

Town of Raynham, MA

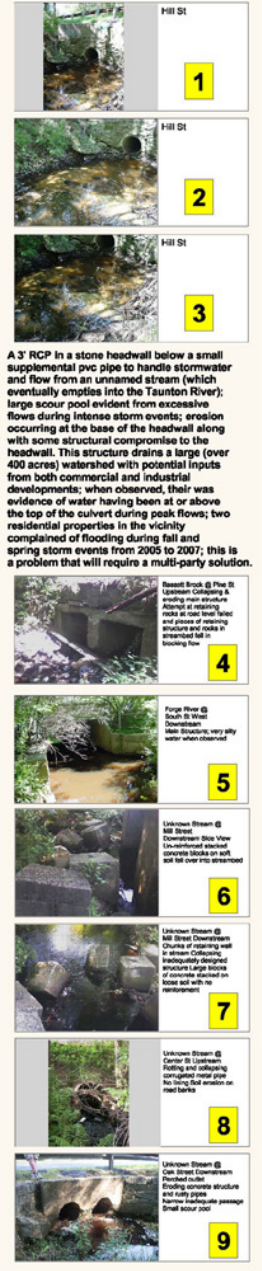
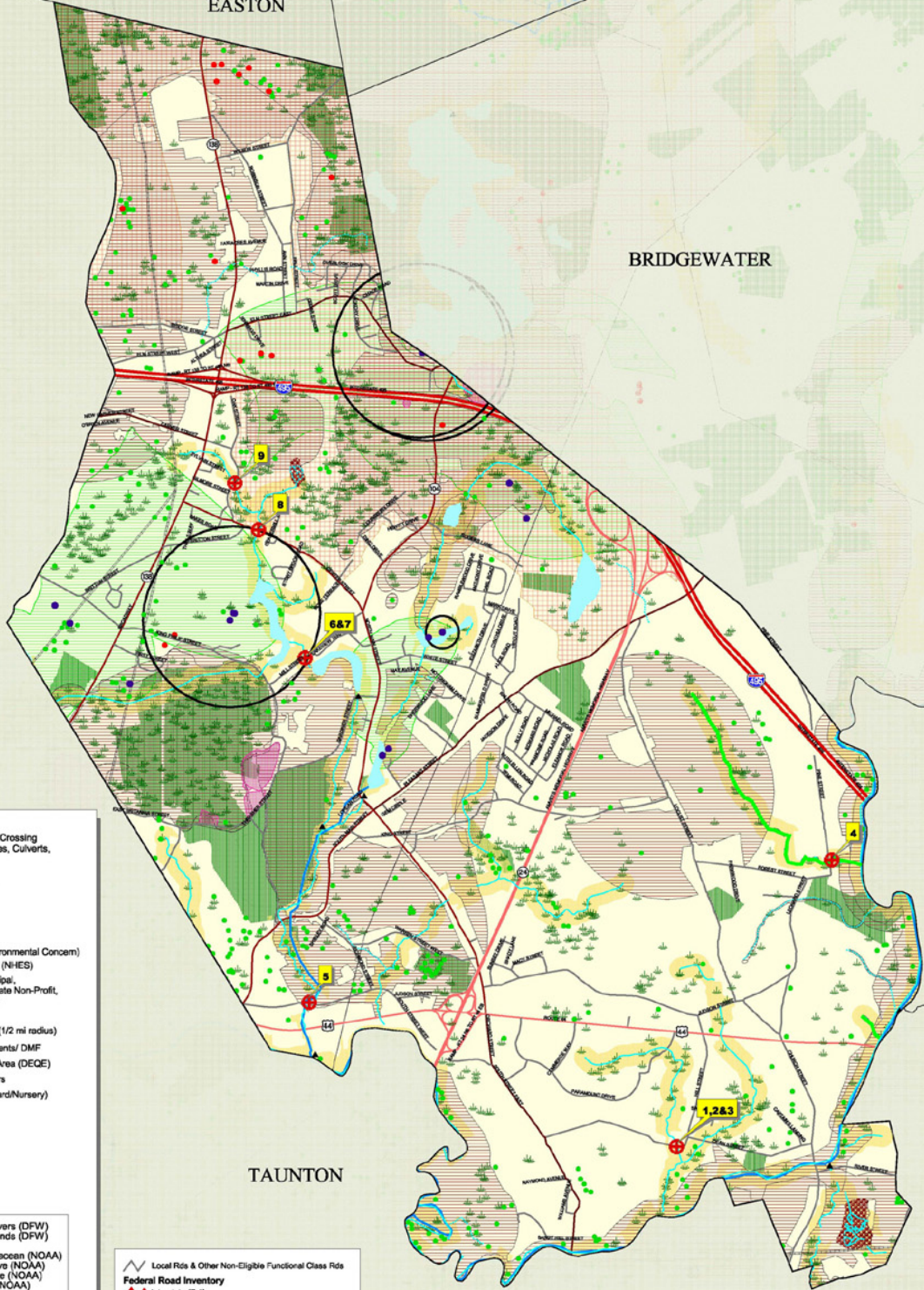
GRRIP (Geographic Roadway Runoff Inventory Program)

WEST
BRIDGEWATER

EASTON

BRIDGEWATER

TAUNTON



1
Hill St
A 3' RCP in a stone headwall below a small supplemental pvc pipe to handle stormwater and flow from an unnamed stream (which eventually empties into the Taunton River); large scour pool evident from excessive flows during intense storm events; erosion occurring at the base of the headwall along with some structural compromise to the headwall. This structure drains a large (over 400 acres) watershed with potential inputs from both commercial and industrial developments; when observed, there was evidence of water having been at or above the top of the culvert during peak flows; two residential properties in the vicinity complained of flooding during fall and spring storm events from 2005 to 2007; this is a problem that will require a multi-party solution.

4
Bassett Brook @ Pine St
Upstream Culverting & empty pipe evident. Attempt at repairing rocks at culvert head and process of repairing structure and make it embedded in flowing flow.

5
Forge River @ South St West
Downstream. Make structure very gully water when flowing.

6
Unknown Stream @ Mill Street
Downstream. View. Unconformal stacked concrete blocks on each side fall over into stream.

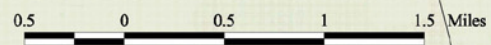
7
Unknown Stream @ Mill Street
Downstream. Check of existing wall. Inadequately designed. Inadequately designed. Large blocks of concrete stacked on base and with reinforcement.

8
Unknown Stream @ Center St
Upstream. Rolling and softening. Considered road pipe. No being that erosion on road below.

9
Unknown Stream @ Center St
Upstream. Paved culvert. Eroding concrete structure and caddy pipe. Narrow culvert passage. Small scour pool.

- Road Crossing and Stream Crossing Structures including Bridges, Culverts, and Dams
 - Town Boundary
 - Other Massachusetts Towns
 - Rhode Island Towns
 - MRIP Natural Lands
 - Riparian Corridors 100 meters buffer
 - ACEC (Areas of Critical Environmental Concern)
 - Estimated and Priority Habitats (NHES)
 - Open Space (includes Municipal, Permanently Protected, Private Non-Profit, Agricultural, Chapter 61, A, B)
 - Wetlands
 - Interim Wellhead Protection (1/2 mi radius)
 - Critical Areas after Storm Events/ DMF
 - Approved Zonell Protection Area (DEQE)
 - Outstanding Resource Waters
 - Cranberry Bogs (some Orchard/Nursery)
 - Solid Waste Facilities/DEP
 - Barrier Beaches
 - Transmission Lines
 - Railroads
 - Lakes & Ponds
 - Rivers & Streams
 - Ocean
- Coldwater Fisheries/Rivers (DFW)
 - Coldwater Fisheries/Ponds (DFW)
 - Public Beach (NOAA)
 - Rare & Sensitive Crustacean (NOAA)
 - Rare & Sensitive Bivalve (NOAA)
 - Rare & Sensitive Reptile (NOAA)
 - Rare & Sensitive Fish (NOAA)
 - Rare & Sensitive Bird (NOAA)
 - Certified Vernal Pools
 - Potential Vernal Pools
 - Shellfish Beds
 - Anadromous Fish Runs
 - Public Water Supplies

- Local Rds & Other Non-Eligible Functional Class Rds
- Federal Road Inventory**
- Interstate (F-1)
 - Rural Principal Arterial & Urban Ext (F-2)
 - Rural Minor Arterial & Urban Ext (F-3)
 - Other Urban Principal Arterial (F-4)
 - Urban Minor Arterial or Rural Major Collector (F-5)
 - Urban Collector or Rural Minor Collector (F-6)



The following data sources from the Massachusetts Natural Heritage & Endangered Species Program at the ES&A, if used on the map, are identified as follows:
 Estimated habitat of Rare Wildlife:
 SRPEDD 2007 estimated habitats of rare wildlife: use with the Wetlands Protection Act.
 Priority habitat of known state protected rare plant and animal species:
 SRPEDD 2007 study habitat of State Listed Rare Species: NOT approved to "High-Care Habitat" as designated under the Massachusetts Endangered Species Act.
 Certified Vernal Pools:
 MRIP 2007 Massachusetts Certified Vernal Pools

The Geographic Roadway Runoff Inventory Program, or GRRIP, provides an analysis of roadway drainage facilities, located in environmentally sensitive areas, on defined state and local roads. The computer based mapping project included twenty-two separate categories of environmental information, along with other base map layers, to create an overview of a town's environmental and road network information.

This map was produced by SRPEDD (Southeastern Regional Planning and Economic Development District) Taunton, MA. Portions of the source digital data may have been supplied by the Massachusetts Executive Office of Environmental Affairs; MassGIS; Caliper Corporation of Newton, MA; EDR; Executive Office of Transportation and Public Works, Division of Marine Fisheries; Department of Fish & Game; Buzzards Bay Project; USDA, Natural Resources Conservation Service; Coastal Zone Management; National Oceanic & Atmospheric Administration (NOAA); The Nature Conservancy (TNC); Natural Heritage (NH&ES).
 The location of feature boundaries shown on this map are approximate and are intended for planning purposes only. This map is not intended for legal, engineering or survey purposes.
 The funding for this project was provided by the Executive Office of Transportation (EOTPW).