



APPENDIX B: INACTIVE MITIGATION ACTIONS



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Table B.1 shows actions that are either no longer in effect or incorporated into other projects since 2009. Please see Action Progress Status column for further explanation.

Table B.1: Inactive Mitigation Actions

2009 HMP Index No	Mitigation Action Type	Mitigation Action Description	Lead	Supporting Agencies (new)	Timeline (new)	Cost Estimate	Possible Funding Sources	Action Progress Status
Coastal Storms								
CS.P.7	Infrastructure Project	Bridge and tunnel improvements and study: Design and install floodgates and barriers at Brooklyn-Battery Tunnel and Queens-Manhattan Tunnel (AW-98). Determine the coastal storm vulnerability of the Triborough Bridge.	MTA (Bridges and Tunnels)	N/A	See Action Progress Status	TBD	TBD	BBT/QMT work has been subsumed into "Mitigation of Hugh L. Carrey Tunnel and Queens Midtown Tunnel," above. Triborough Bridge work is under "Detailed Engineering Flood Studies at Non-Tunnel Facilities," above.
Flooding								
F.E. 15	Natural Resource Protection	Natural Resource Protection: Purchase (anticipated) 126 acres on Staten Island to construct and recreate wetlands, which will help mitigate the impact of flooding.	DEP	N/A	See Action Progress Status	TBD	TBD	No longer applicable, merge with Bluebelt Action
F.E.30	Prevention	Facility and Infrastructure Protection Plan: Conduct system-wide flood study to determine locations and impacts of storm-related water infiltration into the NYCT system.	MTA (NYCT-Subway)	N/A	2 years	\$3,000,000	MTA	Closed, incorporated into new plan actions.
F.E.31	Property Protection	Facility Protection: Raise identified street entrances above 100-year flood plain, avoid street gratings, and install large sump system.	MTA (NYCT-Subway)	None	7 years (Phase 1)	TBD	Federal Transit Administration, Capital Budget	Closed, incorporated into new plan actions.

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F.P.30	Prevention & Policy	Property Protection: Enroll in National Flood Insurance Program's (NFIP) Community Rating System. By implementing floodplain management initiatives and reducing the City's flood risk, residents can receive discounted flood insurance.	OEM	DCP/DOB	5 Years	TBD	Agency Operating Budget	Closed, OLTPS is now the lead on this action (see potential action F.P.
F.P. 32	Education & Awareness	Severe Repetitive Loss Outreach and Education: Compile and map SRL properties throughout the city. Determine SRL funding eligibility and target these properties for outreach.	OEM	DEP/FEMA/NYS OEM	TBD	TBD	HMGP, PDM-C, SRL, RFC	Closed, OLTPS has started this process see Flooding Hazard Profile.
Multi-Hazard								
MH.P.1	Prevention	Danger Tree Program: Identify and eliminate right-of-way tree and dead vegetation hazards. This program has evolved and is incorporated into the vegetation management program.	Con Ed	N/A	TBD	TBD	Agency Operating Budget	Incorporated into vegetation management program.
MH.E.52	Structural Projects	Green Roof Installation: Encourage the installation of green roofs through a new incentive program. Green roofs can reduce the volume of stormwater runoff by absorbing or storing water and help reduce the impact of the urban heat island effect.	OLTPS	DOB, DOF	8 years	TBD	TBD	Take off didn't work
MH.E.53	Public Education and Awareness	Public Education: Create a community planning process and "toolkit" to engage all stakeholders in community-specific climate adaptation and flood mitigation strategies.	OLTPS	OEM	2 years	TBD	TBD	Not pursuing

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MH.P.57	Emergency Services	Critical Facility Protection: Conduct or update natural hazard vulnerability assessments for critical facilities throughout the City.	OEM	MPC	Ongoing	TBD	TBD	No longer applicable
MH.P.60	Property Protection	Facility Protection: Install storm shutters at OEM headquarters designed to protect windows from flying debris.	OEM	N/A	3–5 Years	\$800,000	HMGP/PDM-C	This mitigation action is a duplicate from the 2009 plan. Please see CS.P. 23 in Chapter IV: Mitigation Strategy, Table 4.6.