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# **Business Center**

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## **Materials Division**

"Planning Today, for Tomorrow's Challenges"

The Materials Division supplies technical leadership and training in building and maintaining a safe and efficient transportation system through the assessment of highway construction materials and the application of innovative engineering.

The Materials Division is organized into a Central Office and nine District Offices. The District Materials Engineer represents the State Materials Engineer in matters pertaining to sampling, inspection, field-testing, construction, and maintenance materials, and soil survey and pavement design. The Division is broken into three major areas: Preliminary Engineering, Operations and Support Services.

Materials Division Documents and Downloads

**New Products Information** 

Materials Certification Schools Information

Personnel and Areas of Expertise Phone (804) 328-3100



Andy Babish, P.E. State Materials Engineer (804) 328-3102

William (Bill) R. Bailey III, P.E.
Assistant State Materials Engineer for Operations
Asphalt, Chemistry, Concrete, Quality Assurance and Structures Programs.
(804) 328-3106

Mohamed Elfino, P.E., PhD
Assistant State Materials Engineer
Pavement Engineering, Forensic Investigation, and Subsurface Drainage, State Coordinator of MEPDG Implementation
Plan, Soil Mechanics, Applied Research, Manage the Materials Engineer Associate Development Program, NCHRP,
TRB, CPTP and Pavement Design.
(804) 328-3173

Lora Adkins

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#### General Administration Manager

Human Resources, Consultant and Non Professional Services Contracts, Procurement, Inventory Control, Fiscal, Fleets Management, Budget, Payroll. (804) 328-3107

#### Larry Lundy, P.E.

Concrete Program Engineer

Aggregates, Čement, Čoncrete Testing, Concrete Curing Compounds, Epoxies, Neoprene Pads, Reinforcing Steel, Bolts, Fly Ash, Slag, and all Physical Laboratory Tests. (804) 328-3130

#### Harikrishnan Nair, PhD.

Assistant Concrete Program Engineer

Aggregates, Cement Certification, Concrete Admixtures, Concrete Patching Materials, Polymer Crack Sealers for Concrete, Chemical Anchors, Epoxies, Neoprene Pads, Fly Ash, Slag, Silica Fume, Concrete Coatings, Concrete Fibers, Epoxy Coatings for Reinforcing Steel, Expanded Polystyrene. (804) 328-3059

### Tommy Schinkel, P.E.

**Quality Assurance Engineer** 

Materials Notebooks, Source of Materials, Precast Concrete, Concrete Pipe, Corrugated Metal Pipe, HDPE Pipe, Miscellaneous Material Suppliers, Gray Iron Casting Manufacturers/Suppliers, AMRL Accreditation, New Products Information.

(804) 328-3133

#### John Schuler, P.E.

Geotechnical Program Manager

Geotechnical Engineering and Geology, Geotechnical Contracts Manager, Soils Testing, Geosynthetics, Central Mix Aggregate Program, Soil and Aggregate Density Program. (804) 328-3140

#### Paul Baldwin

Geotechnical Laboratory Manager and State Radiation Safety Officer

Bonded Weigh Program, Soils Testing, Central Mix Aggregate Program, Portable Nuclear Gauge Program, Density Program. (804) 328-3142

#### Vacant

**Chief Transportation Geologist** 

Geology, Landslide Monitoring, Vibration Studies, Failure Mechanisms, Rock/Soil Slopes and Sinkholes, Groundwater Investigations and Studies. (804) 328-3170

# John Daoulas, P.E.

Geotechnical Field Engineer

Geotechnical Engineering, Geotechnical Aspects of Design-Build and Public-Private Transportation Act Projects. (804) 328-3141

#### Wan Soo Kim, PhD

Geotechnical Engineer

Geotechnical Engineering and Advanced Analyses, Slope Stability, Advanced Testing, Resilient Modulus studies (804) 328-3076

#### Trenton M. Clark, P.E.

Asphalt Program Manager and Asphalt Pavement Field Engineer

Asphalt Paving, Asphalt Materials, Pavement Design, Pavement Evaluation, Pavement Analysis, Pavement Testing, Pavement Management.

(540) 860-2495

#### Todd Rorrer

Assistant Asphalt Program Manager

Asphalt Materials, Liquid Binders, Asphalt Mix Design and Testing.

(804) 328-3028

#### **David Guffey**

Instrument Laboratory Supervisor

Modification, Calibration and Repairs of Testing Equipment; Maintenance of Buildings and Grounds. (804) 328-3180

#### Jim Swisher

Chief Chemist

Sign Sheeting, Pavement Markings, Bridge Paints/Coatings, Cement and Fly Ash, Metal Alloys, Hazardous Waste, Treated Wood, Glass Beads, Delineators, Water Testing, Road Salt, Lime, Aluminum, Silicone Sealants, Hot Pour Joint Sealers, Fence Materials and Posts, Agricultural Lime, Pipe Gaskets, Loop Sealants. (804) 328-3121

#### Katherine Watkins

**Chemistry Laboratory Supervisor** 

Sign Sheeting, Pavement Markings, Bridge Paints/Coatings, Cement and Fly Ash, Metal Alloys, Hazardous Waste, Treated Wood, Glass Beads, Delineators, Water Testing, Road Salt, Lime, Aluminum, Silicone Sealants, Hot Pour Joint Sealers, Fence Materials and Posts, Agricultural Lime, Pipe Gaskets, Loop Sealants. (804) 328-3123

#### Affan Habib, P.E.

Pavement Design & Evaluation Program Engineer

Pavement Design and Evaluation, Destructive and Non-Destructive Testing of Pavements, SHRP Program, Ride Specification Analysis, Pavement Specification and Standard, Pavement Training. (804) 328-3129

# Bipad Saha, P.E.

**Pavement Engineer** 

Design and Evaluation of Asphalt and Concrete Pavements, Destructive and Non-Destructive Testing of Pavement Materials and Systems, Ride Specification Analysis, Pavement and Specification Training. (804) 328-3175

#### Vacant

**Pavement Engineer** 

Design and Evaluation of Asphalt and Concrete Pavements, Destructive and Non-Destructive Testing of Pavement Materials and Systems, Ride Specification Analysis, Pavement and Specification Training. (804) 328-3174

R. Duane Sayre
Training Programs Manager
Materials Certification Schools
(804) 328-3150

#### Bill Via

Structural Materials Program Engineer

Prestressed Concrete, Guardrail, Structural Steel Fabrication, Stay-In-Place Metal Decking, Non-Destructive Testing of Structural Steel (Ultrasonic and Radiographic), Welder Qualifications, Commercial Test Lab Contracts, Project Documentation and Record Keeping. (804) 328-3160

#### **District Materials Engineers**

Steven Mullins, P.E. Bristol District 276-669-9951

Haroon Shami, P.E. Culpeper District 540-829-7563

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Chung Wu, P.E., PhD Hampton Roads District 757-925-2674

Don French, P.E. Lynchburg District 434-856-8104

David Shiells, P.E. Northern Virginia District 703-383-2155

Harold Dyson, P.E. Richmond District 804-524-6211

David Lee, P.E. Salem District 540-387-5383

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