

Lehigh University Lehigh Preserve

Fritz Laboratory Reports

Civil and Environmental Engineering

1967

List of publications and reports, soil engineering division, Fritz Engineering Laboratory, March 1967

Fritz Lab

Follow this and additional works at: <http://preserve.lehigh.edu/engr-civil-environmental-fritz-lab-reports>

Recommended Citation

Fritz Lab, "List of publications and reports, soil engineering division, Fritz Engineering Laboratory, March 1967" (1967). *Fritz Laboratory Reports*. Paper 1623.
<http://preserve.lehigh.edu/engr-civil-environmental-fritz-lab-reports/1623>

This Technical Report is brought to you for free and open access by the Civil and Environmental Engineering at Lehigh Preserve. It has been accepted for inclusion in Fritz Laboratory Reports by an authorized administrator of Lehigh Preserve. For more information, please contact preserve@lehigh.edu.

LIST OF PUBLICATIONS AND REPORTS

in

Soil Engineering Division
Fritz Engineering Laboratory

Department of Civil Engineering
LEHIGH UNIVERSITY

March, 1967

H. Y. FANG

Fritz Eng. Lab Report NO. 237.41

The following publications and reports are available in the Fritz Engineering Laboratory Library, Department of Civil Engineering, Lehigh University.

A. Publications

- √A1 Schiffman, R. L., Taylor, I. J. and Eney, W. J.
"Preliminary Report on Continuously Reinforced Concrete Pavement Research in Pennsylvania", Highway Research Board Bulletin 181, pp. 5-20, 1958.
- √A2 Yurlici, V. A.
"Reinforcement in Continuous Concrete Pavements", Proc. ASCE, Journal of Highway Division, Vol. 84, No. HW3, Oct. 1958.
- √A3 Taylor, I. J. and Eney, W. J.
"First Year Performance Report on Continuous Reinforced Concrete Pavements in Pennsylvania", Highway Research Board Bulletin 214, pp. 98-113, 1959.
- √A4 Taylor, I. J. and Eney, W. J.
"Observations on the Behavior of Continuously Reinforced Concrete Pavements in Pennsylvania", Highway Research Board Bulletin 238, pp. 23-38, 1959.
- √A5 Taylor, I. J. and Eney, W. J.
"Firmas Continuas de Hormigon Armado (Development of Continuously Reinforced Concrete Highway Pavements), Informes de la Construcción, Spain, 1959
- √A6 Taylor, I. J.
Discussion "L.T.S. Design of Continuously Reinforced Concrete Pavement" by B. McCollough and W. Eddbetter, Trans. ASCE, Vol. 127, Part IV, p. 391, 1962.
- A7 Fang, H. Y. and Schaub, James, H.
"Analysis of Elastic Behavior of Flexible Pavement" Proceedings, Second International Conference on the Structural Design of Asphalt Pavements. The University of Michigan, 1967.
- AB Varrin, Robert, D. and Fang, H. Y.
"Design and Construction of Horizontal Viscous Fluid Model" Ground Water, Vol. 4, No. 3, 1967.

B. Project Reports

- B1 Schiffman, R. L. and Wilson, Charles, R.
"Mechanical Behavior of Chemically Treated Soils". Fritz Engineering Laboratory Report No. SM-258.2, 1957.

- B2 Schiffman, R. L. and Wilson, Charles, R.
"Mechanical Behavior of Chemically Treated Soils-Freshly Stabilized Granular Soil". Fritz Engineering Laboratory Report No. SM-258.3, June, 1957.
- B3 Schiffman, R. L. and Shieh, Ying-Jer
"Mechanical Behavior of Chemically Treated Soils-Aging of Stabilized Granular Soils". Fritz Engineering Laboratory No. SM-258.4, July, 1957.
- B4 Schiffman, R. L., Taylor, I. J., and Eney, W. J.
"Continuously Reinforced Concrete Pavement Research in Pennsylvania". Fritz Engineering Laboratory Report No. 252.1, 1957.
- B5 Schiffman, R. L.
"Literature Survey on Research in Continuously Reinforced Concrete Pavements". Fritz Engineering Laboratory Report No. 256.1, 1957.
- B6 Anderson, Thor L. and Errera, Samuel, J.
"Tests of Sheet Pile Tee Sections", Fritz Engineering Laboratory Report No. 200-57.272.1, 1958.
- B7 Crabtree, A.
"The Significance of Transverse Cracks in Continuously Reinforced Concrete Pavement". Fritz Engineering Laboratory Report No. 256.7, 1958.
- B8 Fritz Engineering Laboratory
"Continuously Reinforced Concrete Pavement Research for American Iron and Steel Institute", Fritz Engineering Laboratory Report No. 252.2, 1958.
- B9 Shieh, Ying-Jer
"Theoretical Analysis of Special Problems on the Continuously Reinforced Concrete Pavements". Fritz Engineering Laboratory Report No. 256.2, 1958
- B10 Taylor, I. J.
"Development of Continuously Reinforced Concrete Highway Pavement in the U. S.". Fritz Engineering Laboratory Report No. 256.5, 1958.
- B11 Taylor, I. J. and Eney, W. J.
"Observation in the Behavior of Continuously Reinforced Concrete Pavement in Pennsylvania". Fritz Engineering Laboratory Report No. 256.8, 1958.
- B12 Yerlici, V. A.
"An Experimental Study on the Influence of Continuous Reinforcement on the Crack Pattern of Long Concrete Pavements". Fritz Engineering Laboratory Report No. 256.4, 1958.

- B13 Yerlici, V. A.
"Notes on the Possible Bauschinger Effect on the Reinforcement Steel in a Continuously Reinforced Concrete Pavement". Fritz Engineering Laboratory Report No. 256.6, 1958.
- B14 Cooper, Peter, B.
"Reinforcement Overlap Tests".
Fritz Engineering Laboratory Report No. 256.10, Sept. 1960.
- B15 Hanson, Roger, M.
"Footing Contact Pressure Set by Compressibility Data"
Fritz Engineering Laboratory Report No. 254.164, 1961.
- B16 Kocaoglu, Dundar
"An Investigation of Overlap Failures in Continuously Reinforced Concrete Pavements". Fritz Engineering Laboratory Report No. 256.12, 1962.
- B17 Taylor, I. J., Liebig, J. O., Jr. and Eney, W. J.
"Continuously Reinforced Concrete Pavement on U. S. Route 22 Berks County, Pennsylvania". Fritz Engineering Laboratory Report No. 256.9, Feb., 1962.
- B18 Taylor, I. J.
"Experimental Pavement on U. S. Route 111 in New York County, Pennsylvania". Fritz Engineering Laboratory Report No. 256.11, March, 1962.
- B19 Fong, H. Y.
"Facilities of the Soil Mechanics Laboratory", Fritz Engineering Laboratory Report No. 237.38, Dec., 1966.
- B20 Garde, Joseph, J., Jr.
"Development of Automatic Liquid Limit Device". Fritz Engineering Laboratory Report No. 134.1, March, 1967.

C. Special Reports and Thesis

- C1 Buhl, J. E., Jr.
"Consolidation Test Studies", C.E. 440, Fritz Engineering Laboratory Report No. 354.229, June, 1954.
- C2 Fungaroli, A.
"An Appraisal of the Methods Used to Obtain Subsurface Soil Profiles", Fritz Engineering Laboratory Report No. 354.207, 1955.
- C3 Fungaroli, A.
"The Effect of Impeded Drainage on the Rate of Consolidation of a Soil Mass", C.E. 440, Fritz Engineering Laboratory Report No. 354.10, April, 1956.

- C4 Jensen, C. D. and Schiffman, R. L.
"Soil Mechanics Laboratory Manual:; Soil Engineering Division, Lehigh University. Fritz Engineering Laboratory Report No. 354.367, 1956.
- C5 Lyse, P. K.
"Repose on History and Certain Phases of Rock Tunneling", C.E. 104, Fritz Engineering Laboratory Report No. 354.4, May, 1956.
- C6 McKelvey, R. W., Jr.
"Considerations for Bridge Foundation Design and Construction", C.E. 104, Fritz Engineering Laboratory Report No. 354.6, May, 1956.
- C7 Constante, G.
"Shearing Strength of Soils". C.E. 400, Fritz Engineering Laboratory Report No. 354.57, Jan. 1957.
- C8 Wilson, W. E.
"Soil Consolidation", C.E. 400, Fritz Engineering Laboratory Report No. 354.37, 1957.
- C9 Constante, G. R.
"Fly Ash Stabilization", C.E. 400, Fritz Engineering Laboratory Report No. 354.34, 1958.
- C10 Crabtree, A.
"The Significance of Transverse Cracks in Continuously Reinforced Concrete Pavement", C.E. 400, Fritz Engineering Laboratory Report No. 354.71, 1958.
- C11 Levi, V.
"Shearing Strength of Clays", C.E. 440, Fritz Engineering Laboratory Report No. 354.64, June, 1958.
- C12 Shieh, Ying-Jer
"Theoretical Analysis of Special Problems on the Continuously Reinforced Concrete Pavements". M.S. Thesis, Fritz Engineering Laboratory Report No. 354.59, 1958.
- C13 Carle, R. J.
"Experimental Soil Mechanics", C.E. 406, Fritz Engineering Laboratory Report No. 354.125, June, 1959.
- C14 Mehta, M. K.
"Shear Characteristic of Cohesive Soils", C.E. 400, Fritz Engineering Laboratory Report No. 354.89, Jan. 1959.
- C15 River, E.
"Rigid Pavement or Concrete Slab on Ground for Airport Pavements, Roads and Floor", C.E. 400, Fritz Engineering Laboratory Report No. 354.91, Jan. 1959.

- C16 Yerlici, V. A.
"Design of the Reinforcement in Continuously Reinforced Concrete Highway Pavements". Fritz Engineering Laboratory Report No. 354.52, 1959.
- C17 Baillie, D. S.
"A Study of Compacted Clays", C.E. 440, Fritz Engineering Laboratory Report No. 354.149, June, 1960.
- C18 Brach, P. C.
"Vane Shear Tests and Equipment Design", C.E. 400, Fritz Engineering Laboratory Report No. 354.150, June, 1960.
- C19 McCarthy, D. F., Jr.
"Review of the Theory and Application of Sand Drains", C.E. 440, Fritz Engineering Laboratory Report No. 354.148, May, 1960.
- C20 Adams, P. M., Jr.
"The Stress-Strain Properties of Lime-Stabilized Kaolin Clay", C.E. 103, Fritz Engineering Laboratory Report No. 354.187, June, 1961.
- C21 Hussein, Z.
"The Vertical Earth Pressure on Culverts", C.E. Report, Fritz Engineering Laboratory Report No. 354.164, May, 1961.
- C22 Rosner, J. C.
"The Physio-Chemical Effects of Sulfates on Lime Stabilized Grundite". C.E. 440, Fritz Engineering Laboratory Report No. 354.166, June, 1961.
- C23 Kocaoglu, Dundar
"An Investigation of Overlap Failures in Continuously Reinforced Concrete Pavements", M.S. Thesis, Fritz Engineering Laboratory Report No. 354.292, 1962.
- C24 McCarthy, D. F.
"Compression Characteristics of Compacted Micaceous Soils", M.S. Thesis, Fritz Engineering Laboratory Report No. 354.179, 1962.
- C25 Baldino, J. D.
"Analysis of a Factorially Designed Experiment on Lime Stabilized Pure Clay Materials", C.E. 440, Fritz Engineering Laboratory Report No. 354.253, Oct., 1963.
- C26 Haeuble, R. J. and Walton, D. T.
"A Study of Compaction and Compressibility of Natural Micaceous Soils", C.E. 103, Fritz Engineering Laboratory Report No. 254.261, Jan., 1964.
- C27 Gurda, Joseph J. Jr.
"Development of Automatic Liquid Limit Device", C.E. 103, Fritz Engineering Laboratory Report No. 354.368, March, 1967.