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PUBLICATIONS (Journal)

- 2003 Parsons, R.L, Milburn, J.P. "Engineering Performance of Stabilized Soils." *Transportation Research Record: Journal of the Transportation Research Board*. No. 1837. National Research Council. Washington D.C. 20-29.
- 2002 Parsons, R.L. and Frost, J.D. "Evaluating Site Investigation Quality Using GIS and Geostatistics." *Journal of Geotechnical and Geoenvironmental Engineering*, ASCE. 128(6). 451-461.
- 2001 Deaton, S.L., Frost, J.D., Luna, R., and Parsons, R.L. "GIS-Based Evaluation of Geotechnical Borehole Log Quality." *Transportation Research Record: Journal of the Transportation Research Board*. No. 1755. National Research Council. Washington D.C. 15-25.
- 2000 Parsons, R.L., Frost, J.D. "Interactive Analysis of Spatial Subsurface Data Using a GIS-Based Tool." *Journal of Computing in Civil Engineering*, ASCE. 14(4). 215-222.
- 2000 Parsons, R.L., McDonnell, J.J. "Use of Electrical Conductivity to Determine the Location of Subsurface Coal Mining Activity." *Use of Geophysical Methods in Construction*. ASCE Geotechnical Special Publication 108. 170-186.

PUBLICATIONS (PROCEEDINGS)

- 2004 Parsons, R.L. "Durability of Fly Ash Stabilized Subgrades." *Proceedings of the 83th Annual Meeting, Transportation Research Board*. National Research Council. Washington D.C., January 11-16. CD-ROM.
- 2004 Parsons, R.L. "Lateral Pressures on Bridge Abutments from CLSM." *Proceedings of the 83th Annual Meeting, Transportation Research Board*. National Research Council. Washington D.C., January 11-16. CD-ROM.
- 2003 Parsons, R.L., and Milburn, J.P. "Monitoring Stabilized Soils Using the Soil Stiffness Gauge." *Proceedings of Soil Rock America 2003*, 12th Panamerican Conference on Soil Mechanics and Geotechnical Engineering, Cambridge, Massachusetts. pp 2709-2713.
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- 2002 Cross, S.A., Parsons, R.L. "Evaluation of Expenditures on Kansas Rural Interstate Pavements." *Proceedings of the 81st Annual Meeting, Transportation Research Board*. National Research Council. Washington D.C., January 7-11. CD-ROM.
- 2001 Parsons, R.L., Johnson, C.J., and Cross, S.A. "Evaluation of Field Mixing and Construction Procedures for Lime Modified Subgrades." *Proceedings of the 80th Annual Meeting, Transportation Research Board*. National Research Council. Washington D.C., January 7-11. CD-ROM.
- 1998 Parsons, R.L., Frost, J.D., Chameau, J-L.A., Tsai, Y.C. "GIS-ASSESS: A Spatial Analysis Tool for Site Investigation Planning and Evaluation." *Proceedings of ISC '98, International Conference on Site Characterization*. pp 251-256. Atlanta, Georgia.

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- 2003 Parsons, R.L. and Frost, J.D. "Evaluating Site Investigation Quality Using GIS And Geostatistics" (Closure). *Journal of Geotechnical and Geoenvironmental Engineering*, ASCE. 129(9). 867-868.
- 2003 Milburn, J.P., Parsons, R.L. *Performance of Soil Stabilization Agents*. Kansas Department of Transportation. Contract KU-01-08. 109p. (In press).
- 2003 Schmitz, M., Parsons, R.L., Ramirez, G., Zhao, Y. (2003). *Use of Controlled Low-Strength Material as Abutment Backfill*. Kansas Department of Transportation. In press. Contract KU-02-06. 72p.
- 2002 Parsons, R.L. *Subgrade Improvement through Fly Ash Stabilization*. Kansas University Transportation Center, Sponsored by the City of Overland Park, Kansas. 16p.
- 2002 Parsons, R.L., Foster, D.H., and Cross, S.A. *Compaction and Settlement of Existing Embankments*. Kansas Department of Transportation. US DOT Publication ID: 00924258. 145p.
- 2001 Cross, S.A, and Parsons, R.L. *Evaluation of Expenditures for Kansas Rural Interstate Pavements- Final Report*. Kansas University Transportation Center. Sponsored by the Kansas Asphalt Pavement Association. 81p.
- 2001 Parsons, R.L. *Recipe for a Stable Subgrade*. KUTC Newsletter. University of Kansas Transportation Center. Winter, 2001.
- 2001 Parsons, R.L., Johnson, C.P., and Cross, S.A. *Evaluation of Soil Modification Mixing Procedures*. Kansas Department of Transportation. US DOT Publication ID: 00812526. 83p.
- 1999 Parsons, R.L. and Cross, S.A. *Performance of Fly Ash as a Modification/Stabilization Agent in Clay Soils*. Research Report for Fly Ash Management. 8p.
- 1996 Saunders, M.F., Jones, A.J., Parsons, R.L., and Tsai, Y.C.; *Policy Analysis for the Design and Use of Intelligent Environmental Site Assessment Programs*. Report produced for the U.S. Army under contract DACA88-94-D-0025. 42p.