

## LTRC Research Reports

<b>Rpt #</b>	<b>Title, Authors, Publication Date, Other Relevant Information</b>
1	<i>Concrete Pavement Research</i> , H.L. Lehmann & C.M. Watson, Part I-1956, Part II-1958
2	<i>Use of Self Propelled Pneumatic Tired Rollers in Bituminous Construction and Recommended Procedures, A Special Report</i> , Verdi Adam, 1958
3	<i>Use of Expanded Clay Aggregate in Bituminous Construction</i> , H.L. Lehmann & Verdi Adam, June 1959
4	<i>Application of Marshall Method in Hot Mix Design</i> , H.L. Lehmann & Verdi Adam, June 1959
5	<i>Viscosity in Hot Mix Construction</i> , Verdi Adam, November 1959
6	<i>Slab Breaking &amp; Seating on Wet Subgrades with Pneumatic Roller</i> , Jimmy Lyon, Jr., 61-4B, January 1963
7	<i>Lightweight Aggregate Abrasion Study</i> , H.B. Rushing, 61-7C, February 1963
8.	<i>Texas Triaxial R-Value Correlation</i> , H.L. Roland, 61-1S, March 1963
9	<i>Asphaltic Concrete Pavement Survey</i> , S.C. Shah, 61-1B, April 1963
10	<i>Compaction of Asphaltic Concrete Pavement with High Intensity Pneumatic Roller, Part I</i> , Verdi Adam, S.C. Shah & P.J. Arena, 61-7B, July 1963
11	<i>A Rapid Method of Soil Cement Design</i> , H.L. Roland & A.S. Kemahlioglu, 61-8S, March 1964
12	<i>Correlation of the Manual Compaction Hammer with Mechanical Hammers for the Marshall Method of Design for Asphaltic Concrete</i> , P.J. Arena, 63-1B, September 1964
13	<i>Nuclear Moisture -- Density Evaluation</i> , H.L. Roland, 62-1S, November 1964
14	<i>Service Temperature Study for Asphaltic Concrete</i> , P.J. Arena, 61-3B, October 1964
15	<i>Quality Control Analysis, Part I -- Asphaltic Concrete</i> , S.C. Shah, 63-1G, November 1964
16	<i>Typical Moisture Density Curves</i> , C. M. Higgins, 61-11S, May 1965

- 17 *High Pressure Lime Injection*, C.M. Higgins, 63-7S, August 1965
- 18 *Durability of Lightweight Concrete, Phase III -- Freezing & Thawing Tests of Lightweight Concrete*, H.B. Rushing, 61-8C, August 1965
- 19 *Compaction of Asphaltic Concrete Pavement with High Density Pneumatic Rollers, Part II -- Dentification Due to Traffic*, S.C. Shah, 61-7B, October 1965
- 20 *A Rapid Method for Soil Cement Design -- Louisiana Slope Value Method, Part II -- Evaluation*, C.M. Higgins, A.S. Kemahlioglu, Verdi Adam, 61-8S, May 1966
- 21 *Typical Moisture Density Curves, Part II -- Lime Treated Soils*, C.M. Higgins, 61-11S, May 1966
- 22 *Nuclear Moisture Density Evaluation, Part II*, 62-1SB, May 1966
- 23 *Quality Control Analysis, Part II -- Soil Aggregate Base Course*, S.C. Shah, 63-1G, May 1966
- 24 *Quality Control Analysis, Part III -- Concrete Aggregate*, S.C. Shah, 63-1G, November 1966
- 25 *Shell Concrete Pavement*, H.B. Rushing, 62-1C, October 1966
- 26 *Evaluation of the Gyrotory for Use in Designing Asphaltic Concrete Mixtures*, P.J. Arena, 61-2B, December 1966
- 27 *Nuclear Density Evaluation on Asphaltic Concrete*, P.J. Arena, 62-1SB, April 1967
- 28 *Solid Rubber Tire Roller Study*, P.J. Arena, 63-4B, June 1968
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- 34 *Concrete Wear Study*, H.B. Rushing, 63-8C, June 1968

- 35 *Paint Study*, D.G. Azar, 63-1CH, December 1968
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- 43 *Evaluation of Organic Zinc Coatings*, D.G. Azar, 69-1CH(B), August 1969
- 44 *Concrete Probe Strength Study*, S.M. Law & W.T. Burt, 68-2C(B), November 1969
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- 53 *Electronic Logging & Gamma Ray Logging Device Study*, W.C. Walters & S. Bokun, 69-1S, April 1971
- 54 *AASHO Correlation Study*, Lyon, Shah, Burt & Law, 63-4SC, May 1971
- 55 *Soil Cement Design Study*, W.T. Burt & J.L. Melancon, 68-9S, May 1971
- 56 *Erosion Control Study*, A.L. Cox, R.C. Adams & T.B. Lawson, 63-2M

- 57 *Drainage Pipe Study*, D.G. Azar, 64-1CH, May 1971
- 58 *Paving Block Study*, A.L. Cox, 68-6H(B), October 1971
- 59 *Control Strip Study*, S.C. Shah, 69-2S, September 1971
- 60 *Evaluation of Raised Pavement Markers*, H.R. Rushing, J.O. Burt & E.J. LeBlanc, 68-1T, November 1971
- 61 *Bridge Inspection Research*, S.A. Masca, A.J. Dunn & J.G. Bizette, 71-2M(B), January 1972
- 62 *Evaluation of Slab Sod Thickness*, S.M. Law, M-1, January 1972
- 63 *Evaluation of Joint Sealant Materials*, W.T. Burt, D.G. Azar & J.C. Meyers, 69-2G, December 1971
- 64 *Evaluation of Masonry Coatings*, J.E. Ross & E.J. LeBlanc, 68-3C(B), June 1972
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- 69 *Rapid Setting Concrete Patching Study*, J.E. Cross, 71-1C(B), August 1973
- 70 *Grooving of Concrete Pavements*, W.C. Walters & S.G. Bokun, 67-1G, August 1973
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- 73 *Evaluation of a Drainage Blanket in Asphalt Section*, J.C. Meyers, 72-8B(B), November 1973
- 74 *Evaluation of Sand Fills*, R.W. Kinchen & J.L. Melancon, S-23, November 1973
- 75 *Luminary Vibration Supression Study*, J.O. Burt & E.J. LeBlanc, 71-3C(B), February 1974

- 76 *Erosion Evaluation Study*, S.M. Law & S.J. Vaccaro, 69-4M, June 1974
- 77 *Evaluation of a Clam Shell Embankment Bridging Marshland Soil*, R.W. Kinchen, J.L. Melancon & A.S. Kemahli, 72-1S(B), May 1974
- 78 *Highway Noise Study*, D.W. Babin, 71-2G(B), May 1974
- 79 *Laboratory Evaluation of Rubber Asphalt Paving Mixtures*, D.E. Carey, 72-10(B), June 1974
- 80 *A Correlation of Various Smoothness Measuring Systems for Asphaltic Concrete Surfaces*, S.C. Shah, 71-1(B), June 1974
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- 83 *Evaluation of Full Depth Asphaltic Concrete Pavement*, W.H. Temple, 72-7B(B), November 1974
- 84 *Rapid Setting Concrete Patching Study*, J.E. Cross, 71-1C(B), January 1975
- 85 *Bridge Deck Deterioration Study*, J.E. Ross, 72-2C(B), January 1975
- 86 *Evaluation of Continuously Reinforced Concrete Pavement*, Zahir Bolourchi & W.H. Temple, P-8, February 1975
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- 105 *Advance Traffic Control Warning Systems for Maintenance Operations (Final Report)*, S.C. Shah & G.L. Ray, 72- 1M, July 1976
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- 109 *Asphaltic Concrete Overlays of Rigid and Flexible Pavements (Interim Report, No. 1)*, R.W. Kinchen & W.H. Temple, 69-3B, April 1977

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- 121 *The Protection Effectiveness of Waterproof Membrane System on Bridge Decks in Louisiana (Final Report)*, J.E. Cross, 75-2C, August 1978
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- 168 *Field Calibration of Dutch Cone Penetrometers for Louisiana Soils*, W.C. Walters, 80-1S(B), December 1983
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- 203 *Heat Straightening Effects on the Behavior of Full-Scale Simulated Bridge Girders*, LSU, R. Avent & G. Fadous, 85-3ST, August 1987

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