

APPENDIX G

Crosswalk (PEMA Plan Review Criteria and Corresponding County Plan Sections)

Jurisdiction: BLAIR COUNTY

Local Mitigation Plan Review and Approval Status

Jurisdiction: Blair County		Title of Plan: Blair County	Date of Plan: March 2008
Local Point of Contact: Gary Dennis		Address: 615 4 th Street Altoona, PA 16602	
Title: Director, Department of Emergency Services			
Agency: Blair County DES			
Phone Number: 814-940-5905		E-Mail: gdennis@winbeam.net	

State Reviewer:	Title:	Date:
-----------------	--------	-------

FEMA Reviewer:	Title:	Date:
Date Received in FEMA		

Jurisdiction:	NFIP Status*			
	Y	N	N/A	CRS Class
1. Altoona City	420159			
2. Allegheny Twp	420961			
3. Antis Twp	421385			
4. Bellwood Boro	420160			
5. Blair Twp	421386			

* Notes: Y = Participating N = Not Participating N/A = Not Mapped

Jurisdiction:	NFIP Status*			CRS Class
	Y	N	N/A	
6. Catharine Twp	420962			
7. Duncansville Boro	420161			
8. Frankstown Twp	421387			
9. Freedom Twp	421388			
10. Greenfield Twp	421389			
11. Hollidaysburg Boro	420162			
12. Huston Twp	422332			
13. Juniata Twp	421390			
14. Logan Twp	421391			
15. Martinsburg Boro	421384			
16. Newry Boro	422333			
17 North Woodbury Twp	421392			
18. Roaring Spring Boro	420163			
19. Snyder Twp	421393			
20. Taylor Twp	421394			
21. Tunnelhill Boro		X		
22. Tyrone Boro	420164			
23. Tyrone Twp	421395			
24. Williamsburg Boro	420165			
25. Woodbury Twp.	420963			

PREREQUISITE(S)

Adoption by the Local Governing Body

- **Multihazard Requirement §201.6(c)(5):** *[The local hazard mitigation plan shall include] documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan (e.g., City Council, County Commissioner, Tribal Council).*
- **FMA Requirement §78.5(f):** *Documentation of formal plan adoption by the legal entity submitting the plan (e.g., Governor, Mayor, County Executive).*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			STAFFORD		FMA	
			NOT MET	MET	NOT MET	MET
A. Has the local governing body adopted the plan?	Appendix I		X			
B. Is supporting documentation, such as a resolution, included?	Appendix I		X			
SUMMARY SCORE						

Multi-Jurisdictional Plan Adoption

- **Multihazard Requirement §201.6(c)(5):** *For multi-jurisdictional plans, each jurisdiction requesting approval of the plan must document that it has been formally adopted.*
- **FMA Requirement §78.5(f):** *Documentation of formal plan adoption by the legal entity submitting the plan (e.g., Governor, Mayor, County Executive).*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			STAFFORD		FMA	
			NOT MET	MET	NOT MET	MET
A. Does the plan indicate the specific jurisdictions represented in the plan?	Page XI			X		
B. For each jurisdiction, has the local governing body adopted the plan?	Appendix I		X			
C. Is supporting documentation, such as a resolution, included for each participating jurisdiction?	Appendix I		X			
SUMMARY SCORE						

Multi-Jurisdictional Planning Participation

- **Multihazard Requirement §201.6(a)(3):** *Multi-jurisdictional plans (e.g., watershed plans) may be accepted, as appropriate, as long as each jurisdiction has participated in the process ... Statewide plans will not be accepted as multi-jurisdictional plans.*
- **FMA Requirement §78.5(a):** *Description of the planning process and public involvement. Public involvement may include workshops, public meetings, or public hearings.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			STAFFORD		FMA	
			NOT MET	MET	NOT MET	MET
A. Does the plan describe how each jurisdiction participated in the plan's development?	Page xi			X		
SUMMARY SCORE						

PLANNING PROCESS:

Documentation of the Planning Process

- **Multihazard Requirement §201.6(b):** *An open public involvement process is essential to the development of an effective plan. In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process shall include:*
 - (1) *An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;*
 - (2) *An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process; and*
 - (3) *Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.*
- **Multihazard Requirement §201.6(c)(1):** *[The plan shall document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.*
- **FMA Requirement §78.5(a):** *Description of the planning process and public involvement. Public involvement may include workshops, public meetings, or public hearings.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			STAFFORD		FMA	
			N	S	N	S
A. Does the plan provide a narrative description of the process followed to prepare the plan?	Page viii through x			X		

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			STAFFORD		FMA	
			N	S	N	S
B. Does the plan indicate who was involved in the planning process? (For example, who led the development at the staff level and were there any external contributors such as contractors? Who participated on the plan committee, provided information, reviewed drafts, etc.?)	Page viii through x			X		
C. Does the plan indicate how the public was involved? (Was the public provided an opportunity to comment on the plan during the drafting stage and prior to the plan approval?)	Pages ix & x Appendix E			X		
D. Was there an opportunity for neighboring communities, agencies, businesses, academia, nonprofits, and other interested parties to be involved in the planning process?	Pages ix & x Appendix E			X		
E. Does the planning process describe the review and incorporation, if appropriate, of existing plans, studies, reports, and technical information?	Page xiii, 2-1			X		
SUMMARY SCORE						

RISK ASSESSMENT: §201.6(c)(2): *The plan shall include a risk assessment that provides the factual basis for activities proposed in the strategy to reduce losses from identified hazards. Local risk assessments must provide sufficient information to enable the jurisdiction to identify and prioritize appropriate mitigation actions to reduce losses from identified hazards.*

Identifying Hazards

- **Multihazard Requirement §201.6(c)(2)(i):** *[The risk assessment shall include a] description of the type ... of all natural hazards that can affect the jurisdiction.*
- **FMA Requirement §78.5(b):** *Description of the existing flood hazard and identification of the flood risk, including estimates of the number and type of structures at risk, repetitive loss properties, and the extent of flood depth and damage potential.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			STAFFORD		FMA	
			N	S	N	S
A. Does the plan include a description of the types of all natural hazards that affect the jurisdiction? If the hazard identification omits (without explanation) any hazards commonly recognized as threats to the jurisdiction, this part of the plan cannot receive a Satisfactory score. Consult with the State Hazard Mitigation Officer to identify applicable hazards that may occur in the planning area.	Pages xv & xvi			X		
SUMMARY SCORE						

Profiling Hazards

- **Multihazard Requirement §201.6(c)(2)(i):** *[The risk assessment shall include a] description of the ... location and extent of all natural hazards that can affect the jurisdiction. The plan shall include information on previous occurrences of hazard events and on the probability of future hazard events.*
- **FMA Requirement §78.5(b):** *Description of the existing flood hazard and identification of the flood risk,, and the extent of flood depth and damage potential.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			STAFFORD		FMA	
			N	S	N	S
A. Does the risk assessment identify the location (i.e., geographic area affected) of each natural hazard addressed in the plan?	Section 1			X		
B. Does the risk assessment identify the extent (i.e., magnitude or severity) of each hazard addressed in the plan?	Section 1			X		
C. Does the plan provide information on previous occurrences of each hazard addressed in the plan?	Section 1			X		
D. Does the plan include the probability of future events (i.e., chance of occurrence) for each hazard addressed in the plan?	Section 1			X		
SUMMARY SCORE						

Assessing Vulnerability: Overview

- **Multihazard Requirement §201.6(c)(2)(ii):** *[The risk assessment shall include a] description of the jurisdiction's vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description shall include an overall summary of each hazard and its impact on the community.*
- **FMA Requirement §78.5(b):** *Description of the existing flood hazard and identification of the flood risk,, and the extent of flood depth and damage potential.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			STAFFORD		FMA	
			N	S	N	S
A. Does the plan include an overall summary description of the jurisdiction's vulnerability to each hazard?	Section 1			X		
B. Does the plan address the impact of each hazard on the jurisdiction?	Section 1			X		
SUMMARY SCORE						

Assessing Vulnerability: Identifying Structures

- **Multihazard Requirement §201.6(c)(2)(ii)(A):** *The plan should describe vulnerability in terms of the types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard area*
- **FMA Requirement §78.5(b):** *Description of the existing flood hazard and identification of the flood risk, including estimates of the number and type of structures at risk, repetitive loss properties,*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			STAFFORD		FMA	
			N	S	N	S
A. Does the plan describe vulnerability in terms of the types and numbers of existing buildings (including repetitive loss structures), infrastructure, and critical facilities located in the identified hazard areas?	Section 1.8			X		
B. Does the plan describe vulnerability in terms of the types and numbers of future buildings, infrastructure, and critical facilities located in the identified hazard areas?	Section 1			X		
SUMMARY SCORE						

Assessing Vulnerability: Estimating Potential Losses

- **Multihazard Requirement §201.6(c)(2)(ii)(B):** *[The plan should describe vulnerability in terms of an] estimate of the potential dollar losses to vulnerable structures identified in paragraph (c)(2)(i)(A) of this section and a description of the methodology used to prepare the estimate*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			STAFFORD		FMA	
			N	S	N	S
A. Does the plan estimate potential dollar losses to vulnerable structures?	Section 1.8			X		
B. Does the plan describe the methodology used to prepare the estimate?	Section 1.8			X		
SUMMARY SCORE						

Assessing Vulnerability: Analyzing Development Trends

- **Multihazard Requirement §201.6(c)(2)(ii)(C):** *[The plan should describe vulnerability in terms of] providing a general description of land uses and development trends within the community so that mitigation options can be considered in future land use decisions.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			STAFFORD		FMA	
			N	S	N	S
A. Does the plan describe land uses and development trends?	Section 1.9, Appendix J			X		
SUMMARY SCORE						

Multi-Jurisdictional Risk Assessment

- **Multihazard Requirement §201.6(c)(2)(iii):** *For multi-jurisdictional plans, the risk assessment must assess each jurisdiction's risks where they vary from the risks facing the entire planning area.*
- **FMA FEMA 299 Guidance:** *The Plan should be coordinated with, and ideally developed in cooperation with, all of the local jurisdictions within the geographical area.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			STAFFORD		FMA	
			N	S	N	S
A. Does the plan include a risk assessment for each participating jurisdiction as needed to reflect unique or varied risks?	Appendix E, Section 1			X		
SUMMARY SCORE						

MITIGATION STRATEGY: §201.6(c)(3): *The plan shall include a mitigation strategy that provides the jurisdiction’s blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools.*

Local Hazard Mitigation Goals

- **Multihazard Requirement §201.6(c)(3)(i):** *[The hazard mitigation strategy shall include a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.*
- **FMA Requirement §78.5(c):** *The applicant’s floodplain management goals for the area covered by the plan.*

Element	Location in the Plan (section or annex and page #)	Reviewer’s Comments	SCORE			
			STAFFORD		FMA	
			N	S	N	S
A Does the plan include a description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards? (GOALS are long-term; represent what the community wants to achieve, such as “eliminate flood damage”; and are based on the risk assessment findings.)	Section 3, goals Section 4 objectives			X		
SUMMARY SCORE						

Identification and Analysis of Mitigation Actions

- **Multihazard Requirement §201.6(c)(3)(ii):** *[The mitigation strategy shall include a] section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.*
- **FMA Requirement §78.5(d):** *Identification and evaluation of cost-effective and technically feasible mitigation actions considered.*

Element	Location in the Plan (section or annex and page #)	Reviewer’s Comments	SCORE			
			STAFFORD		FMA	
			N	S	N	S
A. Does the plan identify and analyze a comprehensive range of specific mitigation actions and projects for each hazard?	Section 4			X		
B Do the identified actions and projects address reducing the effects of hazards on new buildings and infrastructure?	Section 4			X		

C. Do the identified actions and projects address reducing the effects of hazards on existing buildings and infrastructure?	Section 4			X		
SUMMARY SCORE						

Implementation of Mitigation Actions

- **Multihazard Requirement: §201.6(c)(3)(iii):** *[The mitigation strategy section shall include] an action plan describing how the actions identified in section (c)(3)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization shall include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.*
- **FMA Requirement §78.5(d):** *Identification and evaluation of cost-effective and technically feasible mitigation actions considered; and*
- **FMA Requirement §78.5(e):** *Presentation of the strategy for reducing flood risks and continued compliance with the NFIP, and procedures for ensuring implementation, reviewing progress, and recommending revisions to the plan.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			STAFFORD		FMA	
			N	S	N	S
A. Does the mitigation strategy include how the actions are prioritized ? (For example, is there a discussion of the process and criteria used?)	Section 4.10			X		
B. Does the mitigation strategy address how the actions will be implemented and administered ? (For example, does it identify the responsible department, existing and potential resources, and timeframe?)	Section 5.1,2			X		
B.1. Does the mitigation strategy address continued compliance with the NFIP?	Section 4.2, page 4-6			X		
C. Does the prioritization process include an emphasis on the use of a cost-benefit review (see page 3-36 of <i>Multi-Hazard Mitigation Planning Guidance</i>) to maximize benefits?	Section 4.10			X		
C.1. Does the mitigation strategy emphasize cost-effective and technically feasible mitigation actions?	Page 4-11			X		
SUMMARY SCORE						

Multi-Jurisdictional Mitigation Actions

- **Multihazard Requirement §201.6(c)(3)(iv):** *For multi-jurisdictional plans, there **must** be identifiable action items specific to the jurisdiction requesting FEMA approval or credit of the plan.*
- **FMA FEMA 299 Guidance:** *The Plan should be coordinated with, and ideally developed in cooperation with, all of the local jurisdictions within the geographical area.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			STAFFORD		FMA	
			N	S	N	S
A. Does the plan include at least one identifiable action item for each jurisdiction requesting FEMA approval of the plan?	Section 5.1,2 Section 1.6 flooding			X		
SUMMARY SCORE						

PLAN MAINTENANCE PROCESS

Monitoring, Evaluating, and Updating the Plan

- **Multihazard Requirement §201.6(c)(4)(i):** *[The plan maintenance process **shall** include a] section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.*
- **FMA Requirement §78.5(e):** *Presentation of the strategy for reducing flood risks and continued compliance with the NFIP, and procedures for ensuring implementation, reviewing progress, and recommending revisions to the plan.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			STAFFORD		FMA	
			N	S	N	S
A. Does the plan describe the method and schedule for monitoring the plan? (For example, does it identify the party responsible for monitoring and include a schedule for reports, site visits, phone calls, and meetings?)	Section 5.3,4			X		
B. Does the plan describe the method and schedule for evaluating the plan? (For example, does it identify the party responsible for evaluating the plan and include the criteria used to evaluate the plan?)	Section 5.3,4			X		
C. Does the plan describe the method and schedule for updating the plan within the five-year cycle?	Section 5.4			X		
SUMMARY SCORE						

Incorporation into Existing Planning Mechanisms

- **Multihazard Requirement §201.6(c)(4)(ii):** *[The plan shall include a] process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			STAFFORD		FMA	
			N	S	N	S
A. Does the plan identify other local planning mechanisms available for incorporating the requirements of the mitigation plan?	Section 5.4			X		
B. Does the plan include a process by which the local government will incorporate the requirements in other plans, when appropriate?	Section 2.1 & 5.4			X		
SUMMARY SCORE						

Continued Public Involvement

- **Multihazard Requirement §201.6(c)(4)(iii):** *[The plan maintenance process shall include a] discussion on how the community will continue public participation in the plan maintenance process.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			STAFFORD		FMA	
			N	S	N	S
A. Does the plan explain how continued public participation will be obtained? (For example, will there be public notices, an on-going mitigation plan committee, or annual review meetings with stakeholders?)	Section 5.4			X		
SUMMARY SCORE						

APPENDIX H

PEMA Project Opportunity Forms

Appendix H. Hazard Mitigation Project Opportunity Forms

DATE: March 17, 2008

NAME OF PROJECT: Obtain updated detailed flood studies and FIRMS Municipality: All municipalities in County County: Blair
--

PROJECT CONTACT

NAME: Gary Dennis

TITLE: Director

AGENCY: Blair County Department of Emergency Services

LOCATION OF PROJECT: Various properties

ELEVATION Various **CERTIFICATE** Y / N Unknown

Is the property within the 100 yr flood plain? Yes

The property is located on Firm Panel Number Various FIRMS

FLOOD INSURANCE Y/N Unknown

Date of Insurance Verification _____

BRIEF DESCRIPTION OF PROJECT:

Obtain updated detailed flood studies and FIRMs (including 500-year flood) for areas with the greatest potential damage and threat to residents.

Apply to FEMA for updates of the most outdated FIRMs for high-hazard areas. Also apply to FEMA for funding to undertake detailed flood studies for County's high-hazard areas to determine base flood elevations and a full range of flood-recurrence intervals (2, 5, 10, 25, 50, 100 and 500-year events) for use in future refinements of the mitigation plan.

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

There are many parcels in the County in the 100-year and 500-year floodplains, but lack of base flood elevation (BFE) for some of these parcels prevents an accurate flood-loss estimate (or cost-benefit analysis) from being done.

TOTAL ESTIMATED COST: \$15,000 for County share of cost

SOURCE OF FUNDING FOR NON-FEDERAL SHARE: To be determined

DATE: March 17, 2008

<p>NAME OF PROJECT: Define parcels/buildings and critical facilities in the floodplain Municipality: All municipalities in County County: Blair</p>
--

PROJECT CONTACT

NAME: Gary Dennis

TITLE: Director

AGENCY: Blair County Department of Emergency Services

LOCATION OF PROJECT: Various properties

ELEVATION Various **CERTIFICATE Y / N** Undetermined

Is the property within the 100 yr flood plain? Yes

The property is located on Firm Panel Number Various

FLOOD INSURANCE Y/N To be determined **Date of Insurance Verification** _____

BRIEF DESCRIPTION OF PROJECT:

Identify by municipality and evaluate protection of existing critical facilities with the highest relative vulnerability in the 100-year floodplain.

- Develop GIS data on property parcels to allow evaluation of which parcels are in the floodplain.
- Develop a list of critical facilities for the County (e.g., hospitals, police stations, fire stations, County/municipal buildings) and determine which are in the floodplain.
- Identify critical facilities with the highest relative vulnerability; conduct cost-benefit analysis of protection of those assets.

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

There are many parcels in the County in the 100-year and 500-year floodplains, but geographic information system data on parcel and building locations is not available.

TOTAL ESTIMATED COST: \$15,000 for County share of cost

SOURCE OF FUNDING FOR NON-FEDERAL SHARE: To be determined

DATE: March 17, 2008

NAME OF PROJECT: Public outreach/education regarding floods Municipality: All municipalities in County County: Blair

PROJECT CONTACT

NAME: Gary Dennis

TITLE: Director

AGENCY: Blair County Department of Emergency Services

LOCATION OF PROJECT: Various properties

ELEVATION N/A CERTIFICATE Y / N

Is the property within the 100 yr flood plain? N/A

The property is located on Firm Panel Number N/A

FLOOD INSURANCE Y/N N/A

Date of Insurance Verification _____

BRIEF DESCRIPTION OF PROJECT:

Provide public outreach/education regarding strategies (e.g., floodproofing, flood insurance) for property owners in 100-year floodplain.

Work with township/Boro officials to increase awareness of model floodplain ordinance and with property owners, including informational mailings to property owners in the 100-year floodplain, and sponsoring a series of workshops about costs and benefits of:

- Acquiring and minimizing the cost of flood insurance coverage, and
- Property acquisitions, relocation, elevation, dry floodproofing, and wet floodproofing.

BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED:

Increase awareness by residents of options for reduction of flood risk to their communities.

TOTAL ESTIMATED COST: \$9,000 for County share of cost

SOURCE OF FUNDING FOR NON-FEDERAL SHARE: To be determined

APPENDIX I

Resolutions Adopting This Plan

JAN 21 2008

RESOLUTION NO. 01-17-2008-1

HAZARD MITIGATION PLAN

WHEREAS, Allegheny Township, Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires, landslides that can result in property loss, loss of life, economic hardship and threats to public health and safety,

WHEREAS a Blair County Vulnerability Assessment and Mitigation Plan has been developed by Blair County Hazard Mitigation Planning Committee and the people of the County,

WHEREAS the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face Allegheny Township, and,

WHEREAS a series of public meetings were held to develop and review the plan,

NOW THEREFORE BE IT RESOLVED by the Chairman of the Supervisors of Allegheny Township that:

- The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of Allegheny Township.
- By September 30 each year, the Blair County Hazard Mitigation Planning Committee shall prepare an annual evaluation report to Chairman of Supervisors of Allegheny Township.
- The respective Allegheny Township officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

ADOPTED this 17th day of January, 2008


 DAVID E. BURCHFIELD JR.

ATTEST:


 DONALD W. FOWKES JR.


 THOMAS G. MARLETT JR., SECRETARY

 FRED N. IMLER II

Attachment 1

I have reviewed the Blair County Hazard Mitigation Plan, and my comments are attached.

I have reviewed the Blair County Hazard Mitigation Plan, and have no comments.

Name

Signature

January 17, 2008

Date

Allegheny Township

Name of city, borough, or township

MITIGATION PROJECT FOR OUR JURISDICTION

Type of hazard (flooding or other type) Flood

Address(es) of mitigation project: _____

Is the property within the 100 yr flood plain? _____

Does the property have flood insurance? _____

Brief description of project (such as property acquisition, building elevation) _____

Update Flood Insurance Rate Maps (FIRMs) for jurisdiction

Estimated cost: _____

WHEREAS, The City of Altoona, Blair County Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires, landslides that can result in property loss, loss of life, economic hardship and threats to public health and safety; and

WHEREAS, a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by Blair County Hazard Mitigation Planning Committee and the people of the County; and

WHEREAS, the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face the City of Altoona; and

WHEREAS, a series of public meetings were held to develop and review the plan.

NOW, THEREFORE, BE IT RESOLVED by the Governing Body of the City of Altoona that:

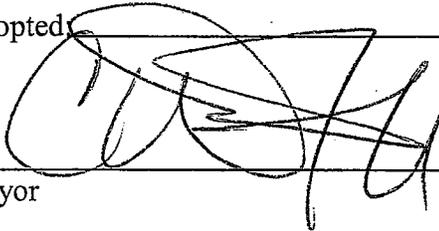
The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of the City of Altoona.

By September 30 of each year, the Blair County Hazard Mitigation Planning Committee shall prepare an annual evaluation report to the Governing Body of the City of Altoona.

The respective City officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with Blair County Hazard Mitigation Planning Committee on the progress of their activities.

JAN 23 2008

ROLL CALL

Adopted 

 Mayor

Date signed by the Mayor: JAN 25 2008

Attest: 

 City Clerk

Recorded in the City Clerk's Office: JAN 25 2008

	Yeas	Nays
Cagle	✓	
Garber	✓	
Geis	✓	
Kelley	✓	
Rieker	absent	
Schirf	✓	
Mayor Hippo	✓	
Total ...	6	0

Attachment 1

I have reviewed the Blair County Hazard Mitigation Plan, and my comments are attached.

I have reviewed the Blair County Hazard Mitigation Plan, and have no comments.

DAVID W. McFARLAND, III, AICP
Name

David W. McFarland III
Signature

JANUARY 11, 2008
Date

CITY OF ALTOONA
Name of city, borough, or township

MITIGATION PROJECT FOR OUR JURISDICTION

Type of hazard (flooding or other type) Flood

Address(es) of mitigation project: 58th St. area of Maryland Avenue

Is the property within the 100 yr flood plain? Yes

Does the property have flood insurance? Not sure

Brief description of project (such as property acquisition, building elevation) _____

Property acquisition

Estimated cost: _____

CITY OF ALTOONA



DEPARTMENT OF ADMINISTRATION

RECEIVED
JAN 31 2008

1301 12TH STREET, SUITE 100
ALTOONA, PA 16601-3491
(814) 949-2409

JOSEPH F. WEAKLAND
CITY MANAGER

January 30, 2008

Gary Dennis, Director
Blair County Department of Emergency Services
615 Fourth Street
Altoona, PA 16602

Re: Blair County Hazard Mitigation Plan

Dear Mr. Dennis,

Please find enclosed the City of Altoona's adopted Resolution of the Blair County Hazard Vulnerability Assessment and Mitigation Plan along with an executed copy of Attachment 1. If you have any questions or need any further information, please let me know.

Sincerely,

A handwritten signature in cursive script that reads "Joseph F. Weakland".

Joseph F. Weakland
City Manager

JW/kc



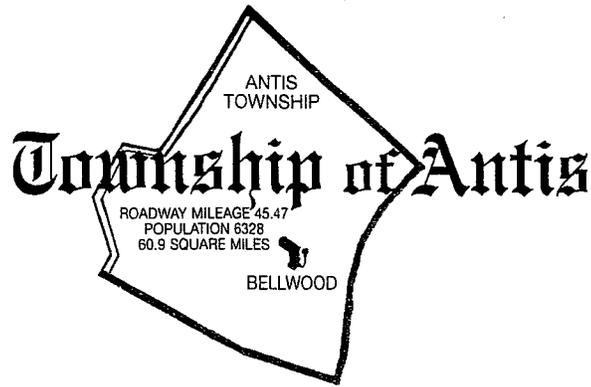
Printed on Recycled Paper

MUNICIPAL BUILDING
909 NORTH SECOND STREET
BELLWOOD, PA 16617

JEFFREY L. ZIEGLER
TOWNSHIP MANAGER

LORI A. DEL BIONDO
SECRETARY/TREASURER

PHONE: 814-742-7361
FAX: 814-742-9820



SUPERVISORS
RAYMOND E. AMATO
CHAIRMAN
CHARLES W. TAYLOR
VICE CHAIRMAN
ROBERT P. HORNBERGER SR.
ROBERT E. SMITH JR.
KENNETH W. HOSTLER

SOLICITOR
PATRICK J. FANELLI

Resolution #2-2008

WHEREAS Antis Township, Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires, landslides that can result in property loss, loss of life, economic hardship and threats to public health and safety,

WHEREAS a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by Blair County Hazard Mitigation Planning Committee and the people of the County,

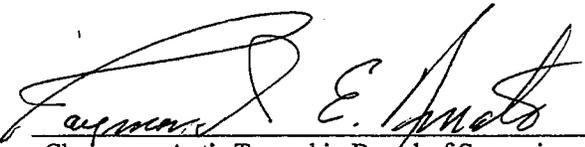
WHEREAS the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face Antis Township, and

WHEREAS a series of public meetings were held to develop and review the plan,

NOW THEREFORE IT BE RESOLVED by the Board of Supervisors of Antis Township that:

- ◆ The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of Antis Township.
- ◆ By September 30 each year, the Blair County Hazard Mitigation Planning Committee shall prepare an annual evaluation report to the Board of Supervisors of Antis Township
- ◆ The respective Township officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County hazard Mitigation Planning Committee on the progress of their activities.

ADOPTED this 7th day of February 2008



Chairman, Antis Township Board of Supervisors

Attachment 1

I have reviewed the Blair County Hazard Mitigation Plan, and my comments are attached.

I have reviewed the Blair County Hazard Mitigation Plan, and have no comments.

Name

Signature

February 7, 2008

Date

Antis Township

Name of city, borough, or township

MITIGATION PROJECT FOR OUR JURISDICTION

Type of hazard (flooding or other type) Flood

Address(es) of mitigation project: _____

Is the property within the 100 yr flood plain? _____

Does the property have flood insurance? _____

Brief description of project (such as property acquisition, building elevation) _____

Update Flood Insurance Rate Maps (FIRMs) for jurisdiction _____

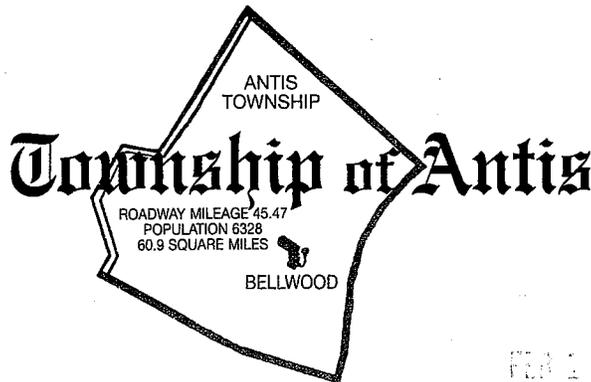
Estimated cost: _____

MUNICIPAL BUILDING
909 NORTH SECOND STREET
BELLWOOD, PA 16617

JEFFREY L. ZIEGLER
TOWNSHIP MANAGER

LORI A. DEL BIONDO
SECRETARY/TREASURER

PHONE: 814-742-7361
FAX: 814-742-9820



SUPERVISORS
RAYMOND E. AMATO
CHAIRMAN
CHARLES W. TAYLOR
VICE CHAIRMAN
ROBERT P. HORNBERGER SR.
ROBERT E. SMITH JR.
KENNETH W. HOSTLER

SOLICITOR
PATRICK J. FANELLI

February 8, 2008

Mr. Gary L. Dennis, Director
Blair County Department of Emergency Services
615 Fourth Street
Altoona, PA 16602

**RE: Comments – Blair County Hazard Mitigation Plan
Antis Township, Blair County**

Dear Gary:

Enclosed please find a fully executed copy of Resolution #2-2008, which adopts the Blair County Hazard Mitigation Plan as the official plan for Antis Township.

Before taking action on the resolution the Supervisors had the opportunity to discuss the contents of the plan and offer the following comments:

1. Under the heading "Future Development" on page 1-21 the first sentence states "... communities that do not as yet have an adopted building code..." In April of 2004 the State adopted the Uniform Construction Code which applies to all municipalities in Pennsylvania. Please change this statement in the Plan accordingly.
2. The plan identifies areas in the Township near Bellwood Borough as at the greatest risk from flooding. While we believe this area is certainly one area that is at risk, there are other places in the Township that are also frequently flooded. They are: the Lower Johnson Development in Tipton, River Road, Pineroft (near the curves), Bellmeade and Fuoss Mills. Please include these as at risk areas in the plan.

Mr. Gary L. Dennis, Director
Blair County Department of Emergency Services
February 8, 2008
Page 2

In addition, the Township continues to be interested in participating in this process as it moves forward. Please list me as the contact person for any future meetings and mailing related to this subject. If you have any questions, you may contact me at (814) 742-7361.

Sincerely,



Jeffrey L. Ziegler
Township Manager

RESOLUTION 01-07-08

WHEREAS the Borough of Bellwood , Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires, landslides that can result in property loss, loss of life, economic hardship and threats to public health and safety.

WHEREAS a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by Blair County Hazard Mitigation Planning Committee and the people of the County.

WHEREAS the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face the Borough of Bellwood, and

WHEREAS a series of public meetings were held to develop and review the plan

NOW THEREFORE BE IT RESOLVED by the President of Council of the Borough of Bellwood that:

- The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of the Borough of Bellwood.
- By September 30 each year, the Blair County Hazard Mitigation Planning Committee shall prepare an annual evaluation report to the President of Council of the Borough of Bellwood.
- The respective Borough officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

ADOPTED this the 7th day of January, 2008.

x Fred Sweigert President of the Borough of Bellwood, Blair County, Pennsylvania
Fred Sweigert, President

APPROVED this the 7th day of January, 2008

x Fred Sweigert President of the Borough of Bellwood, Blair County, Pennsylvania
Fred Sweigert, President

ATTESTED and FILED this the 7th day of January, 2008

Susan R. Waite Secretary/Treasurer of the Borough of Bellwood, Blair County, Pennsylvania
Susan R. Waite, Secretary/Treasurer

Attachment 1

I have reviewed the Blair County Hazard Mitigation Plan, and my comments are attached.

I have reviewed the Blair County Hazard Mitigation Plan, and have no comments.

Susan R. Waite
Name

Susan R. Waite, Sec./Treas.
Signature

1/30/2008
Date

Borough of Bellwood
Name of city, borough, or township

MITIGATION PROJECT FOR OUR JURISDICTION

Type of hazard (flooding or other type) Flood

Address(es) of mitigation project: _____

Is the property within the 100 yr flood plain? _____

Does the property have flood insurance? _____

Brief description of project (such as property acquisition, building elevation) _____

_____ Update Flood Insurance Rate Maps (FIRMS) for borough

Estimated cost: _____

BLAIR TOWNSHIP
575 CEDARCREST DRIVE
DUNCANSVILLE, PA. 16635

RESOLUTION No. 2008-04

WHEREAS, Blair Township, Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires, landslides that can result in property loss, loss of life, economic hardship and threats to public health and safety,

WHEREAS, a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by Blair County Hazard Mitigation Planning Committee and the people of the County,

WHEREAS, the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face Blair Township, and

WHEREAS, a series of public meetings were held to develop and review the plan,

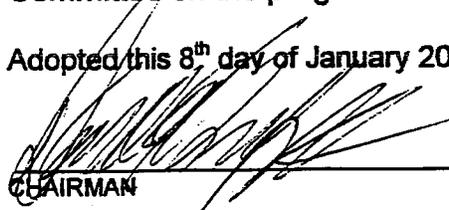
NOW, THEREFORE, BE IT RESOLVED by the Blair Township Supervisors of Blair Township, Blair County, Pennsylvania, that:

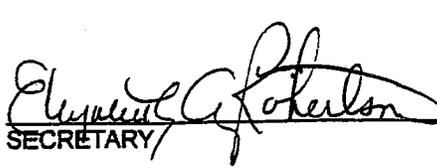
The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of the Township of Blair.

By September 30th of each year, the Blair county Hazard Mitigation Planning Committee shall prepare an annual evaluation report to the Chairperson of the Blair Township Board of Supervisors of the Township of Blair.

The respective Township Officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

Adopted this 8th day of January 2008.


CHAIRMAN


SECRETARY

January 08, 2008

RECEIVED
JAN 14 2008

Attachment 1

I have reviewed the Blair County Hazard Mitigation Plan, and my comments are attached.

I have reviewed the Blair County Hazard Mitigation Plan, and have no comments.

Betty Robertson
Name

Betty Robertson
Signature

01/07/2008
Date

Blair Township
Name of city, borough, or township

MITIGATION PROJECT FOR OUR JURISDICTION

Type of hazard (flooding or other type) Flood

Address(es) of mitigation project: Fort Fetter, Independence Pl., East View St., River Rd

Is the property within the 100 yr flood plain? Yes

Does the property have flood insurance? Not sure

Brief description of project (such as property acquisition, building elevation) _____

Property acquisition or elevation

Estimated cost: _____

Resolution No. 01-08

WHEREAS Catharine Township, Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires, landslides that can result in property loss, loss of life, economic hardship and threats to public health and safety,

WHEREAS a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by Blair County Hazard Mitigation Planning Committee and the people of the County,

WHEREAS the County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face Catharine Township and

WHEREAS as series of public meetings were held to develop and review the plan,

NOW THEREFORE BE IT RESOLVED by the Catharine Township Board of Supervisors that:

- *The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of Catharine Township.
- *By September 30 each year, the Blair County Hazard Mitigation Planning Committee shall prepare an annual evaluation report to the Catharine Township Board of Supervisors.
- *The respective Catharine Township officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

ADOPTED this the ____ day of January 2008

x Kara D. Peters of Catharine Township, Blair County Pennsylvania

APPROVED this the ____ day of January 2008

x Raive Wylad of Catharine Township, Blair County Pennsylvania

ATTESTED and FILED this the ____ day of January 2008

x Kara D. Peters of Catharine Township, Blair County Pennsylvania

Attachment 1

I have reviewed the Blair County Hazard Mitigation Plan, and my comments are attached.

I have reviewed the Blair County Hazard Mitigation Plan, and have no comments.

Name

Signature

January 2008
Date

Catharine Township
Name of city, borough, or township

MITIGATION PROJECT FOR OUR JURISDICTION

Type of hazard (flooding or other type) Flood

Address(es) of mitigation project: _____

Is the property within the 100 yr flood plain? _____

Does the property have flood insurance? _____

Brief description of project (such as property acquisition, building elevation) _____

Update Flood Insurance Rate Maps (FIRMs) for jurisdiction

Estimated cost: _____

RESOLUTION # 12-07-2

WHEREAS, DUNCANSVILLE BOROUGH, BLAIR COUNTY, PENNSYLVANIA, is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires,, landslides that can result in property loss, loss of life economic hardship and threats to public health and safety.

WHEREAS, as a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by Blair County Hazard Mitigation Planning Committee and the people of the County.

WHEREAS, the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face DUNCANSVILLE BOROUGH, and

WHEREAS, a series of public meetings were held to develop and review the plan,

NOW THEREFORE BE IT RESOLVED by the President Donald Rabenstein of Duncansville Borough Council, of the Borough of Duncansville that:

The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of the DUNCANSVILLE BOROUGH.

By September 30 each year, the Blair County Hazard Mitigation Planning Committee shall prepare an annual evaluation report to the President Donald Rabenstein and the Duncansville Borough Council of the BOROUGH OF DUNCANSVILLE.

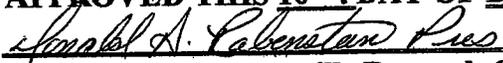
The respective Duncansville Officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

ADOPTED THIS THE 10TH DAY OF DECEMBER, 2007.



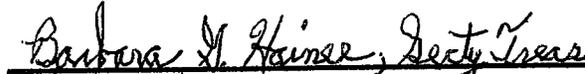
Mayor of Duncansville Borough Council, Blair County, Pennsylvania

APPROVED THIS 10TH DAY OF DECEMBER, 2007



President of Duncansville Borough Council, Blair County, Pennsylvania

ATTESTED and FILED this is the 10th DAY OF DECEMBER, 2007



Barbara G. Haines, Secretary Treasurer, Blair County, Pennsylvania

RECEIVED

JAN 23 2008

Attachment 1

I have reviewed the Blair County Hazard Mitigation Plan, and my comments are attached.

I have reviewed the Blair County Hazard Mitigation Plan, and have no comments.

Barbara G. Hinkas
Name

Barbara J. Haines, Secty. Local
Signature

1-25-08
Date

Duncansville Borough
Name of city, borough, or township

MITIGATION PROJECT FOR OUR JURISDICTION

Type of hazard (flooding or other type) Flooding

Address(es) of mitigation project: Gillans Run - Restoration of same

Is the property within the 100 yr flood plain? Yes

Does the property have flood insurance? N/A

Brief description of project (such as property acquisition, building elevation) Gillans Run & its Tributary Area of Duncansville Beginning near Leighty's Bend and 197th Street (respectively) and extending in a Downstream/Easterly Direction along the Stream to the Box Culvert under Interstate 99. Using "Natural Stream Design Concepts," Construct Rock Cross Vanes Rock J-Hooks, Install Riprap Lining, Remove Deposits and Gravel Bar Materials, and Install Vegetation to Control/Minimize Streambank Erosion and Stabilize Stream banks

Estimated cost: \$130,000.00

RESOLUTION NO. 9-07-10
BLAIR COUNTY HAZARD MITIGATION PLAN

WHEREAS, the Township of Frankstown, Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires and landslides that can result in property loss, loss of life, economic hardship and threats to public health and safety, and

WHEREAS, a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by the Blair County Hazard Mitigation Planning Committee and the people of Blair County, and

WHEREAS, the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the hazards that face the Township of Frankstown, and

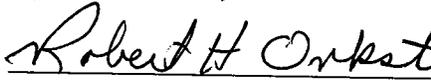
WHEREAS, a series of public meetings were held to develop and review the Blair County Hazard Vulnerability Assessment and Mitigation Plan.

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors of the Township of Frankstown that:

- The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of the Township of Frankstown.
- By September 30 of each year, the Blair County Hazard Mitigation Planning Committee shall prepare and deliver an annual evaluation report to the Chairman of the Board of Supervisors of the Township of Frankstown.
- The respective Township officials and agencies identified in the strategy of the Blair County Hazard Vulnerability Assessment and Mitigation Plan are hereby directed to implement the recommended activities assigned to them. They shall consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

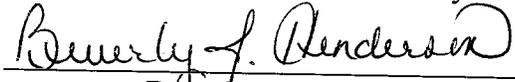
ADOPTED this the 7th day of September, 2010.


James W. Grove, Chairman


Robert H. Onkst, Vice-Chairman


George W. Henry, Jr., Supervisor

ATTESTED and FILED this 7th day of September, 2010.


Beverly J. Henderson, Secretary

RESOLUTION # 2008-01
Blair County Hazard Mitigation Plan

WHEREAS, Freedom Township, Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires, landslides that can result in property loss, loss of life, economic hardship and threats to public safety,

WHEREAS a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by the Blair County Hazard Mitigation Planning Committee and the people of the County,

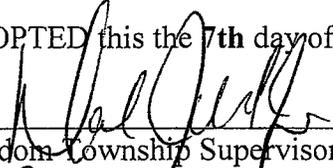
WHEREAS the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face Freedom Township and

WHEREAS a series of public meetings were held to develop and review the plan,

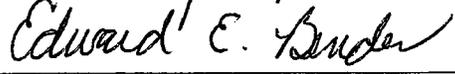
NOW THEREFORE BE IT RESOLVED by the Freedom Township Board of Supervisor's of the Township of Freedom that:

- The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of the Township of Freedom.
- By September 30 of each year, the Blair County Hazard Mitigation Planning Committee shall prepare an annual evaluation report to the Freedom Township Board of Supervisor's of the Township of Freedom.
- The respective Freedom Township Board of Supervisor's and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

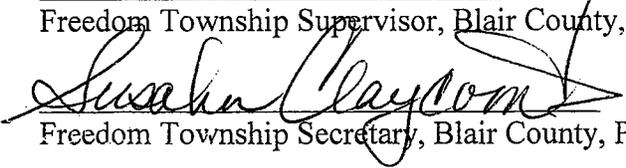
ADOPTED this the 7th day of January, 2008.



Freedom Township Supervisor, Blair County, Pennsylvania



Freedom Township Supervisor, Blair County, Pennsylvania



Freedom Township Secretary, Blair County, Pennsylvania

Copy - Blair County EMS
- Blair County Planner
- C/A Flynn
- FILE

U.S. Department of Homeland Security
Region III
One Independence Mall, Sixth Floor
615 Chestnut Street
Philadelphia, PA 19106-4404



FEMA

James W. Grove
Chairman of the Board of Supervisors
Frankstown Township
Post Office Box 1775
Hollidaysburg, Pennsylvania 16648

OCT 28 2010

Dear Mr. Grove:

Frankstown Township's adoption of the Blair County Multi-Jurisdictional Hazard Mitigation Plan dated September 7, 2010 has been received by the Federal Emergency Management Agency (FEMA). The plan is now approved with the receipt and acceptance of the formal adoption resolution. As such, the Township of Frankstown is now eligible to apply for federal disaster assistance until the Blair County Multi-Jurisdictional Hazard Mitigation Plan expires on September 30, 2013.

We reviewed the plan based on the criteria contained in 44 Code of Federal Regulations (CFR), Part 201, as authorized by the Disaster Mitigation Act of 2000 (DMA2K). These criteria address the planning process, risk assessment (including hazard identification), mitigation strategy and plan maintenance process requirements.

The Blair County Multi-Jurisdictional Hazard Mitigation Plan received a "satisfactory" rating for all required criteria. However, the DMA2K also includes a provision to encourage communities to continuously strive to improve their plans and resulting mitigation actions. Therefore, the plan must be reviewed, revised if appropriate, and resubmitted for approval within five years of the initial approval date of September 30, 2008 in order to continue to be eligible for federal disaster assistance.

We encourage you to participate in the expansion and documentation of the plan's assessment and analysis of mitigation measures. We also encourage you to follow the schedule for regular evaluation, updating, and monitoring, and have enclosed a list of specific recommendations for improving the plan.

If you have questions, please contact Thomas S. Hughes, Pennsylvania State Hazard Mitigation Officer, at (717) 651-2726.

I commend you for your dedication demonstrated in preparing and adopting a strategy to reduce future disaster losses.

Sincerely,

Eugene Gruber
Mitigation Division Director

Enclosure

cc: Thomas S. Hughes, Pennsylvania State Hazard Mitigation Officer

**Recommendations for Improvements
Local Hazard Mitigation Plan
Pennsylvania – Region III**

**Blair County, Pennsylvania
Blair County Hazard Mitigation Plan
For the Township of Frankstown**

1. A narrative describing continued compliance with the NFIP needs to be included when the plan is updated next.
2. Identification of “Repetitive Loss Properties” needs to be included in the updated plan.
3. Types, numbers, and values of existing and future buildings (residential and commercial), infrastructure, and critical facilities in the identified hazard areas needs to be included when the plan is next updated.
4. Estimate of potential dollar losses to vulnerable structures and contents in identified hazard areas needs to be included when the plan is next updated.
5. Expand the vulnerability description that provides a description of land uses and development trends within the community, allowing for mitigation to be considered in future land use decisions
6. Additional information concerning public participation such as public meetings, workshops, and educational programs.
7. Encourage additional municipalities to adopt the Blair County Hazard Mitigation Plan. Approach, and invite, Municipalities who are not part of the National Flood Insurance Program (NFIP) and the Community Rating System (CRS) to participate Expand the Hazard Mitigation Planning Team to include additional county, agency and non-profit staff, as well as municipal residents.

**FREEDOM TOWNSHIP BOARD OF SUPERVISORS
FREEDOM TOWNSHIP MUNICIPAL BUILDING
PO BOX 156
EAST FREEDOM, PA 16637
2008**

SECRETARY SUSAHN CLAYCOMB

ASST. SECRETARY KIMBERLY BENDER

SUPERVISORS

EDWARD E BENDER
ROADMASTER
TERM EXPIRES 2010

MAUREEN HAMOR
VICE CHAIRMAN
TERM EXPIRES 2014

DANIEL J. GIARTH JR. (BUTCH)
CHAIRMAN
TERM EXPIRES 2012

SOLICITOR

EVEY, BLACK LAW OFFICES
401-03 ALLEGHENY STREET
HOLLIDAYSBURG, PA 16648
PHONE NUMBER (814) 695-7581

ENGINEER

STIFFLER, MCGRAW AND ASSOCIATES
STEVE MCGRAW
PO BOX 462
HOLLIDAYSBURG, PA 16648
PHONE NUMBER (814) 696-6280

Attachment 1

I have reviewed the Blair County Hazard Mitigation Plan, and my comments are attached.

I have reviewed the Blair County Hazard Mitigation Plan, and have no comments.

EDWARD E. BENDER

Name

Edward E. Bender

Signature

1-9-08

Date

FREEDOM TOWNSHIP

Name of city, borough, or township

MITIGATION PROJECT FOR OUR JURISDICTION

Type of hazard (flooding or other type) Flood

Address(es) of mitigation project: _____

Is the property within the 100 yr flood plain? _____

Does the property have flood insurance? _____

Brief description of project (such as property acquisition, building elevation) _____

Update Flood Insurance Rate Maps (FIRMs) for township

Estimated cost: _____

RESOLUTION 08- 01

WHEREAS Greenfield Township, Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires, landslides that can result in property loss, loss of life, economic hardship and threats to public health and safety,

WHEREAS a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by Blair County Hazard Mitigation Planning Committee and the people of the County,

WHEREAS the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face Greenfield Township, and

WHEREAS a series of public meetings were held to develop and review the plan,

NOW THEREFORE BE IT RESOLVED by the Board of Supervisors of the Township of Greenfield that:

- The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of Greenfield Township.
- By September 30 each year, the Blair County Hazard Mitigation Planning Committee shall prepare an annual evaluation report to the Board of Supervisors of the Township of Greenfield.
- The respective Township officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Vulnerability Mitigation Planning Committee on the progress of their activities.

ADOPTED this the 7th day of January 2008.



Chairman, Greenfield Township Board of Supervisors, Blair County, Pennsylvania



ATTESTED and FILED this the 7th day of January 2008.

Attachment 1

I have reviewed the Blair County Hazard Mitigation Plan, and my comments are attached.

I have reviewed the Blair County Hazard Mitigation Plan, and have no comments.

Nancy L. Hileman
Name

Nancy L. Hileman
Signature

2-12-08
Date

Greenfield Township
Name of city, borough, or township

MITIGATION PROJECT FOR OUR JURISDICTION

Type of hazard (flooding or other type) Flooding

Address(es) of mitigation project: SR 3013 north of Oakdale Road

Is the property within the 100 yr flood plain? yes

Does the property have flood insurance? no

Brief description of project (such as property acquisition, building elevation) _____

Property acquisition and removal of existing residential structure.

Estimated cost: \$ 90,000⁰⁰

RESOLUTION NO. 2010-46**BLAIR COUNTY HAZARD MITIGATION PLAN**

WHEREAS, the Borough of Hollidaysburg, Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires and landslides that can result in property loss, loss of life, economic hardship and threats to public health and safety; and

WHEREAS, a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by the Blair County Hazard Mitigation Planning Committee and the people of Blair County; and

WHEREAS, the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face the Borough of Hollidaysburg.

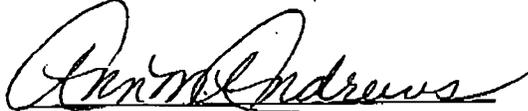
NOW, THEREFORE, BE IT RESOLVED by the Council of the Borough of Hollidaysburg that:

- The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of the Borough of Hollidaysburg.
- By September 30 each year, the Blair County Hazard Mitigation Planning Committee shall prepare and deliver an annual evaluation report to the President of the Council of the Borough of Hollidaysburg.
- The respective Borough officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

DULY adopted by the Council of the Borough of Hollidaysburg this 9th day of September, 2010.


John E. Stultz, Jr., President

ATTEST:


Ann M. Andrews, Secretary



FEMA 22 NOV 10

COPY - BLAIR CO
- FEMA
- FENG

NOV 19 2010 FEMA C/A

ELECTRONIC FILE
HARD COPY FILE

John P. Stultz, Jr.
Hollidaysburg Borough Council, President
401 Blair Street
Hollidaysburg, Pennsylvania 16648

Dear Mr. Stultz:

Hollidaysburg Borough's adoption of the Blair County Multi-Jurisdictional Hazard Mitigation Plan dated September 9, 2010 has been received by the Federal Emergency Management Agency (FEMA). The plan is now approved with the receipt and acceptance of the formal adoption resolution. As such, the Borough of Hollidaysburg is now eligible to apply for federal disaster assistance until the Blair County Multi-Jurisdictional Hazard Mitigation Plan expires on September 30, 2013.

We reviewed the plan based on the criteria contained in 44 Code of Federal Regulations (CFR), Part 201, as authorized by the Disaster Mitigation Act of 2000 (DMA2K). These criteria address the planning process, risk assessment (including hazard identification), mitigation strategy and plan maintenance process requirements.

The Blair County Multi-Jurisdictional Hazard Mitigation Plan received a "satisfactory" rating for all required criteria. However, the DMA2K also includes a provision to encourage communities to continuously strive to improve their plans and resulting mitigation actions. Therefore, the plan must be reviewed, revised if appropriate, and resubmitted for approval within five years of the initial approval date of September 30, 2008 in order to continue to be eligible for federal disaster assistance.

We encourage you to participate in the expansion and documentation of the plan's assessment and analysis of mitigation measures. We also encourage you to follow the schedule for regular evaluation, updating, and monitoring, and have enclosed a list of specific recommendations for improving the plan.

If you have questions, please contact Thomas S. Hughes, Pennsylvania State Hazard Mitigation Officer, at (717) 651-2726.

I commend you for your dedication demonstrated in preparing and adopting a strategy to reduce future disaster losses.

Sincerely,

Eugene Gruber
Mitigation Division Director

Enclosure

cc: Thomas S. Hughes, Pennsylvania State Hazard Mitigation Officer

**Recommendations for Improvements
Local Hazard Mitigation Plan
Pennsylvania – Region III**

Blair County, Pennsylvania
Blair County Hazard Mitigation Plan
For the Borough of Hollidaysburg

1. A narrative describing continued compliance with the NFIP needs to be included when the plan is updated next.
2. Identification of “Repetitive Loss Properties” needs to be included in the updated plan.
3. Types, numbers, and values of existing and future buildings (residential and commercial), infrastructure, and critical facilities in the identified hazard areas needs to be included when the plan is next updated.
4. Estimate of potential dollar losses to vulnerable structures and contents in identified hazard areas needs to be included when the plan is next updated.
5. Expand the vulnerability description that provides a description of land uses and development trends within the community, allowing for mitigation to be considered in future land use decisions
6. Additional information concerning public participation such as public meetings, workshops, and educational programs.
7. Encourage additional municipalities to adopt the Blair County Hazard Mitigation Plan. Approach, and invite, Municipalities who are not part of the National Flood Insurance Program (NFIP) and the Community Rating System (CRS) to participate. Expand the Hazard Mitigation Planning Team to include additional county, agency and non-profit staff, as well as municipal residents.

RESOLUTION # 2010-03
BLAIR COUNTY HAZARD MITIGATION PLAN

WHEREAS, the Borough/Township of Houston, Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires, and landslides that can result in property loss, loss of life, economic hardship and threats to public health and safety.

WHEREAS, a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by the Blair County Hazard Mitigation Planning Committee and the people of Blair County.

WHEREAS, the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face the Borough/Township of Houston, and

WHEREAS, a series of public meetings were held to develop and review the plan.

NOW, THEREFORE, BE IT RESOLVED by the Houston Borough Council/Township Board of Supervisors that:

- The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of the Borough/Township of Houston.
- By September 30 each year, the Blair County Hazard Mitigation Planning Committee shall prepare and deliver an annual evaluation report to the President/Chairperson of Council/Board of Supervisors of the Borough/Township of Houston.
- The Respective Borough/Township officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

ADOPTED this the 2nd day of September, 2010.

Gus A. Buehler
President/Chairperson

APPROVED this the 2nd day of September, 2010.

Gus A. Buehler
President/Chairperson

ATTESTED AND FILED this 2nd day of September, 2010

Dorothy B. Stahl
Borough/Township Secretary

RESOLUTION NUMBER 2011-~~2~~2

HAZARD MITIGATION PLAN

Whereas, Juniata Township, Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires, landslides that can result in property loss, loss of life, economic hardship and threats to public health and safety,

WHEREAS a Blair County Vulnerability Assessment and Mitigation Plan has been developed by Blair County Hazard Mitigation Planning Committee and the people of the County,

WHEREAS the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by natural hazards that face Juniata Township, and,

WHEREAS a series of public meetings were held to develop and review the plan,

NOW THEREFORE BE IT RESOLVED by the Chairman of the Supervisors of Juniata Township that:

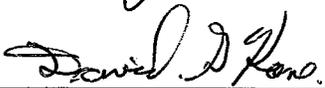
- The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of Juniata Township.
- By September 30th each year, the Blair County Hazard Mitigation Planning Committee shall prepare an annual evaluation report to the Chairman of the Supervisors of Juniata Township.
- The respective Juniata Township officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

ADOPTED: 1-3-2011
DATE


CHAIRMAN

ATTEST:


SUPERVISOR


SUPERVISOR


SECRETARY-TREASURER

1-3-2011
DATE

ATTACHMENT 1

I have reviewed the Blair County Hazard Mitigation Plan, and my comments are attached
 I have reviewed the Blair County Hazard Mitigation Plan, and have no comments

DAVID M. RIMBECK
NAME

David M Rimbeck
SIGNATURE

1-3-2011
DATE

JUNIATA
TOWNSHIP

MITIGATION PROJECTS FOR OUR JURISDICTION

Type of hazard (flooding or other type): PAMPHLETS (Education-Mitigation)

Address(es) of mitigation project: _____

Is the property within the 100 year flood plane? _____

Does the property have flood insurance? _____

Brief description of the project (such as property acquisition, building elevation) _____

Update Flood Insurance Rate Maps (FIRMs) for jurisdiction _____

Estimated cost: _____

Juniata Township
901 Poplar Run Road
Duncansville, PA 16635

January 17, 2011

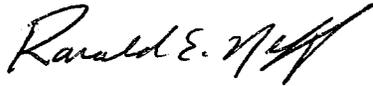
Mr. Dan Boyles, Director
County of Blair
Department of Emergency Services
615 Fourth Street
Altoona, PA 16602

Dear Mr. Boyles:

Attached please find a copy of our Resolution No. 2011-2 adopting the Blair County Hazard Mitigation Plan.

Should you have any questions or need additional information, please contact me at the address above or by phone at (814)695-5335 or fax at (814)693-0620.

Sincerely,



Ronald E. Neff, Secretary-Treasurer

RESOLUTION NO. 01-24-08B

**ADOPTION OF BLAIR COUNTY HAZARD VULNERABILITY
ASSESSMENT AND MITIGATION PLAN**

WHEREAS, the Township of Logan, Blair County, Pennsylvania is vulnerable to natural hazards such as flooding, wind and weather hazards, drought, earthquakes, wildfires, landslides that can result in loss of life, loss of property, economic hardship and or threats to public to the public health, safety and welfare as a whole; and

WHEREAS, the Blair County Hazard Mitigation Planning Committee has developed a "Blair County Hazard Vulnerability Assessment and Mitigation Plan (hereinafter "Hazard Plan"); and

WHEREAS, a series of public meetings were held to develop and review the Hazard Plan, however, no representatives of the Township of Logan were asked to participate in said meetings; and

WHEREAS, the Hazard Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face the Township of Logan; and

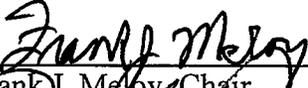
WHEREAS, the Board of Supervisors of the Township of Logan believes that it is appropriate and prudent to adopt the Hazard Plan as prepared.

NOW, THEREFORE, BE IT RESOLVED, and the same is hereby resolved by the Board of Supervisors of the Township of Logan, that:

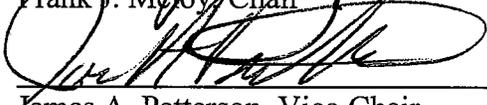
1. The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of the Township of Logan.
2. The Blair County Hazard Mitigation Planning Committee shall prepare, by September 30 of each year, an annual evaluation report and submit the same to the Board of Supervisors of the Township of Logan.
3. The respective Township of Logan officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. Said officials and agencies will consult, at least semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

This Resolution made and adopted this 24th day of January, 2008.

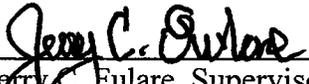
LOGAN TOWNSHIP BOARD OF SUPERVISORS



Frank J. Meloy, Chair



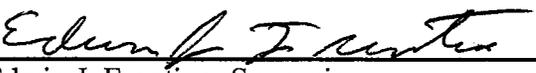
James A. Patterson, Vice Chair



Jerry C. Fulare, Supervisor

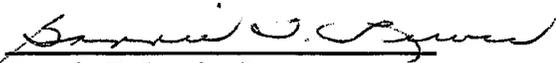


Joseph T. Metzgar, Supervisor



Edwin J. Frontino, Supervisor

ATTEST:



Bonnie T. Lewis, Secretary



LOGAN TOWNSHIP / BOARD OF SUPERVISORS

800 39TH STREET, ALTOONA PA 16602-1799

PHONE 814-944-5349 FAX 814-949-3352 TDD 814-949-3366

RECEIVED

JAN 25 2008

January 25, 2008

County of Blair
Gary Dennis, Director
615 Fourth Street
Altoona, PA 16602

Dear Gary:

During the regularly scheduled meeting of the Board of Supervisors of Logan Township held January 24, 2008, the Board acted to accept the Blair County Hazard Mitigation Plan.

Please find enclosed both an original copy of Logan Township Resolution No. 01-24-08B Adoption of Blair County Hazard Vulnerability Assessment and Mitigation Plan and a completed Attachment 1.

Should you have any questions in this regard, please contact this office.

Sincerely,

Bonnie T. Lewis
Manager

BTL/las
Enclosures

RECEIVED
FEB 19 2008

Attachment 1

I have reviewed the Blair County Hazard Mitigation Plan, and my comments are attached.

I have reviewed the Blair County Hazard Mitigation Plan, and have no comments.

Frank J. Meloy
Name

Frank J. Meloy
Signature

1-24-08
Date

Logan Township
Name of city, borough, or township

MITIGATION PROJECT FOR OUR JURISDICTION

Type of hazard (flooding or other type) Flooding

Address(es) of mitigation project: Logan Boulevard/Lakemont

Is the property within the 100 yr flood plain? No

Does the property have flood insurance? ---

Brief description of project (such as property acquisition, building elevation) _____

Please see attached description

Estimated cost: \$1,000,000.00

LOGAN TOWNSHIP MITIGATION PROJECT

Over the years the Township has had a problem with the flooding of Logan Boulevard (State Route 36) in the area of the Lakemont Waterworks car wash in Lakemont. Many times during heavy rains, the Police Department must close the road to protect the safety of the traveling public. In addition, homes to the north of the road get water in their basements. The flooding occurs due to the pipe under the roadway. Either the pipe becomes clogged from upstream sedimentation or there is too much water for the pipe to handle and it overtops. At first glance, it seems that replacing the pipe with a correctly sized pipe would be the answer, but after some study, it was determined that replacing the pipe with a larger one, would severely impact downstream properties. The study, which was commissioned by PennDOT determined that the best resolution of the flooding issue would be to construct two stormwater detention ponds upstream to hold the water and release it at a rate that the pipe under the road can handle. This type of project would be quite involved and would require the cooperation of PennDOT, the Township, and DEP. Property acquisition, design and construction would be the major components, at a cost of approximately \$1,000,000.00. However, when complete, this project would go a long way towards protecting the safety of the traveling public during heavy rain storms.

REC- 80

Borough of Martinsburg

INCORPORATED 1936

JAN 31 2008

P. O. Box 307
133 E. Allegheny St.
Martinsburg, PA 16662

Telephone (814) 793-3213
Fax (814) 793-4829

**Blair County Hazard Mitigation Plan
Resolution No. 080107-01**

WHEREAS, the Borough of Martinsburg, Blair County, is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquake, wildfires, landslides that can result in property loss, loss of life, economic hardship and threats to public health and safety,

WHEREAS, a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by Blair County Hazard Mitigation Planning Committee and the people of the County,

WHEREAS, the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face the Borough of Martinsburg, and

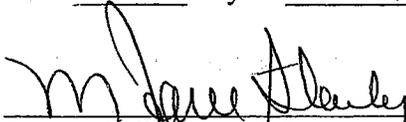
WHEREAS, a series of public meetings were held to develop and review the plan,

NOW THEREFORE BE IT RESOLVED by the President of Council of the Borough of Martinsburg that:

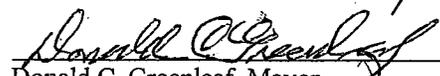
- o The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of the Borough of Martinsburg.
- o By September 30 each year, the Blair County Hazard Mitigation Planning Committee shall prepare an annual evaluation report to the President of Council of the Borough of Martinsburg.
- o The respective borough officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

Adopted this 7th day of January, 2008, by the Borough of Martinsburg

Attest:


M. Jane Staily, Borough Secretary


President


Donald C. Greenleaf, Mayor

Attachment 1

 I have reviewed the Blair County Hazard Mitigation Plan, and my comments are attached.

 X I have reviewed the Blair County Hazard Mitigation Plan, and have no comments.

RANDY K STOLTZ
Name

Randy K Stoltz
Signature

1-29-08
Date

MARTINSBURG BOROUGH
Name of city, borough, or township

MITIGATION PROJECT FOR OUR JURISDICTION

Type of hazard (flooding or other type) FLOODING

Address(es) of mitigation project: 210 W. ALLEGHENY ST.

300 W. ALLEGHENY ST
Is the property within the 100 yr flood plain? YES

Does the property have flood insurance? NO

Brief description of project (such as property acquisition, building elevation) THESE TWO HOUSES HAVE EXPERIENCED FLOODING SEVERAL TIMES IN THE PAST 15 YRS. I WOULD LIKE TO ACQUIRE THE PROPERTY AND DEMOLISH TO FORM GREEN SPACE.

ALSO UPDATE FLOOD INSURANCE RATE MAPS

Estimated cost: \$ 250,000.00

RESOLUTION # 4-2010

BLAIR COUNTY HAZARD MITIGATION PLAN

WHEREAS, the **Borough/Township** of Newry, Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires, and landslides that can result in property loss, loss of life, economic hardship and threats to public health and safety.

WHEREAS, a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by the Blair County Hazard Mitigation Planning Committee and the people of Blair County.

WHEREAS, the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face the **Borough/Township** of Newry, and

WHEREAS, a series of public meetings were held to develop and review the plan.

NOW, THEREFORE, BE IT RESOLVED by the Newry **Borough Council/Township Board of Supervisors** that:

- The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of the **Borough/Township** of Newry.
- By September 30 each year, the Blair County Hazard Mitigation Planning Committee shall prepare and deliver an annual evaluation report to the **President/Chairperson of Council/Board of Supervisors** of the **Borough/Township** of Newry.
- The Respective Borough/Township officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

ADOPTED this the 8th day of September, 2010.

[Signature]

President/Chairperson

APPROVED this the 8th day of September, 2010.

[Signature]

President/Chairperson

ATTESTED AND FILED this 8th day of September, 2010

[Signature]

Borough/Township Secretary



FEMA

The Honorable Frederick Reynolds
Mayor
Newry Borough
Post Office Box 139
Newry, Pennsylvania 16665

NOV 19 2010

22 NOV 10
copy Blair County
Blair County PLNG
~~DMA C/A Flynn~~
ELECTRONIC FILE
HARD COPY FILE

Dear Mayor Reynolds:

Newry Borough's adoption of the Blair County Multi-Jurisdictional Hazard Mitigation Plan dated September 8, 2010 has been received by the Federal Emergency Management Agency (FEMA). The plan is now approved with the receipt and acceptance of the formal adoption resolution. As such, the Borough of Newry is now eligible to apply for federal disaster assistance until the Blair County Multi-Jurisdictional Hazard Mitigation Plan expires on September 30, 2013.

We reviewed the plan based on the criteria contained in 44 Code of Federal Regulations (CFR), Part 201, as authorized by the Disaster Mitigation Act of 2000 (DMA2K). These criteria address the planning process, risk assessment (including hazard identification), mitigation strategy and plan maintenance process requirements.

The Blair County Multi-Jurisdictional Hazard Mitigation Plan received a "satisfactory" rating for all required criteria. However, the DMA2K also includes a provision to encourage communities to continuously strive to improve their plans and resulting mitigation actions. Therefore, the plan must be reviewed, revised if appropriate, and resubmitted for approval within five years of the initial approval date of September 30, 2008 in order to continue to be eligible for federal disaster assistance.

We encourage you to participate in the expansion and documentation of the plan's assessment and analysis of mitigation measures. We also encourage you to follow the schedule for regular evaluation, updating, and monitoring, and have enclosed a list of specific recommendations for improving the plan.

If you have questions, please contact Thomas S. Hughes, Pennsylvania State Hazard Mitigation Officer, at (717) 651-2726.

I commend you for your dedication demonstrated in preparing and adopting a strategy to reduce future disaster losses.

Sincerely,

Eugene Gruber
Mitigation Division Director

Enclosure

cc: Thomas S. Hughes, Pennsylvania State Hazard Mitigation Officer

**Recommendations for Improvements
Local Hazard Mitigation Plan
Pennsylvania – Region III**

Blair County, Pennsylvania
Blair County Hazard Mitigation Plan
For the Borough of Newry

1. A narrative describing continued compliance with the NFIP needs to be included when the plan is updated next.
2. Identification of “Repetitive Loss Properties” needs to be included in the updated plan.
3. Types, numbers, and values of existing and future buildings (residential and commercial), infrastructure, and critical facilities in the identified hazard areas needs to be included when the plan is next updated.
4. Estimate of potential dollar losses to vulnerable structures and contents in identified hazard areas needs to be included when the plan is next updated.
5. Expand the vulnerability description that provides a description of land uses and development trends within the community, allowing for mitigation to be considered in future land use decisions
6. Additional information concerning public participation such as public meetings, workshops, and educational programs.
7. Encourage additional municipalities to adopt the Blair County Hazard Mitigation Plan. Approach, and invite, Municipalities who are not part of the National Flood Insurance Program (NFIP) and the Community Rating System (CRS) to participate Expand the Hazard Mitigation Planning Team to include additional county, agency and non-profit staff, as well as municipal residents.

RESOLUTION NO. 01-07-08A

WHEREAS, North Woodbury Township, Blair County, Pennsylvania, is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires, landslides that can result in property loss, loss of life, economic hardship and threats to public health and safety; and

WHEREAS, a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by Blair County Hazard Mitigation Planning Committee and the people of the County; and

WHEREAS, the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face North Woodbury Township; and

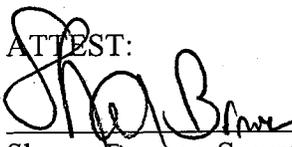
WHEREAS, a series of public meetings were held to develop and review the plan.

NOW, THEREFORE, BE IT RESOLVED AND IT IS HEREBY RESOLVED by the Board of Supervisors of North Woodbury Township that:

- The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of North Woodbury Township.
- By September 30 each year, the Blair County Hazard Mitigation Planning Committee shall prepare an annual evaluation report to the Board of Supervisors of North Woodbury Township.
- The respective Township officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

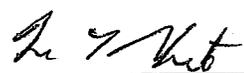
This Resolution made and adopted this 7th day of January 2008.

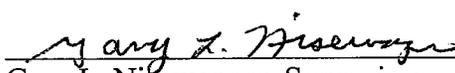
ATTEST:


Sharon Brower, Secretary

NORTH WOODBURY TOWNSHIP

By 
Randall B. Huntsman, Chair


Terry L. Heeter, Vice-chair

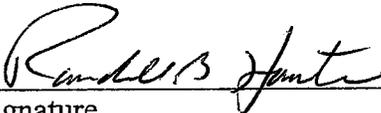

Gary L. Nisewonger, Supervisor

Attachment 1

I have reviewed the Blair County Hazard Mitigation Plan, and my comments are attached.

I have reviewed the Blair County Hazard Mitigation Plan, and have no comments.

Randall B. Huntsman
Name


Signature

1/7/08
Date

Woodbury Twp.
Name of city, borough, or township

MITIGATION PROJECT FOR OUR JURISDICTION

Type of hazard (flooding or other type) Flood

Address(es) of mitigation project: _____

Is the property within the 100 yr flood plain? _____

Does the property have flood insurance? _____

Brief description of project (such as property acquisition, building elevation) _____

Update Flood Insurance Rate Maps (FIRMs) for twp.

Estimated cost: _____

RESOLUTION # 2010-002

BLAIR COUNTY HAZARD MITIGATION PLAN

WHEREAS, the *Borough/Township* of ROARING SPRING, Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires, and landslides that can result in property loss, loss of life, economic hardship and threats to public health and safety.

WHEREAS, a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by the Blair County Hazard Mitigation Planning Committee and the people of Blair County.

WHEREAS, the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face the *Borough/Township* of ROARING SPRING, and

WHEREAS, a series of public meetings were held to develop and review the plan.

NOW, THEREFORE, BE IT RESOLVED by the ROARING SPRING *Borough Council/Township Board of Supervisors* that:

- The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of the ~~Borough/Township~~ of ROARING SPRING.
- By September 30 each year, the Blair County Hazard Mitigation Planning Committee shall prepare and deliver an annual evaluation report to the ~~President/Chairperson of Council/Board of Supervisors~~ of the ~~Borough/Township~~ of ROARING SPRING
- The Respective Borough/Township officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

ADOPTED this the 9 day of August, 2010.

Allen E. Boyer
President/Chairperson

APPROVED this the _____ day of _____, 2010.

President/Chairperson

ATTESTED AND FILED this 9 day of August, 2010

Lisa A. Yates
Borough/Township Secretary



FEMA

ZZNOV10
COPY BLAIR CO FEMA
BLAIR CO PNG

NOV 19 2010

PERMA C/A

PERMANENT
HARD COPY FILES

William Brumbaugh
Roaring Spring Borough Council, President
616 Spang Street
Roaring Spring, Pennsylvania 16673

Dear Mr. Brumbaugh:

Roaring Spring Borough's adoption of the Blair County Multi-Jurisdictional Hazard Mitigation Plan dated August 9, 2010 has been received by the Federal Emergency Management Agency (FEMA). The plan is now approved with the receipt and acceptance of the formal adoption resolution. As such, the Borough of Roaring Spring is now eligible to apply for federal disaster assistance until the Blair County Multi-Jurisdictional Hazard Mitigation Plan expires on September 30, 2013.

We reviewed the plan based on the criteria contained in 44 Code of Federal Regulations (CFR), Part 201, as authorized by the Disaster Mitigation Act of 2000 (DMA2K). These criteria address the planning process, risk assessment (including hazard identification), mitigation strategy and plan maintenance process requirements.

The Blair County Multi-Jurisdictional Hazard Mitigation Plan received a "satisfactory" rating for all required criteria. However, the DMA2K also includes a provision to encourage communities to continuously strive to improve their plans and resulting mitigation actions. Therefore, the plan must be reviewed, revised if appropriate, and resubmitted for approval within five years of the initial approval date of September 30, 2008 in order to continue to be eligible for federal disaster assistance.

We encourage you to participate in the expansion and documentation of the plan's assessment and analysis of mitigation measures. We also encourage you to follow the schedule for regular evaluation, updating, and monitoring, and have enclosed a list of specific recommendations for improving the plan.

If you have questions, please contact Thomas S. Hughes, Pennsylvania State Hazard Mitigation Officer, at (717) 651-2726.

I commend you for your dedication demonstrated in preparing and adopting a strategy to reduce future disaster losses.

Sincerely,


Eugene Gruber
Mitigation Division Director

Enclosure

cc: Thomas S. Hughes, Pennsylvania State Hazard Mitigation Officer

**Recommendations for Improvements
Local Hazard Mitigation Plan
Pennsylvania – Region III**

**Blair County, Pennsylvania
Blair County Hazard Mitigation Plan
For the Borough of Roaring Spring**

1. A narrative describing continued compliance with the NFIP needs to be included when the plan is updated next.
2. Identification of “Repetitive Loss Properties” needs to be included in the updated plan.
3. Types, numbers, and values of existing and future buildings (residential and commercial), infrastructure, and critical facilities in the identified hazard areas needs to be included when the plan is next updated.
4. Estimate of potential dollar losses to vulnerable structures and contents in identified hazard areas needs to be included when the plan is next updated.
5. Expand the vulnerability description that provides a description of land uses and development trends within the community, allowing for mitigation to be considered in future land use decisions
6. Additional information concerning public participation such as public meetings, workshops, and educational programs.
7. Encourage additional municipalities to adopt the Blair County Hazard Mitigation Plan. Approach, and invite, Municipalities who are not part of the National Flood Insurance Program (NFIP) and the Community Rating System (CRS) to participate. Expand the Hazard Mitigation Planning Team to include additional county, agency and non-profit staff, as well as municipal residents.

RESOLUTION NO. 2010-7
BLAIR COUNTY HAZARD MITIGATION PLAN

WHEREAS, the Township of Snyder, Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires and landslides that can result I property loss, loss of life, economic hardship and threats to public health and safety; and

WHEREAS, a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by the Blair County Hazard Mitigation Planning Committee and the people of Blair County; and

WHEREAS, the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face the Township of Snyder; and

WHEREAS, a series of public meetings were held to develop and review the plan;

NOW, THEREFORE, BE IT RESOLVED, by the Snyder Township Board of Supervisors that:

The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of the Township of Snyder.

By September 30th each year, the Blair County Hazard Mitigation Planning Committee shall prepare and deliver an annual evaluation report to the Chairman of the Board of Supervisors of the Township of Snyder.

The Respective Township officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

ADOPTED by the Snyder Township Board of Supervisors, County of Blair, the Commonwealth of Pennsylvania, this Seventh Day of September, 2010.

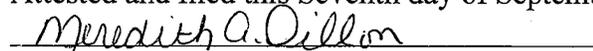


Charles A. Diehl, Chairman



Robert W. Nelson, Vice-Chairman

Attested and filed this Seventh day of September, 2010


Meredith A. Dillon – Secretary



FEMA

Charles A. Diehl
Chairman of the Board of Supervisors
Snyder Township
Road 3, Box 119
Tyrone, Pennsylvania 16686

Dear Mr. Diehl:

Snyder Township's adoption of the Blair County Multi-Jurisdictional Hazard Mitigation Plan dated April 7, 2010 has been received by the Federal Emergency Management Agency (FEMA). The plan is now approved with the receipt and acceptance of the formal adoption resolution. As such, the Township of Snyder is now eligible to apply for federal disaster assistance until the Blair County Multi-Jurisdictional Hazard Mitigation Plan expires on September 30, 2013.

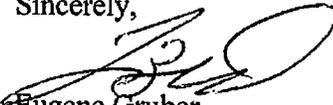
We reviewed the plan based on the criteria contained in 44 Code of Federal Regulations (CFR), Part 201, as authorized by the Disaster Mitigation Act of 2000 (DMA2K). These criteria address the planning process, risk assessment (including hazard identification), mitigation strategy and plan maintenance process requirements.

The Blair County Multi-Jurisdictional Hazard Mitigation Plan received a "satisfactory" rating for all required criteria. However, the DMA2K also includes a provision to encourage communities to continuously strive to improve their plans and resulting mitigation actions. Therefore, the plan must be reviewed, revised if appropriate, and resubmitted for approval within five years of the initial approval date of September 30, 2008 in order to continue to be eligible for federal disaster assistance.

We encourage you to participate in the expansion and documentation of the plan's assessment and analysis of mitigation measures. We also encourage you to follow the schedule for regular evaluation, updating, and monitoring, and have enclosed a list of specific recommendations for improving the plan.

If you have questions, please contact Thomas S. Hughes, Pennsylvania State Hazard Mitigation Officer, at (717) 651-2726.

I commend you for your dedication demonstrated in preparing and adopting a strategy to reduce future disaster losses.

Sincerely,

Eugene Gruber
Mitigation Division Director

Enclosure

cc: Thomas S. Hughes, Pennsylvania State Hazard Mitigation Officer

22 NOV 10
NOV 19 2010 Blair
Copy - ~~1~~ CO
PMM + PLNG
PMM C/A - PLNG
ELECTRONIC
HAND COPY FILE

**Recommendations for Improvements
Local Hazard Mitigation Plan
Pennsylvania – Region III**

Blair County, Pennsylvania
Blair County Hazard Mitigation Plan
For the Township of Snyder

1. A narrative describing continued compliance with the NFIP needs to be included when the plan is updated next.
2. Identification of “Repetitive Loss Properties” needs to be included in the updated plan.
3. Types, numbers, and values of existing and future buildings (residential and commercial), infrastructure, and critical facilities in the identified hazard areas needs to be included when the plan is next updated.
4. Estimate of potential dollar losses to vulnerable structures and contents in identified hazard areas needs to be included when the plan is next updated.
5. Expand the vulnerability description that provides a description of land uses and development trends within the community, allowing for mitigation to be considered in future land use decisions
6. Additional information concerning public participation such as public meetings, workshops, and educational programs.
7. Encourage additional municipalities to adopt the Blair County Hazard Mitigation Plan. Approach, and invite, Municipalities who are not part of the National Flood Insurance Program (NFIP) and the Community Rating System (CRS) to participate. Expand the Hazard Mitigation Planning Team to include additional county, agency and non-profit staff, as well as municipal residents.

RESOLUTION # 040708

WHEREAS Taylor Township, Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires, landslides that can result in property loss, loss of life, economic hardship and threats to public health and safety,

WHEREAS a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by Blair County Hazard Mitigation Planning Committee and the people of the County,

WHEREAS, the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face Taylor Township, and

WHEREAS a series of public meeting were held to develop and review the plan,

NOW THEREFORE BE IT RESOLVED by the Board of Supervisors of Taylor Township that:

- The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of Taylor Township.
- By September 30 each year, the Blair County Hazard Mitigation Planning Committee shall prepare an annual evaluation report to the Board of Supervisors of Taylor Township.
- The respective Taylor Township officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

APPROVED THIS 7th day of April, 2008

The Board Of Supervisors of Taylor Township, Blair County, Pennsylvania

ATTEST:

Barbara M. Greenleaf
Barbara M. Greenleaf, Sec.

Charles A. Smith
Charles A. Smith, Chr.

Harold W. Guyer, Jr.
Harold W. Guyer, V-Chr.

Paul D. Closson
Paul D. Closson, Spvr.

Copy - Blair County FEMA
Blair Planning
CIA Flynn
FILE

U.S. Department of Homeland Security
Region III
One Independence Mall, Sixth Floor
615 Chestnut Street
Philadelphia, PA 19106-4404



FEMA

Charles Smith
Chairman of the Board of Supervisors
Taylor Township
7217 Woodbury Pike
Roaring Spring, Pennsylvania 16673

OCT 28 2010

Dear Mr. Smith:

Taylor Township's adoption of the Blair County Multi-Jurisdictional Hazard Mitigation Plan dated April 7, 2010 has been received by the Federal Emergency Management Agency (FEMA). The plan is now approved with the receipt and acceptance of the formal adoption resolution. As such, the Township of Taylor is now eligible to apply for federal disaster assistance until the Blair County Multi-Jurisdictional Hazard Mitigation Plan expires on September 30, 2013.

We reviewed the plan based on the criteria contained in 44 Code of Federal Regulations (CFR), Part 201, as authorized by the Disaster Mitigation Act of 2000 (DMA2K). These criteria address the planning process, risk assessment (including hazard identification), mitigation strategy and plan maintenance process requirements.

The Blair County Multi-Jurisdictional Hazard Mitigation Plan received a "satisfactory" rating for all required criteria. However, the DMA2K also includes a provision to encourage communities to continuously strive to improve their plans and resulting mitigation actions. Therefore, the plan must be reviewed, revised if appropriate, and resubmitted for approval within five years of the initial approval date of September 30, 2008 in order to continue to be eligible for federal disaster assistance.

We encourage you to participate in the expansion and documentation of the plan's assessment and analysis of mitigation measures. We also encourage you to follow the schedule for regular evaluation, updating, and monitoring, and have enclosed a list of specific recommendations for improving the plan.

If you have questions, please contact Thomas S. Hughes, Pennsylvania State Hazard Mitigation Officer, at (717) 651-2726.

I commend you for your dedication demonstrated in preparing and adopting a strategy to reduce future disaster losses.

Sincerely,

Eugene Gruber
Mitigation Division Director

Enclosure

cc: Thomas S. Hughes, Pennsylvania State Hazard Mitigation Officer

**Recommendations for Improvements
Local Hazard Mitigation Plan
Pennsylvania – Region III**

Blair County, Pennsylvania
Blair County Hazard Mitigation Plan
For the Township of Taylor

Future Plan updates **MUST** include the following:

1. Narrative describing continued compliance with the NFIP
2. Identification of “Repetitive Loss Properties”

Future Plan updates **SHOULD** include the following:

1. Types, numbers, and values of existing and future buildings (residential and commercial), infrastructure, and critical facilities in the identified hazard areas
2. Estimate of potential dollar losses to vulnerable structures and contents in identified hazard areas.
3. Expanded vulnerability description that provides a description of land uses and development trends within the community, allowing for mitigation to be considered in future land use decisions
4. Additional information concerning public participation such as public meetings, workshops, and educational programs

Also continue to:

1. Encourage additional municipalities to adopt the Blair County Hazard Mitigation Plan
2. Approach, and invite, Municipalities who are not part of the National Flood Insurance Program (NFIP) and the Community Rating System (CRS) to participate
3. Expand the Hazard Mitigation Planning Team to include additional county, agency and non-profit staff, as well as municipal residents

Resolution No. 2008-04

WHEREAS, the Borough of Tyrone, Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires, landslides that can result in property loss, loss of life, economic hardships and threats to public health and safety,

WHEREAS, a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by Blair County Hazard Mitigation Planning Committee and the people of the County,

WHEREAS, the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face the Borough of Tyrone, and

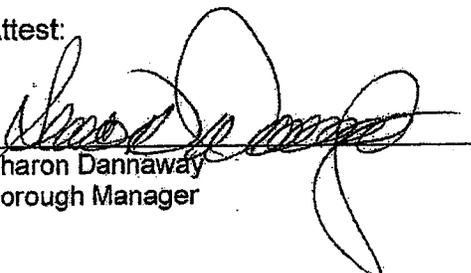
WHEREAS a series of public meetings were held to develop and review the plan,

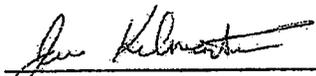
NOW THEREFORE BE IT RESOLVED by the Tyrone Borough Council of the Borough of Tyrone that:

- The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of the Borough of Tyrone.
- By September 30th of each year, the Blair County Hazard Mitigation Planning Committee shall prepare an annual evaluation report to Tyrone Borough Council of the Borough of Tyrone.
- The respective Borough of Tyrone officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

Approved this 11th day of February 2008.

Attest:


Sharon Dannaway
Borough Manager


James Kilmartin
Mayor/President of Borough Council

Attachment 1

I have reviewed the Blair County Hazard Mitigation Plan, and my comments are attached.

I have reviewed the Blair County Hazard Mitigation Plan, and have no comments.

Jeffrey Watson
Name

[Signature]
Signature

2/27/08
Date

Borough of Tyrone
Name of city, borough, or township

MITIGATION PROJECT FOR OUR JURISDICTION

Type of hazard (flooding or other type) Flooding

Address(es) of mitigation project: As outline in the mitigation plan.

Is the property within the 100 yr flood plain? yes

Does the property have flood insurance? _____

Brief description of project (such as property acquisition, building elevation) See copy of memo sent to Borough Manager Sharon Dannaugh addressing the mitigation plan and comment on each of the proposed projects.

Estimated cost: TBD

Memo

To: Sharon Dannaway, Borough Manager
From: JR Watson, Emergency Management Coordinator
CC: Gary Dennis Blair County EMA
Date: February 27, 2008
Re: Blair County Hazard Mitigation Plan

After reviewing the draft copy of Blair County Mitigation Plan, I have the following comments as well as an additional project request for the Borough of Tyrone.

The installation of the manually actuated flood check valves on all of the discharges in the flood prone areas will greatly reduce flooding during events that are less than the 30 year flood event. During most flooding events where the flood waters do not crest above the wall along Berlin and South Logan avenues, the majority of the flood waters result in water backing up through the storm water system. I have been involved in four major flood events in the Borough, flooding in three of those events could have been reduced if the Borough had been able to manually operate the check valves. The only concern would be the coordination of officials on the point in time when to close the valves. If the valves were closed too soon in a rain and flooding event the flooding could be made worse due to the rain run-off accumulating behind the closed valves, this is the reason that manually operated valves would have been used so a decision could be made by local officials on the timing of the valve operation.

With all the options that could protect homes and businesses in the flood prone areas of the Borough, I realize that acquiring and razing the 200 structures in this area may be viewed and the most cost effective, especially when you compare it the costs of installing a levee or flood wall system. As with most municipalities in the Commonwealth of Pennsylvania, Tyrone can not afford to take the loss on its tax base with the elimination of 200 structures in the flood zone. I would prefer to see a more concerted effort to provide funding that would allow modifications be made to the structures in the flood zone. The types of modifications I'm referring to would include, moving expensive equipment such as furnaces, water heaters, electrical panels, washers and driers out of the basements of the structures in the flood zone to a level in each structure that is above the typical flood level. This would relieve the majority of the high price insurance claims during flood events. During most flood events in Tyrone the basements of most structures were the only area damaged.

One project not addressed in the draft Mitigation plan that should be included would be to plan and fund a yearly stream bank and channel maintenance program for the Little Juniata

River and Bald Eagle Creek that flow through the Borough. The stream banks and portions of the stream channels can become quickly overgrown and choked with brush and invasive tree species such as the Tree from Heaven. Smaller flooding events leave behind debris that can quickly obstruct the stream channel. If these types of situations are allowed to build over a number of years the consequences could intensify the flooding due to stream flow and channel reductions in high water events. A carefully planned out ecologically friendly stream bank and channel maintenance program that has yearly goals and appropriate funding applied could lessen the flood risk, plus provide for a healthier river ecosystem. The cost for this proposed project would have to be determined at a later date as the projects scope is better defined.

RESOLUTION # 2-14-11

BLAIR COUNTY HAZARD MITIGATION PLAN

WHEREAS, the ***Borough/Township*** of Tyone, Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires, and landslides that can result in property loss, loss of life, economic hardship and threats to public health and safety.

WHEREAS, a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by the Blair County Hazard Mitigation Planning Committee and the people of Blair County.

WHEREAS, the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face the ***Borough/Township*** of Tyone, and

WHEREAS, a series of public meetings were held to develop and review the plan.

NOW, THEREFORE, BE IT RESOLVED by the Tyone ***Borough Council/Township Board of Supervisors*** that:

- The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of the ***Borough/Township*** of Tyone.
- By September 30 each year, the Blair County Hazard Mitigation Planning Committee shall prepare and deliver an annual evaluation report to the ***President/Chairperson of Council/Board of Supervisors*** of the ***Borough/Township*** of Tyone.
- The Respective Borough/Township officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

Attachment 1

I have reviewed the Blair County Hazard Mitigation Plan, and my comments are attached.

I have reviewed the Blair County Hazard Mitigation Plan, and have no comments.

Raymond Haulk
Name

Feb 14, 2001
Date

Raymond Haulk
Signature

Tyone Township
Name of city, borough, or township

MITIGATION PROJECT FOR OUR JURISDICTION

Type of hazard (flooding or other type) _____

Address(es) of mitigation project: _____

Is the property within the 100 yr flood plain? _____

Does the property have flood insurance? _____

Brief description of project (such as property acquisition, building elevation)

CDE (Educational Pamphlets)

Estimated cost: _____

Resolution No. 1

WHEREAS Williamsburg Borough, Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires, landslides that can result in property loss, loss of life, economic hardship and threats to public health safety,

WHEREAS a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by the Blair County Hazard Mitigation Planning Committee and the people of the County,

WHEREAS the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face Williamsburg, and

WHEREAS a series of public meetings were held to develop and review the plan,

NOW THEREFORE BE IT RESOLVED by the borough council of Williamsburg that:

The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of Williamsburg Borough.

By September 30th each year, the Blair County Hazard Mitigation Planning Committee shall prepare an annual evaluation report to the vice-president of the borough council of Williamsburg.

The respective Williamsburg borough officials and agencies identified in the strategy of the plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

ADOPTED this 4th day of February, 2008

Wanda J. Kasper

Williamsburg, Blair County, Pennsylvania

APPROVED this 4th day of February, 2008

Theodore R. Hyle

Williamsburg, Blair County, Pennsylvania

ATTESTED and FILED this 4th day of February, 2008

Wanda J. Kasper

Williamsburg, Blair County, Pennsylvania

Attachment 1

 I have reviewed the Blair County Hazard Mitigation Plan, and my comments are attached.

I have reviewed the Blair County Hazard Mitigation Plan, and have no comments.

Theodore R. Hyle
Name

Theodore R. Hyle
Signature

2-18-08
Date

Williamsburg
Name of city, borough, or township

MITIGATION PROJECT FOR OUR JURISDICTION

Type of hazard (flooding or other type) Flood

Address(es) of mitigation project: _____

Is the property within the 100 yr flood plain? _____

Does the property have flood insurance? _____

Brief description of project (such as property acquisition, building elevation) _____

Update Flood Insurance Rate Maps (FIRMs) for borough

Estimated cost: _____

RESOLUTION # 1009

BLAIR COUNTY HAZARD MITIGATION PLAN

WHEREAS, the **Borough/Township** of WOODBURY TWP, Blair County, Pennsylvania is vulnerable to natural hazards like flooding, wind and weather hazards, drought, earthquakes, wildfires, and landslides that can result in property loss, loss of life, economic hardship and threats to public health and safety.

WHEREAS, a Blair County Hazard Vulnerability Assessment and Mitigation Plan has been developed by the Blair County Hazard Mitigation Planning Committee and the people of Blair County.

WHEREAS, the Blair County Hazard Vulnerability Assessment and Mitigation Plan recommends mitigation activities that will reduce losses to life and property affected by the natural hazards that face the **Borough/Township** of WOODBURY TWP, and

WHEREAS, a series of public meetings were held to develop and review the plan.

NOW, THEREFORE, BE IT RESOLVED by the WOODBURY TWP **Borough Council/Township Board of Supervisors** that:

- The Blair County Hazard Vulnerability Assessment and Mitigation Plan is hereby adopted as an official plan of the **Borough/Township** of WOODBURY TWP.
- By September 30 each year, the Blair County Hazard Mitigation Planning Committee shall prepare and deliver an annual evaluation report to the **President/Chairperson of Council/Board of Supervisors** of the **Borough/Township** of WOODBURY TWP.
- The Respective Borough/Township officials and agencies identified in the strategy of the Plan are hereby directed to implement the recommended activities assigned to them. They will consult semi-annually with the Blair County Hazard Mitigation Planning Committee on the progress of their activities.

A



FEMA

Robert Pheasant
Board of Supervisors, Chairman
Woodbury Township
Post Office Box 56
6385 Clover Creek Road
Williamsburg, Pennsylvania 16693

NOV 19 2010

22 NOV 10
COPY BLAIR CO FEMA
BLAIR CO PLNG
FEMA C/A
ELECTRONIC FILE
HAND COPY FILE

Dear Mr. Pheasant:

Woodbury Township's adoption of the Blair County Multi-Jurisdictional Hazard Mitigation Plan dated September 7, 2010 has been received by the Federal Emergency Management Agency (FEMA). The plan is now approved with the receipt and acceptance of the formal adoption resolution. As such, the Township of Woodbury is now eligible to apply for federal disaster assistance until the Blair County Multi-Jurisdictional Hazard Mitigation Plan expires on September 30, 2013.

We reviewed the plan based on the criteria contained in 44 Code of Federal Regulations (CFR), Part 201, as authorized by the Disaster Mitigation Act of 2000 (DMA2K). These criteria address the planning process, risk assessment (including hazard identification), mitigation strategy and plan maintenance process requirements.

The Blair County Multi-Jurisdictional Hazard Mitigation Plan received a "satisfactory" rating for all required criteria. However, the DMA2K also includes a provision to encourage communities to continuously strive to improve their plans and resulting mitigation actions. Therefore, the plan must be reviewed, revised if appropriate, and resubmitted for approval within five years of the initial approval date of September 30, 2008 in order to continue to be eligible for federal disaster assistance.

We encourage you to participate in the expansion and documentation of the plan's assessment and analysis of mitigation measures. We also encourage you to follow the schedule for regular evaluation, updating, and monitoring, and have enclosed a list of specific recommendations for improving the plan.

If you have questions, please contact Thomas S. Hughes, Pennsylvania State Hazard Mitigation Officer, at (717) 651-2726.

I commend you for your dedication demonstrated in preparing and adopting a strategy to reduce future disaster losses.

Sincerely,

Eugene Gruber
Mitigation Division Director

Enclosure

cc: Thomas S. Hughes, Pennsylvania State Hazard Mitigation Officer

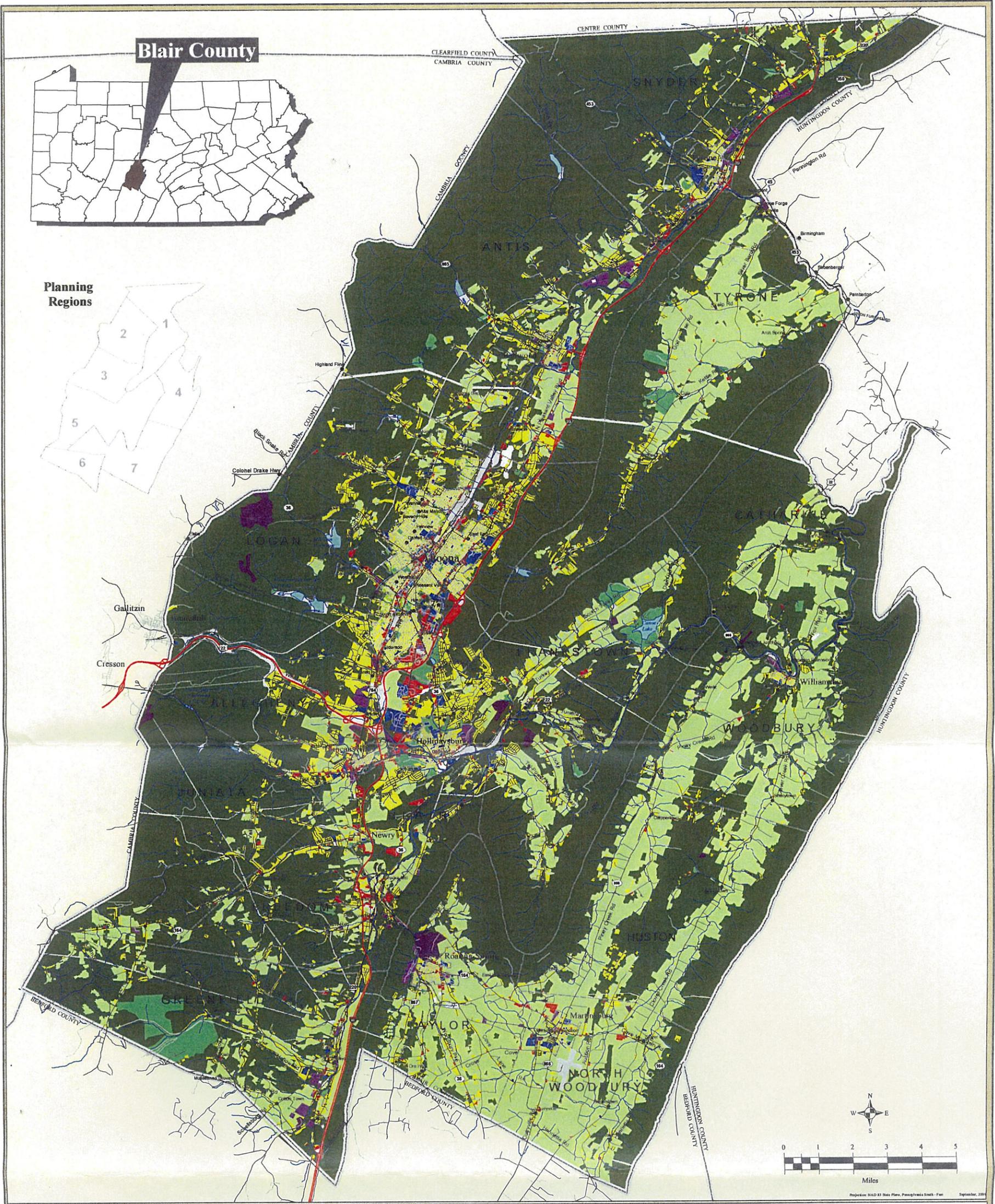
**Recommendations for Improvements
Local Hazard Mitigation Plan
Pennsylvania – Region III**

Blair County, Pennsylvania
Blair County Hazard Mitigation Plan
For the Township of Woodbury

1. A narrative describing continued compliance with the NFIP needs to be included when the plan is updated next.
2. Identification of “Repetitive Loss Properties” needs to be included in the updated plan.
3. Types, numbers, and values of existing and future buildings (residential and commercial), infrastructure, and critical facilities in the identified hazard areas needs to be included when the plan is next updated.
4. Estimate of potential dollar losses to vulnerable structures and contents in identified hazard areas needs to be included when the plan is next updated.
5. Expand the vulnerability description that provides a description of land uses and development trends within the community, allowing for mitigation to be considered in future land use decisions
6. Additional information concerning public participation such as public meetings, workshops, and educational programs.
7. Encourage additional municipalities to adopt the Blair County Hazard Mitigation Plan. Approach, and invite, Municipalities who are not part of the National Flood Insurance Program (NFIP) and the Community Rating System (CRS) to participate Expand the Hazard Mitigation Planning Team to include additional county, agency and non-profit staff, as well as municipal residents.

APPENDIX J

Maps of Existing and Future Land Use



Legend

- County Boundary
- City/Borough
- Township
- Place
- Interstate
- State Route
- Local Road
- Railroad
- Lake/Reservoir
- River/Creek/Stream

Land Use Classifications

- Residential
- General Sales or Service
- Manufacturing/Wholesale
- Transportation/Communication/Utilities
- Arts/Entertainment/Recreation
- Education/Public Admin/Health Care

- Construction Related Business
- Mining & Extraction
- Agriculture
- Forest/Game Lands
- Vacant

BLAIR COUNTY PLANNING COMMISSION



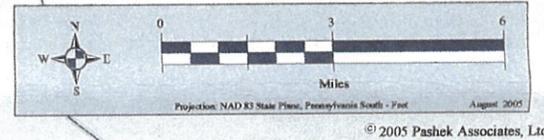
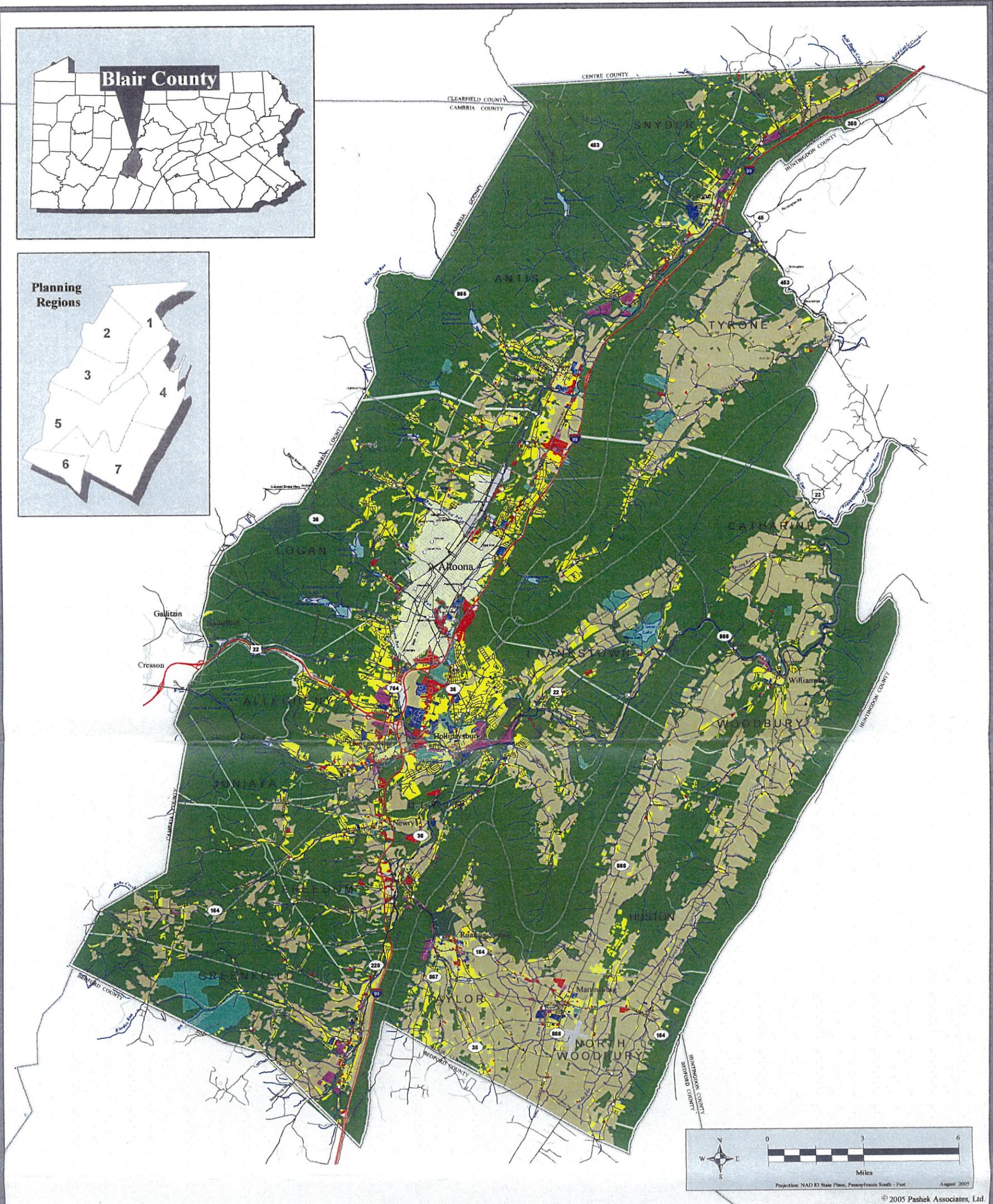
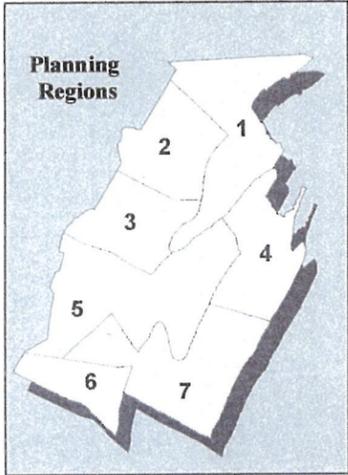
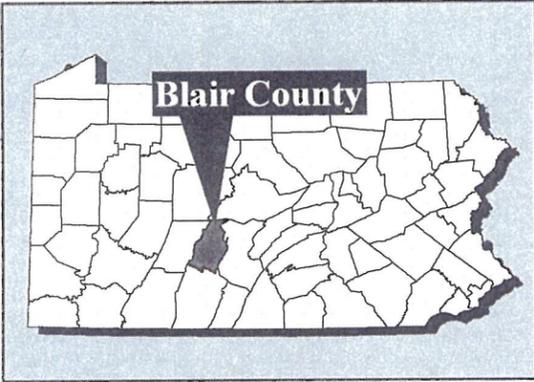
Valley View Home, Wing E
 301 Valley View Boulevard
 Altoona, PA 16602-6409
 Phone: (814) 940-5978
 Fax: (814) 940-5985
 TTY: (800) 654-5984

Map Sources:
 Transportation and Boundaries - Blair County 911 Data
 Hydrology-ERRI Networked Streams (PASDA)
 Places - USGS Geographic Name Information System
 Land Use - Blair County Planning Commission

An Areawide Comprehensive Plan
 for
Blair County, Pennsylvania

**Existing
 Land Use**





Legend

- County Boundary
- City/Borough
- Township
- Place
- Interstate
- State Route
- Local Road
- Railroad
- Lake/Reservoir
- River/Creek/Stream

Future Land Use Classifications

- Residential
- General Sales or Service
- Manufacturing/Wholesale
- Transportation/Communication/Utilities
- Arts/Entertainment/Recreation
- Education/Public Admin/Health Care
- Mining/Extraction
- Agriculture
- Forest/Gamelands

BLAIR COUNTY PLANNING COMMISSION

Valley View Home, Wing E
301 Valley View Boulevard
Altoona, PA 16602-6409

Phone: (814) 940-5978
Fax: (814) 940-5985
TTY: (800) 654-5984

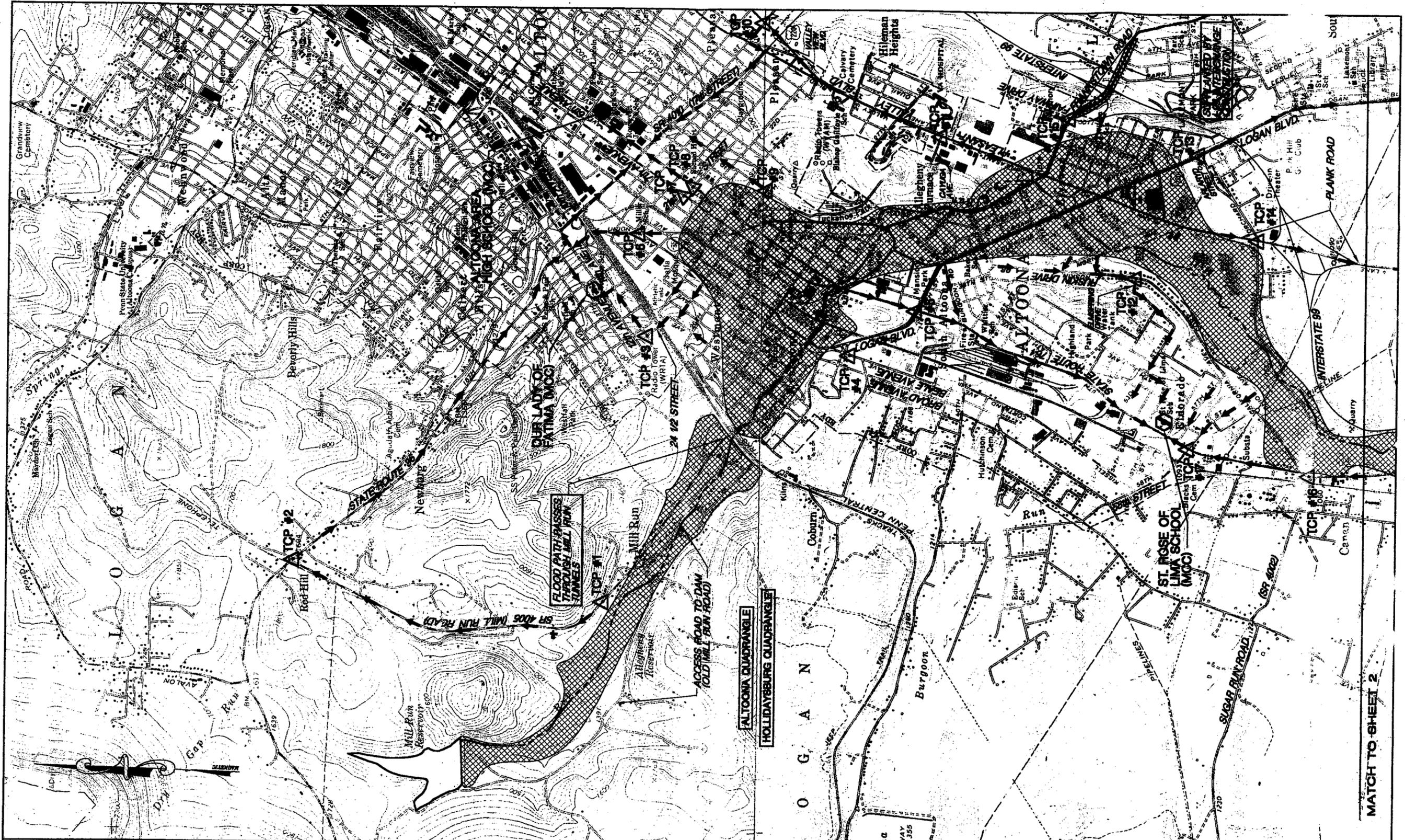
Map Sources:
Transportation and Boundaries - Blair County 911 Data
Hydrology-ERRI Networked Streams (PASDA)
Places - USGS Geographic Name Information System
Land Use - Blair County Planning Commission

An Areawide Comprehensive Plan
for
Blair County, Pennsylvania

**Future
Land Use**

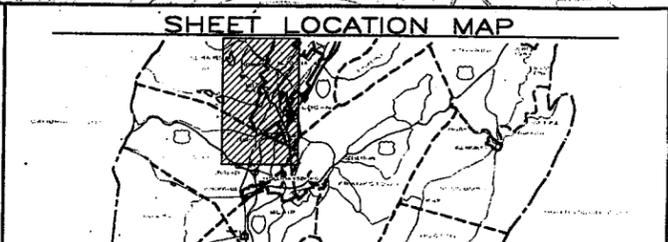


APPENDIX K
Inundation Flood Maps



LEGEND

INTERMEDIATE CONTOUR	EXISTING STREAM / BODY OF WATER
INDEX CONTOUR WITH ELEVATION	POTENTIAL INUNDATION AREA
BOROUGH/TOWNSHIP POLITICAL BOUNDARY	RECEPTION / MASS CARE CENTER
U.S. SYMBOL AND NUMBER	TRAFFIC CONTROL POINT
STATE ROUTE SYMBOL AND NUMBER	EVACUATION ROUTE



REVISIONS

NO.	DATE	DESCRIPTION

GRAPHIC SCALE (IN FEET)

CHECK GRAPHIC SCALE BEFORE USING



DOWNSTREAM INUNDATION MAP
Altoona City Authority
MILL RUN DAM
 DEP Number D07-082
EMERGENCY ACTION PLAN

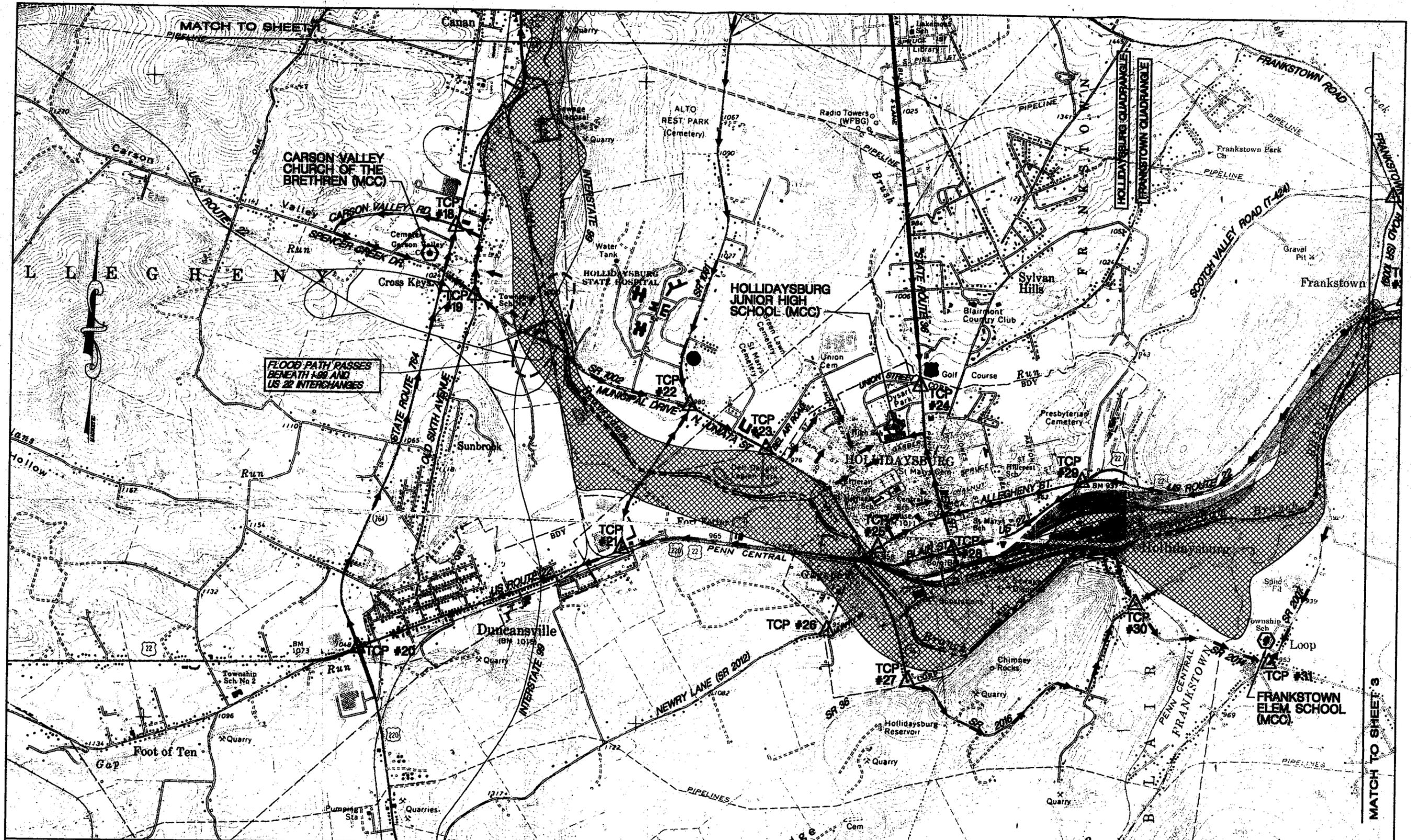
Logs: Allegheny, Blair, Frankstown, Catharine and Woodbury Townships, South Altoona, Hollidaysburg and Williamsburg Boroughs, Mill Run Gaysport and The Villages of Upper Freeport, Freeport, Carver Creek, Covadale, Cove Forge, and Mount Etna

ISSUED: 05/31/2002 JOB: 99062 SCALE: 1"=1000'
 FILE: 99062001.dwg DRAWN BY: JDM CHECKED BY: MRD

GD&F
GWIN DOBSON & FOREMAN INC.
 Consulting Engineers
 1201 2nd Street
 Altoona, PA 16601

SHEET NO:
1

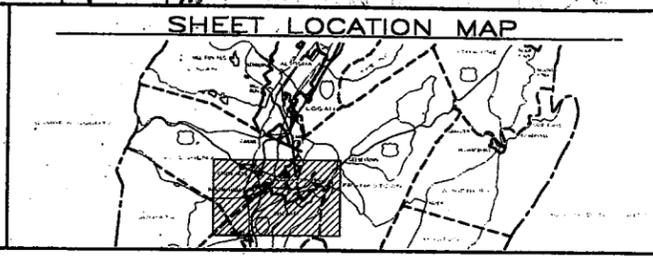
MATCH TO SHEET 2



FLOOD PATH PASSES BENEATH I-80 AND US 22 INTERCHANGES

LEGEND

- INTERMEDIATE CONTOUR
- INDEX CONTOUR WITH ELEVATION
- BOROUGH/TOWNSHIP POLITICAL BOUNDARY
- U.S. ROUTE SYMBOL AND NUMBER
- STATE ROUTE SYMBOL AND NUMBER
- EXISTING STREAM / BODY OF WATER
- POTENTIAL INUNDATION AREA
- RECEPTION / MASS CARE CENTER
- TRAFFIC CONTROL POINT
- EVACUATION ROUTE



REVISIONS

NO.	DATE	DESCRIPTION

GRAPHIC SCALE (IN FEET)

CHECK GRAPHIC SCALE BEFORE USING

DOWNSTREAM INUNDATION MAP

Aitona City Authority
MILL RUN DAM
 DEP Number D07-082
EMERGENCY ACTION PLAN

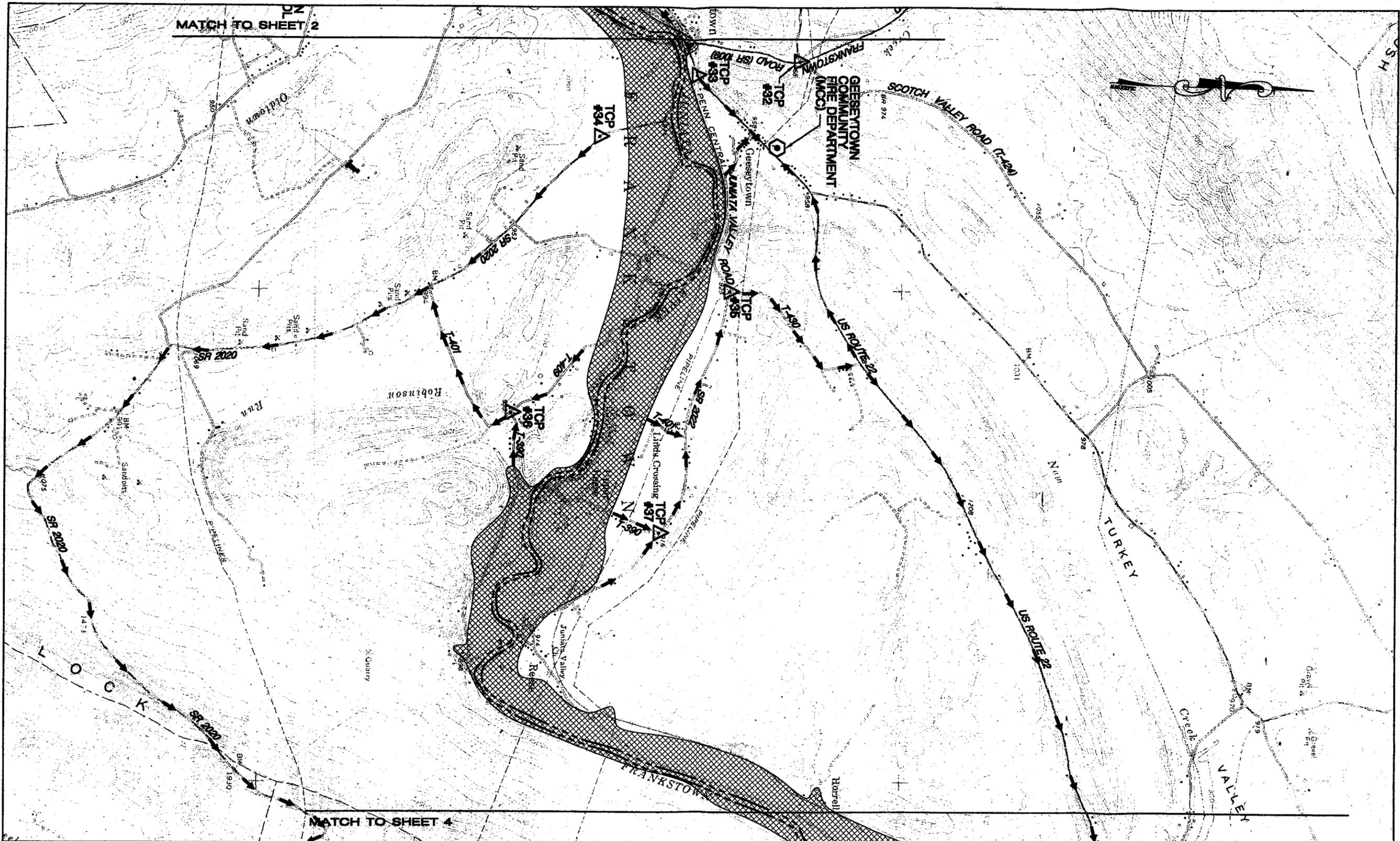
Logan, Allegheny, Blair, Frankstown, Catherine and Woodbury Townships, South Altoona, Hollidaysburg and Williamsburg Boroughs, Mill Run, Gayport and The Villages of Upper Reese, Reese, Coase Creek, Covadale, Cove Forge, and Mount Eden

ISSUED: 05/31/2002 JOB: 99002 SCALE: 1"=1000'
 FILE: 9902002.dwg DRAWN BY: JDM CHECKED BY: LMD

GD&F
 GWIN DOBSON & FOREMAN INC.
 Consulting Engineers
 221 Fairway Lane
 Altoona, PA 15522

SHEET NO: **2**

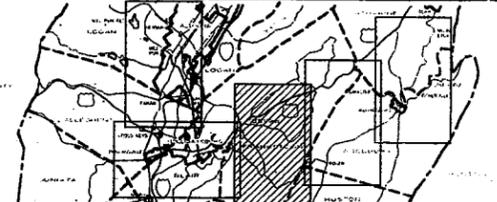
5/31/02 G:\EAP\9902\9902002.dwg



LEGEND

- INTERMEDIATE CONTOUR
- INDEX CONTOUR WITH ELEVATION
- BOROUGH/TOWNSHIP POLITICAL BOUNDARY
- U.S. ROUTE SYMBOL AND NUMBER
- STATE ROUTE SYMBOL AND NUMBER
- EXISTING STREAM / BODY OF WATER
- POTENTIAL INUNDATION AREA
- RECEPTION / MASS CARE CENTER
- TRAFFIC CONTROL POINT
- EVACUATION ROUTE

SHEET LOCATION MAP



REVISIONS

NO.	DATE	DESCRIPTION

GRAPHIC SCALE
(IN FEET)



CHECK GRAPHIC SCALE BEFORE USING



Mark V. Glenn

DOWNSTREAM INUNDATION MAP

Aitona City Authority
MILL RUN DAM
 DEP Number D07-082
EMERGENCY ACTION PLAN
 Logan, Allegheny, Blak, Frankstown, Catherine and Woodbury Townships, South Aitona, Hollidaysburg and Williamsburg Boroughs, Mill Run, Geeseytown and The Villages of Upper Reese, Reese, Cence Creek, Covadale, Cove Forge, and Mount Etna

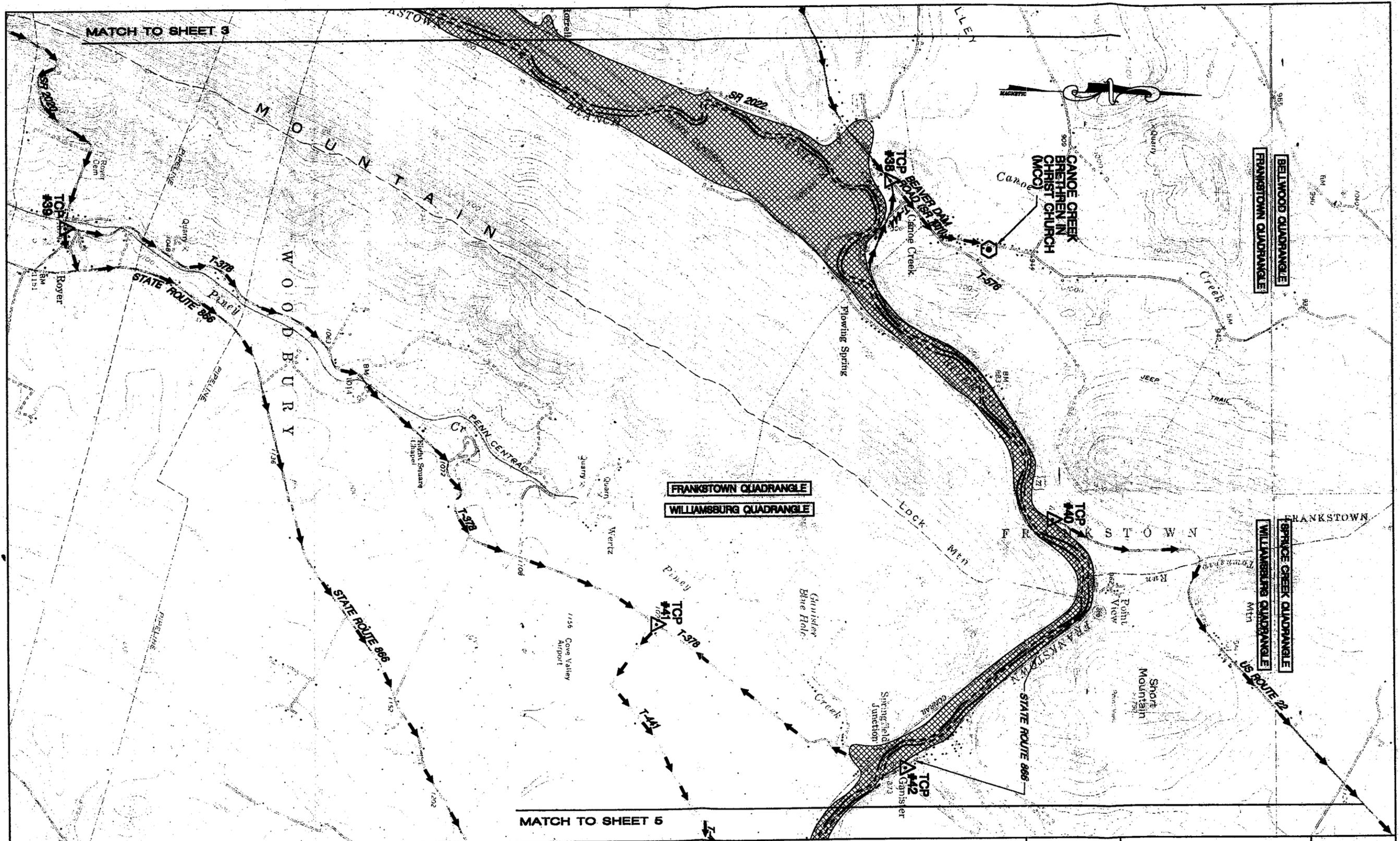
ISSUED: 05/31/2002 JOB: 99082 SCALE: 1"=1000'
 FILE: 99082003.dwg DRAWN BY: JDM CHECKED BY: MRG



GWIN DOBSON & FOREMAN Inc.
 Consulting Engineers
 1221 Railway Drive
 Altoona, PA 15002

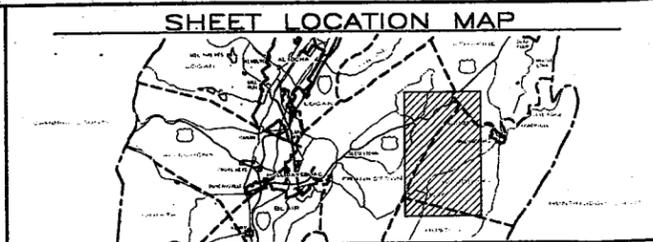
SHEET NO:

3



LEGEND

	INTERMEDIATE CONTOUR		EXISTING STREAM / BODY OF WATER
	INDEX CONTOUR WITH ELEVATION		POTENTIAL INUNDATION AREA
	BOROUGH/TOWNSHIP POLITICAL BOUNDARY		RECEPTION / MASS CARE CENTER
	U.S. ROUTE SYMBOL AND NUMBER		TRAFFIC CONTROL POINT
	STATE ROUTE SYMBOL AND NUMBER		EVACUATION ROUTE

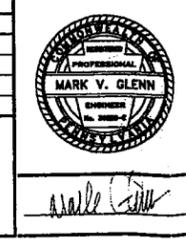


REVISIONS

NO.	DATE	DESCRIPTION

GRAPHIC SCALE
(IN FEET)

CHECK GRAPHIC SCALE BEFORE USING



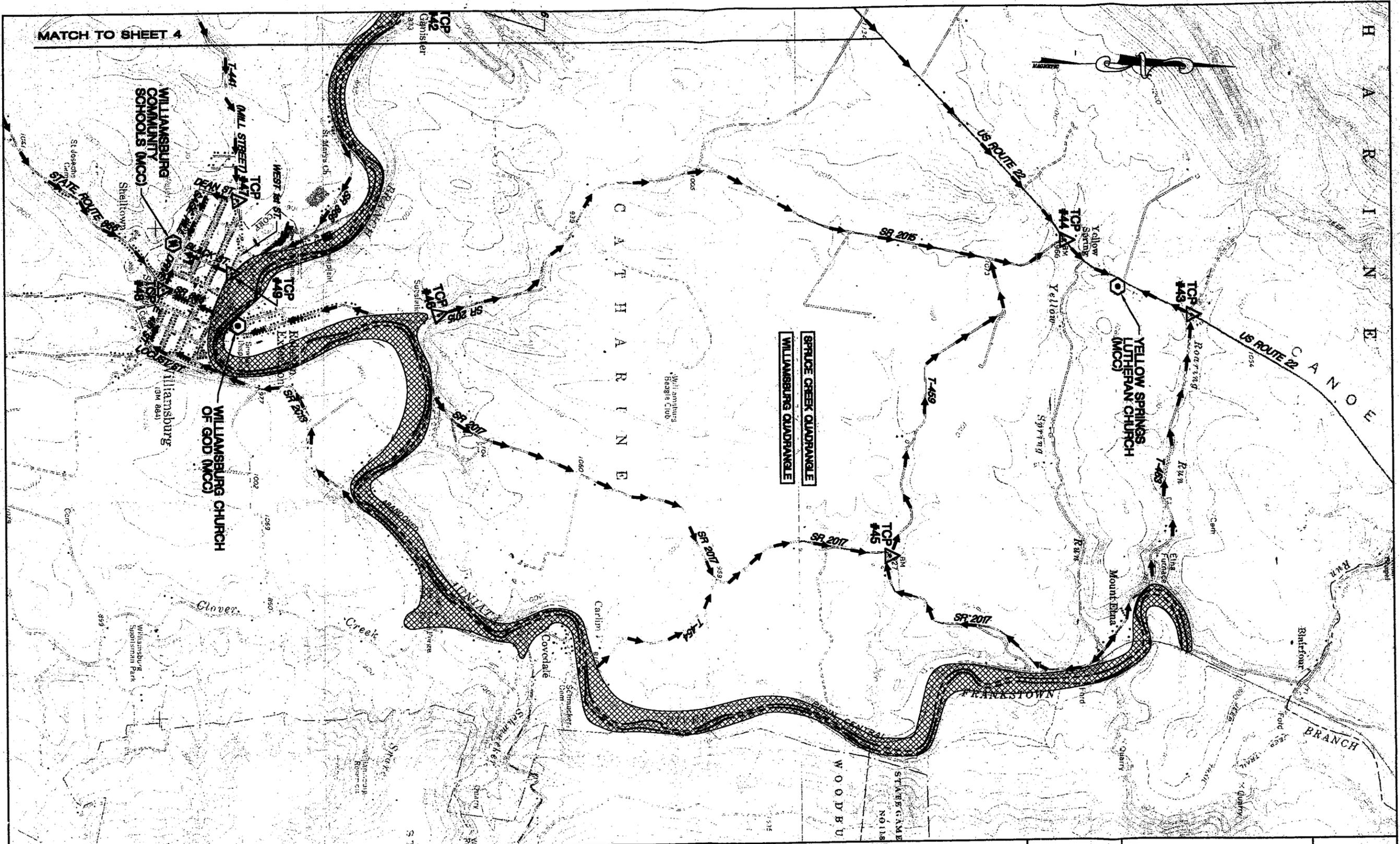
DOWNSTREAM INUNDATION MAP
Altoona City Authority
MILL RUN DAM
 DEP Number D07-082
EMERGENCY ACTION PLAN
 Logan, Allegheny, Blair, Frankstown, Catharine and Woodbury Townships, South Altoona, Hollidaysburg and Williamsburg Boroughs, Mt. Run Gayport and The Villages of Upper Freeport, Raven, Canoe Creek, Coveada, Cove Forge, and Mount Erie.

ISSUED: 05/31/2002 JOB: 89082 SCALE: 1"=1000'
 FILE: 89082004.dwg DRAWN BY: JDM CHECKED BY: MRO

GD&F
 GWIN DOBSON & FOREMAN, INC.
 Consulting Engineers
 312 Fairway Drive
 Altoona, PA 16602

SHEET NO: **4**

6: 89082004.dwg 5/31/02



MATCH TO SHEET 4

H
A
R
R
I
S
B
O
R
O
U
G
H

C
A
N
O
E
C
R
E
E
K

SPRICE CREEK QUADRANGLE
WILLIAMSBURG QUADRANGLE

C
A
T
H
A
R
I
N
E

WILLIAMSBURG
COMMUNITY
SCHOOLS (MCC)

WILLIAMSBURG CHURCH
OF GOD (MCC)

YELLOW SPRINGS
LUTHERAN CHURCH
(MCC)

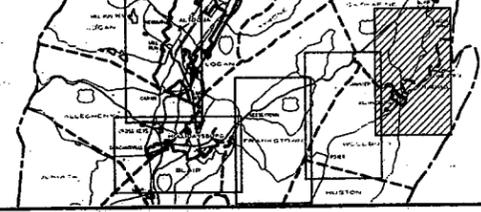
FRANKSTOWN

BRANCH

LEGEND

- INTERMEDIATE CONTOUR
- INDEX CONTOUR WITH ELEVATION
- BOROUGH/TOWNSHIP POLITICAL BOUNDARY
- U.S. ROUTE SYMBOL AND NUMBER
- STATE ROUTE SYMBOL AND NUMBER
- EXISTING STREAM / BODY OF WATER
- POTENTIAL INUNDATION AREA
- RECEPTION / MASS CARE CENTER
- TRAFFIC CONTROL POINT
- EVACUATION ROUTE

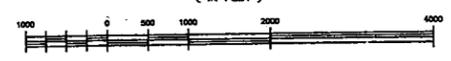
SHEET LOCATION MAP



REVISIONS

NO.	DATE	DESCRIPTION

GRAPHIC SCALE
(IN FEET)



CHECK GRAPHIC SCALE BEFORE USING



Mark V. Glenn

DOWNSTREAM INUNDATION MAP

Altoona City Authority
MILL RUN DAM
DEP Number D07-082
EMERGENCY ACTION PLAN

Logan, Allegheny, Blair, Frankstown, Catharine and Woodbury Townships, South Altoona, Holidaysburg and Williamsburg Boroughs, Mill Run, Gayport and The Villages of Upper Freeze, Freeze, Canoe Creek, Covadale, Cove Forge, and Mount Elm

ISSUED: 05/31/2002 JOB: 89982 SCALE: 1"=1000'
FILE: 89082005.dwg DRAWN BY: JOM CHECKED BY: MRO



GWIN
DOBSON &
FOREMAN, INC.
Consulting Engineers
321 Palmyra Drive
Altoona, PA 16602

SHEET NO:
5

G:\LEAP\89082\89082005.dwg 5/31/02