



Dufresne Group provided the site and stormwater design for an emergency egress road at the Barre City Elementary and Middle School. The project consisted of a 1,075 linear foot access road and required stormwater treatment due to expansion of impervious area for a previously permitted parcel.

The school is currently served by only one driveway off Parkside Terrace. This gives the school only one egress route. To become designated a FEMA emergency shelter, the school must have at least two egress routes. To give the school an alternate emergency egress route, Dufresne Group worked with the school to establish the proposed egress route.

The emergency egress road was located and designed with input from school personnel, emergency responders, and City employees. After several conceptual alignments were vetted and determined to not be viable, the final option was to upgrade the section of the existing bike path and utilize an old haul road, which is on land owned by the City of Barre. This option had the least impact on neighboring residences and required no acquisition of additional property or easements.

### KEY FEATURES

- Road utilized property already owned by either the school or the City.
- Act 250 and stormwater permitting required for egress road.
- Area adjacent to old construction dump site with confirmed contaminated soils.
- Designed with input from school, City, and emergency responders.