

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program; it does not necessarily identify areas subject to flooding particularly from local drainage sources of areas, or of all planimetric features outside Special Flood Hazard Areas. The community map repository should be consulted for possible updated flood hazard information prior to use of this map for property purchase or construction purposes.

Coastal base flood elevations apply only inlandward of 0.0 National Geodetic Vertical Datum of 1929 (NGVD) and include the effects of wave action. These elevations may differ significantly from those developed by the National Weather Service for hurricane evacuation planning.

Areas of special flood hazard 100-year flood include Zones A, AE, AH, AD, A99, V, and VE.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures.

Boundaries of the floodway were computed at cross sections and interpolated between cross sections. The floodway elevations were based on hydraulic computations with regard to requirements of the Federal Emergency Management Agency.

Floodway widths in some areas may be too narrow to show on scale. Floodway widths are provided in the Flood Insurance Study Report.

Corporate limits shown on this map are based on the best data available. The user should contact appropriate community officials to verify the corporate limits designations shown on this map.

For community map revision history, prior to countywide mapping, see section E.0 of the Flood Insurance Study Report.

For adjoining map panels, see separately printed Map Index.

DIGITAL DATA AVAILABILITY: Digital files containing the thematic floodplain information shown on this map are published by the Federal Emergency Management Agency in CD-ROM format on CD-ROM. Requests for data should include the full name of the community or county and the Flood Insurance Rate Map panel numbers covered by the request. Contact the Federal Emergency Management Agency, Map Service Center, 6733 Santa Barbara Court, Baltimore, MD 21284-5027, Telephone: 1-800-368-6868.

NOTE: The coordinate system used for the production of this Flood Insurance Rate Map (FIRM) is the North American Datum (NAD) 83. Users of the FIRM are in latitude and longitude referenced to the Transverse Mercator projection, NAD83. Differences in the datum and spheroid used in the production of HRMs in adjacent counties may result in slight positional differences in map features at county boundaries. These differences do not affect the accuracy of information shown on the FIRM.

ATTENTION: Flood elevations on this map are referenced to the National Geodetic Vertical Datum of 1929. These flood elevations must be compared to structure and ground elevations referenced to the same datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1983, contact the National Geodetic Survey at the following address:

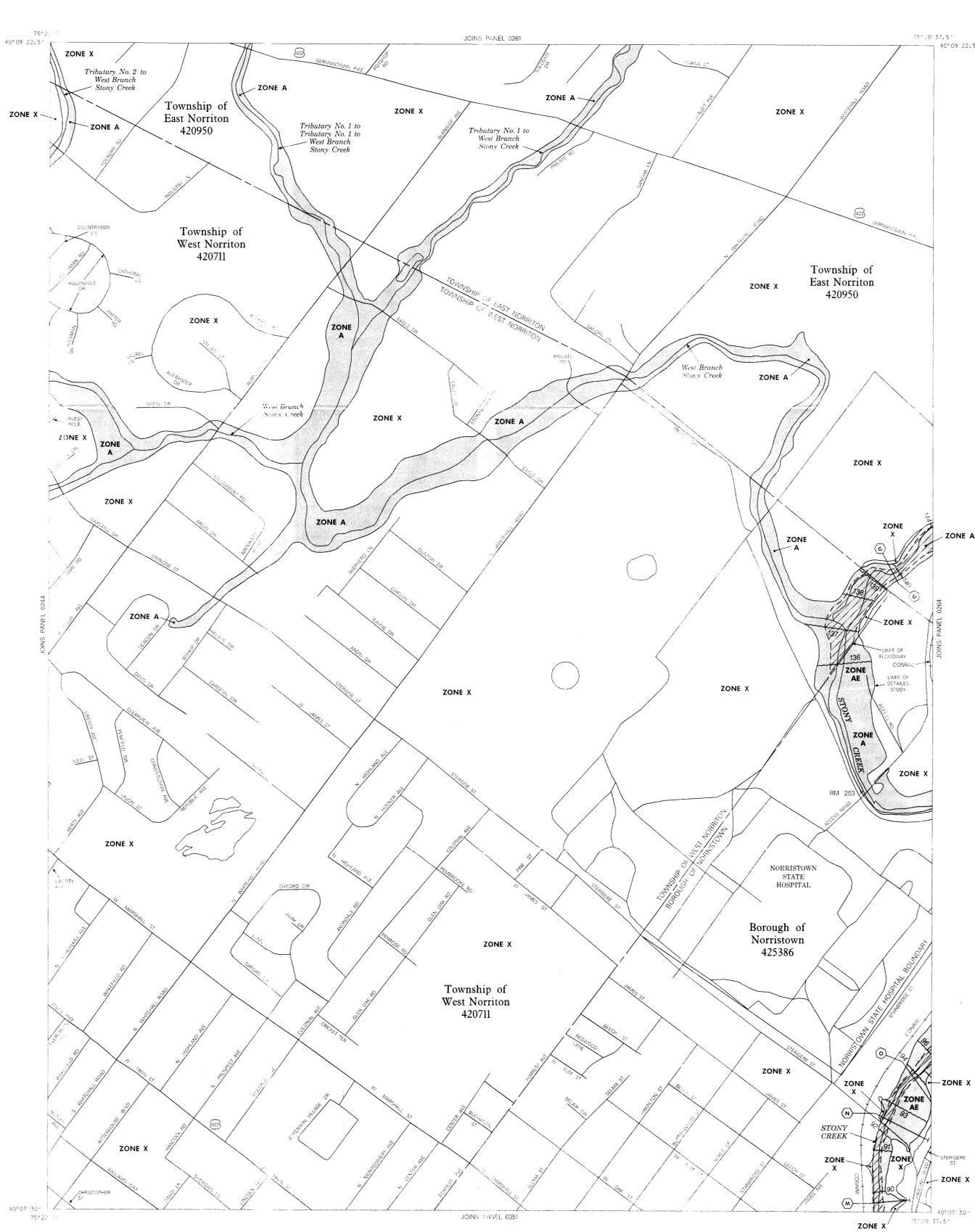
Vertical Network Branch 7511
National Geodetic Survey
4849 Ave. of the Stars, Suite 200
Silver Spring, Maryland 20910
Telephone: 301-761-3391

BASE MAP SOURCE: Base map information files were provided by the Pennsylvania Department of Transportation (PennDOT). These files were completed at a scale of 1" = 200' from USGS 7.5-14.5 minute Topographic Maps. Users of the FIRM should be aware that minor adjustments may have been made to specific base map features. Therefore, the modified files used to create this base map are not PennDOT approved. PennDOT retains all map files. Additional base map information shown on this FIRM may have been derived from other sources.

ELEVATION REFERENCE MARKS

REFERENCE MARK	ELEVATION IN FEET (NGVD)	DESCRIPTION OF LOCATION
RM 253	134.97'	Spaced out on top of split-span concrete bridge over Stony Creek, on grounds of Norristown State Hospital, near to boiler plant.

¹National Geodetic Vertical Datum of 1929



LEGEND

SPECIAL FLOOD HAZARD AREAS INUNDED BY 100-YEAR FLOOD

- ZONE A** No base flood elevations determined.
- ZONE AE** Base flood elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); base flood elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE A99** To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations determined.
- ZONE V** Coastal flood with velocity hazard (wave action); no base flood elevations determined.
- ZONE VE** Coastal flood with velocity hazard (wave action); base flood elevations determined.

FLOODWAY AREAS IN ZONE AE

OTHER FLOOD AREAS

- ZONE X** Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.

OTHER AREAS

- ZONE X** Areas determined to be outside 500-year floodplain.
- ZONE D** Areas in which flood hazards are undetermined.

UNDEVELOPED COASTAL BARRIERS*

- Identified 1983
- Identified 1990 or Later
- Otherwise Protected Areas Identified 1991 or Later

*Coastal barrier areas are normally located within or adjacent to Special Flood Hazard Areas.

--- Floodplain Boundary
 - - - - - Floodway Boundary
 - - - - - Zone D Boundary

--- Boundary Dividing Special Flood Hazard Zones and Boundaries Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones

--- 513 --- Base Flood Elevation Line Elevation in Feet**

--- Cross Section Line --- Cross Section Line in Feet Where Uniform Within Zone**

(E) 150/71 Elevation Reference Mark
 (RM) 253 River Mile
 (M) 15 River Mile

**Referenced to the National Geodetic Vertical Datum of 1929

MAP REVISIONS:
 Refer to Repository Listing on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP: DECEMBER 19, 1996

EFFECTIVE DATES OF REVISIONS TO THIS PANEL:

Refer to the FLOOD INSURANCE RATE MAP effective date shown on this map to determine when structural rates apply to structures in the zones where elevations or depths have been established.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 800-685-6620.

APPROXIMATE SCALE
 0 500 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP
MONTGOMERY COUNTY,
PENNSYLVANIA
(ALL JURISDICTIONS)

PANEL 263 OF 451
 (SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SHEET
EAST NORRITON TOWNSHIP OF	420950	1283	E
NORRISTOWN BOROUGH OF	425386	1283	E
WEST NORRITON TOWNSHIP OF	420711	1283	E

Map No. 420910C0263 E
 EFFECTIVE DATE:
 DECEMBER 19, 1996

Federal Emergency Management Agency

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding particularly from local drainage sources of small streams or all drainage features outside Special Flood Hazard Areas. This community map repository should be consulted for possible updated flood hazard information prior to use of this map for property purchase or construction purposes.

Coastal base flood elevations are only landward of D.C. National Geodetic Vertical Datum of 1929 (NGVD) and use the effects of wave action. These elevations may also differ significantly from those developed by the National Weather Service for hurricane evacuation planning.

Areas of special flood hazard (100-year flood) include Zones A, AE, AH, AO, AV, V, and VE.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the Federal Emergency Management Agency.

Floodway widths in some areas may be too narrow to show to scale. Floodway widths are provided in the Flood Insurance Study Report.

Corporate limits shown on this map are based on the best data available. The user should contact appropriate community officials to verify the corporate limits delineations shown on this map.

For community map revision history prior to countywide mapping see section 6.0 of the Flood Insurance Study Report.

For adjoining map panels see separately printed Map Index.

DIGITAL DATA AVAILABILITY: Digital files containing the thematic floodplain information shown on these maps are published by the Federal Emergency Management Agency in DLE-3 optional format on CD-ROM. Requests for data should include the full name of the community or county and the Flood Insurance Rate Map panel numbers covered by the request. Contact the Federal Emergency Management Agency, Map Service Center, 6730 Santa Barbara Court, Baltimore, Maryland 21227-5822, Telephone: 1-800-358-6040.

NOTE: The coordinate system used for the production of this Flood Insurance Rate Map (FIRM) is Universal Transverse Mercator (UTM), North American Datum of 1983 (NAD83). Corner coordinates shown on the FIRM are in latitude and longitude referenced to the Transverse Mercator projection. Differences in the datum and spheroid used in the production of FIRMs for adjacent counties may result in slight positional differences in map features at the county boundaries. These differences do not affect the accuracy of the information shown on the FIRM.

ATTENTION: Flood elevations on this map are referenced to the National Geodetic Vertical Datum of 1929. These flood elevations must be compared to structures and ground elevations referenced to the same datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, contact the National Geodetic Survey at the following address:

Vertical Network Branch, N/CC13
National Geodetic Survey, NGA
Silver Spring Metro Center 3
1375 East-West Highway
Silver Spring, Maryland 20910
(301) 713-3791

BASE MAP SOURCE: Base map information files were provided by the Pennsylvania Department of Transportation (PennDOT). These files were compiled at a scale of 1:24,000 from USGS 7.5-Minute Series Topographic Maps. Users of this FIRM should be aware that minor adjustments may have been made to specific base map features. Therefore the modified files used to create this base map are not PennDOT approved. PennDOT retains the master files. Additional base map information shown on this FIRM may have been derived from other sources.

ELEVATION REFERENCE MARKS

REFERENCE MARK	ELEVATION IN FT. (NGVD)	DESCRIPTION OF LOCATION
RM 328	157.09	Standard disk set in concrete post, approximately 2.5 feet lower than road, approximately 1.2 miles southeast along Route 397 from Reading. Original railroad station at Port Kennedy, approximately 10.5 feet northeast of entrance of farm entrance, approximately 30.5 feet northeast of southeast of highway, approximately 13.3 feet northeast of 20-foot wide tree, approximately 1.4 feet southeast of white post attached 0886.
RM 330	86.36	At Port Kennedy, on CORRAL, approximately 112 feet east of northeast corner of station, approximately 5.3 feet south of south rail of south set of main line tracks, approximately 15 feet west of west edge of old highway overpass which is numbered 2147, approximately 1 foot below level of tracks, and set on top of 4" by 4" foot concrete block.

¹National Geodetic Vertical Datum of 1929

Effective Date of Countywide Flood Insurance Rate Map: December 19, 1996

Effective Date(s) of Revisions to this Panel:

Refer to the FLOOD INSURANCE RATE MAP effective date shown on this map to determine when actual rates apply to structures in the zones where elevations or depths have been established.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at (800) 638-6220.

Refer to the FLOOD INSURANCE RATE MAP effective date shown on this map to determine when actual rates apply to structures in the zones where elevations or depths have been established.

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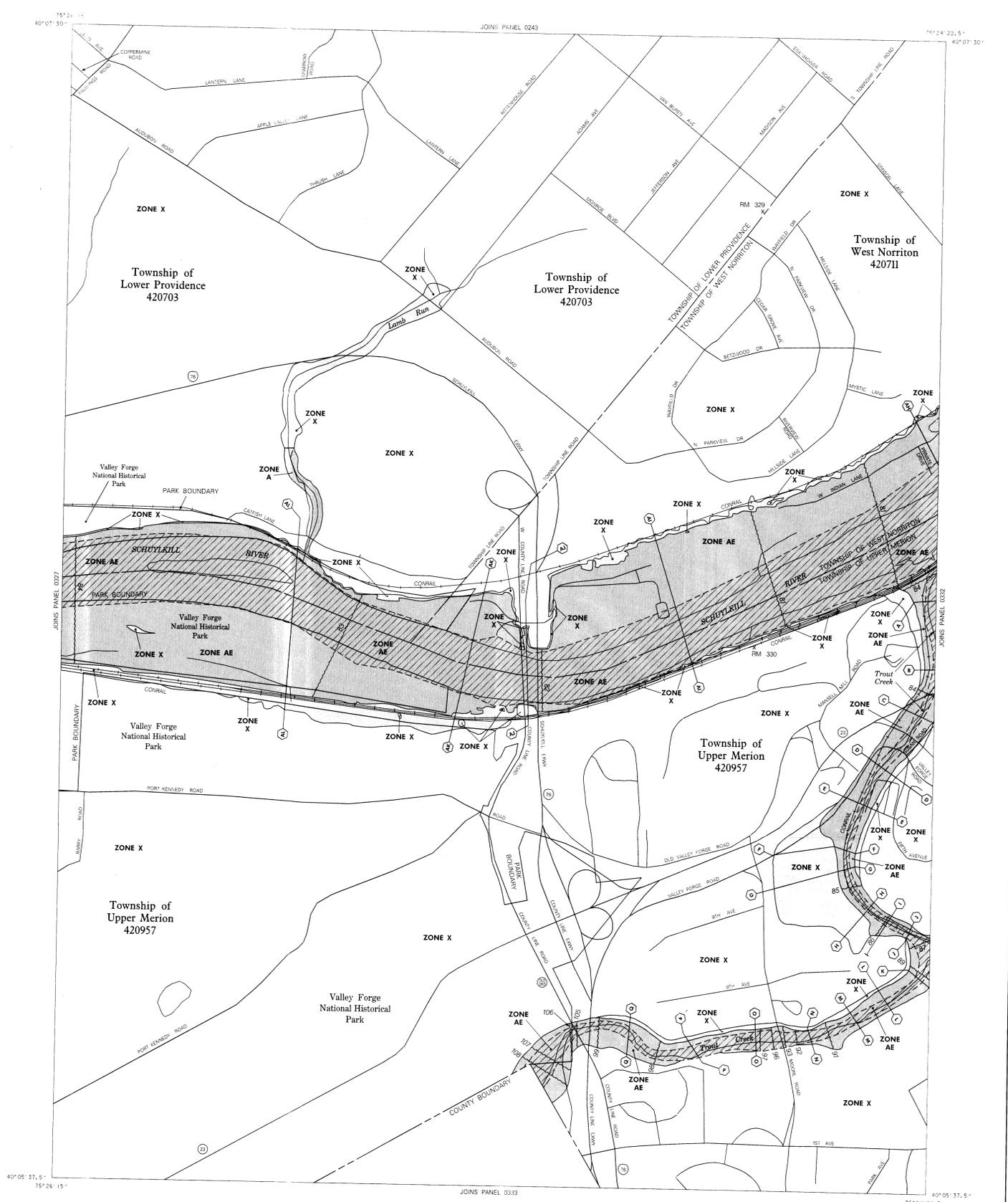
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LEGEND

SPECIAL FLOOD HAZARD AREAS INUNDED BY 100-YEAR FLOOD

- ZONE A** No base flood elevations determined.
- ZONE AE** Base flood elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); base flood elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined; for areas of alluvial fan flooding, velocities also determined.
- ZONE AV** To be protected from 100-year flood by Federal flood protection system - under construction; no base flood elevations determined.
- ZONE V** Coastal flood with velocity hazard (wave action); no base flood elevations determined.
- ZONE VE** Coastal flood with velocity hazard (wave action); base flood elevations determined.

FLOODWAY AREAS IN ZONE AE

OTHER FLOOD AREAS

- ZONE X** Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.

OTHER AREAS

- ZONE X** Areas determined to be outside 500-year floodplain.
- ZONE D** Areas in which flood hazards are undetermined.

UNDEVELOPED COASTAL BARRIERS*

- Identified 1983
- Identified 1990 or Later
- Otherwise Protected Areas Identified 1991 or Later

*Coastal barrier areas are normally located within or adjacent to Special Flood Hazard Areas.

- Floodplain Boundary
- Floodway Boundary
- Zone D Boundary
- Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones
- Base Flood Elevation Line: Elevation in Feet**
- Cross Section Line
- Base Flood Elevation in Feet Where Uniform Within Zone**
- Elevation Reference Mark
- RM7 x
- RM1.5
- River Mile

**Referenced to the National Geodetic Vertical Datum of 1929

MAP REPOSITORY

Refer to Repository Listing on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
DECEMBER 19, 1996

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP
MONTGOMERY COUNTY, PENNSYLVANIA (ALL JURISDICTIONS)

PANEL 331 OF 451
(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS	NUMBER	PANEL	SURVEY
LOWER MERION TOWNSHIP OF	420957	030	E
UPPER MERION TOWNSHIP OF	420957	038	E
WEST NORRITON TOWNSHIP OF	420711	033	E

Notes to User: The MAP NUMBER shown below should be used when ordering this map. The 1:24,000 scale shown above should be used in "as-shown" applications for the subject jurisdiction.

MAP NUMBER 42910C031 E

EFFECTIVE DATE: DECEMBER 19, 1996

Federal Emergency Management Agency

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify areas subject to flooding hazards from local drainage sources of small size, or all streambank features outside Special Flood Hazard Areas. The community map revisor should be consulted for possible updated flood hazard information prior to use of this map for property purchase or construction purposes.

Coastal base flood elevations apply only to landward of 0.7 National Geodetic Vertical Datum of 1929 (NGVD) and to take the effects of wave action these elevations may also differ significantly from those developed by the National Weather Service for hurricane evacuation planning.

Areas of special flood hazard: 100-year flood include Zones A, AE, AH, AO, A99, V, and VE.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. They always were based on hydraulic considerations with regard to requirements of the Federal Emergency Management Agency.

Floodway widths in some areas may be too narrow to show to scale. Floodway widths are provided in the F-10 Insurance Study Report.

Corporate limits shown on this map are based on the best data available. The user should contact appropriate community officials to verify the corporate limits designations shown on this map.

For community map revision history prior to countywide mapping see section 6.0 of the Flood Insurance Study Report.

For additional map panels see separately printed Map Index.

DIGITAL DATA AVAILABILITY: Digital files containing the schematic floodplain information shown on these maps are published by the Federal Emergency Management Agency in digital form on CD-ROM. Requests for data should include the full name of the community or county and the Flood Insurance Rate Map panel numbers covered by the request. Contact the Federal Emergency Management Agency Map Service Center, 6708 Santa Barbara Court, Baltimore, MD, and 21227-8632, Telephone: 1-800-368-9696.

NOTE: The coordinate system used for the production of this Flood Insurance Rate Map (FIRM) is Universal Transverse Mercator (UTM), North American Datum of 1927 (NAD27). UTM is a metric system. Corner coordinates shown on the FIRM are in latitude and longitude referenced to the Universal Transverse Mercator projection, NAD27. Differences in the datum and datum used in the production of FIRMs for adjacent counties may result in slight positional differences in map features at the county boundaries. These differences do not affect the accuracy of the information shown on the FIRM.

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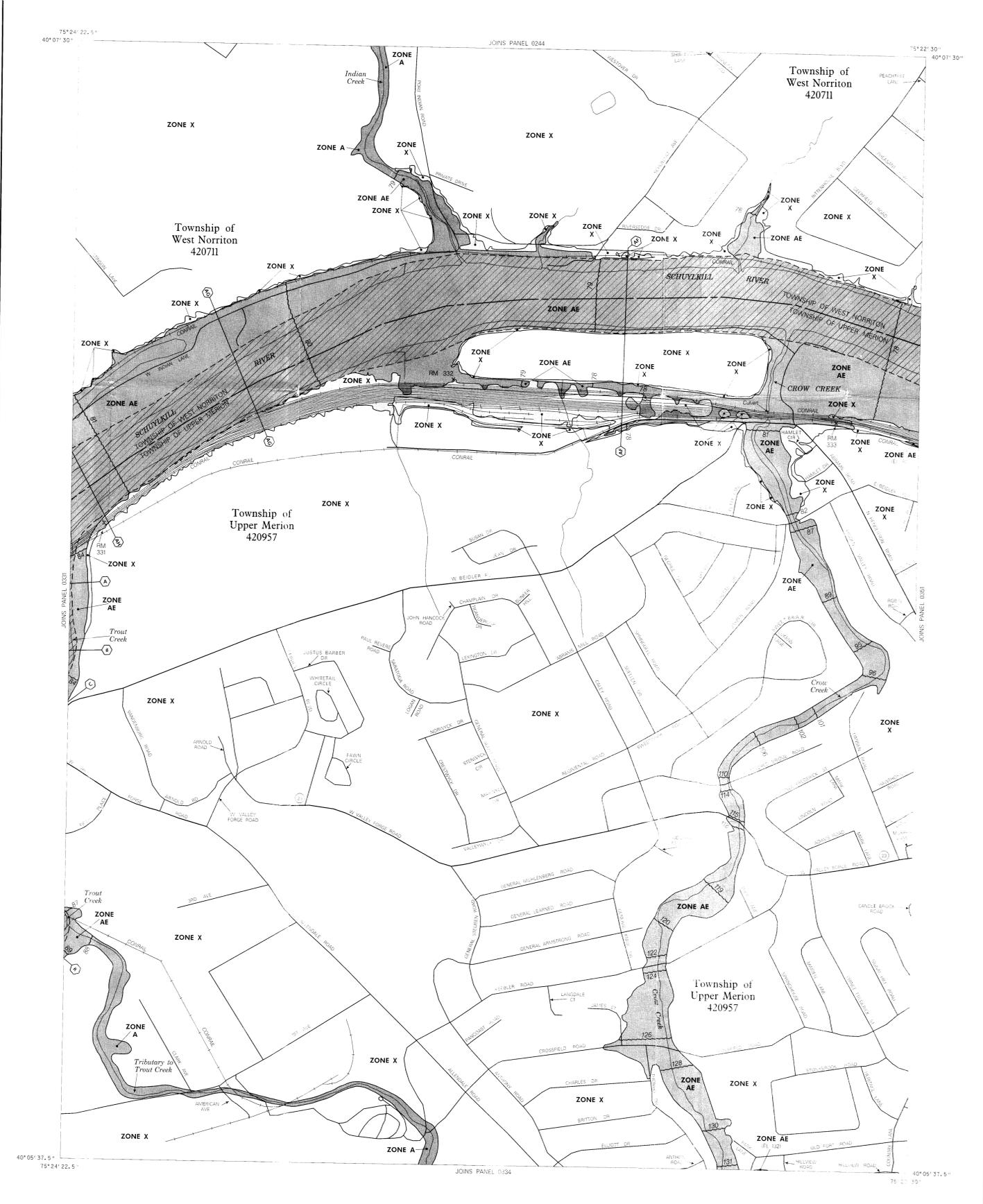
Vertical Network Branch, N. C. 3
National Geodetic Survey, NGS
Silver Spring Metro Center 3
145 East-West Highway
Silver Spring, Maryland 20910
(301) 713-3191

BASE MAP SOURCE: Planimetric base map files were provided by the Pennsylvania Department of Transportation (PennDOT). These files were compiled at a scale of 1:24,000 from USGS 7.5-Minute Series Topographic Maps. Users of this FIRM should be aware that minor adjustments may have been made to specific base map features. Therefore, the modified files used to create this base map are not PennDOT approved. PennDOT retains the master files. Additional base map information shown on this FIRM may have been derived from other sources.

ELEVATION REFERENCE MARKS

REFERENCE MARK	ELEVATION IN FT. (NGVD)	DESCRIPTION OF LOCATION
RM 331	84.36	Approximately 0.4 mile east along CORRAL, from station on Port Kennedy, or approximately 1.3 miles west along CORRAL, from east office building at Abram, set in top of northeast corner of concrete base for two westwells of two south west leg of signal gentry, approximately 25 feet south of south end of main line track, approximately 13 feet southeast of northeast end of sidetrack leading to east end property, approximately level with track.
RM 332	80.74	Approximately 0.5 mile west along CORRAL, from east office building at Abram, at approximately 3.8 miles east of second mile east of fractional milepost 18.30, approximately 37 feet north of track, approximately 28 feet north of south end of extreme north end of track, approximately 28 feet northeast of main line signal gentry, approximately 50 feet east of west end and 10 feet south of north end of east office building, approximately 0.4 feet south of main line signal gentry, approximately level with track, and set in top of concrete base approximately level with ground.
RM 333	78.47	At Abram, on CORRAL, on north side of east office building, 5 poles east of fractional milepost 18.10, approximately 13 feet south of south end of west end of main line track, approximately 14 feet east of more westerly of two north end leg of signal gentry, approximately 31 feet east of west end and 10 feet south of north end of east office building, approximately 0.4 feet south of main line signal gentry, approximately level with track, and set in top of concrete base approximately level with ground.

National Geodetic Vertical Datum of 1929



LEGEND

SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100-YEAR FLOOD

- ZONE A** No base flood elevations determined.
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- ZONE A99** To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations determined.
- ZONE V** Coastal flood with velocity hazard (wave action); base flood elevations determined.
- ZONE VE** Coastal flood with velocity hazard (wave action); base flood elevations determined.

FLOODWAY AREAS IN ZONE AE

OTHER FLOOD AREAS

- ZONE X** Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot, or with average areas less than 1 square mile, and areas protected by levees from 100-year flood.
- ZONE D** Areas in which flood hazards are undetermined.

UNDEVELOPED COASTAL BARRIERS*

- Identified 1990 or Later
- Identified 1990 or Later
- Coastline Protected Areas Identified 1990 or Later

* Coastal barrier areas are normally oriented parallel to Special Flood Hazard Areas.

BOUNDARIES

- Floodplain Boundaries
- Floodway Boundaries
- Zone D Boundaries
- Boundary Dividing Special Flood Hazard Zones and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones

BASE FLOOD ELEVATION LINE: ELEVATION IN FEET**

CROSS SECTION LINE

BASE FLOOD ELEVATION IN FEET WHERE UNIFORM WITHIN ZONE**

ELEVATION REFERENCE MARK

RIVER MILE

**Referenced to the National Geodetic Vertical Datum of 1929

MAP REPOSITORY

Refer to Repository Listing on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP

DECEMBER 19, 1998

EFFECTIVE DATES OF REVISIONS TO THIS PANEL

August 9, 1999 - to add base flood elevations, flood hazard areas, and floodway boundaries to areas of special flood hazard areas and zone designations to meet updated topographic information and to incorporate previously issued letters of map revision.

To determine if flood insurance is available in the community, contact your insurance agent or call the National Flood Insurance Program at (800) 638-6620.

APPROXIMATE SCALE

0 100 200 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

MONTGOMERY COUNTY, PENNSYLVANIA (ALL JURISDICTIONS)

PANEL 332 OF 451

USE MAP INDEX FOR PANELS NOT PRINTED

COUNTY	MAP NO.	DATE	STATUS
UPPER MERICAN	420957	1998	F
WEST MONTGOMERY	420711	1998	F

MAP NUMBER 420910332 F

MAP REVISED AUGUST 9, 1999

Federal Emergency Management Agency

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program; it does not necessarily identify areas subject to flooding particularly from local drainage sources of small size, or all planimetric features outside Special Flood Hazard Areas. The community map repository should be consulted for possible updated flood hazard information prior to use of the map for property purchase or construction purposes.

Coastal base flood elevations apply only to landward of 0.0' National Geodetic Vertical Datum of 1929 (NGVD), and include the effects of wave action. Wave elevations may also differ significantly from those developed by the National Weather Service for hurricane evacuation planning.

Areas of special flood hazard 100-year flood include Zones A, AE, AH, AO, A99, V and VE.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the Federal Emergency Management Agency.

Floodway widths in some areas may be too narrow to show to scale. Floodway widths are provided in the Flood Insurance Study Report.

Corporate limits shown on this map are based on the best data available. The user should contact appropriate community officials to verify the corporate limits shown on this map.

For community map revision history prior to countywide mapping, see section 6.0 of the Flood Insurance Study Report.

For adjoining map panels see separately printed Map Index.

DIGITAL DATA AVAILABILITY: Digital files containing the thematic floodplain information shown on these maps are published by the Federal Emergency Management Agency in DLE-1 (Optional format on CD-ROM) Request for data should include the full name of the community or county and the Flood Insurance Rate Map panel numbers covered by the request. Contact the Federal Emergency Management Agency, Map Service Center, 6730 Santa Barbara Court, Baltimore, MD, and 21227-8622. Telephone: 1-800-358-9070.

NOTE: The coordinate system used for the production of this Flood Insurance Rate Map (FIRM) is Universal Transverse Mercator (UTM), North American Datum of 1983 (NAD83). UTM is a planar coordinate system. Corner coordinates shown on the FIRM are in latitude and longitude referenced to the Universal Transverse Mercator projection NAD83. Differences in the datum and spheroid used in the production of FIRM for an entire county may result in slight positional differences in map features at the county boundaries. These differences do not affect the accuracy of the information shown on the map.

ATTENTION: Flood elevations on this map are referenced to the National Geodetic Vertical Datum of 1929. These flood elevations must be compared to structure and ground elevations referenced to the same datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, contact the National Geodetic Survey at the following address:

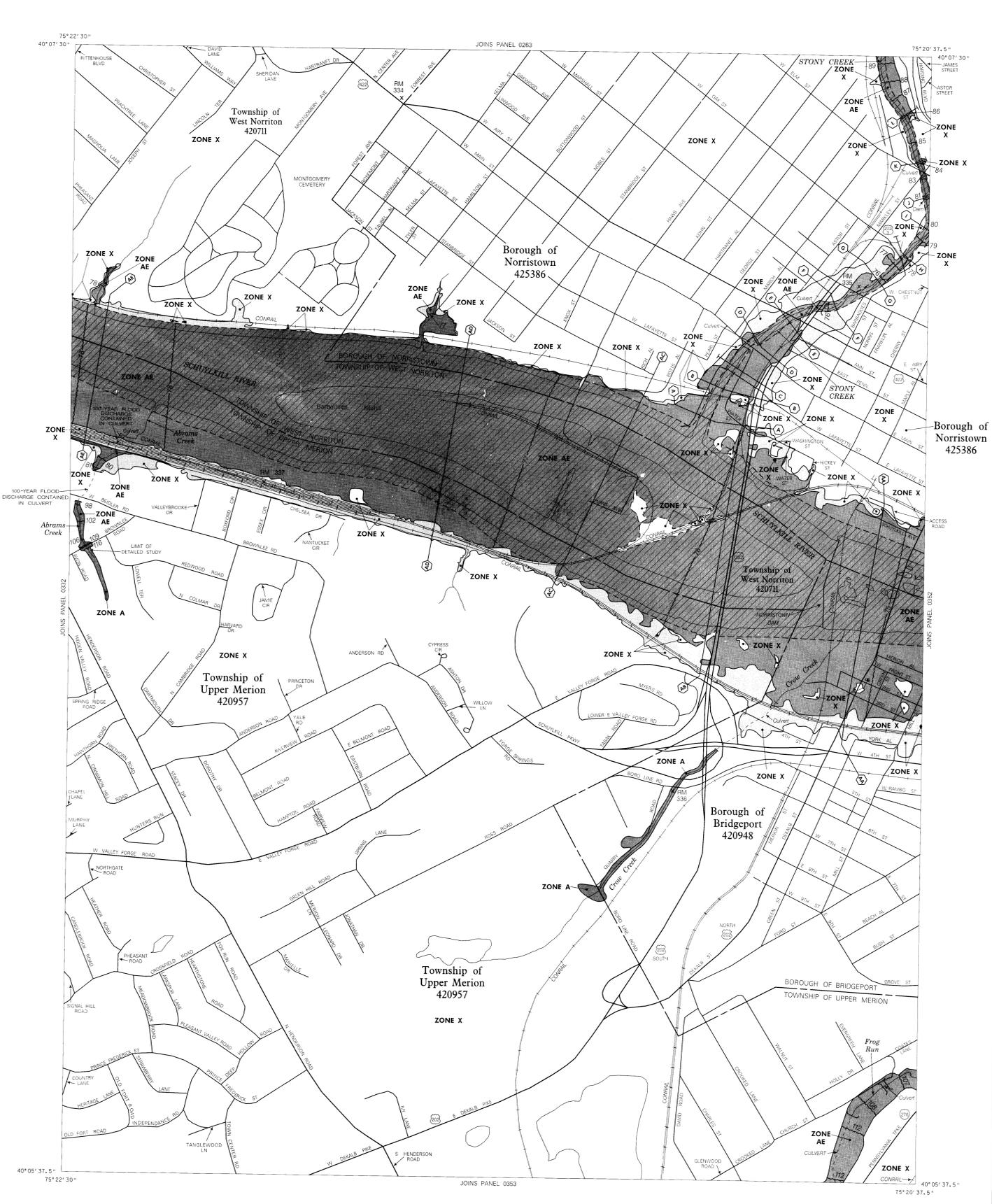
Vertical Network Branch, N.C.23
National Geodetic Survey, NGA
Silver Spring, Maryland 20910
1315 East-West Highway
Silver Spring, Maryland 20910
(301) 713-3191

BASE MAP SOURCE: Planimetric base map files were provided by the Pennsylvania Department of Transportation (PennDOT). These files were compiled at a scale of 1:24,000 from USGS 7.5-Minute Series Topographic Maps. Users of this FIRM should be aware that minor adjustments may have been made to specific base map features. Therefore the modified files used to create this base map are not PennDOT approved. PennDOT retains the master files. Additional base map information shown on this FIRM may have been derived from other sources.

ELEVATION REFERENCE MARKS

REFERENCE MARK	ELEVATION IN FT. (NGVD)	DESCRIPTION OF LOCATION
RM 334	185.38	Standard tablet stamped 10 1008 1947 185 in Jeffersonville approximately 75 feet north and 25 feet west of intersection of S. Rte. 422 and Forest Avenue approximately 25 feet south of village 11000 sign in concrete post.
RM 335	76.55	Square set in top of southeast stone masonry retaining wall upstream of Marshall Street bridge over Stony Creek.
RM 336	80.65	Top of concrete of concrete headwall of rectangular concrete culvert 111.3 feet by 3.4 feet over Crow Creek approximately 10 feet south of Ross Road.
RM 337	78.79	Approximately 0.45 mile east along COMAL from east office building at Abram, approximately 1.15 miles west along COMAL from station at Norristown, approximately 0.45 mile west of Norristown Junction between Three Buildings No. 1851, south and across tracks from fractional aliquot number 3820 set in top of west end of south concrete headwall of concrete culvert, approximately 10 feet south of south rail of south set of main line tracks, approximately 3.5 feet south of south rail of extreme south set of tracks, approximately 1 foot below level of main tracks, and approximately 1 foot below level of sidewalk.

National Geodetic Vertical Datum of 1929



LEGEND

SPECIAL FLOOD HAZARD AREAS INUNDED BY 100-YEAR FLOOD

- ZONE A** No base flood elevations determined.
- ZONE AE** Base flood elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet usually areas of ponding; base flood elevations determined.
- ZONE AD** Flood depths of 1 to 3 feet usually sheet flow on sloping terrain; average depths determined for areas of alluvial fan flooding; velocities also determined.
- ZONE A99** To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations determined.
- ZONE V** Coastal flood with velocity hazard (wave action); no base flood elevations determined.
- ZONE VE** Coastal flood with velocity hazard (wave action); base flood elevations determined.

FLOODWAY AREAS IN ZONE AE

OTHER FLOOD AREAS

- ZONE X** Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.

OTHER AREAS

- ZONE X** Areas determined to be outside 500-year flood.
- ZONE D** Areas in which flood hazards are undetermined.

UNDEVELOPED COASTAL BARRIERS*

- Identified 1993
- Identified 1990 or Later
- Observed Protected Areas Identified 1990 or Later

*Coastal barrier areas are normally located within or adjacent to Special Flood Hazard Areas.

BOUNDARIES

- Floodplain Boundary
- Floodway Boundary
- Zone D Boundary
- Boundary Dividing Special Flood Hazard Zones and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones.

BASE FLOOD ELEVATION LINE: ELEVATION IN FEET**

CROSS SECTION LINE
Base Flood Elevation in Feet Where Uniform Within Zone**

ELEVATION REFERENCE MARK

- IEL 0827
- RM7 X
- MI15
- River Mile

**Referenced to the National Geodetic Vertical Datum of 1929

MAP REPOSITORY
Refer to Repository Listing on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
DECEMBER 19, 1999

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
August 9, 1999 to add base flood elevations, special flood hazard areas, and roads and flood names to change special flood hazard areas and zone designations to reflect updated topographic information and to incorporate previously issued letters of map revision.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at (800) 638-6620.

APPROXIMATE SCALE
0 500 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP
MONTGOMERY COUNTY, PENNSYLVANIA (ALL JURISDICTIONS)

PANEL 351 OF 451

SEE MAP INDEX FOR PANELS NOT PRINTED:

COMMUNITY	NUMBER	PANEL	SUFFIX
BRIDGEPORT BOROUGH OF	420948	1201	F
NORRISTOWN BOROUGH OF	420388	1201	F
UPPER MERION TOWNSHIP OF	420957	1201	F
WEST NORRISTOWN TOWNSHIP OF	420711	1201	F

MAP NUMBER 4209100351 F
MAP REVISED AUGUST 9, 1999

Federal Emergency Management Agency