

## ROADWAY SERVICES

Our transportation infrastructure is vitally important to our nation's economy, our health and safety, and our quality of life. Like our own health, it must be maintained before deterioration advances to the point of a serious and expensive response. Pavement management, master planning and impact fees are tools to proactively manage the future costs of our deteriorating roadway infrastructure.



*Haley and Ward, Inc.* provides complete engineering and environmental services needed for maintaining, restoring and expanding municipal roadway infrastructure.

## TRAFFIC AND TRANSPORTATION DESIGNS

- GPS and Total Station Instrument Surveys
- Wetlands Mapping
- Soil Evaluations
- Highway Design
- Roadway Reconstruction
- Pavement Management
- Intersection Design
- Corridor Studies
- Traffic Impact Analysis
- Parking Studies
- Right-of-Way Location & Reconciliation
- Bikeways and Sidewalks
- Streetscape Design
- Utility Designs
- Stormwater Management
- Sewer & Pump Station Designs
- Soil stabilization/sediment control plans
- Contract documents
- Construction cost opinions
- Operation and Maintenance Plans

## REGULATORY & MONITORING

- PIF and PNF Preparation
- Public Hearing Representation
- Design for conformance to local, MassDOT and Federal standards
- Environmental Permitting

## CONSTRUCTION ADMINISTRATION SERVICES

- Construction Administration & Project Representation
- Permit Compliance Monitoring
- Grant Administration

## PEER REVIEW SERVICES

