Wilayah, 2003, Pedoman Perencanaan Perkerasan Jalan Beton Semen Pd T 14- 2003, Kementerian Pekerjaan Umum Dan Perumahan Rakyat, Jakarta.
- Hardwiyono, S., 2011, Pengaruh perubahan Suhu pada Modulus Elastik Lapisan Beraspal Perkerasan Lentur dalam Pengujian Regangan Berbeda, Jurnal Ilmiah Semesta Teknik Vol. 14 No. 1, 1, 72-80, 2011.
- Hardiyatmo, H. C., 2016, Alternatif Solusi Pembangunan Perkerasan Jalan Pada Subgrade Berdaya Dukung Rendah, Prosiding Seminar Nasional Geoteknik. Unlam , Banjarmasin.
- Hardiyatmo, H.C., 2018, Mekanika Tanah 2, Edisi 6, Gadjah Mada University Press, Yogyakarta.
- Huang, H. Y., 2004, *Pavement Analysis and Design*, University of Kentucky, Prentice Hall, Englewood Cliffs. New Jersey, U.S.A.
- Huber, G. A., The Heritage Group. 1994. *Weather Database for the SUPERPAVE TM Mix Design System SHRP-A-648A*. Strategic Highway Research Program National Research Council. Washington
- Khan, M. I., Qadeer, M. A., dan Harwalkar, A. B., 2014, *Mechanistic Analysis of Rigid Pavement for Temperature Stresses Using Ansys*, IOSR Journal of Mechanical and Civil Engineering, 11(2), 90–107. India.
- Direktorat Jendral Bina Marga, 2017, Manual Perkerasan Jalan Nomor 04/se/db/2017, Kementerian Pekerjaan Umum Dan Perumahan Rakyat, Jakarta.
- Nishizawa, T., Shimeno, S., Komatsubara, A., dan Koyanagawa, M., 1998, *Study on thermal stresses in continuously reinforced concrete pavement*, Transportation Research Record, 1629, 99–107, Japan.



Parjoko, Y. H., 2010, *Sensitivity Analysis Of Concrete Pavement Performance Using Finite Element Approach*, Thesis Transportation System and Engineering, Gadjah Mada University Yogyakarta.

Komite Teknis 91-01 Bahan Konstruksi Bangunan dan Rekayasa Sipil, 2019. Pengukuran Beban Kendaraan dengan *weigh-in-motion* (WIM) *brige* Pd 15 – 2018 - B, Kementerian Pekerjaan Umum dan Perumahan Rakyat, Jakarta.

Pavement Interactive, 2022, *Composite Pavement*, <https://pavementinteractive.org/glossary/composite-pavements>.

Pavement Interactive, 2022, *Extend Pavement Life With Thin Asphalt Overlays*, <https://pavementinteractive.org/extend-pavement-life-with-thin-asphalt-overlays>.

Prawesti, P., Suhendro, B., dan Hapsoro, S., 2019, *Evaluation of rigid pavement on apron of terminal 3 Soekarno- Hatta International Airport using finite element method*. *MATEC Web of Conferences* 270, 03005, 1–8.

Suhendro, B., 2000., *Metode Elemen Hingga dan Aplikasinya*. Beta Offset, Universitas Gadjah Mada Yogyakarta

Surat, 2011, *Analisis Struktur Perkerasan Jalan Di Atas Tanah Ekspansif (Studi Kasus : Ruas Jalan Purwodadi-Blora)*, Tesis Magister Teknik Sipil, Universitas Sebelas Maret. Surakarta.

Theyse. H. L., Beer. M. D., Waina, J. W. , dan Kannemeyer, L., 2015, *Interim Revision Of The South African Mechanistic-Empirical Pavement Design Method For Flexible Pavement*. 10th CONFERENCE ON ASPHALT PAVEMENTS FOR SOUTHERN AFRICA.

Utomo, W. B., dan Suhendro, B., 2017, *Analisis Rigid Pavement Dengan Metode Finite Element*. Prosiding Simposium Forum Studi Transportasi Antar Perguruan Tinggi Ke-20. Universitas Hasanuddin. Makassar.

William, G. W., & Shoukry, S. N., 2001, *3D Finite Element Analysis of Temperature-Induced Stresses in Dowel Jointed Concrete Pavements*, *International Journal of Geomechanics*, 1(3), 291–307.

Xia. Y., You. Z., & Han, 2008, *Temperature Gradient of RCC-AC Composite Pavements*, *Geocongress 2008: Characterization, Monitoring, And Modeling Of Geosystems*.

Zienkiewicz, O.C., Taylor, R.L., & J.Z. Zhu. 2005. *The Finite Element Method: Its Basis and Fundamentals Sixth edition*. Spain : International Centre for Numerical Methods in Engineering.