

## VT DEC Municipal Highway Stormwater General Permit: For existing, new, and redeveloped municipal highways

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This general permit is intended to achieve significant reductions in stormwater-related erosion from roads. Municipalities will implement a customized, multi-year plan to stabilize their road drainage system. The plan will include bringing road drainage systems up to basic maintenance standards, and additional corrective measures necessary to reduce erosion as necessary to meet a TMDL. Corrective measures may include planned replacement of undersized structures, and stabilization of road embankments adjacent to waterways.

### Requirements for Existing Roads

- Requirements will be focused primarily on Class 1- 3 highways. However where a section of Class 4 road is identified as a significant source of sediment, such as where a road segment is eroding into a stream, fixing the section of road may be among the corrective measures the municipality will need to address. Municipalities will not, as a matter of compliance with this General Permit, be required to keep Class 4 roads open to travel.
- All requirements will be consistent with Town Road and Bridge Standards
  - Ditch Slopes > 5% to be stone-lined or have stone check-dams
  - Ditches: “U-shaped” and disconnected from surface waters where possible
  - Soils exposed by maintenance would be seeded and mulched or otherwise stabilized
- Culverts, Bridges, and embankments into perennial streams
  - Maintenance and construction activities would conform to Stream Alteration Standards in Section B.3.of the ANR Stream Alteration General Permit.
- Non-stream culverts
  - Appropriately sized, stable inlets and outlets
- All practices not subject to other specific regulations are “best-fit”; municipalities can customize plans to fit their conditions

### Requirements for New Projects

- Stable conveyances (described above)
- Designed to Vermont Stormwater Manual if over permit threshold
  - 1 acre impervious surface, or >5,000 square foot expansion

### Permit Process

- Public process to develop permit and standards
- Municipalities develop Road Stormwater Management Plan with technical assistance
- 20-year Implementation schedule prioritized by greatest benefit, and municipality’s transportation capital plan

- Reporting to DEC on implementation of plan