



**LEGEND**

**SPECIAL FLOOD HAZARD AREAS (SFHA) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**  
 The 1% annual chance flood (100 year flood), known as the base flood, is the flood that has a 1% chance of being equal 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, AD, 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.  
 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 AR**  
 Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently abandoned. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood. Areas to be protected from the 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.

**ZONE A99**  
 Areas to be protected from the 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 the 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.

**0.2% Annual Chance Floodplain Boundary**  
 Floodway boundary  
 Zone D boundary  
 CBRS and OPA boundary  
 Boundary dividing Special Flood Hazard Area Zones and boundary enclosing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities.  
 Base Flood Elevation line and value; elevation in feet  
 Base Flood Elevation value where uniform within zone; elevation in feet  
 (EL 98.7)

**Referenced to the North American Vertical Datum of 1988**

**A** **A**  
 Cross section line

**D**  
 Traverset line

**D**  
 Culvert

**R**  
 Bridge

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere

498000 M 1000-meter ticks; Massachusetts State Plane Meters Zone (EPS: Zone 5003) Lambert Conformal conic projection  
 1000-meter Universal Transverse Mercator grid values, zone 50N (GMT)

EX5510 X  
 Bench mark (see explanation in Notes to Users section of this FIRB panel)

MAP REPOSITORIES  
 Refer to Map Repositories list on Map Index

**EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP**  
 July 17, 2012

**EFFECTIVE DATE(S) OF REVISIONS TO THIS PANEL**

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for the jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-438-6620.

**MAP SCALE 1" = 500'**

250 0 500 1000  
 100 0 150 300  
 FEET  
 METERS

**NFP**

**NATIONAL FLOOD INSURANCE PROGRAM**

**PANEL 0553J**

**FIRM**

**FLOOD INSURANCE RATE MAP**

**PLYMOUTH COUNTY, MASSACHUSETTS (ALL JURISDICTIONS)**

**PANEL 553 OF 650**  
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

**CONTAINS:**

COMMUNITY	SUBMER	PANEL	SUFFIX
MATTAPOISETT		255214	J
TOWN OF ROCHESTER, TOWN OF		250280	0553 J

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**  
 25023C0553J

**EFFECTIVE DATE**  
 JULY 17, 2012

Federal Emergency Management Agency