

**2020 Juniata County Hazard Mitigation Plan - Municipal Project Opportunities**

Municipality	Community Rank	Project Name	Mitigation Measures		Hazard Mitigated	Total Cost
			Description of Problem to be Solved	Project Description		
Delaware Township	1	Nipple Road Culvert Replacement	36" culvert pipe does not handle heavy rains and washes out road.	Replace 36" pipe with 6' x 30' squash steel pipe with wing walls.	Flooding	\$5,000.00
Fayette Township	N/A	Bunkertown Road Culvert Pipe Replacement	Clean bed below culvert pipe to eliminate damming of water. Remove and replace existing culvert pipe.	Replace existing culvert pipe. Clean stream bed below pipe downstream.	Flooding	\$50,000.00
Fermanagh Township	1	Cul De Sac Britcher Drive	Water	Road/basin washout. Put better drainage	Flooding	N/A
Fermanagh Township	2	North Ridge Road	Road wash out	Install pipes (2)	Flooding/ Transportation Accidents	N/A
Lack Township	2	Campbell Hollow East	Replace small pipe with aluminum box culvert. 48'.5" x 15'.6" x 7'3'.	Replace pipe with aluminum box culvert	Flooding	\$100,000.00 - \$125,000.00
Lack Township	3	Campbell Hollow West	Water over road.	Replace pipe so flooding stop. Replace with aluminum box culvert. 40.5 (L) x 27.5 (W) x 7.0 (H)	Flooding	\$150,000.00 - \$175,000.00
Lack Township	1	Shelter Generator	To have electric for shelter in emergency. To help house families in need and in time of disaster.	Generator heavy enough to handle building.	Utility Outage	N/A
Mifflin Borough	N/A	Condemn and Remove Building From Floodplain	Run down structly unsound	Remove from flood plain	Flooding	\$20,000.00
Mifflin Borough	N/A	Emergency Generator	Provide generator	Purchase and install emergency power generator	Utility Outage	\$25,000.00
Spruce Hill Township	3	Emergency Generator	No backup power at our township shelter.		Utility Outage	\$15,000.00
Susquehanna Township	N/A	Creek Pipe Replacement	Pipe collapsed and deteriorating head walls causing roadway to fall away and flood traffic hazard	Replace head walls and pipe. Make stone apron's.	Transportation Accidents	\$30,000.00
Tuscarora Township	3	Dry Hydrant - Creek Road	Pipe got broken from ice last winter.	Replace broken pipe and try to protect from jam in future.	Wildfire	\$875.00
Tuscarora Township	1	Dry Hydrant - McKenly Road and Noss Road	Due to changes in stream, suction line is no longer under water.	Dig suction line up and relocate to deeper water hole up stream.	Wildfire	\$780.00
Tuscarora Township	2	Dry Hydrant - Mill Street	Hydrant was hit by car and cracked pipe.	Dig pipe up to fix broken pipe section.	Wildfire	\$610.00
Tuscarora Township	6	Replace Large Pipe - Willow Run Road	Remove old pipe that the bottom is rusted out. Replace with larger one.	Remove old pipe and replace with a new one. 40" H x 56" W x 30'	Flooding	\$5,964.00
Tuscarora Township	7	Replace Large Pipe - Heckman Station Road	Replace old pipe and replace with new one.	Dig out old pipe and replace with new one. Cut pavement out, remove old pipe, put in new pipe. Back fill and repave.	Flooding	\$1,312.00
Tuscarora Township	4	Replace Old Pipe - Price Road	Replace old pipe. Pipe is too small for water flow.	Dig out old pipe and replace with a new one. 40" H x 56" W x 30'	Flooding	\$5,844.00
Tuscarora Township	5	Replace Old Pipe - Saw Mill Road	Bottom of pipe is rusted out.	Remove old pipe and replace with open bottom pipe. Repair or replace head walls and wing walls. 35' long x 12' wide	Flooding	N/A
Walker Township	1	Wagner Road Culvert	Culvert pipe under Wagner Road is too small to handle large rain events. Banks get washed away. Road flooded.	Remove existing culvert pipe and redesign with proper size to handle flow.	Flooding	\$40,000.00