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## Ground Modification

- Corporate Brochure - Hayward Baker*: A45
- Ground Modification Techniques for Railroad Subgrade Improvement*: Pengelly. AREMA, 2000. Z30
- Assessing and Repairing Deep Foundations for Transportation Projects*: Boehm, Gorski. 51st Annual Highway Geology Symposium, 2000. Z28
- Underpinning Structures: Today's Methods Are Faster, Cheaper and Safer*: Burke. *Structural Engineer*. March 2000. Z26
- Repair of Deep Foundations*: Boehm, Cavey, Nufer and Brengola. Deep Foundations Institute, 1999. Z27
- Ground Improvement Case Histories for Liquefaction Mitigation of Ports and Near-Port Structures*: Koelling and Dickenson. Geotechnical Earthquake Engineering and Soil Dynamics Conference, 1998. Z24
- Ground Stabilization in North America*: Wheeler. *Tunnels & Tunneling*, 1998. Z23
- Excellence in Geotechnical Engineering: Ground Modification Milestones*: Welsh. Central Pennsylvania Geotechnical Conference, 1997. Z13
- Ground Improvement Case Histories for Highway Construction*: Koelling. 45th Highway Geology Symposium, 1994. Z20
- Ground Modification Techniques Applied to Sinkhole Remediation*: Henry. Third Multi-Disciplinary Conference on Sinkholes, Fort Lauderdale, 1989. Z15

## Chemical Grouting

- Planning and Performing Horizontal Directional Drilling for Soil Grouting*: Blakita. Geo-Denver, 2000. D38
- Role and Performance of Chemical Grout in the Underpinning of an Active Subway Station*: Drooff, Dobbels and Wheeler. Rapid Excavation and Tunneling Conference, 1999. D41
- Horizontal Chemical Grouting Beneath the Hollywood Freeway, Los Angeles Metrorail C-311*: Taylor, Cavey, and Roach. Rapid Excavation and Tunneling Conference, 1997. D37
- Rest In Peace*: Horizontal Directional Drilling and Chemical Grouting for Washington Subway. Blakita and Cavey. *Civil Engineering*, December, 1995. D22

## Project Summaries

- NEW: Moffitt Cancer Center, Tampa, FL:** Site Improvement. DJ13932
- Battelle Columbus Laboratories, Columbus, OH:** Underpinning and Lateral Support. DJ13027
- Boston Central Artery, Boston, MA:** Soil Stabilization for Tunneling. DJ13134
- Price Road Drainage Tunnel, Tempe, AZ:** Soil Stabilization for Tunneling. D31
- West River Bridge, West Haven, CT:** Settlement Control. DJ13242

## Cement Grouting

- Remedial Grouting of Dworshak Dam*: Smoak, Gularte and Culp. ASCE National Convention, 1998. F15

## Project Summaries

- City Place Station, Dallas, TX:** Subgrade Stabilization. F43195

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## Compaction Grouting

- *Compaction Grout Brochure: Grout Types, Applications, Design, Quality Control and Case Histories.* E36
- **NEW: Using the Grouting Intensity Number to Assess Compaction Grouting Performance:** Harris and Perkins. Grouting and Ground Treatment-10 Year Update, DFI, 2003. E43
- **NEW: Case Studies in Applications of Grouting and Deep Mixing: Use of Compaction Grout Columns to Stabilize Uncontrolled Loose Fill and to Lift a Settled Tunnel:** Scherer, Boghart, Hundley, J.R. Hill. Grouting and Grounds Treatment - 10 Year Update, DFI, 2003. E44
- *Minipiles and Compaction Grouting for Seismic Retrofit of Transportation Structures In The New Madrid Fault Zone:* Scherer, Hill. DFI, 2001. E42
- *Assessing and Repairing Deep Foundations for Transportation Projects:* Boehm, Gorski. 51st Annual Highway Geology Symposium, 2000. Z28
- *Compaction Grouting Versus Cap Grouting for Sinkhole Remediation in East Tennessee:* Siegal, Belgeri, Terry. 7th Multidisciplinary Conference on Sinkholes and the Environmental Impact of Karst, 1999. E40
- *Sinkhole Solution: Compaction Grouting at Eagle Ridge Mall, FL:* Hussin, Eduardo and Elliott. *Civil Engineering*, 1999. E39
- *Compaction Grouting to Reduce Seismic Risk and Collapse Potential for Freeway Storm Drain System:* Reed, Hourihan and Thornton, Geotechnical Earthquake Engineering and Soil Dynamics, ASCE, 1998. E37
- *Compaction Grouting of a Deep Embankment Fill Along Interstate I-15, Virgin River Gorge:* Taylor, Gorski and Alexander. 49<sup>th</sup> Highway Geology Symposium, 1998. E35
- *Design and Construction of a Compaction Grouting Program to Remediate a Highway Over Karst:* Blakita and Johnson. *GeoLogan*, 1997. E32
- *Compaction Grouting in a Canyon Fill:* Lamb and Hourihan. Verification of Geotechnical Grouting, ASCE, 1995. E38
- *A Case History of Compaction Grouting to Improve Soft Soils Over Karstic Limestone:* Stapleton, Corso, and Blakita. Fifth Multidisciplinary Conference on Sinkholes, 1995. E31
- *A Case Study of Compaction Grouting for Foundation Support in Karst Terrain:* Gularte, Griffis, Kasunich and Best. Fourth Multidisciplinary Conference on Sinkholes, 1993. E30
- *Reduction of Liquefaction Potential by Compaction Grouting at Pinopolis West Dam, SC:* Baez and Henry. Geotechnical Practice in Dam Rehabilitation, ASCE 35, 1993. E29
- *A Design Theory for Compaction Grouting:* Schmertmann and Henry. Grouting, Soil Improvement and Geosynthetics. Geotechnical Division, ASCE, 1992. E23

## Project Summaries

- **NEW: Manitowoc Water Treatment Plant, Manitowoc, WI:** Foundation Rehabilitation. EJ13539
- **Brown University, Providence, RI:** Void Filling, Settlement Control. EJ13484
- **Dry Dock #3, Philadelphia Naval Yard, Philadelphia, PA:** Void Filling, Settlement Control, Structural Rehabilitation. EJ13448
- **Hampton Inn & Suites, Salem, VA:** Karst, Site Improvement. EJ33230
- **Industrial Warehouse, Nashville, TN:** Warehouse Remediation. Settlement Control. EJ20049
- **Interstate 70, Frederick, MD:** Karst, Sinkhole Remediation. EJ13142
- **McClellan Pump Station, Littleton, CO:** Soil Densification. EJ47164
- **Naval Air Station, North Island, San Diego, CA:** Liquefaction Mitigation. EJ53196
- **New York State Electric and Gas Company, Binghamton, NY:** Settlement Control. EJ13509
- **Pine Island Pond, Manchester, NH:** Displacement Grouting. EJ13374
- **Private Estate, Nashville, TN:** Settlement Control. EJ20030
- **St. Paul AME Church, Atlanta, GA:** Settlement Control, Slab Re-Leveling. EJ20029
- **W.A.C. Bennett Dam, Williston Lake, BC:** Sinkhole Remediation. EJ83007
- **Water Filtration Plant, Wanaque, NJ:** Site Improvement, Soil Stabilization. EJ1649

## Dynamic Deep Compaction

- *Dynamic Deep Compaction of Sanitary Landfill to Support Superhighway:* Welsh. 8th European Conference on Soil Mechanics and Foundation Engineering, Helsinki, 1983. K13
- *Foundation Densification for Fossil Plant Loads:* Kessler and Kyretski. ASCE Spring Convention, 1984. K16
- **Coal Harbor Marina, Vancouver, BC:** Liquefaction Mitigation, Site Improvement, Slope Stabilization. KJ0844
- **Dart Bus Facility, Dallas, TX:** Site Improvement. KJ43246
- **Riverview Apartments, Salt Lake City, UT:** Liquefaction Mitigation, Site Improvement. KJ53125

## Vibro Systems

- **Vibro Systems Brochure:** Vibro-Compaction/Replacement, Design Considerations, Liquefaction, Quality Assurance and Selected Projects. J83
- **Seismic Upgrade of the Oak Street Bridge, Richmond/Vancouver, BC, Canada - A Case History:** Koelling. 1st International Engineering and Construction Symposium, 2001. J93
- **The Densification of Granular Soils Using Vibro Methods:** Slocombe, Bell, Baez. TRB, 2000. J91
- **A Case Study of Ground Improvement for a Major Power Plant in Jacksonville, FL:** Nnadi, Kinnear, Hussin, Flood. GeoOdyssey, 2001. J90
- **A Timely Solution for the Nojoqui Grade Landslide Repair: US 101 South of Buellton, CA:** Gorski, Connor. 51st Annual Highway Geology Symposium, 2000. J88
- **Comparison of SPT-CPT Liquefaction Evaluations and CPT Interpretations:** Baez, Martin, Youd. Geo-Denver, 2000. J87
- **Comparison of Deep Foundation Performance in Improved and Non-Improved Ground Using Blast-Induced Liquefaction:** Ashford, Rollins and Baez. Geo-Denver, 2000. J86
- **Liquefaction Mitigation Using Stone Columns Around Deep Foundations: Full-Scale Test Results:** Ashford, Rollins, Weaver and Baez. TRB, 2000. J85
- **Vibro-Replacement in Residual Soils for Grain Storage Silos:** Tice and Hussin. ASCE National Convention, 1999. J84
- **Composite Ground Reinforcement Foundation System for Large Capacity Grain Domes Under Static and Seismic Loads: Parts I&II:** Shao, Lopez, Lam and Gularte. XI Panamerican Conference on Soil Mechanics, 1999. J81
- **Liquefaction Mitigation of Silty Dam Foundation Using Vibro-Stone Columns and Drainage Wick Drains: A Test Section Case History at Salmon Lake Dam:** Kluering, Dewey, Majia, Stevens and Baez. ASDSO '98. J77
- **Ground Improvement at Albany Airport, New York:** Soydemir, Swekosky, Baez and Mooney. GeoLogan, 1997. J74
- **Seismic Ground Improvement for Bridge Sites:** Baez. Fourth CALTRANS Seismic Research Workshop, CADOT, 1996. J71
- **The Design of Vibro Replacement:** Priebe. Ground Engineering, 1995. J80
- **Bottom-Feed Stone Columns, Wet Replacement Construction Method: Mormon Island Auxiliary Dam Modifications:** Allen, Jones and Gularte. Soil Improvement for Earthquake Hazard Mitigation, ASCE, 1995. J76
- **Verification of Stone Column Construction: Mormon Island Auxiliary Dam:** Kelsic, Stevens and Mclean. Soil Improvement for Earthquake Hazard Mitigation, ASCE, 1995. J75
- **Permeability and Shear Wave Velocity of Vibro-Replacement Stone Columns:** Baez and Martin. Soil Improvement for Earthquake Hazard Mitigation, ASCE, 1995. J68
- **Soil Improvement by Stone Columns at the Puerto Vallarta Waste Water Treatment Plant:** Baez and Lopez. Tenth Panamerican Conference on Soil Mechanics and Foundation Engineering, Guadalajara, Mexico, 1995. J73
- **Wando Terminal Ground Improvement Program:** Hussin and Foshee. Dredging '94. J64
- **Advances in the Design of Vibro Systems for the Improvement of Liquefaction Resistance:** Baez and Martin. Symposium on Ground Improvement, Vancouver Geotechnical Society, 1993. J72
- **Quantitative Evaluation of Stone Column Techniques for Earthquake Liquefaction Mitigation:** Baez and Martin. Earthquake Engineering, Tenth World Conference, 1992. J57
- **Analysis of Quick Load Tests on Stone Columns: Case Histories:** Hussin and Baez. Deep Foundation Improvements: Design, Construction, and Testing, ASTM STP 1089, 1991. J40

## Vibro-Compaction Project Summaries

- **Bridge Structure, East Cape Girardeau, IL:** Site Improvement, Liquefaction Mitigation. JJ13198
- **Coal Harbor Marina, Vancouver, BC:** Site Improvement, Liquefaction Mitigation. JJ0844
- **Hotel and Office Complex, West Palm Beach, FL:** Site Improvement. JJ0201
- **Wastewater Treatment Facility, Modesto, CA:** Site Improvement, Liquefaction Mitigation. J29

## Vibro-Replacement (Stone Columns) Project Summaries

- **NEW: I-35 Overpass, West Des Moines, IA:** Slope Stabilization. JJ13547
- **Bridge Structure, East Cape Girardeau, IL:** Site Improvement, Liquefaction Mitigation. JJ13198
- **Hampton Inn & Suites, Salem, VA:** Site Improvement. JJ32230
- **Naval Air Station, North Island, San Diego, CA:** Liquefaction Mitigation, Densification, Underpinning, Site Improvement. JJ53196
- **7th Street Terminal, Oakland, CA:** Site Improvement, Liquefaction Mitigation. JJ2603
- **Shiploader No. 2, Port Moody, Vancouver, BC:** Improvement of Underwater Fill, Liquefaction Mitigation. JJ83005
- **SR500 - Andresen Road, Vancouver, WA:** Site Improvement, Liquefaction Mitigation. JJ53018
- **Tapia Water Reclamation Facility, Malibu Canyon, Calabasas, CA:** Site Improvement, Liquefaction Mitigation. J35

## Vibro Concrete Columns

- **Vibro Concrete Columns System Description.** J62
- **Embankment Construction in Soft Soils Using Vibro Concrete Columns:** Hussin, Abernathy, Hall. GeoOdyssey, 2001. J89
- **Ground Modification with Vibro Concrete Columns:** Hussin. Civil Engineering - Gateway to Florida's Future, 1994. J67

## Project Summaries

- **NEW: State Road-10 Over San Pablo Creek, Jacksonville, FL:** Site Improvement. JJ33832
- **North Rhett Avenue, Charleston, SC:** Settlement Control. JJ33387
- **Westway Corporation, Philadelphia, PA:** Site Improvement. JJ13056

## Jet Grouting

- Jet Grout Brochure:** Jet Grout Types, Applications, Design, Quality Control and Case Histories. G32
- NEW: A Ten Year Perspective of Jet Grouting: Advancements in Applications and Technology:** Burke, Brill, Ringen. Grouting and Ground Treatment - 10 Year Update, DFI, 2003. GG57
- NEW: Improving Deep-Seated Soft Clays Using SuperJet Grouting:** Boehm, Senapathy, Davie. Grouting and Ground Treatment - 10 Year Update, DFI, 2003. GG55
- NEW: Countermeasure Construction Using Jet Grouting Methods to Combat Foundation Scour:** Boehm. First International Conference on Scour of Foundations, 2002. GG49
- NEW: Design-Build of a Jet Grout Access Shaft for Tunnel Rehabilitation:** Oakland, Ashe, Wheeler, Blake. North American Tunneling, 2002. GG48
- Grouting Program Bridges New Building Loads Over Unused Railroad Tunnel:** Billups, Cavey, Wheeler. GeoOdyssey, 2001. G47
- Tunnel Protection by Ground Improvement Prior to Track Lowering:** Burke, Voor, Triplett. RETC, 2001. G45
- SuperJet Grouting and the Quality of its Product:** Burke, Smith, Peterson. Geo-Denver, 2000. G43
- Soilcrete DS - Enhanced Technology for Surgical Soil Improvement:** Burke, Weber, Toth. 4th International Conference on Ground Improvement Geosystems, 2000. G42
- Reconstruction of the Whitehall Street Subway Station:** Wheeler, Anderson, Chadwick. 8th Annual Great Lakes Conference, 2000. G40
- SuperJet Grouting: A New Technology for In Situ Soil Improvement:** Burke, Cacoilo, Chadwick. TRB 79th Annual Meeting, 2000. G39
- Assessing and Repairing Deep Foundations for Transportation Projects.** Boehm, Gorski. 51st Annual Highway Geology Symposium, 2000. Z28
- Casino Connection:** Civil Engineering, 2000. G37
- Vertical Cut-off and Bottom Sealing by Jet Grouting:** Welsh and Burke. Geoenvironment 2000, 1995. G29
- Design and Construction of a Jet-Grouted Barrier Wall:** White, Koelling, Ashcom and Kurrus. Geo-Engineering for Underground Facilities Conference, 1999. G35
- Use of Jet Grouting to Create a Low Permeability Horizontal Barrier Below an Incinerator Ash Landfill:** Furth, Burke, Deutsch, Weston. International Containment Technology Conference Proceedings, 1997. GG34

## Soilfrac Grouting

- NEW: Grouting Techniques as Part of Modern Urban Tunneling in Europe:** Burke, Falk. Grouting and Ground Treatment - 10 Year Update, 2003. H15
- Compensation Grouting: Concept, Theory and Practice:** Essler, Drooff and Falk. Geo-Denver, 2000. H14

- Honolulu's Street Relief:** Raines and Honke. Civil Engineering, September 1996. G33
  - Jet Grouting to Support Historic Buildings:** Drooff, Furth, and Scarborough. Foundation Upgrading and Repair for Infrastructure Improvement, ASCE 50, 1995. G30
  - Fixing Foundations:** Burke and Meffe. Civil Engineering, 1991. G20
- ### Project Summaries
- NEW: Chesterfield Power Station, Chester, VA:** Settlement Control. GJ13602
  - NEW: Manitowoc Water Treatment Plant, Manitowoc, WI:** Foundation Rehabilitation. GJ13539
  - Bar Screen Building, Albuquerque, NM:** Excavation Support and Groundwater Control. GJ43764
  - SuperJet Grouting at Brigantine Connector, Atlantic City, NJ:** Strut and Wale Bracing for Tunnel Base. GJ13361
  - Atlantic Avenue Tunnel, South Station Underpinning, Boston, MA:** Underpinning, Groundwater Control, Excavation Retention. GJ13482
  - Battery Park City, New York, NY:** Bulkhead Rehabilitation. GJ13237
  - Bally's Park Place Hotel and Casino, Atlantic City, NJ:** Erosion Control. GJ13163
  - Brown University, Providence, RI:** Void Filling, Settlement Control. GJ13484
  - Charles Street Bridge, Providence, RI:** Resistance to Overturning and Sliding. GJ13316
  - Houston International Airport, Houston, TX:** Underpinning, Excavation Support. GJ43153
  - Kraft General Foods, Dover, DE:** Excavation Support, Groundwater Control, Underpinning. GJ1029
  - Molecular Cellular Biology Building, Minneapolis, MN:** Underpinning and Excavation Support. GJ13513
  - Naval Air Station, North Island, San Diego, CA:** Liquefaction Mitigation, Densification, Underpinning, Site Improvement. GJ53196
  - River Front Renovation, Milwaukee, WI:** Underpinning. GJ13372
  - Saint Cloud Hospital Expansion, Saint Cloud, MN:** Excavation Support, Underpinning. GJ13312
  - Southwest Levee Cut-Off Wall, I 4-Mile Slough, Stockton, CA:** Groundwater Control. GJ53269
  - Whitehall Street Station, New York, NY:** Excavation Support, Groundwater Control. GJ13124

- Settlement Protection Works for the New St. Clair River Rail Tunnel:** Kramer, Tavares and Drooff. 12th Annual Canadian Tunneling Conference, 1994. H12
- Settlement Reduction by Soil Fracture Grouting:** Pototschnik. Grouting, Soil Improvement and Geosynthetics, Geotechnical Division ASCE, 1992. H10

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## Soil Mixing

- *Soil Mixing Supports a Deepwater Bulkhead in Soft Soils*: Burke, Lyle, Sehn, Ross. PORTS, 2001. U12
- *Soil Mixing: A New Approach to Soft Soil Stabilization for Structural Support*: Burke, Brengola, Triplett. GeoOdyssey, 2001. U11
- *In Situ Soil Mixing for the Mitigation of Seismic Lateral Spreading: A Case Study*. Francis and Gorski. Deep Foundation Institute's 23rd Annual Meeting, 1998. U10

## Soil Nailing

- *Soil Nail and MSE Wall for Stabilization of the Elbow Fill Slide, Snake River Canyon, Wyoming*: Turner, Jensen, Wolosick and Falk. 50th Annual Highway Geology Symposium, 1999. L25
- *Wyoming DOT Nails Down Roadway Project in Snake River Canyon*: Soil Nail Wall for Erosion Control. *Civil Engineering*, 1999. L24
- *Saving The Bluffs: Engineering on the Edge*: Soil Nail Wall for Erosion Control. *Civil Engineering*, 1997. L23

## Project Summaries

- *Atlantic Avenue Tunnel, South Station Underpinning, Boston, MA*: Underpinning, Groundwater Control, Excavation Retention. UJ13482
- *Briars Residence, Natchez, MS*: Erosion Control, Slope Stabilization. UJ20016
- *Henry B. Gonzales Convention Center, San Antonio, TX*: Excavation Support. UJ43435

## Injection Systems For Expansive Soils

- *Injection Systems for Expansive Clays Brochure*. T16
- *Chemical Injection Stabilization for Expansive Clays Brochure*. B02
- **NEW**: *In-Situ Modification of Active Clays for Shallow Foundation Remediation*: Pengelly, Addison. ASCE Annual Convention, 2002. BB05

## Project Summaries

- *Collected Lime Injection Case Histories*. T10
- *Effluent Channel, Dallas, TX*: Slope Stabilization. T12

## Micropiles

- *Micropile Brochure*: Micropile Types, Applications, Design, Quality Control and Case Histories. P18
- *Minipiles and Compaction Grouting for Seismic Retrofit of Transportation Structures In The New Madrid Fault Zone*: Scherer, Hill. DFI, 2001. P25
- *Segmental Precast Concrete Piles - A Solution for Underpinning*: Hassan, Rizkalla, Rihal, Parmantier. *ACI Concrete International*, 2000. P24
- *Underpinning History: Segmental Precast Concrete Piles Stabilize the Saskatchewan Legislative Building*: Parmantier, Ringen and Scherer. *Geotechnical News*, 2000. P22
- *Assessing and Repairing Deep Foundations for Transportation Projects*: Boehm, Gorski. 51st Annual Highway Geology Symposium, 2000. Z28
- *Minipiles Support High Rise Hospital Through Boulders in Residual Soils*: Sanders, Hussin and Hull. ASCE National Convention, 1999. P21
- *Seismic Retrofit of Fourth Street & Riverside Viaducts with Micropiles*: Taylor, Gularte, and Gularte. ASCE National Convention, 1998. P20

## Project Summaries

- **NEW**: *Chattanooga Conference Center, Chattanooga, TN*: Site Improvement. PJ20055
- **NEW**: *Manitowoc Water Treatment Plant, Manitowoc, WI*: Foundation Rehabilitation. PJ13539

## Project Summaries

- **NEW**: *PP&L Parking Garage, Allentown, PA*: Site Improvement. UJ13798
- *Blue Circle Cement, Charleston, SC*: Site Improvement, Settlement Control. UJ33753
- *HAM Marine Facility, Pascagoula, MS*: Soil Stabilization. UJ33474
- *The Granite Works, Baltimore, MD*: Excavation Support, Settlement Control, Groundwater Control. UJ13514
- *Houston International Airport, Houston, TX*: Underpinning and Excavation Support. UJ43153
- *Molecular Cellular Biology Building, Minneapolis, MN*: Underpinning and Excavation Support. UJ13513
- *Paces Station, Atlanta, GA*: Erosion Control, Retaining Wall Repair. UJ20035
- *Saint Cloud Hospital Expansion, Saint Cloud, MN*: Excavation Support, Underpinning. UJ13312
- *John G. Shedd Aquarium, Chicago, IL*: New Foundation and Excavation Support. UJ8148
- *Soil Nail Wall, Santa Barbara, CA*: Excavation Support. UJ2545
- *Turner Central Plant, Atlanta, GA*: Earth Retention, Excavation Support. UJ20012
- *Wastewater Treatment Plant, Point Loma, San Diego, CA*: Erosion Control, Cliff Stabilization. UJ2648
- *FINA Polyethylene Plant Expansion, Deer Park, TX*: Site Improvement for Heave Control. TJ43054
- *Residential Subdivision, Lewisville, TX*: Heave Control. TJ43207
- *Salem Lakes Development, Virginia Beach, VA*: Site Improvement for Heave Control. T11
- *Storage Tanks, Pasadena, TX*: Settlement Control. TJ2499
- *Willow Creek Levee, Henrietta, MO*: Levee Stabilization. TJ43413
- **NEW**: *Queretaro Bus Terminal, Queretaro, MX*: Settlement Control. PJ60019
- *Armstrong World Industries, Lancaster, PA*: Underpinning for Facility Upgrade. PJ13044
- *City Place Station, Dallas, TX*: Subgrade Stabilization. PJ43195
- *Eldorado Ridge, Broomfield, CO*: Underpinning for Settlement Control. PJ43628
- *Erlanger Medical Center, Chattanooga, TN*: Deep Caisson Underpinning for New Construction. PJ33357
- *Industrial Facility, Central Kentucky*: Underpinning for Column Support. PJ7993
- *Industrial Warehouse, Nashville, TN*: Warehouse Remediation. Settlement Control. PJ20049
- *John G. Shedd Aquarium, Chicago, IL*: New Foundation and Excavation Support. UJ8148
- *Market Square North, Washington, DC*: Underpinning for Adjacent Excavation. PJ13276
- *Monroe Street Bridge, Chicago, IL*: Underpinning for Settlement Control. PJ8137
- *Odenton Pedestrian Tunnel, Odenton, MD*: Underpinning. PJ13078

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## Reticulated Minipile Walls

- *Blue Trail Slide, Alpine, Wyoming:* Slope Stability. Wyoming Engineers' Society Annual President's Award for Project of the Year in 1997. American Consulting Engineers' Council Grand Award Winner in 1998 Engineering Excellence Award Competition. RJ33366

## Project Summaries

- **NEW: Meadowcraft Warehouse, Birmingham, AL:** Slope Stability and Settlement Control. RJ20019

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## Anchors and Tiebacks

- *Tunnel Protection by Ground Improvement Prior to Track Lowering:* Burke, Voor, Triplett. RETC, 2001. L26
- *Saving The Bluffs: Engineering on the Edge:* Soil Nail Wall for Erosion Control. *Civil Engineering*, 1997. L23
- *Solway Tunnel Rehabilitation:* Roberts, Darnell, Henry and Hussin. 12th 12th International Conference on Soil Mechanics and Foundation Engineering, 1989. L17

## Project Summaries

- *Battelle Columbus Laboratories, Columbus, OH:* Underpinning and Lateral Support. LJ13027
- *BellSouth Office Building, Atlanta, GA:* Earth Retention, Excavation Support. LJ20046
- *Camden Square, Raleigh, NC:* Erosion Control, Retaining Wall repair. LJ33128

- *Chicago Avenue/State Street Subway, Chicago, IL:* Excavation Support. LJ8137
- *Delta Dam, Rome, NY:* Structural Stability. L15
- *Garrison Terminal, Port of Tampa, FL:* Lateral Bulkhead Support. LJ1785
- *Rent-a-Car Lobbies, Orlando, FL:* Excavation Support. L18
- *Rommel Dam, Jones Mill, AR:* Structural Stability. LJ20002
- *Walker Landing, Spring Island, SC:* Erosion Control. LJ33065
- *Wastewater Treatment Plant, Point Loma, San Diego, CA:* Erosion Control, Cliff Stabilization. LJ2648
- *Wolcott Landslide, Ft. Collins, CO:* Slope Stabilization. LJ47166

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## Cut-Off and Containment

- *Use of Jet Grouting to Create a Low Permeability Horizontal Barrier Below an Incinerator Ash Landfill:* Furth, Burke and Deutsch. International Containment Technology Conference, 1997. G34
- *Wonderwall:* Contaminated Soil and Groundwater Control. Thompson, Stamnes and Koelling, *Civil Engineering*, 1997. M24
- *Case Histories Portraying Different Methods of Installing Liners for Vertical Barriers:* Burke, Crockford and Achhomer. International Containment Technology Conference, 1997. M23
- *Case History: Vertical Barrier Wall System for Superfund Site:* Koelling, Kovac and Norris. International Containment Technology Conference, 1997. M22

- *In Situ Containment Barriers and Collection Systems for Environmental Applications:* Burke. Symposium on Slurry Walls, 1992. M19
- *Construction and Quality Assessment of the In Situ Containment of Contaminated Groundwater:* Burke and Achhomer. Contaminated Aquifer Control, 1988. M12

## Project Summaries

- *Oxnard Slurry Wall, Oxnard, CA:* Methane Containment. MJ1454
- *Slurry Trench Cut-off Wall, Raytheon Company, Mountain View, CA:* Contaminated Groundwater Containment. MJ1478

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