

# Vermont Stormwater Management Manual, Public Transportation Chapter Support



## Services / Expertise

Stormwater Management  
Stakeholder Group Facilitation  
Literature Research  
Guidance and Policy Development

## Market

State Government – Water Quality

## Project Location

Montpelier, Vermont

## Date Completed

2016-2017

## Project Owner

Vermont Agency of Transportation,  
Maintenance and Operations Bureau

## Project ID#

2016-064, 2017-039



*Stantec and Stone staff led a training seminar for VTrans designers on the new Public Transportation Projects chapter before it became effective in July 2017.*

In the spring of 2016, Stantec and Stone Environmental assisted the Vermont Agency of Transportation (VTrans) in reviewing the draft Vermont Stormwater Management Manual, Volume 1 (VSMM) from a transportation perspective and developing comments on the manual. VTrans then met with DEC representatives. All agreed that VTrans should support DEC in developing a section to be incorporated into the VSMM, addressing the unique constraints of existing public transportation projects and the stormwater treatment practices that can readily be applied to reconstruction and improvement projects—before the beginning of formal rule making, which was then on a fast track for early summer 2016.

Through a rapid and collaborative process, Stantec and Stone first developed a draft outline of the chapter and, following a series of working sessions with VTrans, prepared a draft section of the manual and conducted research to support the proposed modifications and additions. The draft section was then reviewed with VTrans in a series of working meetings. Following VTrans concurrence, the draft was submitted to DEC for review, with an inter-agency working meeting to answer questions and receive comments. Following further comment by DEC, Stantec and Stone prepared a final draft of the chapter, based on agreed upon resolutions to the comments, which VTrans submitted to DEC with a comment response summary.

In the spring of 2017, before the VSMM became effective, Stantec and Stone worked closely with VTrans to prepare a flow chart, worksheets, and design example guidance in obtaining coverage under the permit, using the new “Subchapter 6.0 Public Transportation Projects” of the 2017 VSMM. Stantec and Stone participated in progress meetings with VTrans and DEC, and developed and co-led a two-hour training session for the greater engineering and consulting community.