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# DAFTAR PUSTAKA

Abuaddous, M., Canestrari, F., Graziani, A., Ferrotti, G., 2016. Influence of specimen dimension and test speed on the shear strength of bituminous interfaces. RILEM Bookseries 13. https://doi.org/10.1007/978-94-024-0867-6_64

Airport Engineering Division, F., 2009. AC 150/5320-6E, Airport Pavement Design and Evaluations.

Ali, S., Liu, X., Fawzia, S., Thambiratnam, D., 2023. Performance evaluation of improved flexible runway Pavement under aircraft loads. Australian Journal of Civil Engineering 21. https://doi.org/10.1080/14488353.2022.2056307

Al-Qadi, I.L., Hasiba, K.I., Cortina, A.S., Ozer, H., Leng, Z., Parish, D.C., Worsfold, S.J., 2012. Best practices for implementation of tack coat: Part 1 , Laboratory study. Illinois Center for Transportation.

Amelian, S., Kim, Y.R., 2018. Performance assessment of interlayers with different tack coats by considering loading types and failure modes. Transp Res Rec 2672. https://doi.org/10.1177/0361198118768528

Anggraini, M., Alfian Saleh, Hendri Rahmat, 2019. KAJIAN PENGARUH SEBARAN TACK COAT TERHADAP KEKUATAN GESER PADA LAPISAN PERKERASAN JALAN. SIKLUS: Jurnal Teknik Sipil 5. https://doi.org/10.31849/siklus.v5i1.2366

Arabani, M., Tahami, S.A., 2017. Assessment of mechanical properties of rice husk ash modified asphalt mixture. Constr Build Mater 149. https://doi.org/10.1016/j.conbuildmat.2017.05.127

Ashraf, A. Al, Aftab, A. Al, 2012. Distillation Process of Crude Oil. Qatar University.

Babalghaith, A.M., Koting, S., Sulong, N.H.R., Khan, M.Z.H., Milad, A., Yusoff, N.I.M., Ibrahim, M.R., Mohamed, A.H. bin N., 2022. A systematic review of the utilization of waste materials as aggregate replacement in stone matrix asphalt mixes. Environmental Science and Pollution Research. https://doi.org/10.1007/s11356-022-19447-w

Benjamin, H.S., Sendow, T.K., Waani, J.E., 2021. Perbandingan Desain Lapis Tambah (Overlay) Perkerasan Lentur Antara Metode Bina Marga Revisi Juni 2017 Menggunakan Data Lendutan BB dan Metode AASHTO 1993 Menggunakan Data Lendutan FWD. Jurnal Sipil Statik 9.

Butt, M.A., Chughtai, A., Ahmad, J., Ahmad, R., Majeed, U., Khan, I.H., 2007. Theory of Adhesion and its Practical Implications. A Critical Review. Journal of Faculty of Engineering & Technology.

Caroles, L., 2022. Pengantar Perkerasan dan Landasan, 2 ed. Wawasan Ilmu, Banyumas.

Christopher, B.R., Schwartz, C., Boudreau, R., 2006. Geotechnical aspects of pavements: Reference manual, U.S. Department of Transportation, Federal Highway Administration.

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Collop, A.C., Sutanto, M.H., Airey, G.D., Elliott, R.C., 2009. Shear bond strength between asphalt layers for laboratory prepared samples and field cores. Constr Build Mater 23. https://doi.org/10.1016/j.conbuildmat.2008.11.017

Estes, S., Olmos, O., Andrews, C., Andre, A.D., Chrysler, S., Hannon, D., 2005. Better taxiway surface markings, safer airports. Ergonomics in Design 13. https://doi.org/10.1177/106480460501300204

FAA, 2014a. Airport Design, AC 150/5300-13A. Washington D.C.

Fan, Z.D., Ren, L., Xie, H.P., Zhang, R., Li, C.B., Lu, H.J., Zhang, A.L., Zhou, Q., Ling, W.Q., 2023. 3D anisotropy in shear failure of a typical shale. Pet Sci 20. https://doi.org/10.1016/j.petsci.2022.10.017

Hu, M., Li, L., Peng, F., 2019. Laboratory investigation of OGFC-5 porous asphalt ultra-thin wearing course. Constr Build Mater 219. https://doi.org/10.1016/j.conbuildmat.2019.04.205

Huang, J., Li, R., Yin, S., Liu, P., 2021. Experimental Study on the High-Temperature Shear Performance of Asphalt Mixtures. Advances in Materials Science and Engineering 2021. https://doi.org/10.1155/2021/6428018

ICAO, 2018. Volume I Aerodrome Design and Operations to the Convention on International Civil Aviation Aerodromes International Standards and Recommended Practices.

ICAO, 2008. AIRFIELD MARKING HANDBOOK REPORT IPRF 01-G-002-05-1.

Kulkarni M B, 2004. EFFECT OF TACK AND PRIME COATS, AND BAGHOUSE FINES ON COMPOSITE ASPHALT PAVEMENTS. North Carolina State University, North Carolina.

Kurniawan, C.D., Utomo, S.H.T., Mulyono, A.T., 2022. PENGARUH SERBUK BAN KARET TERHADAP KUAT GESER PADA LAPISAN AC-WC DAN LAPISAN AC-BC. Jurnal HPJI 8. https://doi.org/10.26593/jhpji.v8i2.5997.139-148

Li, Q., Ni, F., Li, G., Wang, H., 2013. Evaluation of the dynamic modulus evaluation of the dynamic modulus for volumetric properties. International Journal of Pavement Research and Technology 6, 197–204. https://doi.org/10.6135/ijprt.org.tw/2013.6(3).197

Liu, S., Huang, R., Wang, J., Bie, J., Garcia Hernandez, A., 2024. Shear strength parameters for porous asphalt mixtures: From macro to meso. Mater Des 238. https://doi.org/10.1016/j.matdes.2024.112670

Muslich, S., 2010. Assessment of bond between asphalt layers. University of Nottingham.

Newcomb, D., 2016. Mix type selection for perpetual pavements. National Asphalt Pavement Association 14.

Nisaa, F., Adlin, A., Notatema Zebua, B.H., 2023. Perencanaan Perbaikan Infrastruktur Jalan Oleh Pemerintah Kota Pekanbaru Tahun 2023. Jurnal Administrasi Politik dan Sosial 4. https://doi.org/10.46730/japs.v4i1.92

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Raab, C., Partl, M.N., El Halim, A.E.H.O.A., 2009. Evaluation of interlayer shear bond devices for asphalt pavements. Baltic Journal of Road and Bridge Engineering 4. https://doi.org/10.3846/1822-427X.2009.4.186-195

Ragni, D., Canestrari, F., Allou, F., Petit, C., Millien, A., 2020. Shear-torque fatigue performance of geogrid-reinforced asphalt interlayers. Sustainability (Switzerland) 12. https://doi.org/10.3390/su12114381

Rahman, T., Dawson, A., Thom, N., Ahmed, I., Carvajal-Munoz, J.S., 2022. Determining the allowable opening-to-traffic asphalt temperature for airport pavements. International Journal of Pavement Engineering 23. https://doi.org/10.1080/10298436.2020.1855350

Sangiorgi, C., Collop, A.C., Thom, N.H., 2002. Laboratory assessment of bond condition using the Leutner shear test. In 3rd International Conference on Bituminous Mixtures and Pavements.

Santagata, F.A., Ferrotti, G., Partl, M.N., Canestrari, F., 2009. Statistical investigation of two different interlayer shear test methods. Materials and Structures/Materiaux et Constructions 42. https://doi.org/10.1617/s11527-008-9414-6

Sholar, G.A., Page, G.C., Musselman, J.A., Upshaw, P.B., Moseley, H.L., 2004. Preliminary investigation of a test method to evaluate bond strength of bituminous tack coats, dalam: Asphalt Paving Technology, AAPT.

Sukirman, S., 2016. Beton Aspal Campuran Panas, Institut Teknologi Nasional.

Suyuti, M.M., 2014. ANALISA TEBAL PERKERASAN DENGAN MENGGUNAKAN METODE BINA MARGA PADA RUAS JALAN GORONTALO -LIMBOTO. Jurnal Peradaban Sains, Rekayasa dan Teknologi. https://doi.org/10.37971/radial.v2i2.55

Tashman, L., Nam, K., Papagiannakis, A.T., 2006. Evaluation of the influence of tack coat construction factors on the bond strength between pavement layers. Washington State Department of Transportation. https://doi.org/10.13140/RG.2.1.4757.5522

TRB, 2012. Optimization of Tack Coat for HMA Placement, Optimization of Tack Coat for HMA Placement. https://doi.org/10.17226/13652

Wen, H., Singh, J., 2005. WISCONSIN HIGHWAY RESEARCH PROGRAM #0092-04-05 GUIDELINES FOR THE SURFACE PREPARATION/REHABILITATION OF EXISTING CONCRETE AND ASPHALTIC PAVEMENTS PRIOR TO AN ASPHALTIC CONCRETE OVERLAY FINAL REPORT.

White, G., 2017. State of the art: interface shear resistance of asphalt surface layers. International Journal of Pavement Engineering 18. https://doi.org/10.1080/10298436.2015.1126270

White, G., 2015. Adequacy of Runway Asphalt Overlay Interface Construction.

Yudaningrum, F., Ikhwanudin, I., 2017. IDENTIFIKASI JENIS KERUSAKAN JALAN (Studi Kasus Ruas Jalan Kedungmundu-Meteseh). Teknika 12. https://doi.org/10.26623/teknika.v12i2.638

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Zhang, M., Gong, H., Jia, X., Xiao, R., Jiang, X., Ma, Y., Huang, B., 2020. Analysis of critical factors to asphalt overlay performance using gradient boosted models. Constr Build Mater 262. https://doi.org/10.1016/j.conbuildmat.2020.120083

Zhu, J., Ghafoori, E., Dinegdae, Y., 2020. Characterization of asphalt mixtures and bitumen to minimize shear-related distresses in asphalt pavement.

Zaniewski J. P., and Mamlouk M. S. 1996. Pavement Maintenance Effectiveness—Preventive Maintenance Treatments Participants Handbook. FHWA-SA-96-127. FHWA,