ATLSS Reports

Written by Administrator
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05-09: Horizontal Shear Capacity of Composite Concrete Beams Without Ties Literature Review and Test Program  
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05-10: Evaluation of Bond Mechanics in Prestressed Concrete Applications  
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05-21: Field Study of the SR 1045 Hares Hill Road Bridge over French Creek in Chester County, PA H. Mahmoud, R. Connor

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06-01: Analytical and Large-Scale Experimental Studies of Earthquake-Resistant Buckling-Restrained Braced Frame Systems L. Fahnestock, R. Sause, J. Ricles

06-02: Evaluation of a Proposed Composition of CU-Ni HPS – 1210W J. Ricles, R. Stout
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06-06: Approaches to the Fort Duquesne Bridge Retrofit of Fatigue and Fracture Details
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06-21: 2006 Summer Research Experience for Undergraduate Program

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07-01: Study of Two-Span Continuous Tubular Flange Girder Demonstration Bridge

07-02: Behavior of Horizontally Curved Steel Tubular-Flange Bridge Girders

07-03: Investigation of the Impact of Environmental Conditions on Field Welded Precast Concrete Connections

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07-06: Evaluation of Concrete Cracking in the Lyman Run State Park Dam Structures

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07-08: Uniaxial Tensile Testing of Superelastic CuAlBe Wires at Cold Temperatures
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07-09: Seismic analysis and design of steel concentrically braced frames with self-centering friction
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08-05: J. Kovach, C. Naito

08-06: Inspection Methods & Techniques to Determine Non Visible Corrosion of Prestressing Strands
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10-01: Bond Performance of Sprayed Fire Resistive Material (SFRM) On Steel Plates Subjected to Tensile Loading
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10-11: Improved Corrosion Resistant Steel for Highway Bridge Construction
J. Gross, R. Stout, D. Cook, J. Roberts, K. Arico, M. Conrad
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10-15: **Fatigue and Static Testing of Shear Key Details for the Tindall Torbine Tower Base**

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14-01: **Designing and Detailing Post Tensioned Bridges to Accommodate Non-Destructive Evaluation**

C. Cercone, C. Naito, J. Corvea, S. Pessiki, W. Keller, S. Pakzad