

HAZARD MITIGATION PLAN STORMWATER ACTIONS

Appendix H - Chelmsford Stormwater Management Master Plan

Stormwater Management Actions for the Town of Chelmsford from the Hazard Mitigation Plan for the Northern Middlesex Region 2015 Update

Category Of Action	Description Of Action	Implementation Responsibility and Status	Hazard addressed	Timeframe/ Priority	Resources/ Funding	Was the action included in the 2006 Plan?	Is this action included in the 2020 Stormwater Management Master Plan?
Prevention/ Property Protection	Elevate, flood-proof and maintain the alternate access roadway for the Williamsburg Condominium complex and stabilize riverbank.	Town DPW Department. Minor maintenance was performed following the 2006 Plan, however, more extensive work is needed.	Flooding/hurricanes	Short-term.	Combination of town general funds and HMGP funds	Yes, but the language has been modified	Indirectly - referenced as "actions identified in these plans" ("these plans" being HMP and others)
Structural project/ Property Protection	Address flooding and bank erosion in the vicinity of Williamsburg Condos and along Tyngsborough Road in North Chelmsford.	Town DPW and condo association. This issue is currently being studied.	Flooding/hurricanes	Short-term	HMGP grant program-- Public Works Department to work with MEMA and condo association.	No, this is a new action item.	Indirectly - referenced as "actions identified in these plans" ("these plans" being HMP and others)
Structural project	Address the Meadowbrook Road culvert and associated flooding.	Town DPW.	Flooding/ hurricanes	Short-term	Town general funds and competitive FEMA grant program	No, this is a new action item	Yes
Prevention	Strengthen enforcement of the town's floodplain zoning bylaw.	Planning Board, Conservation Commission and Building inspector. Since the completion of the 2006 Plan, the town has improved its process for enforcement of the floodplain bylaw.	Flooding, climate change	Annual	Town general funds to be used; falls within existing budget	Yes, but language has been modified	No
Prevention/ Natural Resource Protection	Increase enforcement of impervious surface limitations within the Aquifer Protection District.	Town Planning Board and Conservation Commission-still relevant.	Flooding, climate change	Short-term.	Town Planner and Conservation Agent to complete this task utilizing general funds.	Yes	No
Prevention/ Natural Resource Protection	Propose a Low Impact Development bylaw for consideration of local officials and town meeting	Town Planning Board and Conservation Commission. This recommendation was also in the town's 2010 Master Plan.	Flooding, climate change	Short-term.	Community Development Director and Conservation Agent to complete this task utilizing general funds.	Yes	Yes
Prevention/ Natural Resource Protection	Perform maintenance on drainage/ stormwater structures.	Town DPW. The action is being implemented as part of the town's MS4 permit.	Flooding	Annual.	Department of Public Works to address this issue utilizing general funds.	Yes, but language has been modified	Yes
Prevention	Revise Planning Board, Conservation Commission, and Board of Health regulations to improve floodplain management	Planning Board, Conservation Commission and Board of Health	Flooding	Short-term	Community Development Director, Board of Health Director and Conservation Agent will address this issue utilizing general funds.	No, this is a new action item	No
Prevention	Enhance the knowledge of local officials, builders, developers, citizens and other stakeholders on how to read and interpret the FIRM.	Community Development Director	Flooding	Short-term	Community Development Director to address this issue utilizing general funds.	No bonding funds needed.	No
Prevention	Study the Community Rating System to determine appropriateness for Chelmsford	Town Emergency manager and building inspector, MEMA	Flooding	Short-term	Emergency Manager, utilizing general funds, will work with MEMA to complete this task.	No, this is a new action item	No
Prevention	Revise Planning Board, Conservation Commission, and Board of Health regulations to improve floodplain management	Planning Board, Conservation Commission and Board of Health	Flooding	Short-term	Community Development Director, Board of Health Director and Conservation Agent will address this issue utilizing general funds.	No, this is a new action item	No
Structural Project	Improve dam maintenance at the School Street Dam on Stony Brook where stones have been dislodged.	Dam Owner at the behest of the town	Flooding, earthquakes	Short-term	Dam Owner- Private funds used to maintain privately-owned dams.	Yes	No
Prevention	Conduct a study to examine measures to mitigate flooding along Tyngsborough Road.	State-MassDOT District 4	Flooding	Short-term	State funding. Public Works Director to work with MassDOT to secure funding.	Yes	No
Prevention/ Property Protection	Update the response plan for the Freeman Lake and Heart Pond dams.	Town emergency manager and engineer. The town has been addressing minor compliance issues related to the dam.	Flooding, earthquakes	Annual.	Town emergency manager and engineer to complete this task utilizing general funds.	Yes	No
Prevention	Work with DCR Office of Dam Safety to ensure that the inspections of all dams are current.	DCR Office of Dam Safety, dam owners, Town engineer-Since completion of the 2006 Plan the Swain and Crooked Spring dams have been reclassified.	Flooding, earthquakes	Short-term	DCR Office of Dam Safety, dam owners, and town engineer. Work will be performed within existing budget.	Yes	No