

APPENDIX C: COMPLETED/DELETED MITIGATION ACTIONS

Table C.1 provides the disposition of actions from the previous Polk County Hazard Mitigation Plans that the jurisdictions did not to continue forward in the mitigation strategy of this plan update. This includes actions with the following statuses:

- Completed
- Delete

Table C.1. Completed and Deleted Actions from Previous Hazard Mitigation Plans

Action ID	Mitigation Project/Activity Description	Primary Hazard Addressed	2018 Action Status	2018 Action Status Comment	Completion Date	Completed Action Funding Sources	Completed Action Funding Amount
Polk County 8	Construction of Additional Storm Water Detention Basins and Channel Improvements to Polk County's "Hamilton Drain" Drainage District	Flash Flooding	Complete	Completed	5/15/2015	75%HMGP/ 10% State/ 15% Local	\$8,444,833
Polk County 9	Construct Martin Luther King Parkway extension from Euclid Ave. to I-80 with new Interchange on I-35/80	River Flooding	Deleted	US Army Corp of Engineers will not support project or issue permit for river crossing	n/a	n/a	n/a
Ankeny 6	Sanitary sewer capacity improvements southeast area relief sewer	Flash Flooding	Completed	Obstacles included funding priorities and construction difficulties	2016	Sewer Enterprise Fund	\$100,000
Ankeny 7	Sanitary sewer capacity improvements Southeast 2nd Avenue trunk interconnect	Flash Flooding	Completed	Obstacles included construction difficulties	2014	Sewer Enterprise Fund	\$250,000
Ankeny 9	Sanitary sewer capacity improvements West Outfall Relief sewer	Flash Flooding	Completed	Obstacles included construction difficulties and property access	2016	Sewer Enterprise Fund	\$1,790,000
Ankeny 11	Storm sewer/channel improvements Southeast 4th Street and Wanda storm sewer	Flash Flooding	Completed	Obstacles included construction affected any residential properties	2014	Sewer Enterprise Fund	\$175,500
Ankeny 13	Storm sewer/channel improvements Tributary "A" Stream and Southeast Tributary to Four Mile Creek channel improvements	Flash Flooding	Completed	Obstacles included funding and acquiring easements in back yards of private property	2016	Sewer Enterprise Fund	\$1,900,000
Ankeny 19	Storm sewer/channel improvements - West First Street Storm Sewer Improvements	Flash Flooding	Deleted	Prioritization lowered as the positive impact from this project was minimized by local repairs and greater city wide needs were identified.	n/a	n/a	n/a
Ankeny 20	Embankment stabilization - NW Irvinedale Drive	Sinkholes/ Landslides	Completed	Obstacles included funding, traffic control, and staging	2018	Stormwater Fund	\$250,000

Action ID	Mitigation Project/Activity Description	Primary Hazard Addressed	2018 Action Status	2018 Action Status Comment	Completion Date	Completed Action Funding Sources	Completed Action Funding Amount
Bondurant 7	Generator for City Hall phones	Windstorm	Completed	None	7/1/2015	Local Tax Levy	Not Reported
Clive 8	Outdoor Warning Siren Replacement	Tornado	Completed	None	6/26/2014	Capital Equipment Program	\$122,995
Clive 9	Outdoor Warning Siren Addition	Tornado	Completed	None	6/26/2014	Capital Equipment Program	\$24,838
Des Moines 9	Removed mitigated properties from repetitive loss property list	River Flooding	Deleted	Combined with new action	n/a	n/a	n/a
Des Moines 26	Remove repetitive loss properties from flood prone areas	River Flooding	Deleted	Combined with new action	n/a	n/a	n/a
Johnston 3	Generator at City Hall	Windstorms	Deleted	Backup generator will be included in the new City Hall being built in 2020	n/a	n/a	n/a
Johnston 4	Generator at Public Safety (fire/police station)	Windstorms	Completed	Obstacle included funding	2015	Not Reported	\$ 250,000
Johnston 7	Johnston Continue to work with Iowa DOT to eliminate flooding at Northwest Beaver Drive (water impounded since the 2008 flood may be affecting the water table and may be polluted)	River Flooding	Completed	Obstacle included policy	2010	Iowa DOT	Not reported
Johnston 9	Conduct flood impact study on Merle Hay and Beaver Creek area	River Flooding	Completed	Obstacle included funding	Not reported	Not reported	Not reported
Johnston 10	Continue to comply with the NFIP by enforcing floodplain management ordinance, including regulating/monitoring new construction and substantial improvements in the SFHA; and participating in floodplain identification and mapping.	River Flooding	Completed	None	2/2019	IDNR & FEMA	Not reported
Urbandale 10	Replace one warning sirens at City Hall	Tornado	Completed	None	6/2014	Operating Budget	\$32,270
Urbandale 13	Fire Station No. 42: Expansion of Living Quarters	Structural Fire	Completed	None	7/2015	General Obligation Bonds	\$1,107,360

Action ID	Mitigation Project/Activity Description	Primary Hazard Addressed	2018 Action Status	2018 Action Status Comment	Completion Date	Completed Action Funding Sources	Completed Action Funding Amount
Urbandale 17	Elevated bridge at 156th and Walnut Creek	Flash Flooding	Completed	None	2015	Capital Improvement Program	\$1,347,976
Urbandale 18	Fire Truck Replacement	Structural Fire	Completed	None	9/2016	Capital Improvement Program	\$462,403
Urbandale 19	Traffic Signal Preemption	Structural Fire	Completed	Funding was an obstacle	2016	Capital Improvement Program	\$577,548
Urbandale 22	Oakwood Drive Channel Improvements	Flash Flooding	Completed	None	3/2017	FEMA/General Obligation Bonds	\$561,977
Urbandale 23	73rd Place Storm Drainage Improvement	Flash Flooding	Completed	Funding was an obstacle	2/2018	General Obligation Bonds	\$2,151,179
Urbandale 27	Traffic Signal Battery Backup Program	Infrastructure Failure	Completed	None	9/2018	Capital Improvement Program	\$88,725
West Des Moines 3	"Extending levee system at Raccoon River Park to Westerly City Boundaries"	River Flooding	Deleted	No longer viable.	n/a	n/a	n/a
West Des Moines 9	Construct safe room at City Hall for IT assets and infrastructure	Windstorms	Deleted	No longer necessary	n/a	n/a	n/a
West Des Moines 10	Continue to comply with the NFIP by enforcing floodplain management ordinance, including regulating/monitoring new construction and substantial improvements in the SFHA; and participating in floodplain identification and mapping.	River Flooding	Deleted	No longer necessary with new higher standards set. (2019 West Des Moines 14 Mitigation Action)	n/a	n/a	n/a
Windsor Heights 5	Harden City Hall to Meet FMA 361 Community Shelter Specifications	Flash Flooding	Completed	None.	12/2016	Not Reported	Not Reported

Action ID	Mitigation Project/Activity Description	Primary Hazard Addressed	2018 Action Status	2018 Action Status Comment	Completion Date	Completed Action Funding Sources	Completed Action Funding Amount
Windsor Heights 9	Safe room at Colby Park and DPW	Tornado	Deleted	Colby Park, DPW, and Community Event Center are in 100-year floodplain and cannot serve as safe room locations.	n/a	n/a	n/a
Windsor Heights 10	Install generator at Community and Events Center	Windstorm	Deleted	No need for generator at CEC if not safe room.	n/a	n/a	n/a
Des Moines Schools 2	Construct a multipurpose room as a safe room- Cowles Elementary	Tornado	Deleted	Combined efforts as priority has not been determined	n/a	n/a	n/a
Des Moines Schools 3	Construct a multipurpose room as a safe room- Findley Elementary	Tornado	Deleted	Combined efforts as priority has not been determined	n/a	n/a	n/a
Des Moines Schools 4	Construct a multipurpose room as a safe room- Howe Elementary	Tornado	Deleted	Combined efforts as priority has not been determined	n/a	n/a	n/a
Des Moines Schools 5	Construct a multipurpose room as a safe room-Jackson Elementary	Tornado	Deleted	Combined efforts as priority has not been determined	n/a	n/a	n/a
Des Moines Schools 6	Construct a multipurpose room as a safe room-Jefferson Elementary	Tornado	Deleted	Combined efforts as priority has not been determined	n/a	n/a	n/a
Des Moines Schools 7	Construct a multipurpose room as a safe room-Lovejoy Elementary	Tornado	Deleted	Combined efforts as priority has not been determined	n/a	n/a	n/a
Des Moines Schools 8	Construct a multipurpose room as a safe room-Madison Elementary	Tornado	Deleted	Combined efforts as priority has not been determined	n/a	n/a	n/a
Des Moines Schools 9	Construct a multipurpose room as a safe room-Studebaker Elementary	Tornado	Deleted	Combined efforts as priority has not been determined	n/a	n/a	n/a
Des Moines Schools 10	Construct a multipurpose room as a safe room-Wright Elementary	Tornado	Deleted	Combined efforts as priority has not been determined	n/a	n/a	n/a
Johnston Schools 1	Construct safe room/building for outside sports complex	Tornado	Deleted	Not reported.	n/a	n/a	n/a

Action ID	Mitigation Project/Activity Description	Primary Hazard Addressed	2018 Action Status	2018 Action Status Comment	Completion Date	Completed Action Funding Sources	Completed Action Funding Amount
Johnston Schools 2	Storm sewer improvements North of the High School to prevent flooding in athletic buildings, practice areas, and parking	Flash Flooding	Deleted	Not reported.	n/a	n/a	n/a
Windsor Heights 10	Install generator at Community and Events Center	Windstorm	Deleted	No need for generator at CEC if not safe room.	n/a	n/a	n/a

Source: Mitigation Action Spreadsheets Completed by Each Jurisdiction; N/A= Not Available or Not Applicable