



MEETING NOTES

Meeting	Fulton County Hazard Mitigation Plan Mitigation Strategy Workshop		
Date	January 15, 2020	Time	6:00 – 8:00 p.m.
Location	Fulton County EOC Conference Room, Services for Children Building, 219 North Second Street, McConnellsburg, PA		
Attendees	Mary K. Seville, Planning & Mapping Director, Fulton County Planning & Mapping Department		
	Brian Barton, Fulton County Emergency Management Agency (EMA)/911		
	Donna Welsh, Ayr Township		
	Ray Powell, Supervisor, Bethel Township		
	Richard Harr, Supervisor, Belfast Township		
	Connie Hann, Secretary, Dublin Township and Todd Township		
	Eric Reckner, Emergency Management Coordinator, Thompson Township		
	Nelson DeShong, Supervisor, Todd Township		
	Jim Gress, Supervisor, Todd Township		
	Stanley Mellott, Supervisor, Todd Township		
	Alan H. Michael, Supervisor, Union Township		
	Chip Keebaugh, American Red Cross		
	Allen White, American Red Cross		
	Michelle Hall, Central Fulton School District		
	Bob Povlich, Planning Coordinator, Franklin County Department of Emergency Services		

Discussion Points

This section summarizes each discussion point addressed during the Mitigation Strategy Workshop.

Welcome

Ms. Seville welcomed attendees to the meeting. Attendees introduced themselves and identified the organizations they represented.

Worksheet Completion Status

A review was conducted of the status of the Hazard Evaluation, Capability Assessment, Mitigation Strategy, and NFIP surveys, which had been provided to the municipalities to complete. At the start of the meeting, 12 of the 13 municipalities had completed the surveys. Ms. Seville reminded attendees that worksheet completion is a participation requirement for the planning process. No representative of the remaining municipality was present at the meeting. Ms. Seville will reach out to remind the municipal officials to complete the worksheets.



MEETING NOTES

Municipal Risk Factor Analysis

At the start of the meeting, four municipalities had not completed and turned in their risk factor analysis worksheets. During the meeting, two municipalities completed their worksheets and turned them in. The other two municipalities will be reminded that they need to complete them and submit them to Ms. Seville.

Goals and Objectives Review

Ms. Seville reviewed the goals and objectives of the 2020 HMP with the attendees. Questions arose about houses that need to be demolished throughout the county. There was also a discussion about the types of ordinances needed for those properties. The discussion was followed by a question about who would enforce the ordinances, as the Pennsylvania State Police do not enforce municipal ordinances according to the understanding of those present. Another question concerned whether the county was able to enforce an ordinance and the possibility of using the County Sheriff.

Review Existing Mitigation Strategy

After reviewing the existing mitigation action plan, some extra mitigation actions were added. The Todd Township items included the flooding that occurs in the Cold Springs Development; and in areas around Waring, the ball fields, and Cloverleaf Court. The Narrow Road bridge near Stage Coach Road also needs to be replaced. The "Horseshoe Turn" in Belfast Township was added, because of tractor trailer accidents in that area. There was also a discussion about revising the wording of FC-15 in Union Township regarding the slide area.

Next Steps

The following next steps were reviewed at the meeting:

1. Municipal officials will submit action worksheets for any actions to be added to the HMP by February 28, 2020.
2. Ms. Seville will reach out to the remaining municipality to submit its worksheets.
3. A mitigation strategy review meeting will be conducted after the mitigation strategy is finalized.
4. The draft HMP will be finished and posted for public comment.
5. A public draft review meeting will be conducted after the public comment period.
6. The plan will be submitted to the Pennsylvania Emergency Management Agency (PEMA) following the public meeting.

The meeting adjourned at 8:00 p.m.



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**Fulton County
Hazard Mitigation Plan (HMP) Update
Mitigation Strategy Workshop**

Agenda

- Welcome
- Worksheet Completion Status
- Municipal Risk Factor Analysis
- Review Existing Mitigation Strategy
- Develop the Updated Mitigation Strategy
- Next Steps
- Questions

Welcome

Worksheet Completion Status

- Still need worksheets from *just 1 more municipality!*
- Participation status tracker available upon request
- Worksheet completion is a participation requirement for the HMP
 - Lack of participation in this HMP planning process can prevent funding eligibility

Municipal Risk Factor Analysis

- Risk Factor Analysis

HAZARD RISK	HAZARDS	RISK ASSESSMENT CATEGORY					RISK FACTOR (RF)
		PROBABILITY	IMPACT	SPATIAL EXTENT	WARNING TIME	DURATION	
HIGH	Flood	3	4	4	3	4	3.6
	Winter Storm	4	3	4	1	4	3.4
	Transportation Accidents	4	2	2	4	2	2.8
	Environmental Hazards	3	2	2	4	3	2.6
	Drought	3	1	4	1	4	2.2
MODERATE	Dem Failure	1	3	2	4	3	2.3
	Earthquake	2	1	4	4	1	2.2
	Tornado/Wind	4	1	1	4	1	2.2
	Subsidence/Sinkhole	3	1	1	4	4	2.2
	Radon Exposure	4	1	1	3	1	2.1
LOW	Wildfire	3	1	1	4	1	1.9
	Halatexon	2	1	2	3	1	1.7
	Landslide	1	1	1	4	4	1.6

Municipal Risk Factor Analysis

Jurisdiction Risk - _____ (Municipality)

Dem Failures	Drought	Earthquake	Environmental Hazards	Flooding/Flash Flood/ice jam	Hallitcom	Landslide	Radon Exposure	Subsidence and Sinkholes	Tornado/ Windstorm	Transportation Accidents	Wildfire	Winter Storm
2.3	2.5	2.2	2.6	3.6	1.7	1.6	2.1	2.2	2.2	2.8	1.9	3.4

- > Your municipality's risk from this hazard is greater than the County's risk as a whole
- < Your municipality's risk from this hazard is less than the County's risk as a whole
- = Your municipality's risk from this hazard is about the same as the County's risk as a whole



Develop the Updated Mitigation Strategy

- Problems and Problem Areas
 - Dam Failure – awareness of people downstream
 - Environmental Hazards
 - Awareness of people within vulnerability radius of hazmat facility
 - Small spills from transportation accidents
 - Floods, Flash Floods, and Ice Jams
 - What culverts/bridges give you problems?
 - Where do you need to keep closing the road?

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Develop the Updated Mitigation Strategy

- Problems and Problem Areas
 - Landslides
 - Where does the hill keep falling on the road?
 - Transportation Accidents
 - PA-915 near Slabtown Drive
 - US-30 near South Valley Road
 - I-70 in Brush Creek Township
 - Other intersections/corridors?

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Develop the Updated Mitigation Strategy

- Mitigation Action Worksheet

Municipality(ies)	Action
Action Number:	
Location (Address, latitude)	
Mitigation Technique Category	
Hazard(s) Addressed	
Priority (High, Medium, Low)	
Estimated Cost	
Potential Funding Sources	
Timeline	
Lead Agency/Department	
Support Agency(ies)/Department(s)	
Project Point of Contact	
Name	
Title	
Agency/Department	
Phone	
E-mail	

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Next Steps

- Identify and Submit Mitigation Actions
- Solicit Additional Participation
- Conduct Mitigation Strategy Review Meeting
- Finalize the Draft HMP
- Provide Public Comment Period
- Conduct Draft Review Meeting
- Submit Plan Update to Pennsylvania Emergency Management Agency (PEMA)
- Submit Plan Update to Federal Emergency Management Agency (FEMA)

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Questions?

Thank you for your time!

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Contacts



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AGENDA

FULTON COUNTY HAZARD MITIGATION PLAN UPDATE Mitigation Strategy Workshop

Wednesday, January 15, 2020 | 6:00 – 8:00 p.m.

1. Welcome

2. Worksheet Completion Status

3. Municipal Risk Factor Analysis

4. Review Existing Mitigation Strategy

- a. Goals and Objectives Review
- b. Status of 2015 Mitigation Actions

5. Develop the Updated Mitigation Strategy

- a. Purpose of the Mitigation Strategy
- b. Suggested Goals and Objectives
- c. Categories of Mitigation Actions
- d. Example Mitigation Actions
- e. Additional Mitigation Actions
- f. Problems and Problem Areas
- g. Mitigation Action Worksheet

6. Next Steps

- a. Identify and Submit Mitigation Actions
- b. Solicit Additional Participation
- c. Conduct Mitigation Strategy Review Meeting
- d. Finalize the Draft HMP
- e. Provide Public Comment Period
- f. Conduct Draft Review Meeting
- g. Submit Plan Update to PEMA
- h. Submit Plan Update to FEMA

7. Questions

8.



Fulton County Hazard Mitigation Plan
Mitigation Strategy Workshop

Worksheet Completion Status

Municipality	Hazard Evaluation Survey	Capability Assessment Survey	Mitigation Strategy Survey	NFIP Survey	Risk Factor Analysis
Fulton County	x	x	x	N/A	N/A
Ayr Township	x	x	x	x	x
Belfast Township	x	x	x	x	
Bethel Township	x	x	x	x	
Brush Creek Township	x	x	x	x	x
Dublin Township	x	x	x	x	x
Licking Creek Township	x	x	x	x	
McConnellsburg Borough	x	x	x	x	x
Taylor Township	x	x	x	x	x
Thompson Township	x	x	x	x	x
Todd Township	x	x	x	x	x
Union Township	x	x	x	x	x
Valley-Hi Borough					
Wells Township					

Information current as of 12/26/19



Risk Ranking for Fulton County

HAZARD RISK	HAZARDS	RISK ASSESSMENT CATEGORY					RISK FACTOR (RF)
		PROBABILITY	IMPACT	SPATIAL EXTENT	WARNING TIME	DURATION	
HIGH	Flood, Flash Flood, Ice Jam	3	4	4	3	4	3.6
	Winter Storm	4	3	4	1	4	3.4
	Transportation Accidents	4	2	2	4	2	2.8
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	Radon Exposure	4	1	1	3	1	2.1
LOW	Wildfire	3	1	1	4	1	1.9
	Hailstorm	2	1	2	3	1	1.7
	Landslide	1	1	1	4	4	1.6

Jurisdiction Risk - _____ (Municipality)

Dam Failures	Drought	Earthquake	Environmental Hazards	Flooding/Flash Flood/Ice Jam	Hailstorm	Landslide	Radon Exposure	Subsidence and Sinkholes	Tornado/Windstorm	Transportation Accidents	Wildfire	Winter Storm
2.3	2.5	2.2	2.6	3.6	1.7	1.6	2.1	2.2	2.2	2.8	1.9	3.4

- > Your municipality’s risk from this hazard is greater than the County’s risk as a whole.
- < Your municipality’s risk from this hazard is less than the County’s risk as a whole.
- = Your municipality’s risk from this hazard is about the same as the County’s risk as a whole.

Existing (2015) Goals

Goal 1: Prevent hazards from impacting the community.

- Objective 1.A: Work with the municipalities to create and/or update land use regulations (e.g., zoning, subdivision, and land development).
- Objective 1.B: Address areas of roadways that are vulnerable to hazard impacts.

Goal 2: Protect the people, property, and environment in hazard areas.

- Objective 2.A: Examine property protection measures and their applicability to the community.
- Objective 2.B: Identify hazard areas in which property protection measures would be most effective.

Goal 3: Maintain and enhance emergency services capabilities in the community.

- Objective 3.A: Ensure adequate communications capabilities among emergency response organizations.
- Objective 3.B: Continue to train municipal Emergency Management Coordinators, relevant personnel, and interested members of the community on hazard protection, preparedness, and response.
- Objective 3.C: Ensure adequate water supply to fight urban and wildland fires.

Goal 4: Protect natural resources within the hazard areas.

- Objective 4.A: Continue working with the Conservation District to ensure that the County's natural resources are protected.
- Objective 4.B: Maintain environmental education programs that the conservation and extension offices conduct, and perhaps create new ones.

Goal 5: Ensure that stakeholder groups have necessary information to mitigate against hazard impacts.

- Objective 5.A: Continue StormReady program participation.
- Objective 5.B: Update and maintain the County website with current information from all departments.

2020 Goals and Objectives

Goal 1: Protect the people, property, and environment in hazard areas.

- Objective 1.A: Examine property protection measures and their applicability to the community.
- Objective 1.B: Protect critical facilities in hazard areas.
- Objective 1.C: Acquire, relocate, elevate, and/or retrofit existing structures, including repetitive loss properties, located in hazard areas.
- Objective 1.D: Encourage homeowners, renters, and businesses to insure their properties against all hazards, including flood coverage under the National Flood Insurance Program (NFIP).
- Objective 1.E: Protect the County's natural resources.

Goal 2: Prevent hazards from impacting the community.

- Objective 2.A: Work with the municipalities to create and/or update land use regulations (e.g., zoning, subdivision, and land development).
- Objective 2.B: Address areas of roadways that are vulnerable to hazard impacts.

Goal 3: Enhance awareness, understanding, and preparedness among local, county, state, and federal emergency management personnel to protect public health and safety.

- Objective 3.A: Ensure adequate communications capabilities among emergency response organizations.
- Objective 3.B: Continue to train municipal Emergency Management Coordinators, relevant personnel, and interested members of the community on hazard protection, preparedness, and response.
- Objective 3.C: Ensure adequate water supply to fight urban and wildland fires.

Goal 4: Ensure that stakeholder groups have necessary information to mitigate against hazard impacts.

- Objective 4.A: Develop public education and outreach programs on hazards and hazard mitigation.
- Objective 4.B: Educate property owners in hazard-risk areas regarding their risks and the precautions they can take.
- Objective 4.C: Encourage residents to implement hazard mitigation and preparedness measures on their properties.

Mitigation Action Plan Review

Existing Mitigation Action	Status					Review Comments
	No Progress / Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
FC-1. County - Develop and conduct refresher courses and trainings for citizens involved with former County CERT and Citizen Corps. Sample supplemental activities could include website, e-blast, and flyers to advertise opportunities.			X		X	<ul style="list-style-type: none"> This training is constantly updated and considered a capability.
FC-2. County - Begin the process to review and revise existing subdivision and land development regulations to minimize flood risk, subsidence/sinkhole risk, and other hazard risks as appropriate. This effort may be multi-municipal/regional, as interest and priorities allow. County can consider public outreach activities (newsletters, e-blasts, and public presentations) to demonstrate inclusiveness, transparency, and multi-municipal/regional collaboration.				X		<ul style="list-style-type: none"> The county participated in a 6-county regional comprehensive plan through the Southern Alleghenies Planning and Development Commission. Local regulations are being updated to reflect the comprehensive plan.
FC-3. County and All Municipalities - Develop and implement an enhanced all-hazards, public outreach/education/mitigation information program on natural hazard risks and a non-technical explanation of what residents can do in the way of mitigation and preparedness, including flood insurance.			X		X	<ul style="list-style-type: none"> This is continuously implemented and considered a capability.
FC-4. County and All Municipalities - Encourage cross-training of existing personnel or utilize County personnel resources, as timing and funding permit, to enhance local administrative and technical ability. Areas for further professional development may include planning expertise, floodplain administration, hazard/risk management, grant writing and funding, and cost/benefit analysis.		X	x		X	<ul style="list-style-type: none"> This is continuously implemented and considered a capability. The County marked this as continuous. Bethel Township marked this as in progress.

Existing Mitigation Action	Status					Review Comments
	No Progress / Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
FC-5. County - Evaluate the need for a voluntary animal waste/manure/fertilizer self-reporting program for farmers, CAFO facilities, and other relevant organizations to utilize so that the County can more accurately estimate the amount of hazardous biological waste transported through the County and so that additional mitigation/safety measures may be implemented, if necessary.			X			<ul style="list-style-type: none"> The PSU Cooperative Extension should be involved. This action will remain an action for implementation.
FC-6. County - Create and maintain a web-based inventory of the County's special needs population to strengthen emergency response and evacuation operations.		X				<ul style="list-style-type: none"> This action will remain an action for implementation.
FC-7. County - Ensure all applicable private industrial, commercial, and public utility service providers have a current Environmental Emergency Response Plan per the Federal Clean Water Act the Pennsylvania Clean Streams Law (35 P.S. §§691.1-691.1001), the Pennsylvania Solid Waste Management Act, the Pennsylvania Storage Tank Act, the Oil Pollution Act, and regulations promulgated thereunder.	X					<ul style="list-style-type: none"> This action will remain an action for implementation.
FC-8. County - Strengthen the County's domestic animal health surveillance by familiarizing the Fulton County agricultural community with the list of reportable diseases and conditions related to animal health per the OIE and the Pennsylvania Domestic Animal Act (Act 100 of 1996).		X				<ul style="list-style-type: none"> The PSU Cooperative Extension should be involved. This action will remain an action for implementation.
FC-9. County - Work with the County's agricultural community to develop and implement the CART to strengthen the County's comprehensive emergency management program.		X				<ul style="list-style-type: none"> The PSU Cooperative Extension should be involved. This action will remain an action for implementation.
FC-10. County - Collaborate with the PADEP Bureau of Radiation Protection to ensure the State's Radon Awareness Campaign and public service announcements are disseminated throughout Fulton County. This could include collateral and website development/links, County public service announcements, and social media development.		X			X	<ul style="list-style-type: none"> Press releases about radon are issued. Collaboration occurs on a continuous basis. This action will be considered a capability.

Existing Mitigation Action	Status					Review Comments
	No Progress / Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
FC-11. Dublin Township - Obtain an engineering study to redesign the intersection at Taylor Road and Waterfall Road in Dublin Township. Currently, emergency vehicles have difficulty making the turn at this intersection.		X				<ul style="list-style-type: none"> The Township received preliminary drawings and will be speaking with the landowner about obtaining the necessary land.
FC-12. Dublin Township - Research corrective actions needed to improve the condition of Tannery Road Bridge in Dublin Township, and implement appropriate weight limit controls and other follow-up actions.		X				<ul style="list-style-type: none"> This project is on the TIP for construction in 2020.
FC-13. Dublin Township - Research corrective action to prevent flooding of Park Road in Dublin Township, and implement, if feasible.					X	<ul style="list-style-type: none"> This project can be removed, as discussed at the December 2016 annual review meeting.
FC-14. Belfast Township - In Belfast Township, cut the bank back at 278 Black Bear Road to improve sight distance and to allow more space on the road.				X		<ul style="list-style-type: none"> Belfast Township marked this complete.
FC-15. Union Township - In Union Township, continue to pursue political channels and collaboration with state agencies (e.g., PennDOT) to study and maintain the slide area on T-366 (Old 126).		X				<ul style="list-style-type: none"> The Township reported no progress.
FC-16. Ayr Township - In Ayr Township, identify and implement response to manage stormwater runoff along Route 16, from True Value to Citgo Station.		X				<ul style="list-style-type: none"> This project is on the TIP with the PA Route 16 paving project.
FC-17. County and All Municipalities - Conduct workshops and training for municipal officials on the benefits of land use regulations to protect new and existing structures and infrastructure.			X		X	<ul style="list-style-type: none"> Workshops are conducted as needed. This is considered a capability.
FC-18. County - Conduct, sponsor, or facilitate grant-writing trainings for municipal officials and other relevant personnel.			X		X	<ul style="list-style-type: none"> Training sessions are conducted as needed. This is considered a capability.
FC-19. Todd Township - Replace three tiles on Johnstons Drive, in Todd Township, with one squash tile.					X	<ul style="list-style-type: none"> The Township Supervisors do not feel that a squash tile will remedy the situation.
FC-20. Licking Creek Township - Construct a bridge on Creek Road (T-388) in Licking Creek Township over the Creek fording.	X					<ul style="list-style-type: none"> The Township reported no progress.
FC-21. Bethel Township - Increase visibility at the intersection of Great Cove Road (US-522) and Alpine Road in Bethel Township.	X					<ul style="list-style-type: none"> Bethel Township noted that no progress had been made.

Existing Mitigation Action	Status					Review Comments
	No Progress / Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
FC-22. Bethel Township - Increase visibility at the intersection of Great Cove Road (US-522) and Bethel Church Road in Bethel Township.		X				<ul style="list-style-type: none"> Bethel Township marked this project as in progress.
FC-23. Bethel Township - Increase visibility at the intersection of SR-643 and Spring Road in Bethel Township.	X					<ul style="list-style-type: none"> Bethel Township noted that no progress had been made.
FC-24. Bethel Township - Increase visibility at the intersection of Stoney Break Road and Black Oak Road in Bethel Township.	X					<ul style="list-style-type: none"> Bethel Township noted that no progress had been made.
FC-25. Bethel Township - Increase visibility at the intersection of Buck Valley Road and Mays Chapel Road in Bethel Township.	X					<ul style="list-style-type: none"> Bethel Township noted that no progress had been made.
FC-26. County and All Municipalities - Comply with floodplain ordinance regulations by continuing to obtain information on existing and proposed new structures in the areas with the highest relative vulnerability to determine the best property protection methods. The following information should be obtained: <ul style="list-style-type: none"> Lowest floor elevation Number of stories Presence of a basement Market or replacement value 			X		X	<ul style="list-style-type: none"> This is continuously implemented and considered a capability.
FC-27. All Municipalities - Comply with floodplain ordinance regulations by continuing to obtain information for all existing and proposed new structures in the 1-percent chance floodplain to determine the best property protection methods to promote with individual property owners.					X	<ul style="list-style-type: none"> This is continuously implemented and considered a capability.
FC-28. All Municipalities - Comply with floodplain ordinance and building code regulations by requiring anchor straps and improved roofing shingles on new and existing manufactured homes and residences of the County.					X	<ul style="list-style-type: none"> This is continuously implemented and considered a capability.

Existing Mitigation Action	Status					Review Comments
	No Progress / Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
FC-29. County - Establish a Firewise Program in the County, especially around the Meadow Grounds Lake, Cowans Gap State Park, and Breezewood Park. Part of this initiative could include visual development of impacted areas, public service announcements, and educational outreach to farmers, hunters, campers, hikers, school children, and homeowners in the Wildland-Urban Interface.		X				<ul style="list-style-type: none"> The County EMA will work with the Department of Forestry to determine what is required.
FC-30. County - Identify and apply for funding to enhance the County's radio system.				X		<ul style="list-style-type: none"> This has been completed.
FC-31. County and All Municipalities - Identify and apply for funding to upgrade emergency responders' radio equipment.			X		X	<ul style="list-style-type: none"> This is continuously implemented and considered a capability.
FC-32. Belfast Township - Install dry hydrant locations along PA-655 to assist the Needmore Fire Company.				X		<ul style="list-style-type: none"> Belfast Township marked this complete.
FC-33. County - Protect natural wetlands that may absorb floodwaters. The benefits of this action would be described in other collateral developed for related initiatives.			X		X	<ul style="list-style-type: none"> This is continuously implemented and considered a capability.
FC-34. County - Implement programs deemed necessary by the Conservation District.			X		X	<ul style="list-style-type: none"> This is continuously implemented and considered a capability.
FC-35. County - Coordinate with the conservation and extension offices to provide education and training to emergency responders, managers, and municipal officials. Topic focuses could include modules from the Emergency Operations Plan, Crisis Communications, volunteer management, and recovery/resilience strategies.			X		X	<ul style="list-style-type: none"> Education and training are provided as needed. This is considered a capability.
FC-36. County and All Municipalities - Encourage major employers and other facilities to participate in the secondary StormReady programs. Such encouragement could occur through digital and print collateral, personal outreach, and speaking events at local service organizations (e.g., Rotary or Chamber events).			X		X	<ul style="list-style-type: none"> This is continuously implemented and considered a capability.
FC-37. County and All Municipalities - Seek relevant input from all departments during the pre-impact, impact, and post-impact phases of an emergency.			X		X	<ul style="list-style-type: none"> This is continuously implemented and considered a capability.

Existing Mitigation Action	Status					Review Comments
	No Progress / Unknown	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
FC-38. County and All Municipalities - Identify and fill gaps in information needed to conduct vulnerability analysis in hazard areas.			X		X	<ul style="list-style-type: none"> This is continuously implemented and considered a capability.
FC-39. County and All Municipalities - Evaluate existing road capacity with concern to increased truck and other traffic on local roads, and implement road improvements, as applicable.			X		X	<ul style="list-style-type: none"> This is continuously implemented and considered a capability.
FC-40. Thompson Township - In Thompson Township, upgrade and realign the intersection of Dent Road (T-343) and Timber Ridge Road (S.R. 2005) to allow for the passage of emergency vehicles.		X				<ul style="list-style-type: none"> Thompson Township has applied for multi-modal funds to implement this project.
FC-41. Taylor Township - In Taylor Township, conduct road improvements on Davis Lane (T-423).	X					<ul style="list-style-type: none"> The County reported that this will be completed in 2019. Taylor Township reported no progress.
FC-42. Taylor Township - In Taylor Township, conduct intersection improvements and cut the bank back at Frick Road and Waterfall Road.	X					<ul style="list-style-type: none"> Taylor Township reported no progress.
FC-43. Union Township - In Union Township, conduct intersection improvements at Harmonia Road (S.R. 3002) and Lehman Road (T-308).	X					<ul style="list-style-type: none"> The Township reported no progress.
FC-44. Union Township - In Union Township, conduct intersection improvements at Harmonia Road (S.R. 3002) and Stahle Road (T-314).	X					<ul style="list-style-type: none"> The Township reported no progress.
FC-45. Dublin Township - In Dublin Township, conduct intersection improvements at Waterfall Road (S.R. 475) and Battle Ridge Road (T-426).	X					<ul style="list-style-type: none"> Township supervisors are monitoring the situation.
FC-46. Ayr Township - In Ayr Township, identify correction actions on Great Cove Road (S.R. 522) by Whipporwill Lane to alleviate transportation accidents and dangerous bus stop conditions to road curve.					X	<ul style="list-style-type: none"> Ayr Township marked this project to be discontinued.
FC-47. Taylor Township - In Taylor Township, identify and coordinate with PennDOT to implement infrastructure improvements to the two state bridges along 655 between Waterfall Road and Hustontown.	X					<ul style="list-style-type: none"> Taylor Township reported no progress.
FC-48. Thompson Township - In Thompson Township, replace the corrugated metal culvert carrying West Orchard Road (T-305) over Ditch Run.		X				<ul style="list-style-type: none"> The Township reported that this action is in progress.

Existing Mitigation Action	Status					Review Comments
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FC-49. Union Township - In Union Township, maintain and upgrade Bridge No. 3 on Zachs Ridge Road (T-330), as needed.		X				<ul style="list-style-type: none"> The underpinning and scour protection have been completed. The project remains on the TIP.
FC-50. All Municipalities - Consider promoting or adopting higher regulatory and zoning standards to manage flood hazard risk, specifically through [examples]: <ul style="list-style-type: none"> Support planning board of adjustment variances in cases where appeals are directly tied to compliance with the intent of floodplain regulations (e.g. overall building height; set-backs for inclined walkways). Develop and adopt a cumulative substantial damage/improvements ordinance." 	X					<ul style="list-style-type: none"> No progress was reported by any municipality.
FC-51. County and All Municipalities - Continue to promote future growth and development in the County in areas outside of determined hazard zones, where possible.			X		X	<ul style="list-style-type: none"> This is continuously implemented and considered a capability.
FC-52. County - Request digital copies of Emergency Action Plans (EAP) and inundation maps when high-hazard dam EAPs are next updated.		X			X	<ul style="list-style-type: none"> This is continuously implemented and considered a capability.
FC-52. Mill Road Bridge		X				<ul style="list-style-type: none"> Licking Creek Township received multi-modal funding for this project in 2018. It will begin in summer 2020.



Please provide the following information for the update of actions and initiatives for your mitigation strategy. Suggested actions have been developed based on an analysis of Fulton County's needs and capabilities or were carried over from the previous hazard mitigation plan (HMP) update. If questions do not apply to your municipality, please indicate with N/A.

Please provide as much detail as possible so that mitigation actions can be expanded and customized for your municipality to accurately reflect your capabilities and methods of operation.

1. Which properties in your jurisdiction are most at-risk to flood events and would have the greatest need for retrofitting or other flood hazard mitigation measures? All repetitive loss and severe repetitive loss properties should be included. Specific property addresses do not need to be listed, (to ensure residential privacy) but names of streets or neighborhoods can be included.

2. What public outreach and education actions would you be most interested in implementing?
 - A. Provide general natural hazard risk preparedness and mitigation and related National Flood Insurance Program (NFIP) information in regular newsletters and mailings.
 - B. Provide natural hazard risk and risk reduction information through social media channels and e-mail blast systems.
 - C. Post flyers and other readily available NFIP informational materials at municipal hall or distribute at regular civic meetings.
 - D. Develop/maintain a natural hazard risk management webpage on the municipal website where information and mapping can be posted.
 - E. Encourage regular offerings of the American Red Cross Citizen's Disaster Course and other relevant classes.
 - F. Encourage private business owners and managers of infrastructure that provide critical services in post-disaster situations to develop Continuity of Operations Plans or Business Continuity Plans.
 - G. Enhance public outreach to residents in NFIP floodplain areas to inform them of annual grant opportunities, which may include distributing periodic articles and including handouts in the annual newsletter.
 - H. Other:

3. Which critical facilities still need or would benefit from a backup generator or redundant power supply?



4. Which roads would benefit from mitigation or structural projects to reduce vulnerability to hazardous materials (HazMat) incidents? Also, please specify the types of projects that would most help a high-risk road (for example, lower speed limits), if this information is available.

5. Which roads would benefit from mitigation or structural projects to reduce vulnerability to flood or stormwater incidents? Also, please specify the types of projects that would most help a high-risk road (for example, new/expanded culvert, road elevation, repaving, etc.), if this information is available.

6. What areas in the municipality are still in need of stormwater rehabilitation and upgrades?

7. What other roads in the municipality are considered high-risk and would benefit from improved design, routing, and traffic control functions? Which hazards (if any) are these roads most vulnerable to?

Hazards being profiled in the HMP are dam failure, drought, earthquake, environmental hazards (hazardous materials releases), flood, hailstorm, landslide, radon exposure, subsidence and sinkholes, tornadoes and windstorms, transportation accidents, wildfire, and winter storms.

8. What other mitigation projects are you interested in or targeting for completion during the next 5 years? Please provide as much detail as possible.

Mitigation Action Worksheet

Municipality(ies):	Action
Action Number:	
<i>Location (address, lat/long)</i>	
<i>Mitigation Technique Category</i>	
<i>Hazard(s) Addressed</i>	
<i>Priority (High, Medium, Low)</i>	
<i>Estimated Cost</i>	
<i>Potential Funding Streams</i>	
<i>Timeline</i>	
<i>Lead Agency/Department</i>	
<i>Support Agency(ies)/ Department(s)</i>	
Project Point of Contact	
<i>Name</i>	
<i>Title</i>	
<i>Agency/Department</i>	
<i>Phone</i>	
<i>E-mail</i>	

Mitigation Technique Category

- Local Plans and Regulations (LPR) – These actions include government authorities, policies, or codes that influence the way land and buildings are being developed and built.
- Structure and Infrastructure Project (SIP) – These actions involve (1) modifying existing structures and infrastructure to protect them from a hazard, or (2) removing them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also includes projects to construct manmade structures to reduce the impact of hazards.
- Natural Systems Protection (NSP) – These are actions that minimize damage and losses, and preserve or restore the functions of natural systems.
- Education and Awareness Programs (EAP) – These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities.

Costs:

If an estimated cost is known, please provide or use the following ranges:

Low = < \$10,000 *Medium* = \$10,000 to \$100,000 *High* = > \$100,000

If costs have not been estimated, please use the following categories:

- Low* Possible to fund under existing budget. Project is part of, or can be part of, an existing on-going program.
- Medium* Could budget for under existing work plan, but would require a reapportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.
- High* Would require an increase in revenue via an alternative source (i.e., bonds, grants, fee increases) to implement. Existing funding levels are not adequate to cover the costs of the proposed project.

Timeline:

Short = 1 to 5 years

Long-Term = 5 years or greater

OG = On-going program

DOF = Depending on funding



FULTON COUNTY HAZARD MITIGATION PLAN UPDATE
Mitigation Strategy Workshop

SIGN-IN

Wednesday, January 15, 2020 | 6:00 - 8:00 p.m.

NAME / TITLE	AGENCY / ORGANIZATION	E-MAIL ADDRESS	TELEPHONE
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Melissa Deshong	Todd Twp		
Jim Gless	Todd Twp		





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NAME / TITLE	AGENCY / ORGANIZATION	E-MAIL ADDRESS	TELEPHONE
Quinn Hann / Secretary	Dublin Township Todd Trunsky	<HANN @ DO.NET Todd Trunsky @ comcast.net	
Brian Bayton	Fulton EMA / 911		
STANLEY WELLS H	TOPP		
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