

DAFTAR PUSTAKA

- AASHTO. (1993). *American Association of State Highway and Transport Officials guide for mechanistic-empirical (M-E) design and analysis*. Washington, DC: AASHTO.
- ASTM. (2007). *E2583-07: Standard Test Method for Measuring Deflections with a Light Weight Deflectometer (LWD)*. West Conshohocken: ASTM International.
- ASTM. (2009). *D6951/D6951M: Standard Test Method for Use of the Dynamic Cone Penetrometer in Shallow Pavement Applications*. West Conshohocken: ASTM International.
- Benedetto, A., Tosti, F., & Di Domenico, L. (2012). Elliptic model for prediction of deflections induced by a light falling weight deflectometer. *Journal of Terramechanics*, 49(1), 1-12.
- BSN. (2008a). *SNI 1969-2008: Cara uji berat jenis dan penyerapan air agregat kasar*. Jakarta: Badan Standardisasi Nasional.
- BSN. (2008e). *SNI 2417-2008: Cara uji keausan agregat dengan mesin los abrasi los angeles*. Jakarta: Badan Standardisasi Nasional.
- BSN. (2012). *SNI 1744:2012: Metode uji CBR laboratorium*. Jakarta: Badan Standardisasi Nasional.
- BSN. (2012). *SNI 3966:2012: Cara uji kekakuan tekan dan kekakuan geser bantalan karet jembatan*. Jakarta: Badan Standardisasi Nasional.
- BSN. (2014). *SNI 6889-2014: Tata cara pengambilan contoh uji agregat*. Jakarta: Badan Standardisasi Nasional.
- Burhanuddin, & Junaidi. (2018). Hubungan empiris daya dukung tanah dasar menggunakan alat dynamic cone penetrometer (DCP) dan california bearing ratio (CBR) rendaman untuk disain tebal perkerasan lentur jalan raya. *Jurnal Teknik Sipil Universitas Syiah Kuala*, 1(3), 553-558.
- Chen, D. H., Lin, D. F., Liao, P. H., & Bilyeu, J. A. (2005). Correlation Between Dynamic Cone Penetrometer Values and Pavement Layer Moduli. *Geotechnical Testing Journal*, 28(1), 42-49.
- Elhakim, A. F., Elbaz, K., & Amer, M. I. (2013). The use of light weight deflectometer for in situ. *HBRC Journal*, 10, 298-307.

- George, V., Rao, N. C., & Shivashankar, R. (2009). PFW, DCP and CBR correlations for evaluation of lateritic subgrades. *International Journal of Pavement Engineering*, 10(3), 189-199.
- Grasmick, J., Mooney, M., & Surdahl, R. (2014). Capturing a layer response during curing of stabilized earthwork using a multi sensor light weigh deflectometer. *Journal of Material in Civil Engineering*, 27(6), 34-45.
- Harnaeni, S. R., & Kirnawan, P. E. (2013). Tinjauan Void Campuran Aspal Yang Dipadatkan Menggunakan Alat Pemadat Roller Slab (APRS) dan Stamper. *Simposium Nasional RAPI XII - 2013 FT UMS*.
- Harsanto, P. (2007). *Analisis Limpasan Langsung dengan Model Distribusi dan Komposit*. Yogyakarta: Universitas Gadjah Mada.
- Jitarekul, P., Sawangsurriya, A., & Singhatiraj, P. (2017). Integration of Pavement Layer Evaluation Using LWD for Road Safety Control. *Procedia Engineering*, 189, 111-117.
- Kavussi, A., Rafiei, K., Yasrobi, & Shahaboddin. (2010). Evaluation of PFW as Potential Quality Control Tool of Pavement Layers. *Journal of Civil Engineering and Management*, 16, 123-129.
- Powell, W. D. (1984). *The Structural Design of Bituminous Roads*. London: TRRL report LR 1332.
- Rahmawati, A., Fajarwati, & Fauziyah. (2017). *Statistika Teori dan Praktek*. Yogyakarta: Program Studi Manajemen Fakultas Ekonomi UMY.
- RSNI. (2004). *RSNI T-14-2004: Geometri jalan perkotaan*. Jakarta: Badan Standardisasi Nasional.
- Shivamanth, A., Kolase, P. K., S., S. P., Desai, M. K., & Desai, A. K. (2015). Study of the Light Weight Deflectometer and Reviews. *International Journal of Engineering Research and General Science*, 3, 42-46.
- Siegfried. (2018). LWD Pusjatan Sebagai Alat Alternatif Dalam Mengevaluasi Perkerasan Lentur. *Jurnal Jalan-Jembatan*, 35, 75-83.
- Siegfried. (2018). Penggunaan Light Weight Deflectometer Pusjatan untuk Quality Control Pekerjaan Pemadatan Tanah. *Jurnal Tiarsie*, 15(2), 45-48.
- Sukirman, S. (1990). *Dasar Dasar Geometrik Jalan Raya*. Bandung: Nova.
- Syaruddin S., A. (2010). Pengujian daya dukung perkerasan jalan dengan Dynamic Cone Penetration (DCP) sebagai standar untuk evaluasi pekerjaan jalan. *Jurnal Aptek*, 2(1), 52-59.

- Tehrani , F. S., & Meehan, C. L. (2010). The effect of water content on light weight deflectometer measurement. *In: Geoflorida 2010: Advances in Analysis, Modelling & Design, Orlando*, 930-939.
- TRL, Overseas Road Note 31. (1993). *A guide to the structural design of bitumen-surfaced roads in tropical and sub-tropical countries*. Chrowthorne. United Kingdom: Transport Research Laoratory.
- Undang-undang Republik Indonesia No.13 tahun 1980 tentang jalan.*
- Uz, V. E., Saltan, M., & Gokalp, I. (2015). Comparison of DCP, CBR, and RLT test result for granular pavement material and subgrade with structural perspective. *International Symposium Non-Destructive Testing in Civil Engineering (NDT-CE)*.