

Geotechnical, Hydraulics & Environmental Priorities

ETG Members:

Paul Wirfs, Michelle Eraut, William Fletcher, Jim Norman, Jon Guido, Alvin Shoblom,
& Kira Glover-Cutter

The Geotechnical, Hydraulics and Environmental ETG has identified ten strategic priorities distributed across the three major subject areas covered by the ETG. They are as follows:

- Cost effective management and monitoring of storm water
- Performance of high walls
- Right-of-way vegetation establishment and management
- Impacts and solutions to roadway induced habitat separation
- Bank protection and scour
- Rehabilitation, retrofitting, and replacement of pipes and culverts
- Lifecycle cost analysis of pipes and culverts
- Effects of slopes and embankments on the transportation system
- Practical means and methods for subgrade stabilization
- Impacts of re-using construction debris and other recycled materials in highway construction and maintenance, including feasibility, long-term financial costs and benefits, and environmental impacts.