



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	Town of Duxbury Plymouth County Massachusetts	NO PROJECT	COASTAL ANALYSIS UPDATED TOPOGRAPHIC DATA
	COMMUNITY NO.: 250263		
IDENTIFIER	LOMR Application for Towns of Duxbury and Marshfield, Plymouth County, MA FIRMs Effective Nov. 4, 2016	APPROXIMATE LATITUDE AND LONGITUDE: 42.060, -70.659 SOURCE: Precision Mapping Streets DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 25023C0233K DATE: November 4, 2016 TYPE: FIRM* NO.: 25023C0234K DATE: November 4, 2016 TYPE: FIRM* NO.: 25023C0241K DATE: November 4, 2016 TYPE: FIRM* NO.: 25023C0242K DATE: November 4, 2016 TYPE: FIRM* NO.: 25023C0243K DATE: November 4, 2016		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: November 04, 2016 TRANSECT DATA TABLE: 14 TRANSECT DESCRIPTION TABLE: 13	

Enclosures reflect changes to flooding sources affected by this revision.

* FIRM - Flood Insurance Rate Map

FLOODING SOURCE AND REVISED REACH

See Page 2 for Additional Flooding Sources

Atlantic Ocean via Cape Cod Bay, Duxbury Bay, Duck Hill River, Green Harbor, Pine Point River - along the coastline of Atlantic Ocean via Cape Cod Bay and Duxbury Bay including the tidal areas of Green Harbor, Duck Hill River and Pine Point River

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Atlantic Ocean via Cape Cod Bay, Duxbury Bay, Duck Hill River, Green Harbor, Pine Point River	Zone AE	Zone AE	NONE	YES
	Zone AE	Zone AO	NONE**	NONE**
	BFEs*	BFEs	YES	YES
	Zone VE	Zone AE	YES	YES

* BFEs - Base Flood Elevations; ** Special Flood Hazard Area (SFHA) zone designations modified without a boundary change

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional information about the NFIP is available on our website at <https://www.fema.gov/national-flood-insurance-program>.

Patrick "Rick" F. Sacibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

OTHER FLOODING SOURCES AFFECTED BY THIS REVISION

FLOODING SOURCES AND REVISED REACHES

Atlantic Ocean via Cape Cod Bay, Duxbury Bay, Duck Hill River, Green Harbor, Pine Point River - along the coastline of Atlantic Ocean via Cape Cod Bay and Duxbury Bay including the tidal areas of Green Harbor, Duck Hill River and Pine Point River

Atlantic Ocean via Duxbury Bay and Eagles Nest Bay - along the coastline of Atlantic Ocean via Duxbury Bay including the tidal areas of Eagles Nest Bay

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Atlantic Ocean via Cape Cod Bay, Duxbury Bay, Duck Hill River, Green Harbor, Pine Point River	Zone AO	Zone AE	NONE**	NONE**
	Depths	BFES	YES	NONE
	BFES	Depths	NONE	YES
Atlantic Ocean via Duxbury Bay and Eagles Nest Bay	BFES	BFES	NONE	YES
	Zone VE	Zone AE	NONE	YES
	Zone AE	Zone AE	NONE	NONE

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/national-flood-insurance-program>.

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Washington, D.C. 20472

**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

OTHER COMMUNITIES AFFECTED BY THIS REVISION

CID Number: 250273 **Name:** Town of Marshfield, Massachusetts

AFFECTED MAP PANELS

TYPE: FIRM*	NO.: 25023C0233K	DATE: November 4, 2016
TYPE: FIRM*	NO.: 25023C0234K	DATE: November 4, 2016
TYPE: FIRM*	NO.: 25023C0241K	DATE: November 4, 2016

AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT

DATE OF EFFECTIVE FLOOD INSURANCE STUDY: November 4, 2016
TRANSECT DATA TABLE: 14
TRANSECT DESCRIPTION TABLE: 13

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/national-flood-insurance-program>.

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LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance stillwater elevations computed in the FIS for your community. A comprehensive restudy of your community's flood hazards could establish greater flood hazards in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State/Commonwealth law have been obtained. State/Commonwealth or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Mr. Dean Savramis
Director, Mitigation Division
Federal Emergency Management Agency, Region I
99 High Street, Sixth Floor
Boston, MA 02110
(617) 832-4761

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/national-flood-insurance-program>.

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LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

STATUS OF THE COMMUNITY NFIP MAPS

We are processing a revised FIRM and FIS report for Plymouth County in our countywide format; therefore, we will not physically revise and republish the FIRM and FIS report for your community to incorporate the modifications made by this LOMR at this time. Preliminary copies of the countywide FIRM and FIS report, which present information from the effective FIRMs and FIS reports for your community and other incorporated communities in Plymouth County, were submitted to your community for review on April 18, 2018. We will either incorporate the modifications made by this LOMR into the preliminary FIRM and FIS report before they become effective or reissue the LOMR on the new FIRM and FIS report.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/national-flood-insurance-program>.

A handwritten signature in black ink, appearing to read "Rick F. Sacbibit".

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration



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LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

A notice of changes will be published in the *Federal Register*. This information also will be published in your local newspaper on or about the dates listed below, and through FEMA's Flood Hazard Mapping website at https://www.floodmaps.fema.gov/fhm/bfe_status/bfe_main.asp

LOCAL NEWSPAPER

Name: *Patriot Ledger*

Dates: September 5, 2019 and September 12, 2019

Within 90 days of the second publication in the local newspaper, any interested party may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. Therefore, this letter will be effective only after the 90-day appeal period has elapsed and we have resolved any appeals that we receive during this appeal period. Until this LOMR is effective, the revised flood hazard determination presented in this LOMR may be changed.

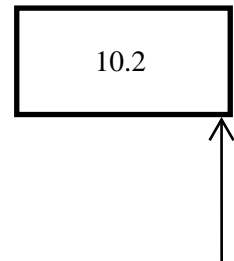
This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/national-flood-insurance-program>.

A handwritten signature in black ink, appearing to read "Rick F. Sacibit".

Patrick "Rick" F. Sacibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

TABLE 13 – REVISED TRANSECT DESCRIPTIONS – continued

<u>TRANSECT</u>	<u>LOCATION</u>	<u>ELEVATION (feet NAVD 88²)</u>	
		<u>1-PERCENT- ANNUAL- CHANCE STILLWATER</u>	<u>MAXIMUM 1- PERCENT ANNUAL CHANCE WAVE CREST¹</u>
64	The transect is located at the shoreline of Massachusetts Bay, in the Town of Marshfield, from South Street to Jersey Street	9.5	21.8
65	The transect is located at the shoreline of Massachusetts Bay, in the Town of Marshfield, from Jersey Street to Wave Street	9.5	23.6
66	The transect is located at the shoreline of Massachusetts Bay, in the Town of Marshfield, from Wave Street to the A street/Water Street intersection	9.5	23.5
67	The transect is located at the shoreline of Massachusetts Bay, in the Town of Marshfield, at the mouth of the Green Harbor River, from the A Street/Water Street intersection to approximately 400 feet southeast of the Bay Avenue/Beach Street intersection	9.5	20.9
68	The transect is located at the shoreline of Massachusetts Bay, in the Town of Marshfield, from approximately 400 feet southeast of the Bay Avenue/Beach Street intersection to the Bay Avenue/Plymouth Avenue intersection in the Town of Duxbury	9.5	22.9
69	The transect is located at the shoreline of Duxbury Bay, in the Town of Marshfield, from Canal Street to Seaflower Lane	9.5	10.2



¹Because of map scale limitations, the maximum wave elevation may not be shown on the FIRM.

²North American Vertical Datum of 1988

REVISED
DATA

TABLE 13 – REVISED TRANSECT DESCRIPTIONS – continued

TRANSECT	LOCATION	ELEVATION (feet NAVD 88 ²)	
		1-PERCENT-ANNUAL-CHANCE STILLWATER	MAXIMUM 1-PERCENT ANNUAL CHANCE WAVE CREST ¹
70	The transect is located at the shoreline of Duxbury Bay, in the Town of Marshfield, from Seaflower Lane to approximately 900 feet north of the Abrams Hill Road/River Lane intersection	9.5	10.9
71	The transect is located at the shoreline of Massachusetts Bay, in the Town of Duxbury, from the Bay Avenue/Plymouth Avenue intersection to approximately 300 feet south of the Ocean Road S/ E Pine Road intersection	8.7	17.2
72	The transect is located at the shoreline of Duxbury Bay, in the Town of Duxbury from approximately 900 feet north of the Abrams Hill Road/River Lane intersection to Bay Pond Road	9.5	10.2
73	The transect is located at the shoreline of Massachusetts Bay, in the Town of Duxbury, from approximately 300 feet south of the Ocean Road S/ E Pine Road intersection to the Powder Point Bridge	8.7	12.6
74	The transect is located at the shoreline of Massachusetts Bay, in the Town of Duxbury, from the Powder Point Bridge to approximately 6500 feet southeast of the Powder Point Bridge	9.5	21.3
75	The transect is located at the shoreline of Massachusetts Bay, in the Town of Duxbury, from approximately 6500 feet southeast of the Powder Point Bridge to the boundary of the Town of Plymouth	9.5	21.2

REVISED
DATA

¹Because of map scale limitations, the maximum wave elevation may not be shown on the FIRM.

²North American Vertical Datum of 1988

TABLE 14 – REVISED TRANSECT DATA - continued

TRANSECT	STILLWATER ELEVATIONS (FEET NAVD88 ³)					TOTAL WATER LEVEL ¹	BASE FLOOD ELEVATION (FEET NAVD 88 ^{2,3})	
	10- PERCENT- ANNUAL CHANCE	2- PERCENT- ANNUAL- CHANCE	1- PERCENT- ANNUAL- CHANCE	0.2- PERCENT- ANNUAL- CHANCE	1- PERCENT- ANNUAL- CHANCE	ZONE		
68	8.3	9.1	9.5	10.6	15.3	AE VE	16 17	
69	8.3	9.1	9.5	10.3	9.5	AE	10-11	←
70	8.3	9.1	9.5	10.3	9.6	AE	10-11	
71	8.3	9.1	8.7	10.3	10.5	AO AE VE	3 10-11 17	←
72	8.3	9.1	9.5	10.3	9.6	AE VE	11 12	
73	8.3	9.1	8.7	10.3	11.0	AE VE	11 17	
74	8.3	9.1	9.5	10.3	13.8	AE VE	16 16	
75	8.3	9.1	9.5	10.3	13.8	AE VE	15-16 16-17	
76	8.3	9.1	9.5	10.3	14.9	AE VE	15 17	
77	8.3	9.1	9.5	10.3	15.3	VE	18	
78	8.3	9.1	9.5	10.3	13.1	AE VE	14 15	

REVISED
DATA

¹Including stillwater elevation and effects of wave setup.

²Due to map scale limitations, base flood elevations shown on the FIRM represent average elevations for the zones depicted.

³North American Vertical Datum of 1988

**REVISED TO
REFLECT LOMR
EFFECTIVE: January 10, 2020**

TABLE 14 – REVISED TRANSECT DATA - continued

TRANSECT	STILLWATER ELEVATIONS (FEET NAVD88 ³)					TOTAL WATER LEVEL ¹	ZONE	BASE FLOOD ELEVATION (FEET NAVD 88 ^{2,3})
	10- PERCENT- ANNUAL CHANCE	2- PERCENT- ANNUAL- CHANCE	1- PERCENT- ANNUAL- CHANCE	0.2- PERCENT- ANNUAL- CHANCE	1- PERCENT- ANNUAL- CHANCE			
79	8.3	9.1	9.5	10.3	13.3	AE VE	14 15	
80	8.3	9.1	9.5	10.3	13.8	AE VE	16 16	
81	8.3	9.1	9.5	10.3	10.5	AE VE	11 12-15	← REVISED DATA
82	8.3	9.1	9.5	10.3	10.9	VE	12	
83	8.3	9.1	9.5	10.3	9.6	AE VE	10 12	
84	8.3	9.1	9.5	10.3	9.6	AE VE	10-11 12	
85	8.3	9.1	9.5	10.3	9.6	AE VE	10 12	
86	8.3	9.1	9.5	10.3	9.6	AE VE	10 12	
87	8.3	9.1	9.5	10.3	10.3	VE	12	
88	8.3	9.1	9.5	10.3	9.8	AE VE	10 12	
89	8.3	9.1	9.5	10.3	10.1	VE	15	

¹Including stillwater elevation and effects of wave setup.

²Due to map scale limitations, base flood elevations shown on the FIRM represent average elevations for the zones depicted.

³North American Vertical Datum of 1988

**REVISED TO
REFLECT LOMR
EFFECTIVE: January 10, 2020**

TABLE 14 – REVISED TRANSECT DATA - continued

TRANSECT	STILLWATER ELEVATIONS (FEET NAVD88 ³)					TOTAL WATER LEVEL ¹	BASE FLOOD ELEVATION (FEET NAVD 88 ^{2,3})	
	10- PERCENT- ANNUAL CHANCE	2- PERCENT- ANNUAL- CHANCE	1- PERCENT- ANNUAL- CHANCE	0.2- PERCENT- ANNUAL- CHANCE	1- PERCENT- ANNUAL- CHANCE		ZONE	
90	8.3	9.1	9.5	10.3	9.8		AE	13
							VE	12-17
91	8.3	9.1	9.5	10.3	9.9		AE	11
							VE	12
92	8.3	9.1	9.5	10.3	9.8		AE	11
							VE	12
93	8.3	9.1	9.5	10.3	11.5		AE	11-13
							VE	12-14
94	8.3	9.1	9.5	10.3	10.1		AE	10
							VE	14
95	8.3	9.1	9.5	10.3	10.6		AE	12
							VE	13-17
96	8.3	9.1	9.5	10.3	11.0		AE	10
							VE	13-17
97	8.3	9.1	9.5	10.3	11.3		AE	10
							VE	13
98	8.3	9.1	9.5	10.3	10.2		VE	15
99	8.3	9.1	9.5	10.3	10.0		AE	11
							VE	12-15
100	8.3	9.1	9.5	10.3	10.0		AE	11
							VE	12-15

REVISED
DATA

¹Including stillwater elevation and effects of wave setup.

²Due to map scale limitations, base flood elevations shown on the FIRM represent average elevations for the zones depicted.

³North American Vertical Datum of 1988

Note: LiMWA information shown on this map panel outside of the revised area reflects LiMWA delineations updated by LOMR 16-01-2154P, effective September 8, 2017.

OTHER FEATURES

Limit of Moderate Wave Action coincident with Zone Break

Limit of Moderate Wave Action

SPECIAL FLOOD HAZARD AREAS

Without Base Flood Elevation (BFE)
Zone A,V, A99

With BFE or Depth Zone AE, AO, AH, VE, AR

Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X

Future Conditions 1% Annual Chance Flood Hazard Zone X

Area with Reduced Flood Risk due to Levee See Notes. Zone X

SCALE

NOTE: BASEMAP IMAGERY DATED 2016 WAS OBTAINED FROM USGS.

Map Projection:
NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet;
Western Hemisphere; Vertical Datum: NAVD 88

1 inch = 500 feet

1:6,000

02505001,000

Feet

075150300

Meters

FEMA

National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

PLYMOUTH COUNTY,
MASSACHUSETTS

(All Jurisdictions)

PANEL 233 OF 650

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
DUXBURY, TOWN OF	250263	0233	K
MARSHFIELD, TOWN OF	250273	0233	K

REVISED TO REFLECT LOMR

EFFECTIVE: January 10, 2020

VERSION NUMBER

2.1.3.0

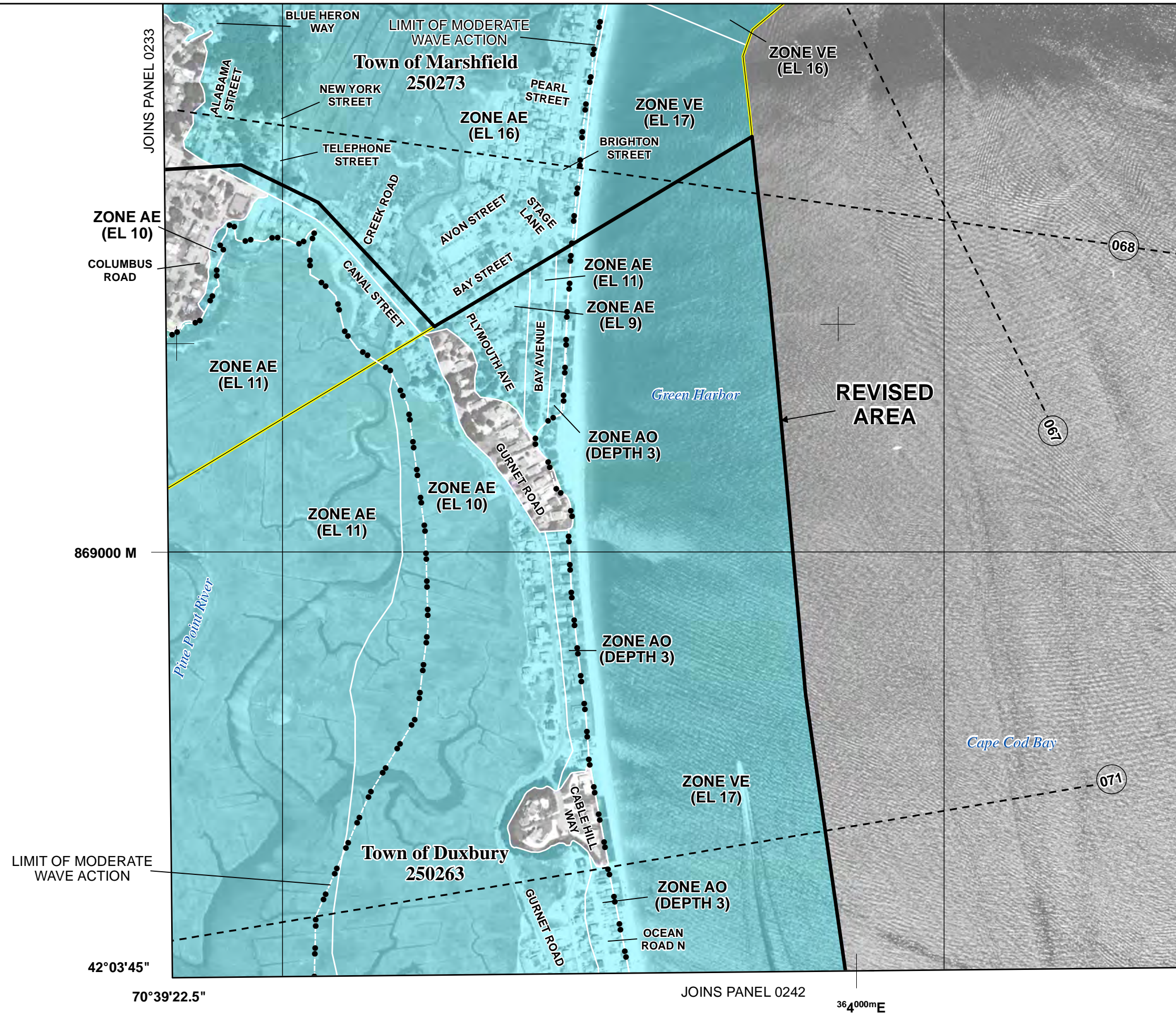
MAP NUMBER

25023C0233K

MAP REVISED

NOVEMBER 4, 2016

This map panel displays flood insurance rate information for the Town of Marshfield (250273) and the Town of Duxbury (250263) in Plymouth County, Massachusetts. The map features several flood zones, including Zone AE (EL 10) and Zone AE (EL 11), which are shaded in light blue. A prominent black line indicates the 'LIMIT OF MODERATE WAVE ACTION'. A yellow line runs diagonally across the lower right portion of the map. The map includes numerous roads, such as Old Farm Road, Gotham Hill Drive, Webster Street, Atina Road, Perry Way, Chamarral Circle, Seaflower Lane, Olde Wharf Way, Colby Hewitt Lane, Duck Hill Lane, Delano Circle, Atwell Circle, Barna Road, Ice House Lane, Linden Avenue, Elmhurst Avenue, Canal Street, Idaho Street, and Bay Point Path. The Pine Point River is shown flowing through the area. The map is overlaid with a grid showing coordinates: 361°000mE, 362°000mE, 46°59°000mN, and 42°03'45". The map is labeled 'REVISED AREA' and 'JOINS PANEL 0241' and 'JOINS PANEL 0234'.



Note: LiMWA information shown on this map panel outside of the revised area reflects LiMWA delineations updated by LOMR 16-01-2154P, effective September 8, 2017.

OTHER FEATURES

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

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes. Zone X

SCALE

NOTE: BASEMAP IMAGERY DATED 2016 WAS OBTAINED FROM USGS.

Map Projection:
NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet;
Western Hemisphere; Vertical Datum: NAVD 88

1 inch = 500 feet 1:6,000

0 250 500 1,000 Feet
0 75 150 300 Meters

FEMA
National Flood Insurance Program
FLOOD INSURANCE RATE MAP

PLYMOUTH COUNTY, MASSACHUSETTS
(All Jurisdictions)

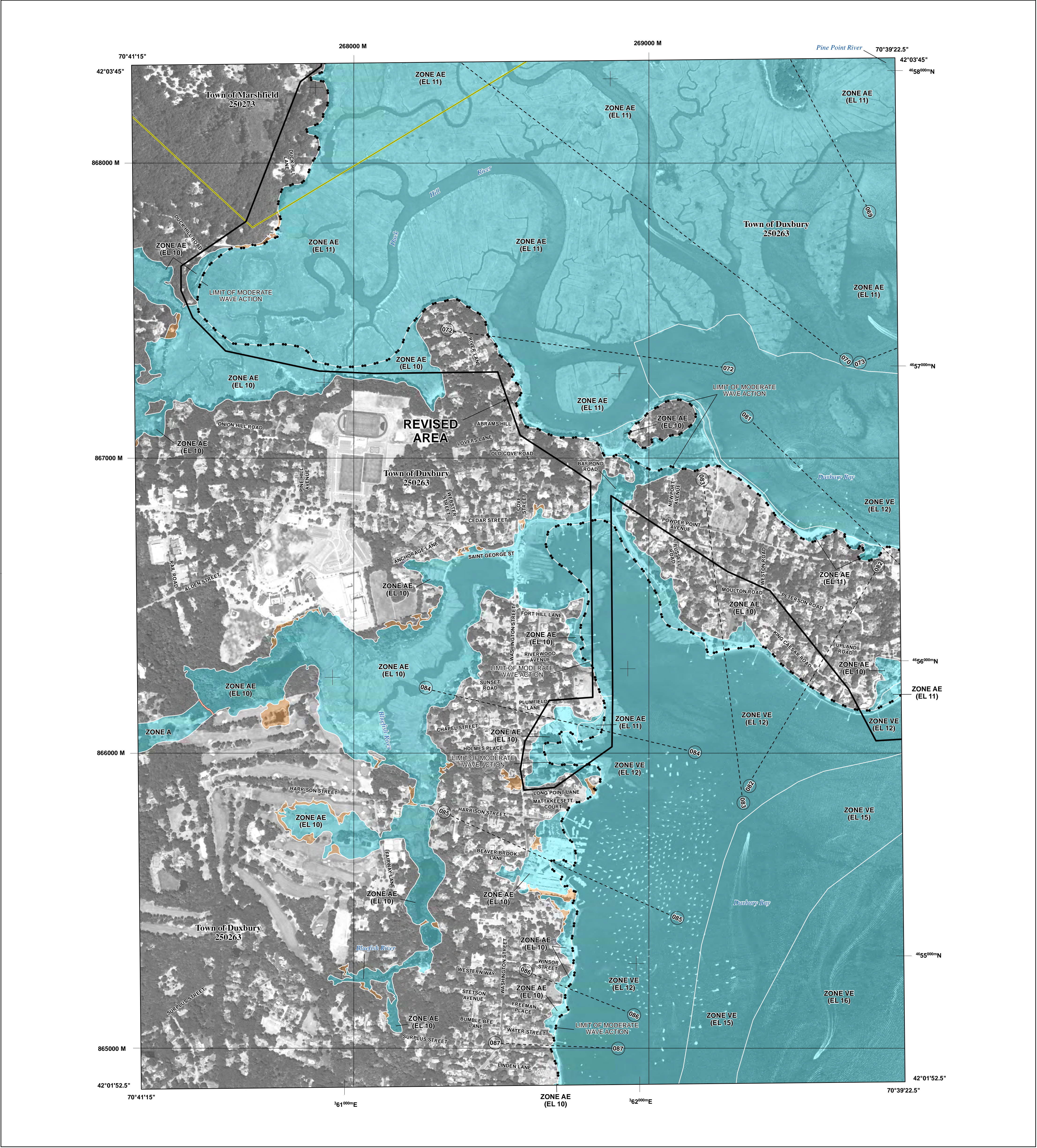
PANEL 234 OF 650

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
DUXBURY, TOWN OF	250263	0234	K
MARSHFIELD, TOWN OF	250273	0234	K

REVISED TO REFLECT LOMR EFFECTIVE: January 10, 2020

VERSION NUMBER
2.1.3.0
MAP NUMBER
25023C0234K
MAP REVISED
NOVEMBER 4, 2016



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING
DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
[HTTPS://MSC.FEMA.GOV](https://MSC.FEMA.GOV)

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A,V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
OTHER AREAS OF FLOOD HAZARD		Regulatory Floodway
		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
OTHER AREAS		Area with Reduced Flood Risk due to Levee See Notes. Zone X
		NO SCREEN Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
		Coastal Transect
		Profile Baseline
		Hydrographic Feature
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary

NOTES TO USERS

For information and questions about this Flood Insurance Rate Map (FIRM), available products associated with this FIRM, including historic versions, the current map date for each FIRM panel, how to order products, or the National Flood Insurance Program (NFIP) in general, please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Flood Map Service Center website at <http://msc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website.

Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Flood Map Service Center at the number listed above.

For community and countywide map dates refer to the Flood Insurance Study report for this jurisdiction.

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

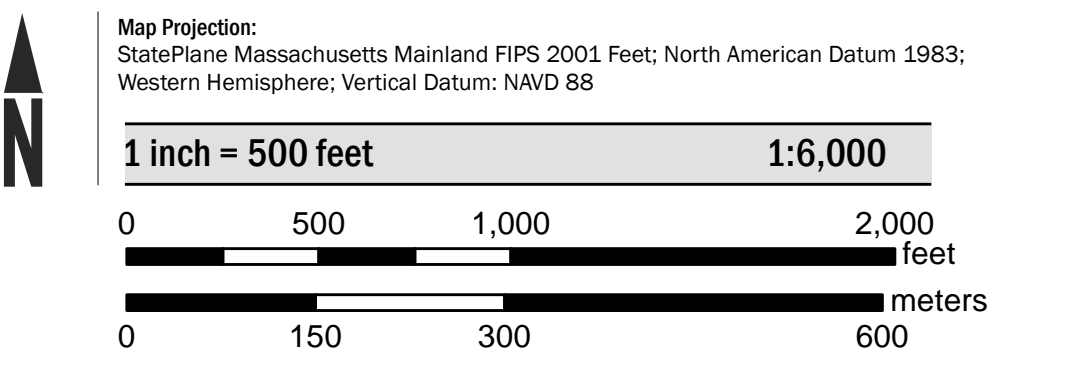
Base map information shown on this FIRM was derived from digital orthophotography. Base map files were provided in digital form by Massachusetts Geographic Information Systems (MassGIS). Ortho imagery was produced at a scale of 1:5,000. Aerial photography is dated April 2005

NOTE: BASEMAP IMAGERY WAS OBTAINED FROM USGS IN 2016.

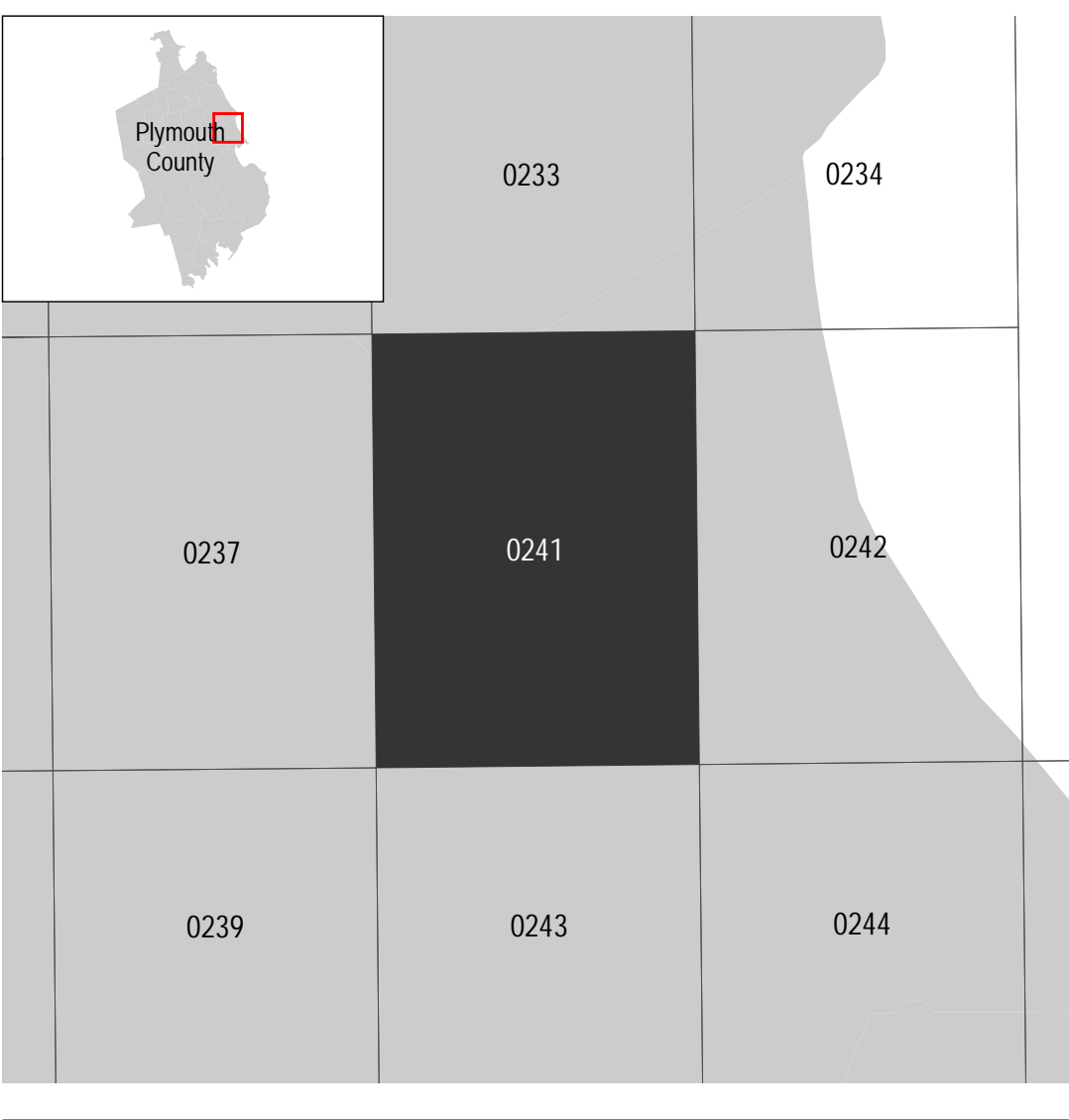
Note: LIMWA information shown on this map panel outside of the revised area reflects LIMWA delineations updated by LOMR 16-01-2154P, effective September 8, 2017.

	Limit of Moderate Wave Action coincident with Zone Break
	Limit of Moderate Wave Action (LIMWA)

SCALE



PANEL LOCATOR



National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

PLYMOUTH COUNTY, MASSACHUSETTS
(All Jurisdictions)

PANEL 241 of 650

Panel Contains:

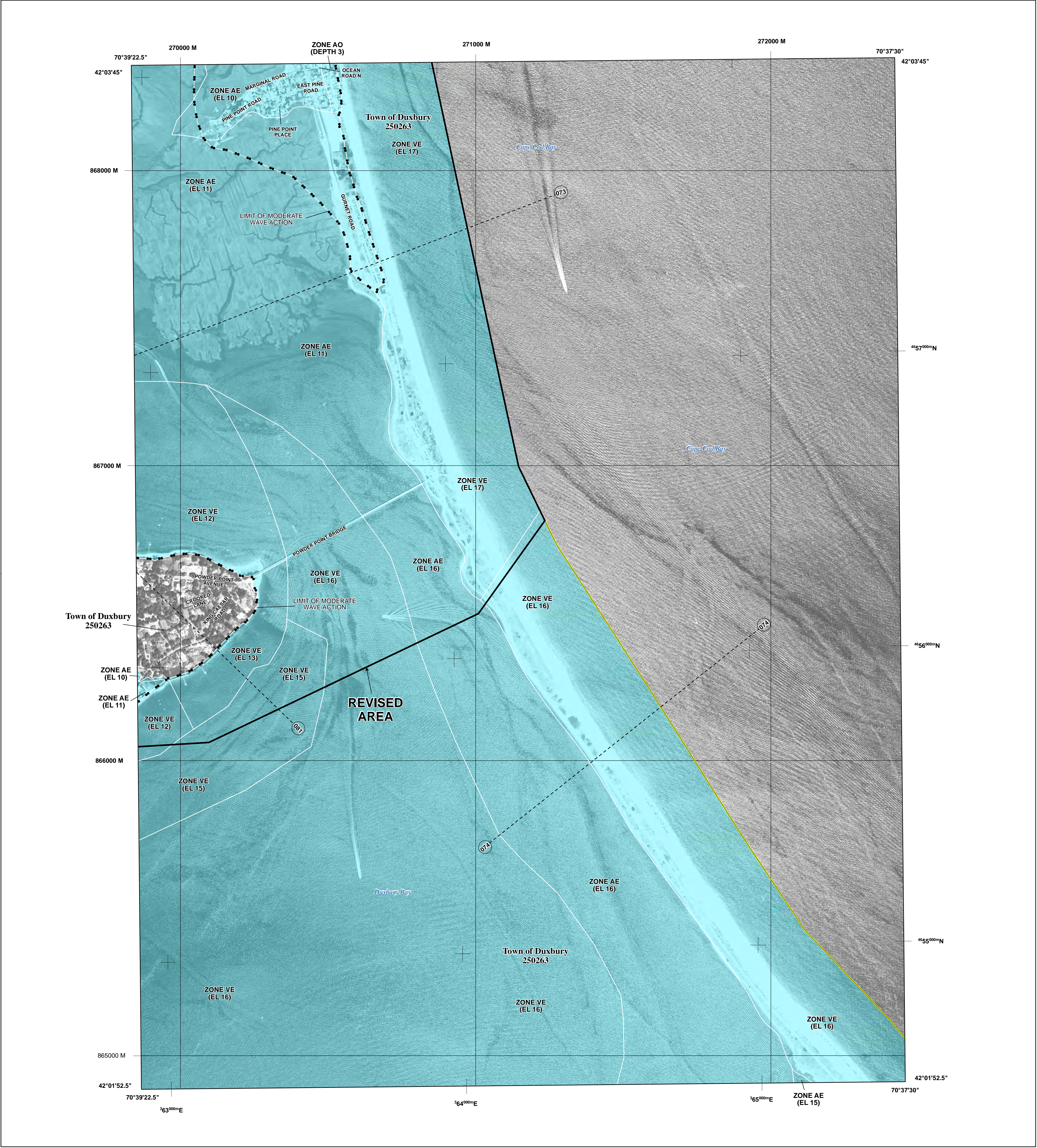
COMMUNITY	NUMBER	PANEL	SUFFIX
DUXBURY, TOWN OF	250263	0241	K
MARSHFIELD, TOWN OF	250273	0241	K

REVISED TO REFLECT LOMR
EFFECTIVE: January 10, 2020

VERSION NUMBER
2.1.3.0

MAP NUMBER
25023C0241K

MAP REVISED
NOVEMBER 4, 2016



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT HTTP://MSC.FEMA.GOV	
SPECIAL FLOOD HAZARD AREAS	Without Base Flood Elevation (BFE) Zone A, V, A99
	With BFE or Depth Zone AE, AO, AH, VE, AR
OTHER AREAS OF FLOOD HAZARD	Regulatory Floodway
	0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
	Future Conditions 1% Annual Chance Flood Hazard Zone X
	Area with Reduced Flood Risk due to Levee See Notes. Zone X
OTHER AREAS	NO SCREEN Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
	Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES	Channel, Culvert, or Storm Sewer
	Levee, Dike, or Floodwall
OTHER FEATURES	Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
	Coastal Transect
	Coastal Transect Baseline
	Profile Baseline
	Hydrographic Feature
	Base Flood Elevation Line (BFE)
	Limit of Study
	Jurisdiction Boundary

NOTES TO USERS

For information and questions about this Flood Insurance Rate Map (FIRM), available products associated with this FIRM, including historic versions, the current map date for each FIRM panel, how to order products, or the National Flood Insurance Program (NFIP) in general, please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Flood Map Service Center website at <http://msc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website.

Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Flood Map Service Center at the number listed above.

For community and countywide map dates refer to the Flood Insurance Study report for this jurisdiction.

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

Base map information shown on this FIRM was derived from digital orthophotography. Base map files were provided in digital form by Massachusetts Geographic Information Systems (MassGIS). Ortho imagery was produced at a scale of 1:5,000. Aerial photography is dated April 2005

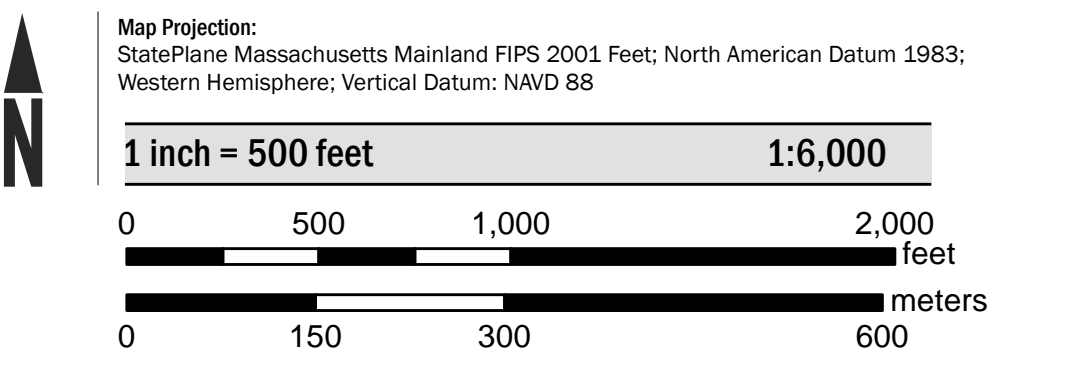
NOTE: BASEMAP IMAGERY WAS OBTAINED FROM USGS IN 2016.

Note: LIMWA information shown on this map panel outside of the revised area reflects LIMWA delineations updated by LOMR 16-01-2154P, effective September 8, 2017.

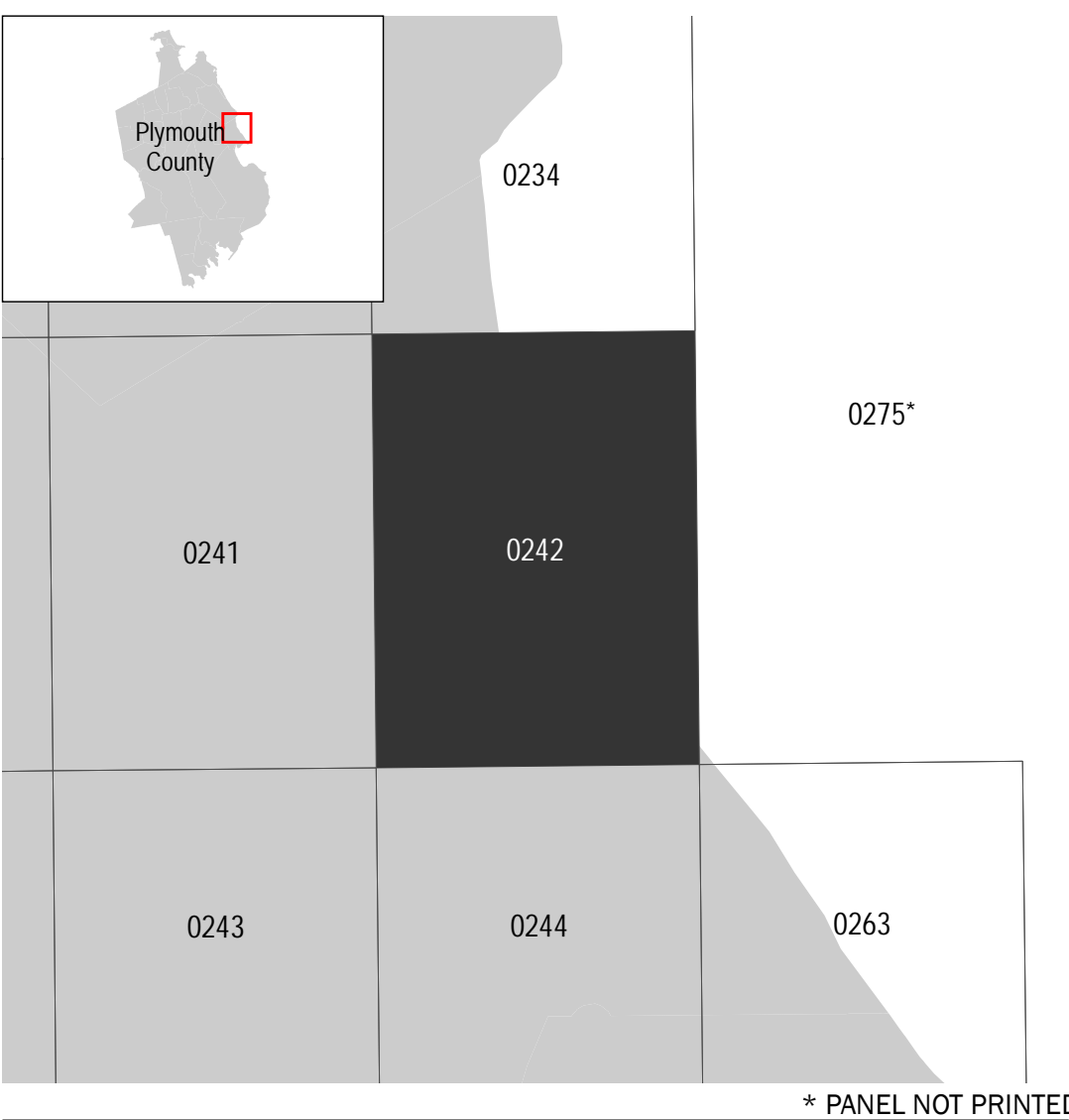
Limit of Moderate Wave Action coincident with Zone Break

Limit of Moderate Wave Action (LIMWA)

SCALE



PANEL LOCATOR



National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

PLYMOUTH COUNTY, MASSACHUSETTS
(All Jurisdictions)

PANEL 242 of 650

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
DUXBURY, TOWN OF	250263	0242	K

REVISED TO REFLECT LOMR EFFECTIVE: January 10, 2020

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Note: LiMWA information shown on this map panel outside of the revised area reflects LiMWA delineations updated by LOMR 16-01-2154P, effective September 8, 2017.

OTHER FEATURES

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

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes. Zone X

SCALE

Map Projection:
NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet;
Western Hemisphere; Vertical Datum: NAVD 88

1 inch = 500 feet 1:6,000

0 250 500 1,000 Feet
0 75 150 300 Meters

FEMA
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

PLYMOUTH COUNTY, MASSACHUSETTS
(All Jurisdictions)

PANEL 243 OF 650

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
DUXBURY, TOWN OF	250263	0243	K
KINGSTON, TOWN OF	250270	0243	K

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MAP NUMBER
25023C0243K

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