

DAFTAR PUSTAKA

- [1] E. Zulfan, S. M. Saleh, and Y. Yunus, “Penilaian Kondisi Jalan Pada Ruas Jalan Km. 77 (Batas Pidie) - Batas Kota Sigli,” *J. Tek. Sipil*, vol. 1, no. 3, pp. 581–592, 2018, doi: 10.24815/jts.v1i3.9997.
- [2] D. Rochmanto and M. Nilamsari, “ANALISIS KERUSAKAN JALAN MENGGUNAKAN METODE BINA MARGA 1990 (Studi Kasus Jl. Jepara–Mlonggo, KM 3+000 s/d KM 5+000),” *Disprotek*, vol. 12, no. 1, p. 41, 2021.
- [3] S. Shim, J. Kim, S. W. Lee, and G. C. Cho, “Road damage detection using super-resolution and semi-supervised learning with generative adversarial network,” *Autom. Constr.*, vol. 135, p. 104139, 2022, doi: 10.1016/j.autcon.2022.104139.
- [4] P. R. Nahak, Y. C. S. P, and S. Winarto, “Malaka,” *Itinerario*, vol. 10, no. 3–4, p. 66, 1986, doi: 10.1017/S0165115300004575.
- [5] M. F. Pradana, R. T. Bethary, and R. Rinaldiansyah, “Perencanaan Perkerasan Kaku Pada Jalan Akses Tol Cilegon Timur Dengan Menggunakan Metode Bina Marga 2003 Dan Aashto 1993,” *Konstruksia*, vol. 1993, pp. 57–66, 2019, [Online]. Available: <https://jurnal.umj.ac.id/index.php/konstruksia/article/view/4697>
- [6] . W., O. H. Hermawan, and T. H. S, “Analisis Perencanaan Tebal Perkerasan Lentur Jalan Dengan Menggunakan Metode Analisa Komponen Bina Marga 1987 Dan Rencana Anggaran Biaya Konstruksinya Pada Ruas Jalan Banjaran – Balamoa,” *Rekayasa J. Tek. Sipil*, vol. 6, no. 1, p. 21, 2021, doi: 10.53712/rjrs.v6i1.1159.
- [7] A. Busari, B. Dahunsi, and J. Akinmusuru, “Sustainable concrete for rigid pavement construction using de-hydroxylated Kaolinitic clay: Mechanical and microstructural properties,” *Constr. Build. Mater.*, vol. 211, pp. 408–415, 2019, doi: 10.1016/j.conbuildmat.2019.03.170.

- [8] R. C. I. Road *et al.*, “JURMATEKS Mengurangi Laju Kerusakan Jalan dengan Menggunakan Metode,” vol. 4, no. 1, 2021, doi: 10.28932/jts.v1.
- [9] J. Li, G. Yin, X. Wang, and W. Yan, “Automated decision making in highway pavement preventive maintenance based on deep learning,” *Autom. Constr.*, vol. 135, no. December 2021, p. 104111, 2022, doi: 10.1016/j.autcon.2021.104111.
- [10] S. Bhandari, X. Luo, and F. Wang, “Understanding the effects of structural factors and traffic loading on flexible pavement performance,” *Int. J. Transp. Sci. Technol.*, no. xxxx, 2022, doi: 10.1016/j.ijtst.2022.02.004.
- [11] M. Mubarak, R. Rulhendri, and S. Syaiful, “Perencanaan Peningkatan Perkerasan Jalan Beton Pada Ruas Jalan Babakan Tengah Kabupaten Bogor,” *Astonjadro*, vol. 9, no. 1, p. 1, 2020, doi: 10.32832/astonjadro.v9i1.2694.
- [12] Y. Takefuji, “Illogical smart highway management policy in Japan,” *Transp. Eng.*, vol. 3, no. January, p. 100051, 2021, doi: 10.1016/j.treng.2021.100051.
- [13] H. R. Pasindu, D. E. Gamage, and J. M. S. J. Bandara, “Framework for selecting pavement type for low volume roads,” *Transp. Res. Procedia*, vol. 48, no. 2019, pp. 3924–3938, 2020, doi: 10.1016/j.trpro.2020.08.028.
- [14] Kementrian PU dan Perumahan Rakyat Badan pengembangan Sumber Daya Manusia, “Dasar-Dasar Perencanaan Geometrik Ruas Jalan,” p. 7, 2017.
- [15] S. Cafiso, A. Di Graziano, V. Marchetta, and G. Pappalardo, “Urban road pavements monitoring and assessment using bike and e-scooter as probe vehicles,” *Case Stud. Constr. Mater.*, vol. 16, no. January, p. e00889, 2022, doi: 10.1016/j.cscm.2022.e00889.
- [16] S. Y. O. Amakye, S. J. Abbey, and C. A. Booth, “Road pavement defect investigation using treated and untreated expansive road subgrade materials

- with varying plasticity index,” *Transp. Eng.*, vol. 9, no. March, p. 100123, 2022, doi: 10.1016/j.treng.2022.100123.
- [17] H. Saodang, *Konstruksi Jalan Raya*, vol. 13, no. April. 2005.
- [18] F. Megarani and C. A. Prastyanto, “Analisis Pemilihan Jenis Perkerasan Jalan untuk Menangani Kerusakan Jalan pada Ruas Jalan Desa Batuputih Daya Kabupaten Sumenep,” *J. Tek. ITS*, vol. 8, no. 2, pp. 38–43, 2020, doi: 10.12962/j23373539.v8i2.46687.
- [19] M. Ignaccolo *et al.*, “How to redesign urbanized arterial roads? The case of Italian small cities,” *Transp. Res. Procedia*, vol. 60, no. 2021, pp. 196–203, 2022, doi: 10.1016/j.trpro.2021.12.026.
- [20] Q. Hu, X. Li, J. Liu, and E. K. Adanu, “A low-cost approach to identify hazard curvature for local road networks using open-source data,” *Transp. Res. Interdiscip. Perspect.*, vol. 10, no. March, 2021, doi: 10.1016/j.trip.2021.100393.
- [21] M. Zadehmohamad, N. Luo, M. Abu-Farsakh, and G. Voyiadjis, “Evaluating long-term benefits of geosynthetics in flexible pavements built over weak subgrades by finite element and Mechanistic-Empirical analyses,” *Geotext. Geomembranes*, vol. 50, no. 3, pp. 455–469, 2022, doi: 10.1016/j.geotexmem.2022.01.004.
- [22] H. E. Fardin and A. G. dos Santos, “Predicted responses of fatigue cracking and rutting on Roller Compacted Concrete base composite pavements,” *Constr. Build. Mater.*, vol. 272, p. 121847, 2021, doi: 10.1016/j.conbuildmat.2020.121847.
- [23] A. Refi, A. Roza, A. P. JF, K. N. Salsabila, and A. M. Rusli, “Analisa Pengaruh Beban Kendaraan Terhadap Kerusakan dan Umur Rencana Jalan (Studi kasus perkerasan lentur jalan ByPass Padang KM 18),” *J. Ilm. Rekayasa Sipil*, vol. 18, no. 1, pp. 27–40, 2021.
- [24] Departemen Pekerjaan Umum Bina Marga, “Petunjuk Perencanaan Tebal

Perkerasan Lentur Jalan Raya Dengan Metode Analisa Komponen,”
Yayasan Badan Penerbit PU, vol. 73, no. 02, pp. 1–41, 1987.

- [25] B. Burhanuddin and J. Junaidi, “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,” *J. Tek. Sipil*, vol. 1, no. 3, pp. 553–558, 2018, doi: 10.24815/jts.v1i3.9994.
- [26] S. Sukirman, *Perencanaan Tebal Struktur Perkerasan Lentur*, vol. 53, no. 9. 1999.
- [27] P. D. Surya Emiliyanta, A. T. Mulyono, and S. H. T. Utomo, “Penanganan Lokasi Rawan Kecelakaan Di Ruas Jalan Banjarharjo–Ngemplak Kabupaten Sleman Daerah Istimewa Yogyakarta,” *J. HPJI*, vol. 8, no. 2, pp. 103–112, 2022, doi: 10.26593/jhpji.v8i2.5994.103-112.
- [28] A. H. P. Sempurna Bangun, Indriasari, “Metode Pelaksanaan Pekerjaan Konstruksi Struktur Bawah pada Perkantoran Danayasa Tower,” *J. Tek. FT UMT*, vol. 11, no. 01, pp. 1–19, 2022, [Online]. Available: <http://jurnal.umt.ac.id/index.php/jt/article/view/5896>
- [29] Direktorat Jenderal Bina Marga, “No. 02/M/BM/2017-Manual Desain Perkerasan Jalan,” no. 02, 2017.