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71° 01' 52.5"
42° 26' 15"
239000 M
240000 M
241000 M
71° 00' 00"
42° 26' 15"
909000 M
908000 M
907000 M
42° 24' 22.5"
71° 01' 52.5"
71° 00' 00"
42° 24' 22.5"
4700000mN
4699000mN
4698000mN
4697000mN
333000mE
334000mE
335000mE
ZONE AE
(EL 9)
JOINS PANEL 0009
ZONE VE
(EL 10)
ZONE AE
(EL 10)
ZONE AE
(EL 8)
ZONE AE
(EL 11)
ZONE AE
(EL 12)
ZONE AE
(EL 7)
ZONE AE
(EL 10)
ZONE A
ZONE A
FLOOD HAZARD INFORMATION IS NOT SHOWN ON THIS MAP IN AREAS OUTSIDE OF SUFFOLK COUNTY
LIMIT OF MODERATE WAVE ACTION
FLOODING EFFECTS FROM BROAD SOUND
FLOODING EFFECTS FROM MILL CREEK
LIMIT OF STUDY
CITY OF REVERE
250288
CITY OF CHELSEA
250287
JOINS PANEL 0019
JOINS PANEL 0016
JOINS PANEL 0036
Pines River
Belle Isle Inlet
Diamond Creek
Fenno Hill Reservoir
BIKE TO THE SEA
LYNN STREET
LAWRENCE ST
SHERMAN STREET
BURAN ROAD
BROOKDALE STREET
MARBLE ST
LARAWAY STREET
BRENTON STREET
MARGINAL STREET
STEVENS STREET
GROVER STREET
HEMENWAY STREET
HEALY STREET
AUGUSTUS STREET
SEGUINE STREET
BERES ROAD
SKYVIEW ROAD
CHARGER STREET
WARD STREET
QUINCY STREET
MCCOBB ST
MESSENGER STREET
NAPLES ROAD
ABBRUZZI STREET
CREMONA ROAD
MANUEL ST
HUTCHINSON STREET
SYLVAN AVENUE
BREED STREET
ROSE STREET
FOLSOM STREET
PRINCE STREET
BUSSEY STREET
MALDEN STREET
LISBON STREET
HALLMAN STREET
SULLIVAN STREET
DAVIS STREET
STOCKTON TERRACE
PARK AVENUE
FISKE STREET
GOLF COURT
REVERE STREET
AMBROSE ST
NORTH STREET
EASTERN AVENUE
CARLTON AVENUE
ROBERT ROAD
CUMMINGS AVENUE
MCGRATH HIGHWAY
BELGRADE AVENUE
MOUNTAIN AVENUE E
TREVALLEY ROAD
WHITMORE ROAD
EVERETT STREET
UPHAM STREET
BELL CIRCLE
JOHN MOONEY ROAD
ASTA AVENUE
OLIVEA AVENUE
MILANO AVENUE
PALMERA AVENUE
TRIGONE ROAD
AMERICA PLACE
TUSCANY AVENUE
ROLAND ROAD
CECILIAN AVENUE
RANDALL ROAD
GILMAR ROAD
ANN ROAD
GORE ROAD
RUMNEY ROAD
LANTERN ROAD
NELL ROAD
FESTA ROAD
CAMILLE ROAD
MARYANN ROAD
JOE MAIO
JOHNNY ROAD
JOSEPH ROAD
VENICE ROAD
CUSHING AVENUE
MAIN STREET
SARGENT STREET
FORKWOOD LANE
CARMEN LANE
JOSEPH'S STREET
SAVAGE STREET
MORETT STREET
LINCOLN STREET
AMES STREET
MOUNTAIN AVENUE
PROSPECT AVENUE
HOWARD STREET
PARK AVENUE
MCKEEVER STREET
OXFORD STREET
AUBURN STREET
WARREN STREET
ARNOLD STREET
DALE STREET
VALE STREET
RESERVOIR AVENUE
HY SIL AVENUE
COLUMBUS STREET
PALMER COURT
ANNESE ROAD
NORMANDY ROAD
PRINGVALE AVENUE
COOK AVENUE
BELL STREET
EXETER ST
GARFIELD AVENUE
BURMA ROAD
SAIPAN ROAD
SUMNER AVENUE
CARLTON STREET
ADAMS COURT
ADAMS STREET
BLANEY COURT
BLANEY STREET
CONSTITUTION AVENUE
COLLEGE STREET
GLOVER DRIVE
BURNETT ROAD
FERNCROFT ROAD
CARLTON AVENUE
CADLE AVENUE
CADLE ROAD
CARLTON STREET
JOSEPH MORALES STREET
FENNO AVENUE
ALLEN AVENUE
SOLARI AVENUE
CUSHMAN AVENUE
CUSHMAN TERRACE
HIGH STREET
ADAMS STREET
ARLMONT ROAD
COLA TOP DRIVE
LUKEMAS STREET
KARLEY AVENUE
ELMWOOD AVENUE
MCGRATH HIGHWAY
MCGEE STREET
ELM STREET
ELMWOOD STREET
FERNWOOD AVENUE
FENWAY ROAD
SPRAGUE AVENUE
SILVER STREET
CENTRAL AVENUE
ELMER TERRACE
SPRAGUE STREET
GOLF AVENUE
ANNHILL AVENUE
THURLOW STREET
FOSTER STREET
EUSTIS STREET
BURKE STREET
LOUISE TERRACE
PLEASANT STREET
NORMAN STREET
LEWIS STREET
ISLAND STREET
ELLIS STREET
CHESTNUT STREET
CAMBRIDGE STREET
SOUTH CAMBRIDGE STREET
SOUTH GENESEE STREET
SOUTH GILFORD STREET
SOUTH MARGINAL STREET
SOUTH ADDISON STREET
SOUTH INMAN STREET
SOUTH HANCOCK STREET
SOUTH GENESEE STREET
SOUTH GILFORD STREET
SOUTH MARGINAL STREET
SOUTH ADDISON STREET
SOUTH INMAN STREET
SOUTH HANCOCK STREET
BROADWAY
HANCOCK STREET
ADDISON STREET
INMAN STREET
MARGINAL STREET
GENESEE STREET
GILFORD STREET
BROADWAY
HANCOCK STREET
ADDISON STREET
INMAN STREET
MARGINAL STREET
GENESEE STREET
GILFORD STREET
CHELSEA STREET
BELLINGHAM STREET
BELLINGHAM STREET
BROADWAY
BROADWAY
FRANKLIN AVENUE
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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 Areas 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
- 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
- Limit of Moderate Wave Action coincident with Zone Break
- 513 — 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

- A — A — Cross section line
- 23 — 23 — Transect line
- Culvert
- Bridge
- 45° 02' 08", 93° 02' 12" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere
- 4989000 M — 1000-meter grid: Massachusetts State Plane Mainland Zone (FIPS Zone 2001), Lambert Conformal Conic projection
- 4896000 N — 1000-meter Universal Transverse Mercator tick values, zone 19N
- DX5510 × — Bench mark (see explanation in Notes to Users section of this FIRM panel)

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
September 25, 2009

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
March 16, 2016 - to change Base Flood Elevations and Special Flood Hazard Areas, to change zone designations, to update the effects of wave action, to update corporate limits, to add roads and road names, to incorporate previously issued Letters of Map Revision and to modify Coastal Barrier Resource System units.

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

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'
250 0 500 1000 FEET
150 0 150 300 METERS

NFIP NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0018J

FIRM

FLOOD INSURANCE RATE MAP

SUFFOLK COUNTY, MASSACHUSETTS (ALL JURISDICTIONS)

PANEL 18 OF 176
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
BOSTON, CITY OF	250286	0018	J
CHELSEA, CITY OF	250287	0018	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 25025C0018J

MAP REVISED MARCH 16, 2016

Federal Emergency Management Agency

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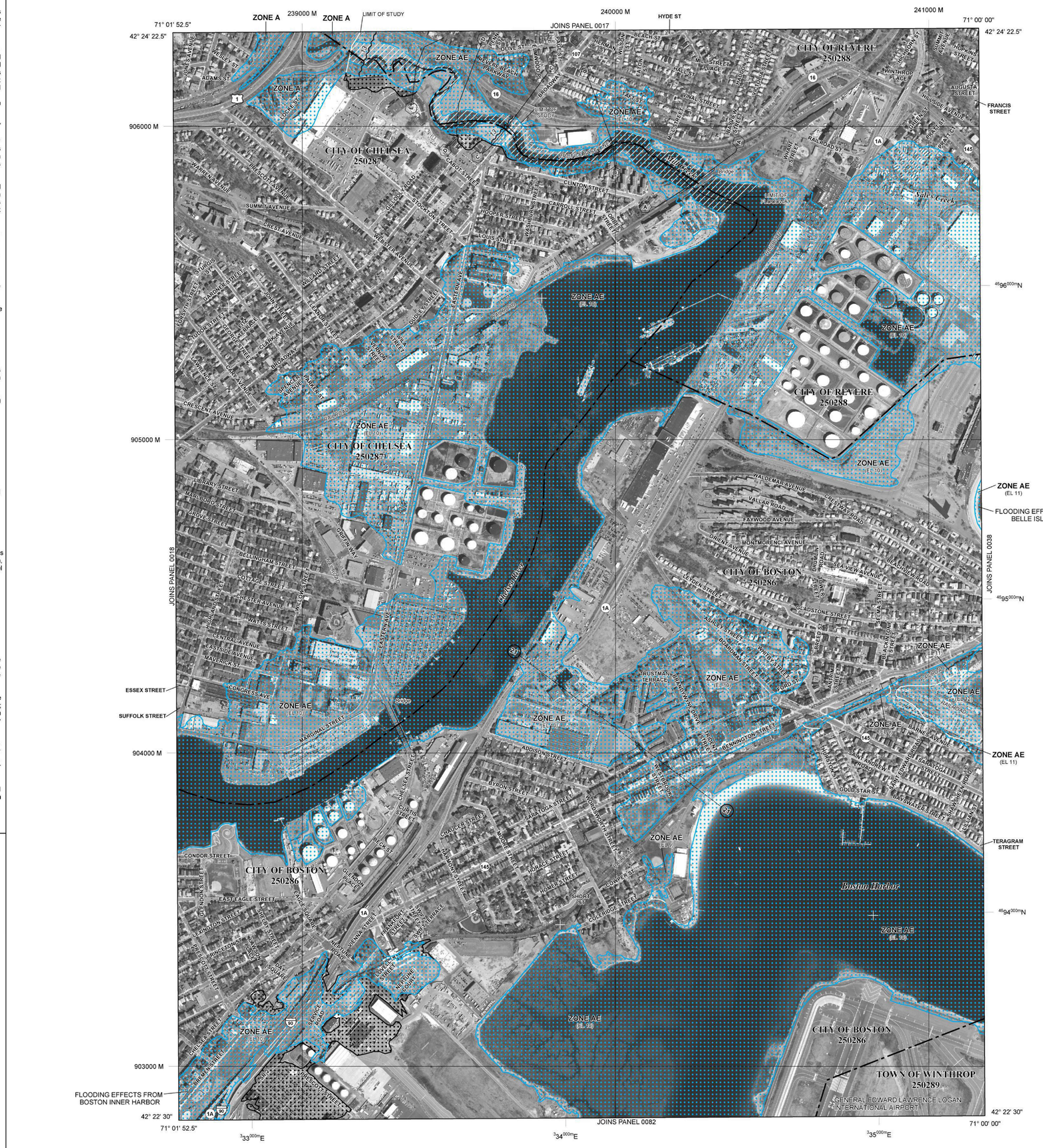
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The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

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
- 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
- Limit of Moderate Wave Action coincident with Zone Break
- 513 — 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

- A — A — Cross section line
- 23 — 23 — Transect line
- Culvert
- Bridge
- 45° 02' 08", 93° 02' 12" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere
- 4989000 M — 1000-meter grid: Massachusetts State Plane Mainland Zone (FIPS Zone 2001), Lambert Conformal Conic projection
- 4689000mN — 1000-meter Universal Transverse Mercator tick values, zone 19N
- DX5510 × — Bench mark (see explanation in Notes to Users section of this FIRM panel)

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
September 25, 2009

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
March 16, 2016 - to change Base Flood Elevations and Special Flood Hazard Areas, to change zone designations, to update the effects of wave action, to update corporate limits, to add roads and road names, to incorporate previously issued Letters of Map Revision and to modify Coastal Barrier Resource System units.

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

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'
250 0 500 1000 FEET
150 0 150 300 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0019J

FIRM

FLOOD INSURANCE RATE MAP

SUFFOLK COUNTY, MASSACHUSETTS (ALL JURISDICTIONS)

PANEL 19 OF 176
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
BOSTON, CITY OF	250286	0019	J
CHELSEA, CITY OF	250287	0019	J
REVERE, CITY OF	250288	0019	J
WINTHROP, TOWN OF	250289	0019	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
25025C0019J
MAP REVISED
MARCH 16, 2016

Federal Emergency Management Agency