

DAFTAR PUSTAKA

- Coduto, P.D., 1994, *Foundation Design Principles and Practices*, Prentice-Hall Inc: New Jersey.
- Cook, R.D., 1995, *Finite Element Modelling For Stress Analysis*, John Wiley Sons inc: Canada.
- Daloglu, A.T., dan Vallabhan, C.V.G., 2000, Values of k for Slab on Winkler Foundation. *Journal of Geotechnical and Geoenvironmental Engineering*, 126(5), 463-471.
- Diana, W., Hardiyatmo, H.C., 2015, Experimental Study on Expansive Soil: The Effect of Pile Installation on Slab Heave. *The 10th International Forum on Strategic Technology*, Universitas Gadjah Mada, Yogyakarta, 3-5 June.
- Diana, W., Hardiyatmo, H.C., dan Suhendro, B., 2016, Small-scale Experimental Investigation on The Behaviour of Nailed Slab System in Expansive Soil. *Advances of Science and Technology for Society: AIP Conference Proceedings 1755*, 21 July.
- Diana, W., Hardiyatmo, H.C., dan Suhendro, B., 2017, Effect of Pile Connections on The Performance of The Nailed Slab System on The Expansive Soil. *International Journal of Geomate*, 12(32), 134-141.
- Hardiyatmo, H.C., 2008, Sistem Pelat Terpaku (*Nailed Slab System*) Untuk Perkuatan Pelat Beton Pada Tanah Ekspansif. *Prosiding Seminar Nasional Teknologi Tepat Guna Penanganan Sarana Prasarana*: MPSP-FT-UGM, Yogyakarta.
- Hardiyatmo, H.C., 2009, Metoda Hitungan Lendutan Pelat dengan Menggunakan Modulus Reaksi Tanah Dasar Ekivalen Untuk Struktur Pelat Fleksibel. *Dinamika Teknik Sipil*, 9(2), 149-154.
- Hardiyatmo, H.C., 2011, Method To Analyze The Deflection Of The Nailed Slab System. *International Journal of Civil and Engineering (IJCEE-IJENS)*, 11(4), 22-28.
- Hardiyatmo, H.C., 2017a, *Perancangan Perkerasan Jalan dan Penyelidikan Tanah*, Yogyakarta: Gadjah Mada University Press.
- Hardiyatmo, H.C., 2017b, *Tanah Ekspansif Permasalahan dan Penanganan*, Yogyakarta: Gadjah Mada University Press.
- Hetenyi, M, (1974), *Beam on Elastic Foundation*, Ann Arbor: The University Of Michigan Press.
- Horvarth, J.S., ASCE, M., 1983, Modulus of Subgrade Reaction: New Perspective. *Journal of Geotechnical Engineering*, 109(12), 1591-1596.

- Johnson, N., 2016, Ground Improvement Using Granular Pile Anchor Foundation. *International Conference on Emerging Trends in Engineering Science and Technology (ICETEST)*, 263-270, Kerala, India, 5 Desember.
- Kalantari, B., 2012, Foundations on Expansive Soils: A Review. *Research Journal of Applied Sciences Engineering and Technology*, 4(18), 3231-3237.
- Keller, W.D., 1962, *The Principles of Chemical Weathering*, Lucas Bros, Columbia.
- Mohamedzein, Y.E-A., 1999, Finite Element Analysis Of Short Piles in Expansive Soils. *International Journal of Computers and Geotechnics*, 24 (1999), 231-243.
- Muntohar, A.S., 2014, *Mekanika Tanah*. Lembaga Pengembangan Penelitian, Publikasi, dan Masyarakat (LP3M), Universitas Muhammadiyah Yogyakarta: Yogyakarta.
- Nasibu, R., 2009, *Kajian Pengaruh Tiang Pada Nilai Modulus Reaksi Subgrade (kv) Pada Uji Beban Skala Penuh*, Tesis S-2, Program Pasca Sarjana, Universitas Gadjah Mada, Yogyakarta.
- Potts, M.D., Zdravkovis, 2001, *Finite Element Analysis in Geotechnical Engineering: Theory*, Thomas Terlford Publishing: London.
- Puri, A., Hardiyatmo, H.C., dan Suhendro, B., 2012, Determining Additional Modulus of Subgrade Reaction Based on Tolerable Settlement For The Nailed-slab System Resting on Soft Clay. *International Journal of Civil and Environmental Engineering (IJCEE-IJENS)*, 12(3), 32-40.
- Puri, A. dan Hardiyatmo, H.C., 2013, Behaviour of Fullscale Nailed-Slab System With Variation on Load Positions. *1st International Conference on Infrastructure Development*: UMS, Surakarta, 1-3 November.
- Puri, A., 2017, Developing Curve of Displacement Factor For Determination of Additional Modulus of Subgrade Reaction on Nailed Slab Pavement System. *International Journal of Technology*, 1(2017), 122-131.
- Puspasari, V., 2013, *Analisis Lendutan, Momen Dan Gaya Lintang Pada Sistem Pelat Terpaku Dengan Menggunakan SAP 2000*, Tesis S-2, Program Pasca Sarjana, Universitas Gadjah Mada, Yogyakarta.
- Sall, O.A., Fall, M., dan Berthaud, Y., 2013, Influence of the Elastic Modulus of the Soil and Concrete Foundation on the Displacement of a Mat Foundation. *Journal of Civil Engineering*, 3, 228-233.

Snethen, D.R., 1984, Evaluation of Expedient Methods for Identification and Classification of Potential Expansive Soil. *National Conf. Publication Proceedings 5th International Conferences on Expansive Soil*, 84(3), 22-26, South Australia, 21-23 May.

Somantri, M.A., 2013, *Kajian Lendutan Pada Sistem Pelat Terpaku Menggunakan Metode Beam on Elastic Foundation dan Metode Elemen Hingga*, Tesis S-2 Program Pasca Sarjana, Universitas Gadjah Mada, Yogyakarta.

Suhendro, B., 2006, *Sistem Cakar Ayam Modifikasi Sebagai Alternatif Solusi Konstruksi Jalan di atas Tanah Lunak*, 60 Tahun RI, Jakarta.

Waruwu, A., Hardiyatmo, H.C., dan Rifa'I, A., 2017, Deflection Behaviour of The Nailed Slab System-Supported Embankment on Peat Soil. *Journal of Applied Engineering Science*, 15(4), 556-563.

Xiao, H.B., Zhang, C.S., dan Wang, Y.H., 2011, Pile-Soil Interaction in Expansive Soil Foundation: Analytical Solution and Numerical Simulation. *International Journal of Geomechanics*, 11(3), 159-166.