

NOTES TO USERS

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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 National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was State Plane New Jersey FIPS 2900. The **horizontal datum** was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

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NGS Information Services
NOAA, N/NGS12
National Geodetic Survey
SSM-C-3, #9292
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

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74°33'45" 475000 FT

JOINS PANEL 0166 480000 FT

74°31'52.5" 40°16'52.5"



Township of Robbinsville 340255

40°15'00" 74°33'45"

38°00' E

JOINS PANEL 0256

39°00' E

74°31'52.5" 40°15'00"

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance 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 AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE A99** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE
The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

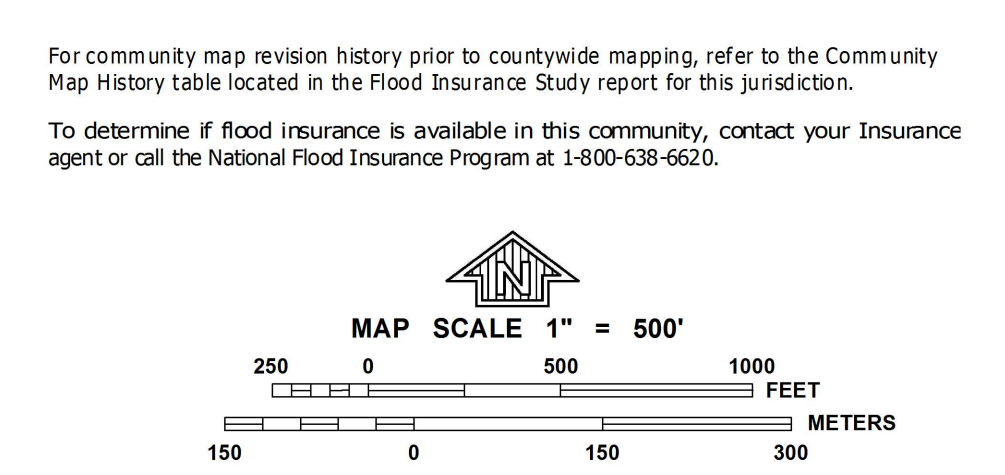
OTHER FLOOD AREAS
ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS
ZONE X Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS
OTHERWISE PROTECTED AREAS (OPAs)

- CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
- 1% annual chance floodplain boundary
- New Jersey Flood Hazard Area Design Flood (NJFHADF)
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- Limit of Moderate Wave Action
- Base Flood Elevation line and value; elevation in feet* (EL 987)
- Base Flood Elevation value where uniform within zone; elevation in feet*

- * Referenced to the North American Vertical Datum of 1988
- Cross section line
- Transsect line
- 87°07'45", 32°22'30"
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
- 1000-meter Universal Transverse Mercator grid values, zone 18N
- 5000-foot grid values: New Jersey State Plane coordinate system (FIPSZONE 2900), Transverse Mercator projection
- Bench mark (see explanation in Notes to Users section of this FIRM panel)
- M1.5 River Mile
- MAP REPOSITORIES
- Refer to listing of Map Repositories on Map Index
- EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
- EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0168F

FIRM
FLOOD INSURANCE RATE MAP

MERCER COUNTY,
NEW JERSEY
(ALL JURISDICTIONS)

PANEL 168 OF 276
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
EAST WINDSOR, TOWNSHIP	340244	0168	F
HIGHTSTOWN BOROUGH OF	340247	0168	F
ROBBINSVILLE, TOWNSHIP	340255	0168	F

PRELIMINARY
MAY 30, 2013

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
34021C0168F

EFFECTIVE DATE

Federal Emergency Management Agency

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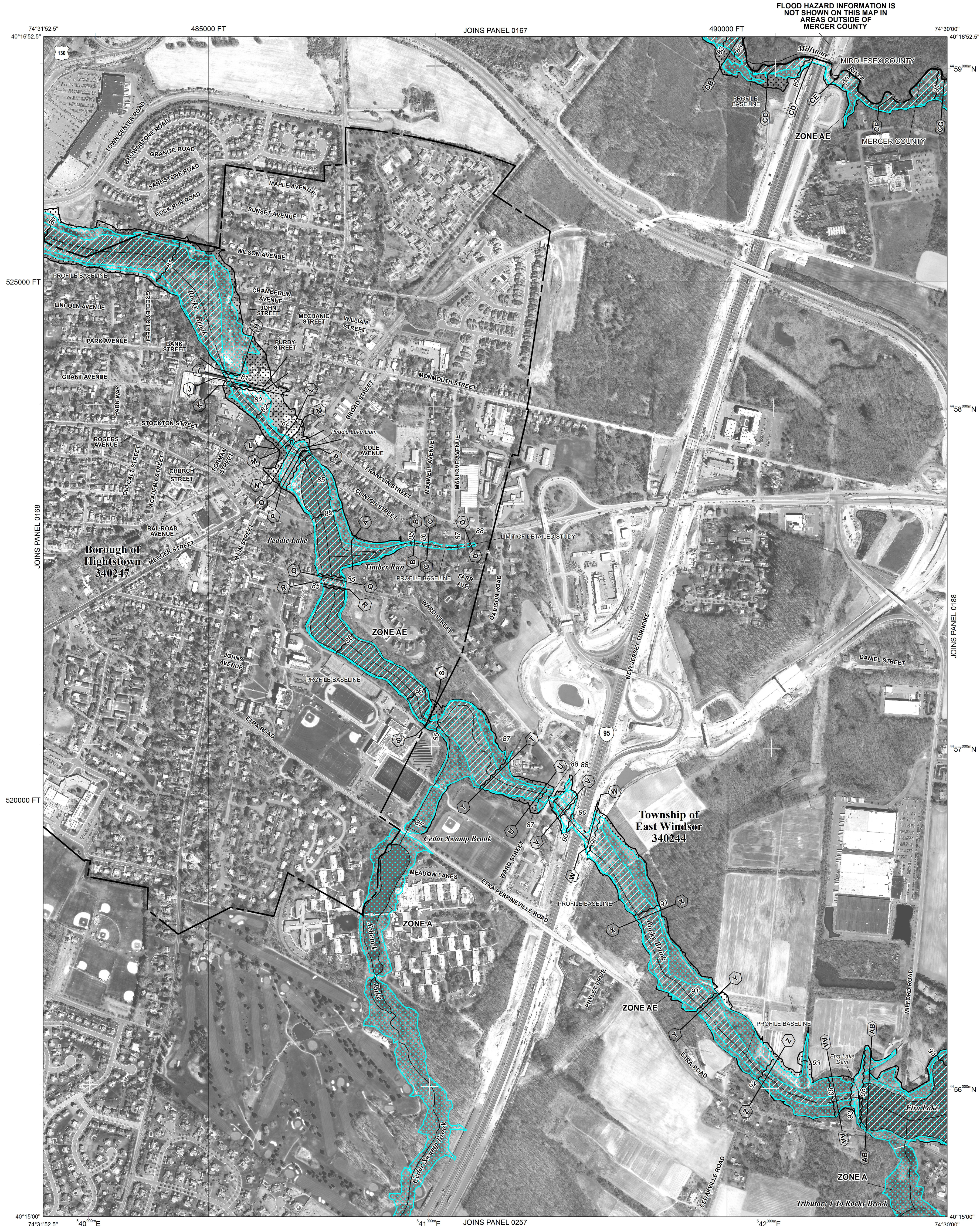
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FLOOD HAZARD INFORMATION IS NOT SHOWN ON THIS MAP IN AREAS OUTSIDE OF MERCER COUNTY

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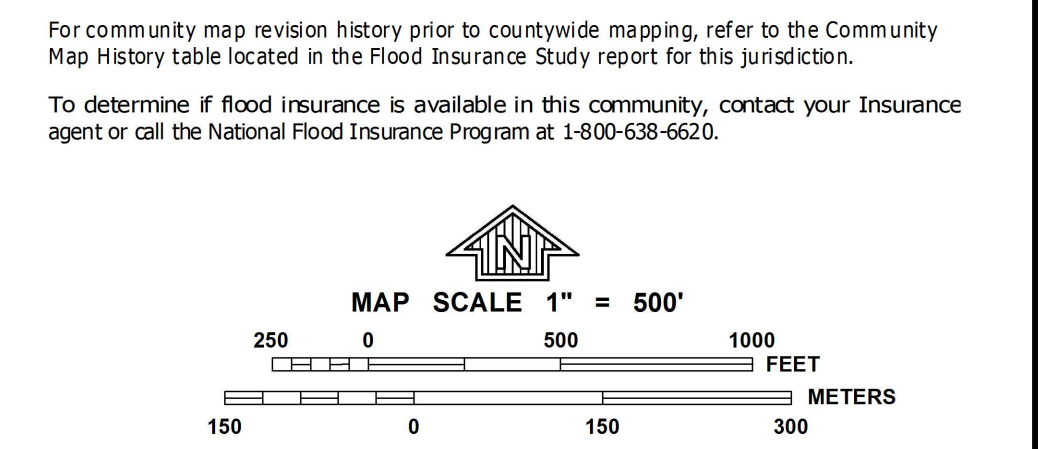
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- Bench mark (see explanation in Notes to Users section of this FIRM panel)
- DX5510 x
- M1.5 River Mile
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NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0169F

FIRM
FLOOD INSURANCE RATE MAP

MERCER COUNTY, NEW JERSEY (ALL JURISDICTIONS)

PANEL 169 OF 276
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

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HIGHTSTOWN, BOROUGH OF	340247	0169	F

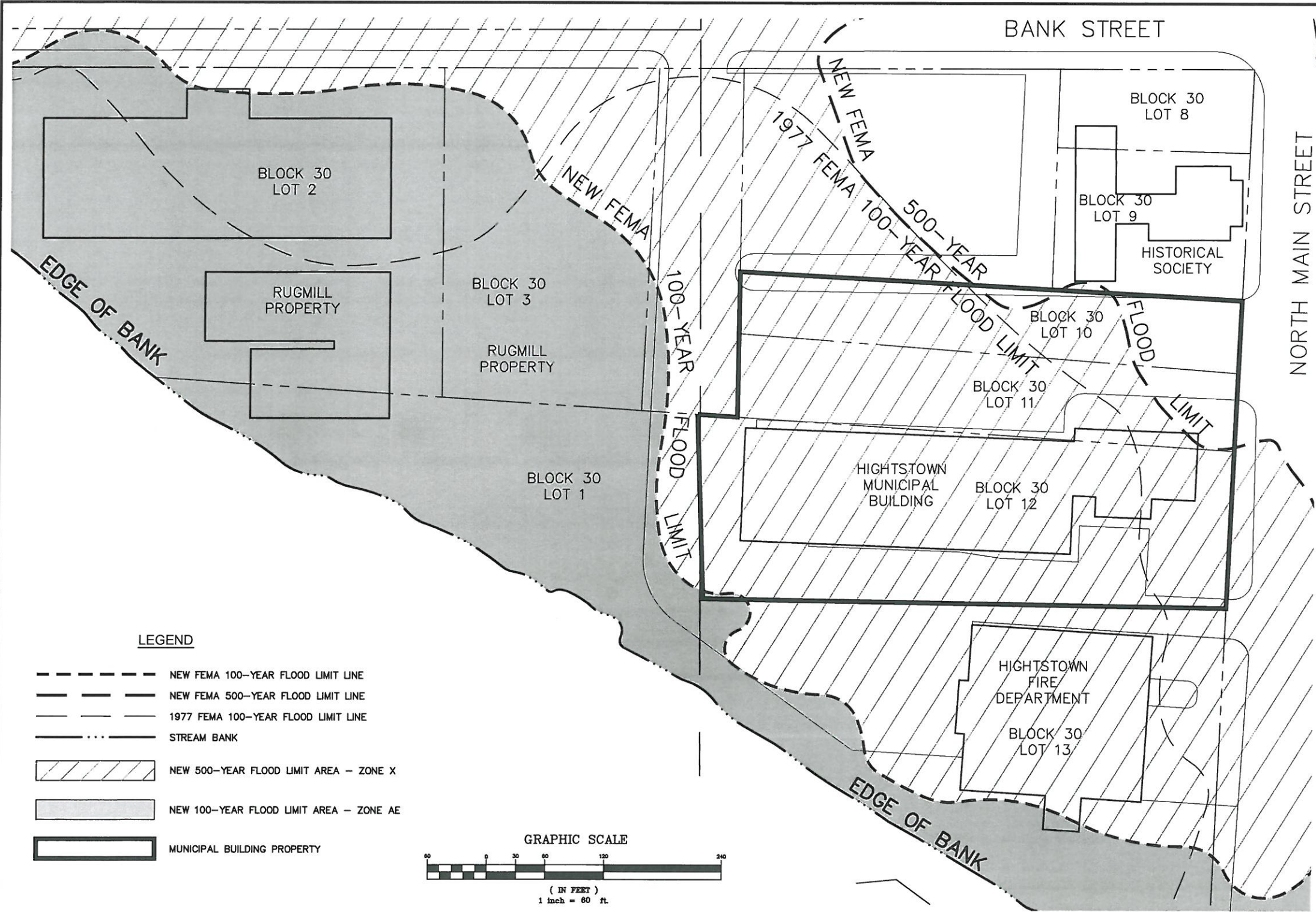
PRELIMINARY
MAY 30, 2013

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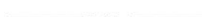



MAP NUMBER
34021C0169F

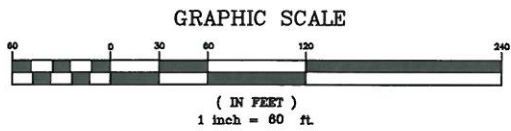
EFFECTIVE DATE

Federal Emergency Management Agency



LEGEND

-  NEW FEMA 100-YEAR FLOOD LIMIT LINE
-  NEW FEMA 500-YEAR FLOOD LIMIT LINE
-  1977 FEMA 100-YEAR FLOOD LIMIT LINE
-  STREAM BANK
-  NEW 500-YEAR FLOOD LIMIT AREA - ZONE X
-  NEW 100-YEAR FLOOD LIMIT AREA - ZONE AE
-  MUNICIPAL BUILDING PROPERTY



FILE: H1505 & H1506
DATE: 6/26/13
SCALE: 1"=60'
SHEET
1 OF 1

FLOOD LIMIT ANALYSIS

HIGHTSTOWN BOROUGH MUNICIPAL BUILDING
BOROUGH OF HIGHTSTOWN,
Mercer County, New Jersey

Carmel Roberts
CARMELA ROBERTS, P.E.
LICENSED PROFESSIONAL ENGINEER
STATE OF NEW JERSEY LIC. NO. 34419
IF THIS DOCUMENT DOES NOT CONTAIN A PAVED IMPRESSION
OF THE PROFESSIONAL, IT IS NOT AN ORIGINAL

Roberts
ENGINEERING GROUP LLC
1670 Whitehorse-Hamilton Square Rd.
Hamilton, New Jersey 08690
609-586-1141 Fax 609-586-1143
www.RobertsEngineeringGroup.com

CERTIFICATE OF AUTHORIZATION: 24-GA-2819100