

# ***Town Meeting Sept. 19, 2016 Article 3***

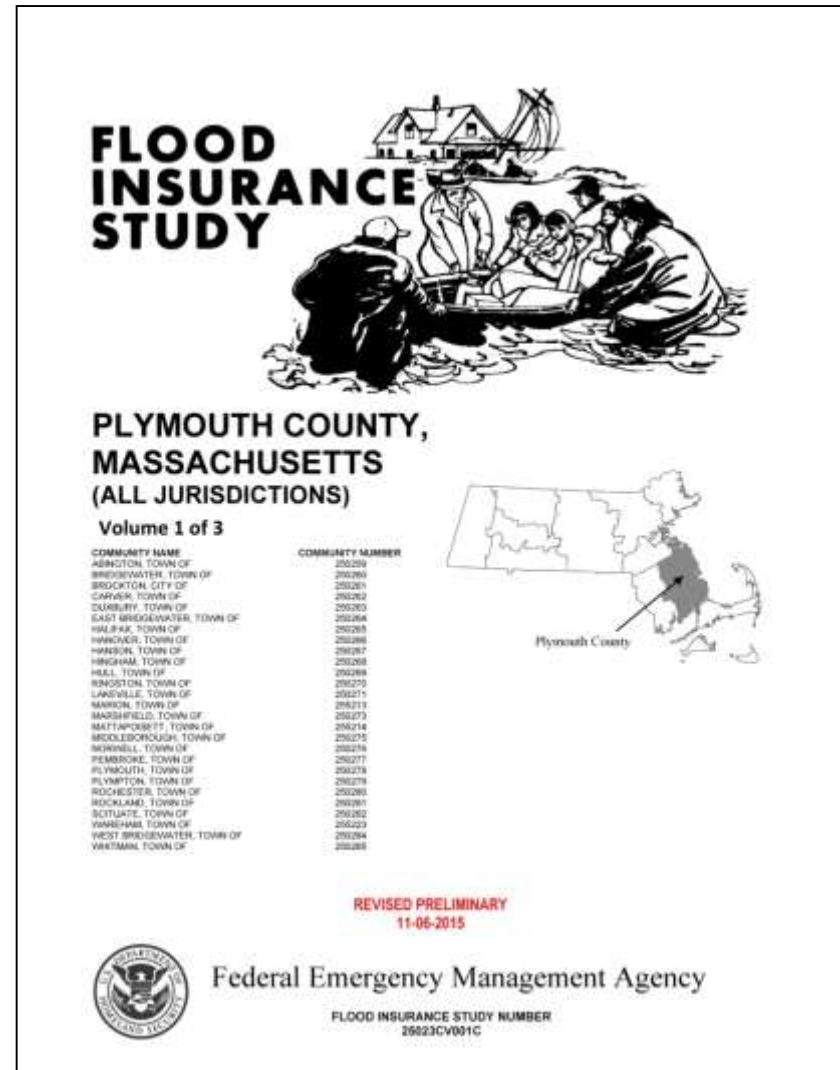


***M. Leslie Fields***

# Duxbury FIRM History

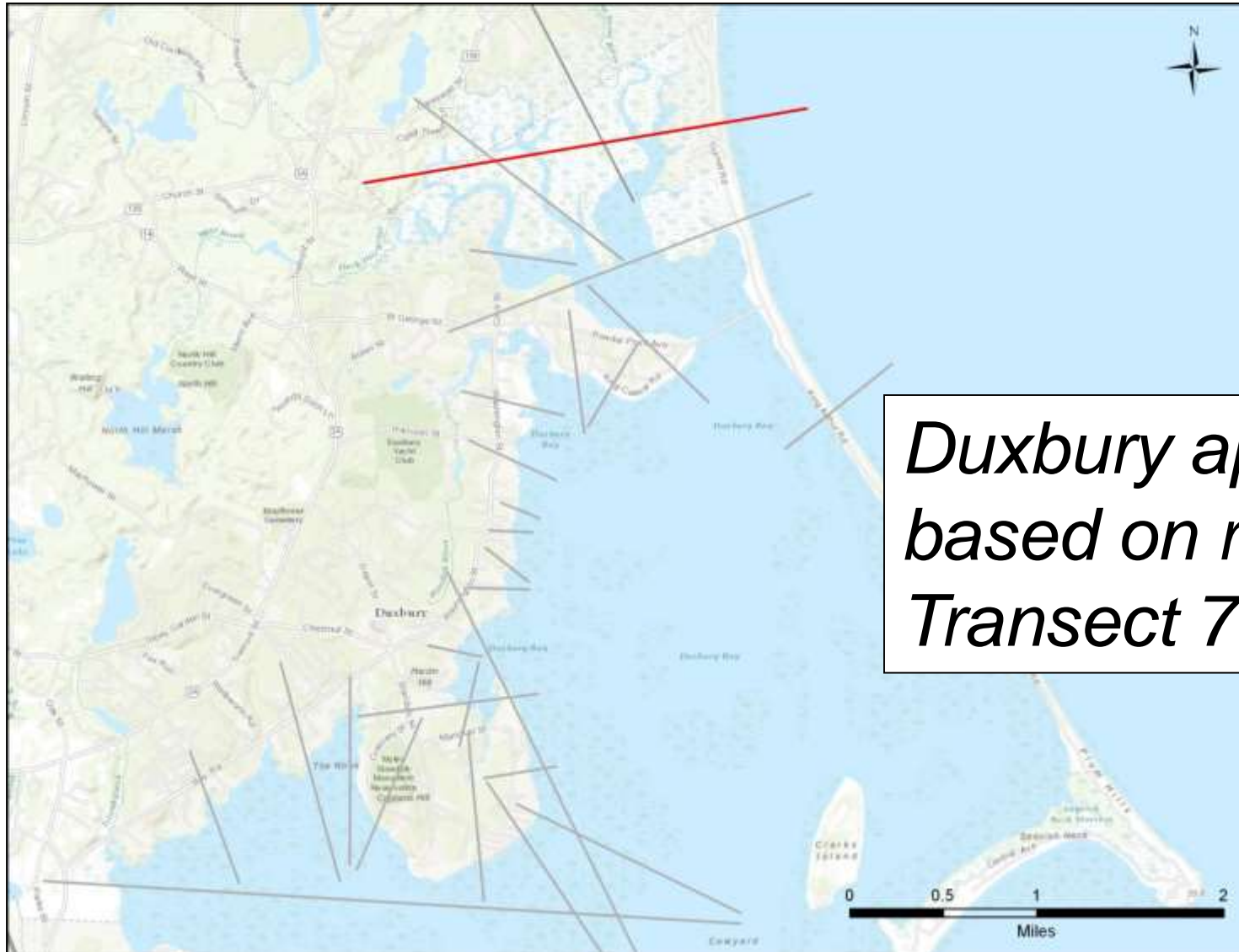
## Map revisions

- May 15, 1986
- May 17, 2005
- July 17, 2012
- Preliminary maps  
May 1, 2013
  - Appeal based on  
review at 1 transect  
in Duxbury





# ***2013 Preliminary Map Appeal***



*Duxbury appeal  
based on review  
Transect 71*

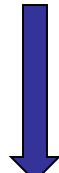
# ***Duxbury FIRM History***

## ***Previous map revisions***

- *May 15, 1986*
- *May 17, 2005*
- *July 17, 2012 (currently effective)*
- *Preliminary maps May 1, 2013*
  - *Appealed and accepted by FEMA*
- *Nov. 6, 2015 Revised Preliminary maps*
- *Nov. 4, 2016 – new maps effective*

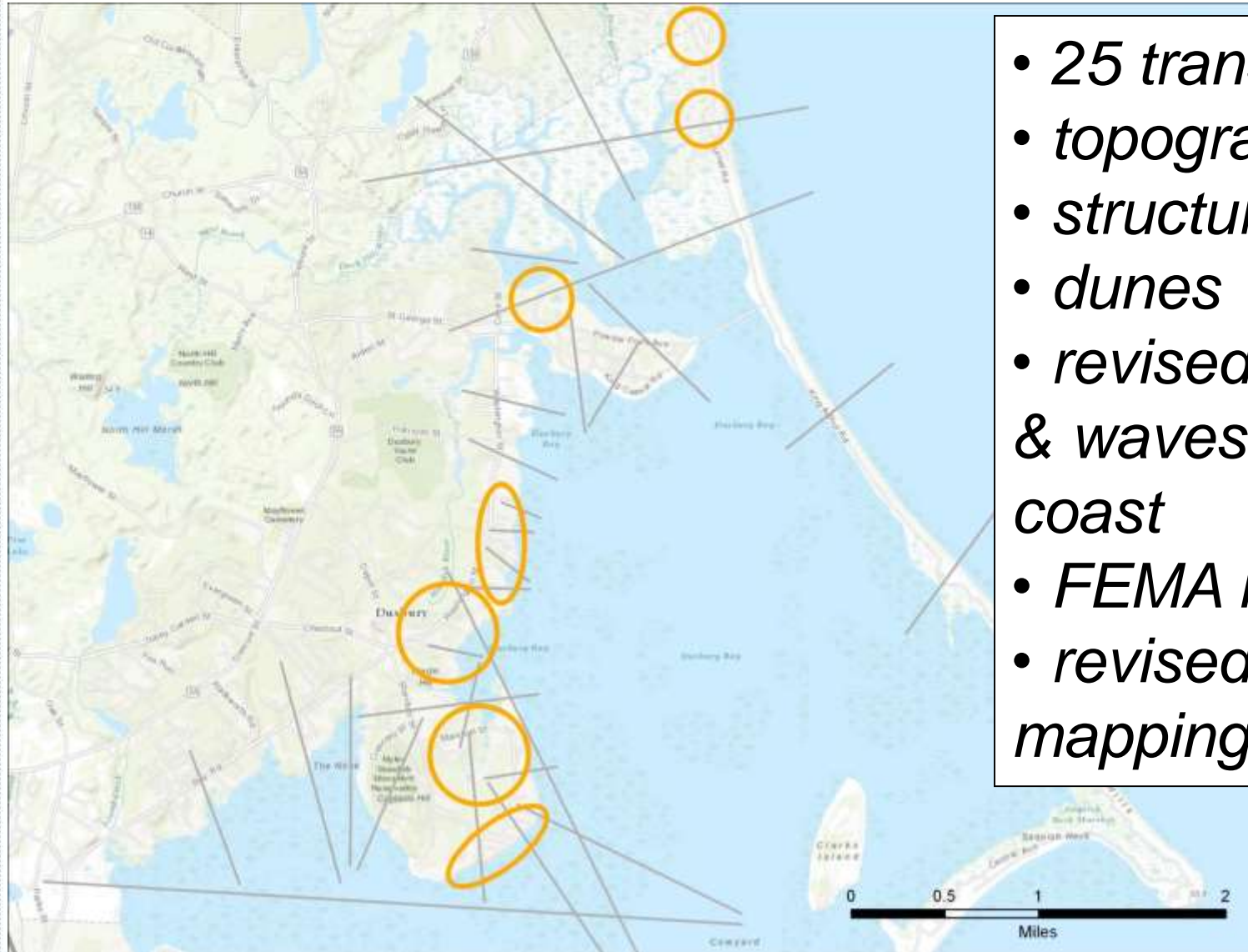
# ***LOMR Process***

## ***Further Revisions Warranted***

- *Scituate, Marshfield, and Duxbury*
  - *Phase I Analysis*
    - *Revise 100-yr water levels; ~ 0.85 ft*
    - *Revise 100-yr wave conditions; ~ 3.5 ft*
    - *Seek FEMA approval for study methodology*
- 



# Phase II Analysis



- 25 transects
- topography
- structures
- dunes
- revised SWEL & waves open coast
- FEMA modeling
- revised mapping

# ***Expected Schedule***

- *Oct. 28, 2016 - FEMA Phase I response*
- *Dec. 16, 2016 – Phase II complete &  
LOMR filed*
- *Apr. 28, 2017 – FEMA Determination*
- *Oct. 27, 2017 – Revisions effective*