

State of Vermont
Highway Division
Construction & Materials Bureau
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Agency of Transportation

January 2017

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Bureau Director
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The Bureau is composed of 118 highly skilled and talented engineers and technicians broken out to four specialized teams:

Construction Section: The Construction Section is tasked with oversight of most heavy highway and rail construction contracts procured by VTrans. The oversight ensures the work is performed in accordance with all contract requirements, State and Federal Laws, Environmental Regulations and Permits, all regulations required for reimbursement of federal funding, the process is fully transparent and auditable, and that contractors receive timely and accurate compensation for the work performed. This is accomplished with the safety of the workers and the travelling public as paramount to our mission. In calendar year 2016 VTrans reimbursed contractors approximately \$180 million.

Materials Section: In accordance with the Code of Federal Regulations (CFR), State Highway Agencies are required by the Federal Highway Administration to have an accredited material testing facility. This facility is tasked with providing acceptance testing of all materials incorporated in the work performed by contractors and therefore the equipment, laboratory technicians and test results must be beyond reproach. Acceptance testing is tied directly to payment for the work. On an annual basis, the Materials Sections tests over \$50 million worth of materials and processes thousands of material samples.

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Materials Section Manager
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Geotechnical Engineering Section: This team performs the subsurface drilling and exploration required for shallow and deep foundations of our bridges, manages our risk profile associated with our ledge cuts, monitors several large roadway embankments prone to movement, and provides the engineering associated with the design or remediation of these assets. The team is supported by two drilling crews, a geologist, laboratory technicians and engineering support.

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Soils & Foundations Engineer
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Construction Services Section: This team provides technical support for the Construction Section with experts in the fields of structures, paving, environment and safety. The scope and diversity of the work is so complex the projects require support from trained experts to ensure the work will perform as intended. The Section is also tasked with preparing the final documents at the completion of the work such that the contract can be deemed complete and the final voucher process can begin. Finally, this Section has a team tasked with delivering the final Plans, Specifications and Estimate to the Contracting Section for procurement; this group contains VTrans' expertise in contract specifications.

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