

# MV COASTAL CONFERENCE

## JUNE 6, 2018

### CZM Coastal Resilience Grant Program: Challenges and Lessons Learned

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Massachusetts Coastal Zone Management



# CZM Coastal Resilience Grant Program

- 78 municipalities in Coastal Zone
- Certified 501(c)(3) organizations with vulnerable coastal property open to the public
- 12 month grant cycle
- Reimbursement grant program
- 25% match – cash & inkind

# CZM Coastal Resilience Grant Program

## Types of projects

- Vulnerability and Risk Assessment
- Public Education and Communication
- Adaptation Plans and other Management Measures
- Redesign and Retrofits
- Natural Storm Damage Protection Techniques

# Coastal Resilience Projects to date:

- Began program in 2014
- Funded \$11,123,468 state wide
- Funded 30 projects on Cape Cod and Islands, for \$3,328,427
- Awarded grants to 12 of 15 Cape towns
- Awarded 4 Resilience grants on MV

# MV Coastal Resilience Projects

- **2014 Oak Bluffs/MV Shellfish Group** **\$35,262**
  - *Living shoreline demonstration project*
- **2014 Oak Bluffs** **\$200,000**
  - *Pump Station Hazard Mitigation Projects*
- **2015 Chilmark** **\$52,000**
  - *Squibnocket Beach Restoration – design/permit*
- **2016 Edgartown** **\$62,250**
  - *Fuller Street Beach Restoration-design/permit*

# CZM Coastal Resilience Grant Program

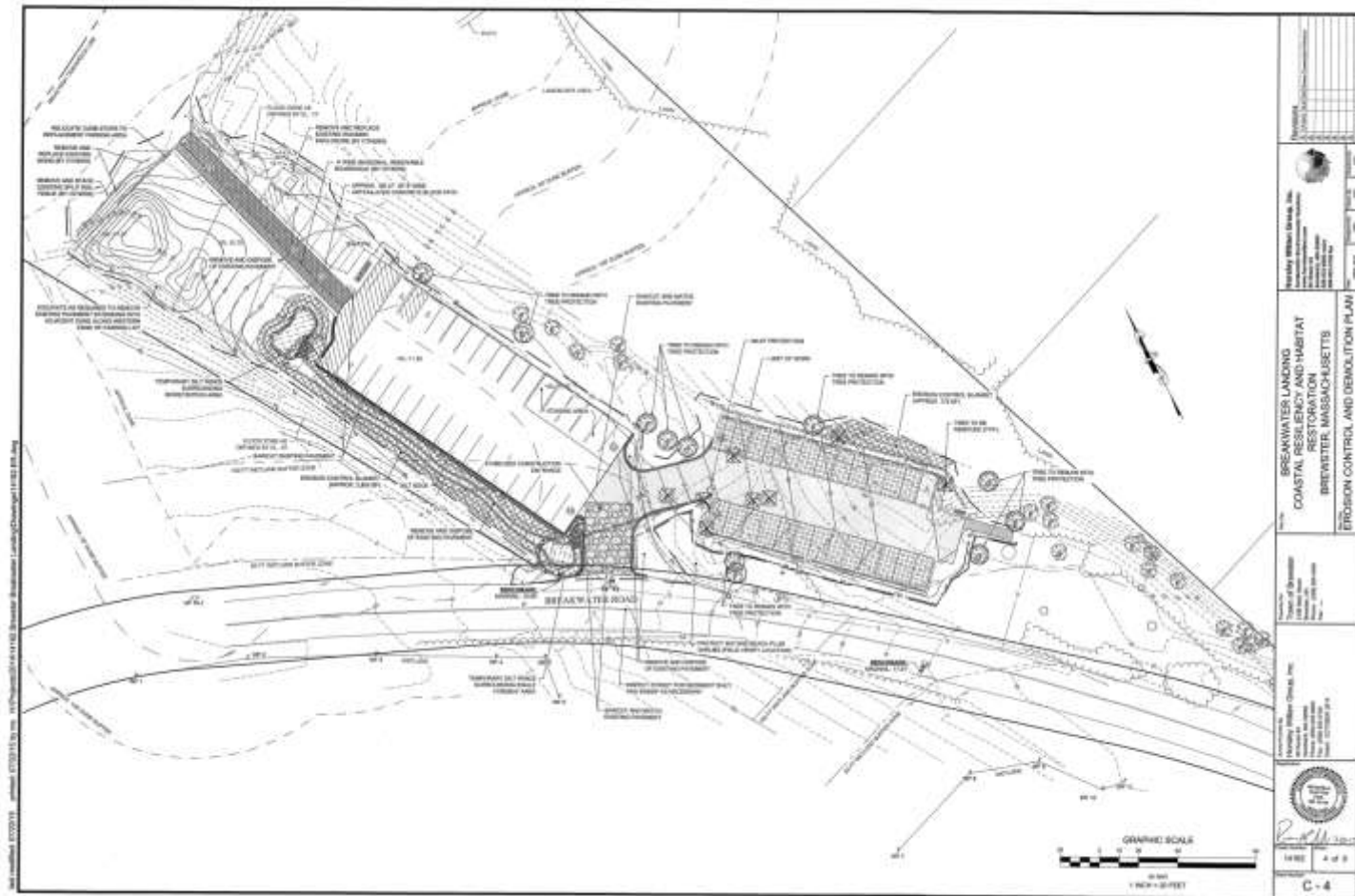
- 2019 RFR was released in April, and closed on May 25, 2018.
- Received 31 proposals.
- Funding request came in at <5.4 M
- Awards expected to be announced in early July



# Coastal Resilience Projects Represent CHANGE!

- Many coastal resilience projects represent change in use, look or location of coastal infrastructure
- Sometimes communities resist change
- Some resilience projects require EXTENSIVE community outreach to be successful

# Breakwater Beach Parking Relocation Project, Brewster





# Breakwater Beach Parking Relocation Project, Brewster

- 2014 Coastal Resilience Project, \$155K
  - Relocate 30 parking asphalt parking spaces
  - Restore coastal dune habitat
  - Construct stormwater treatment system
  - Construct seasonal access ramp over dunes

# "Save" Breakwater Beach



## Petitioners seek special town meeting

To stop Breakwater Beach plan

By Bob Elwood  
elwood@macmillan.com

**BREAKWATER** — Town meetings are so much fun, some citizens think twice a year before going and have driven up a petition for a beach.

Actually, it's not so much a petition, but to stop the town's Breakwater Beach parking plan and to seek the return of the beach to the town's residents.

The plan to build a parking lot at Breakwater Beach was announced at a town meeting last week. The plan was to build a parking lot at Breakwater Beach, which would be used for the town's residents. The plan was to build a parking lot at Breakwater Beach, which would be used for the town's residents.

of Coastal Zone Management, which would begin Aug. 8, and end by Nov. 10. Residents have until a p.m. Aug. 10 to submit their comments. That date gives petitioners a short window to get their signatures in—July 22 at the latest.

The petition is then right start work in September, said John Lash, one of the petitioners. "I'd like to give the town people the opportunity to express their views before that happens. There are a lot of people getting signatures but one problem is that the town is not listening to the petitioners. I have signed and I have not signed."

"That doesn't make a lot of sense to me," said Lash. "The town is not listening to the petitioners. I have signed and I have not signed."



The town is moving ahead with plans to change the parking area at Breakwater Beach, despite many citizens' objections. (STAFF PHOTO BY BOB ELWOOD)

The town is moving ahead with plans to change the parking area at Breakwater Beach, despite many citizens' objections. The town is moving ahead with plans to change the parking area at Breakwater Beach, despite many citizens' objections.

a comprehensive "Beach Access Plan" is adopted by the town board. The plan would require the town to provide beach access to all residents. The plan would require the town to provide beach access to all residents.



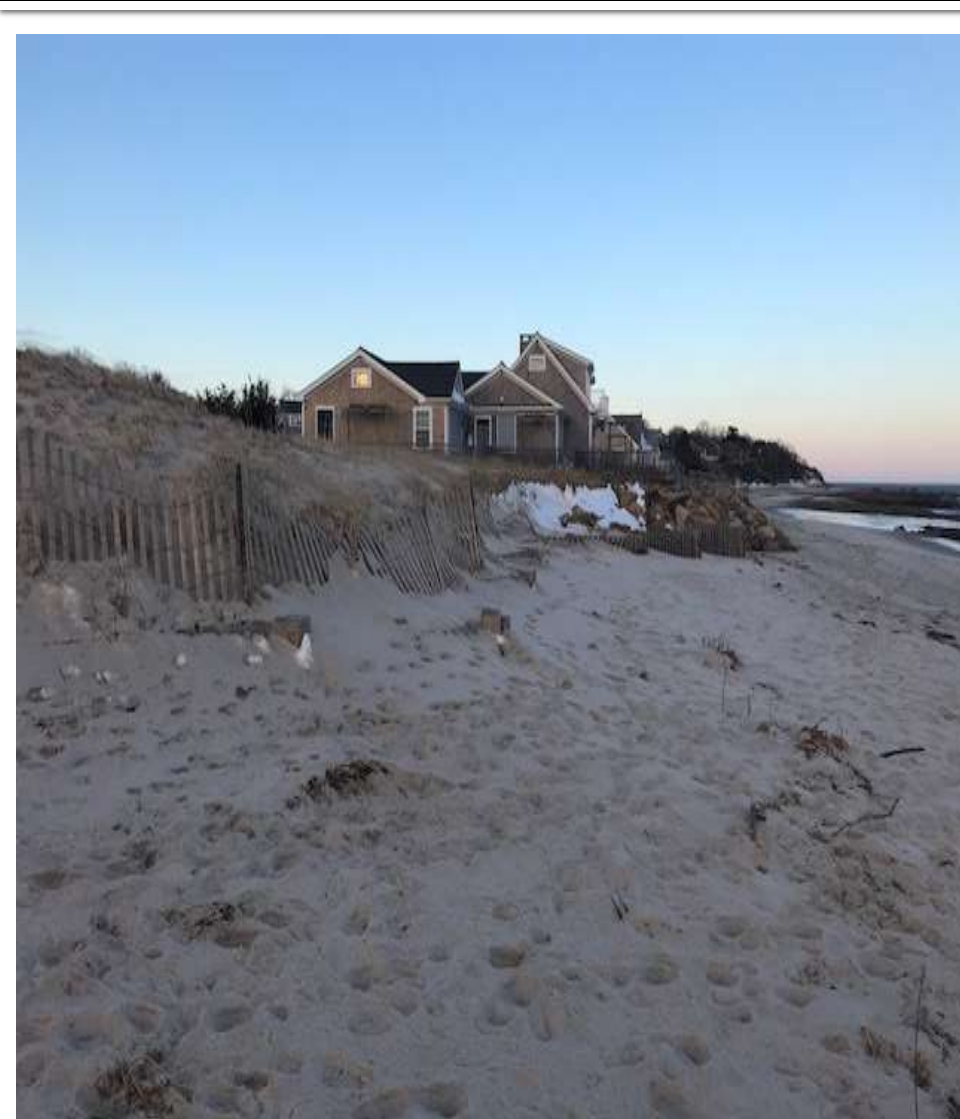
# Parking lot pre-project







# March 16, 2018



# Resilience Projects Present Unique Regulatory Challenges

- Frequently involve habitat conversion and multiple competing coastal resource area interests.
- Frequently conflict with many existing regulations
- Require close consultation with State and Federal permitting agencies



# Dr. Bottero Road Protection Project, Dennis

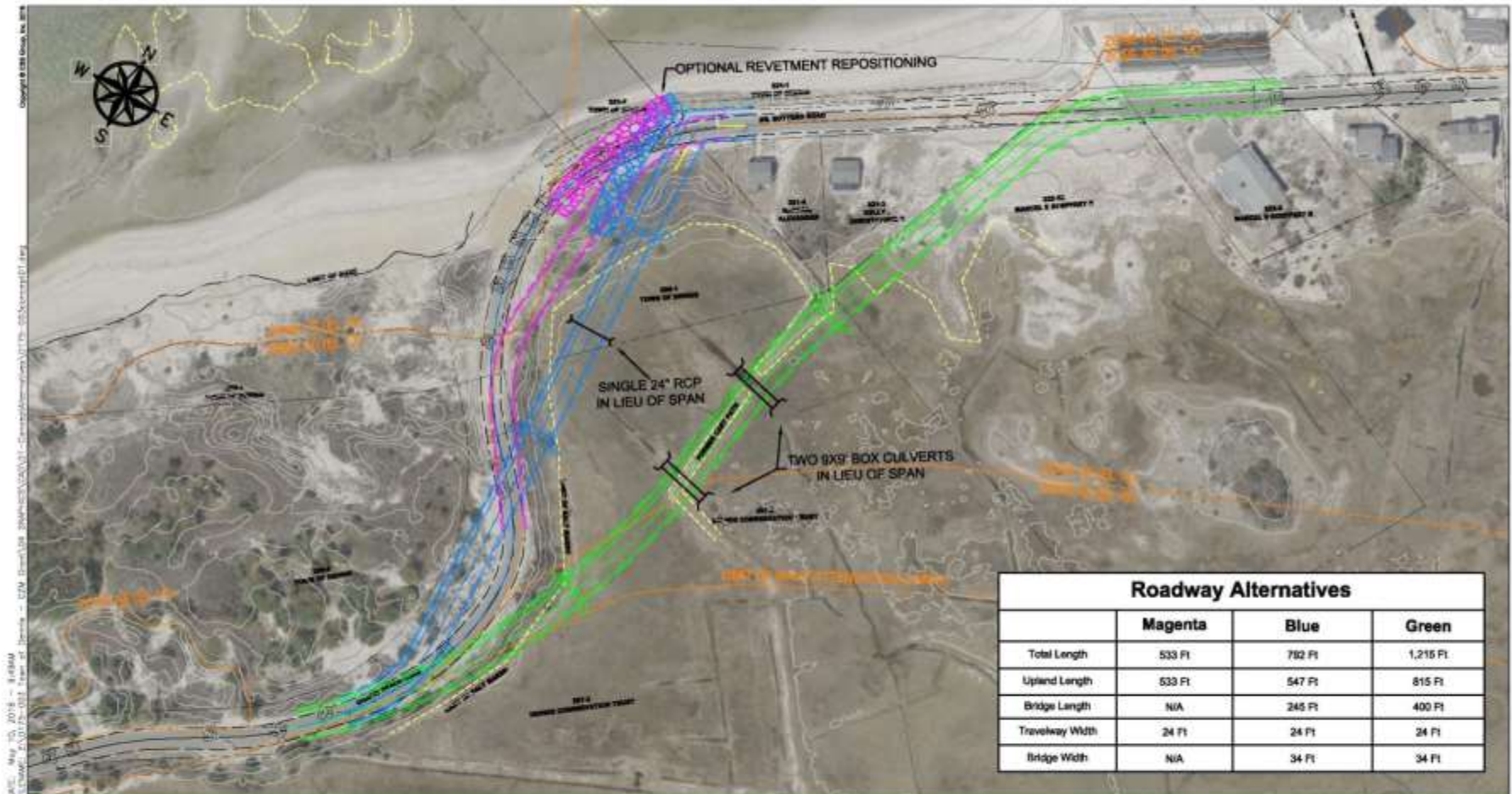


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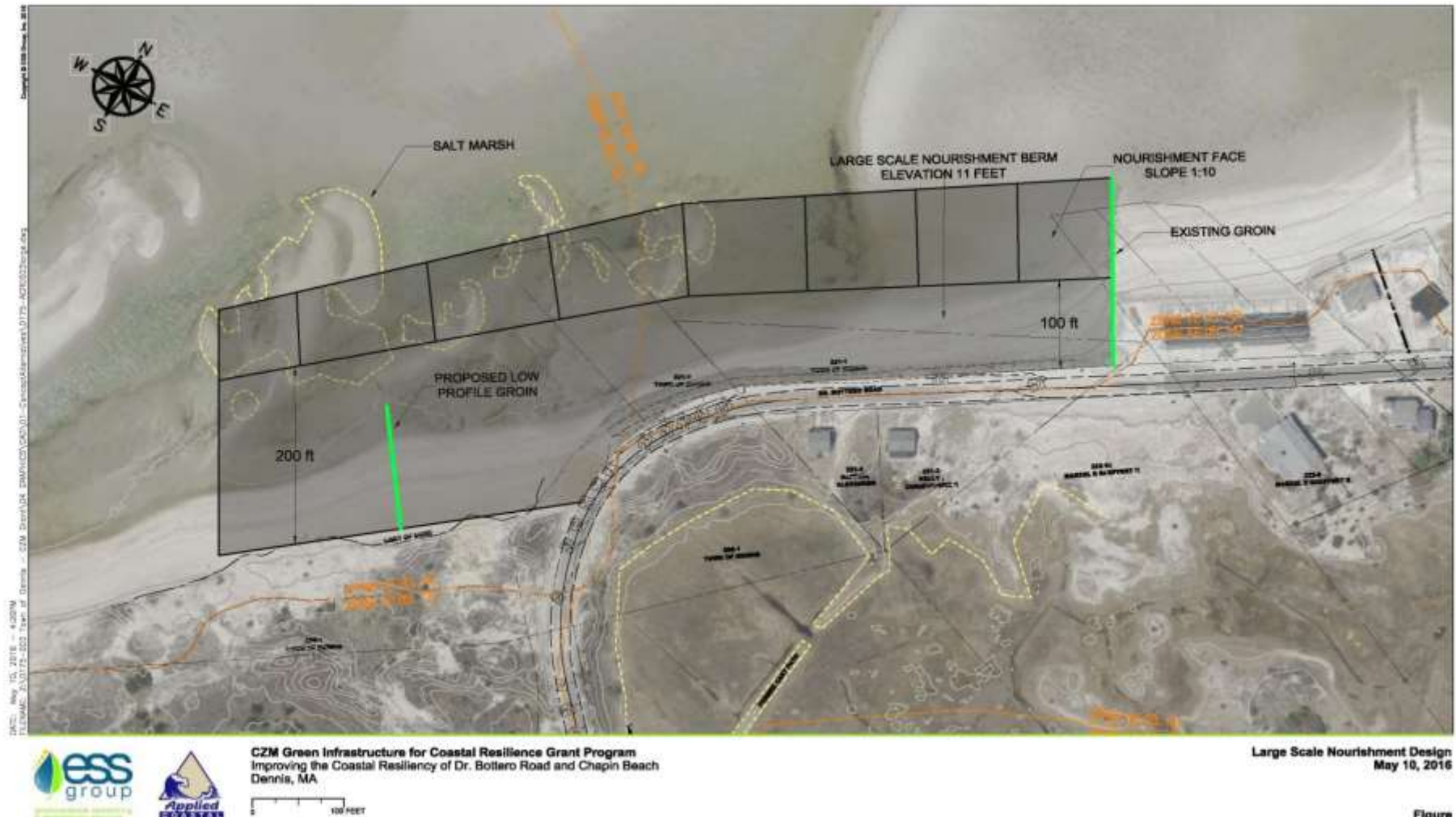




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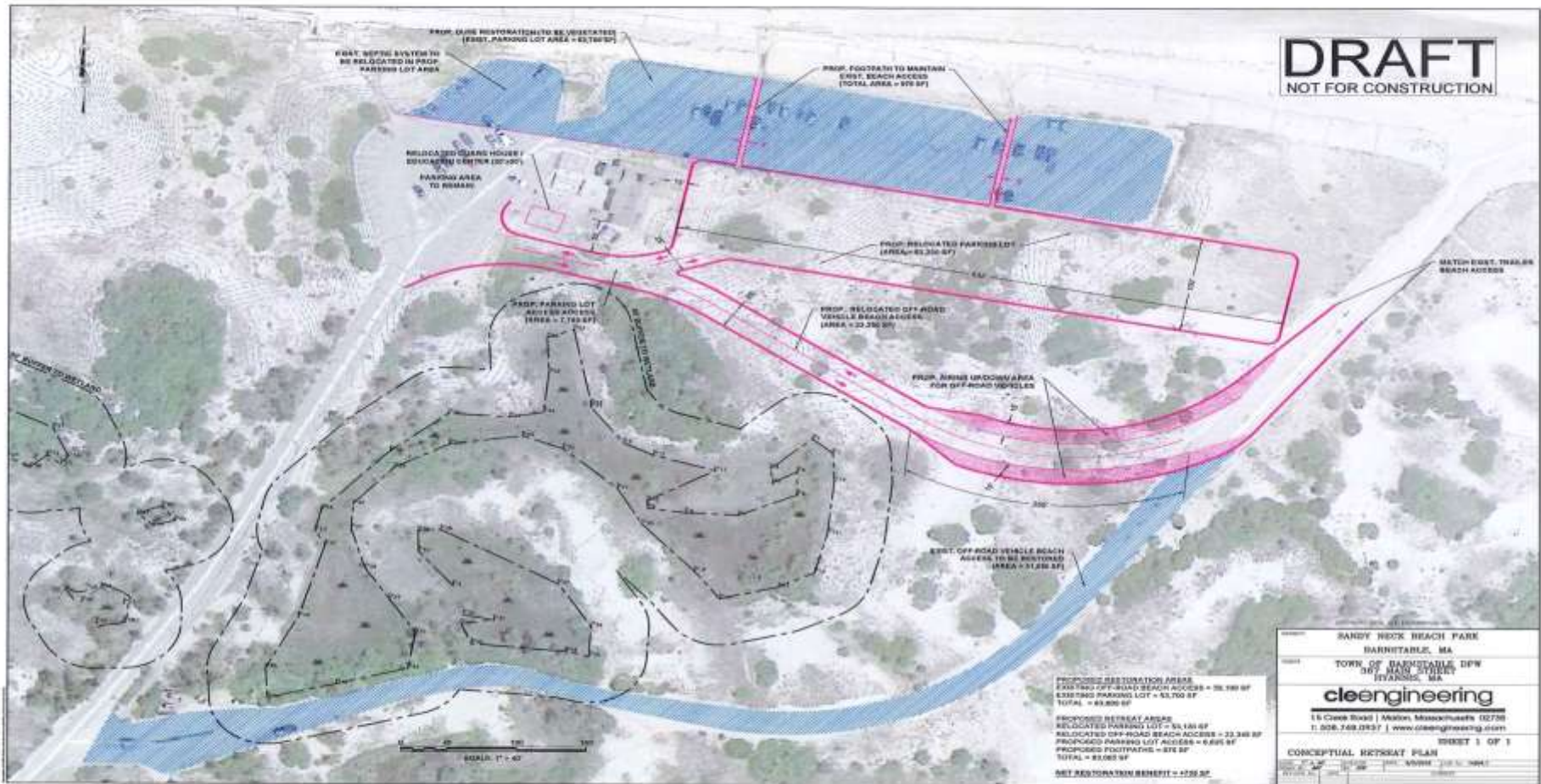


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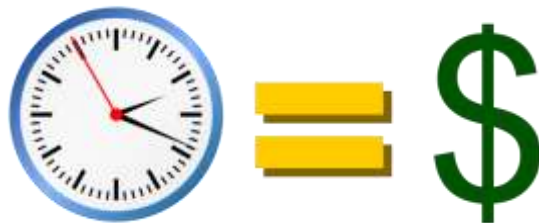


# Sandy Neck Parking Relocation, Barnstable



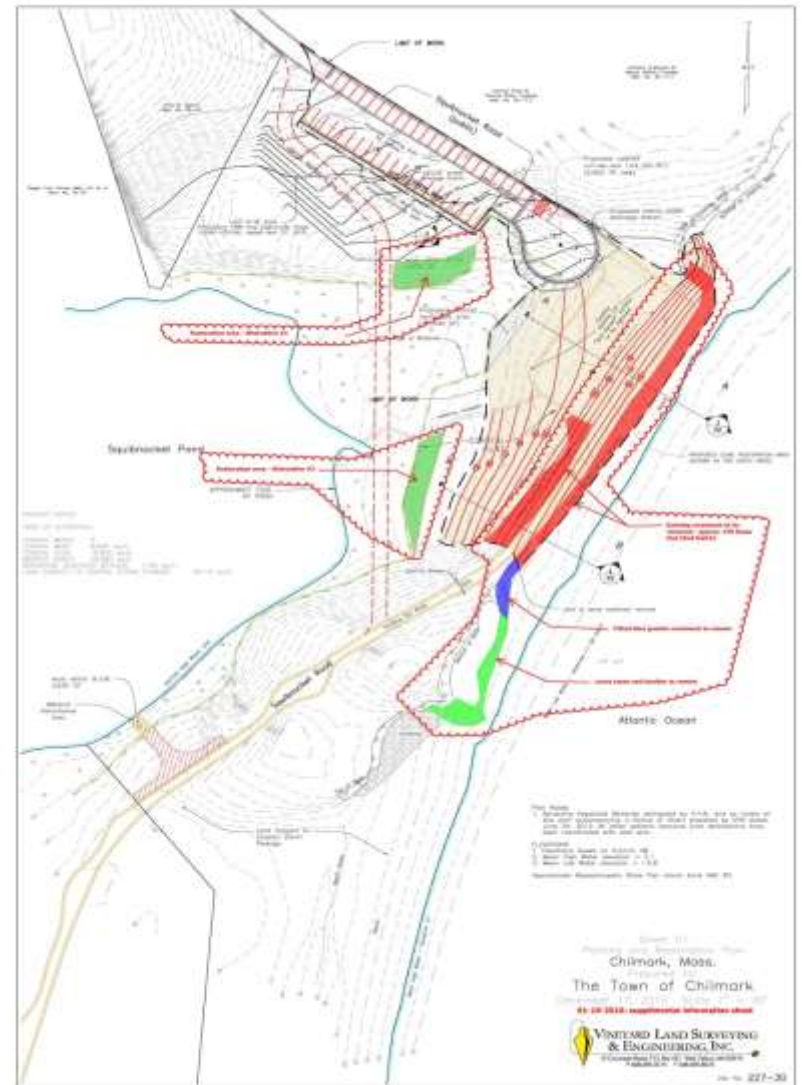
# Resilience Projects Take Time

- Due to public outreach and the challenging regulatory path, resilience projects take longer to implement than other types of coastal projects.
- Communities need to recognize this, and build this into project timelines





# Squibnocket Beach Parking Lot Relocation, Chilmark



# Consider Implementing Resilience Projects in Phases

- Complex projects benefit from a phased approach
- Phasing allows for greater flexibility in design and outreach
- Phased project examples:
  - Conceptual design and project outreach
  - Feasibility study and preliminary design
  - Design and permitting
  - Project implementation



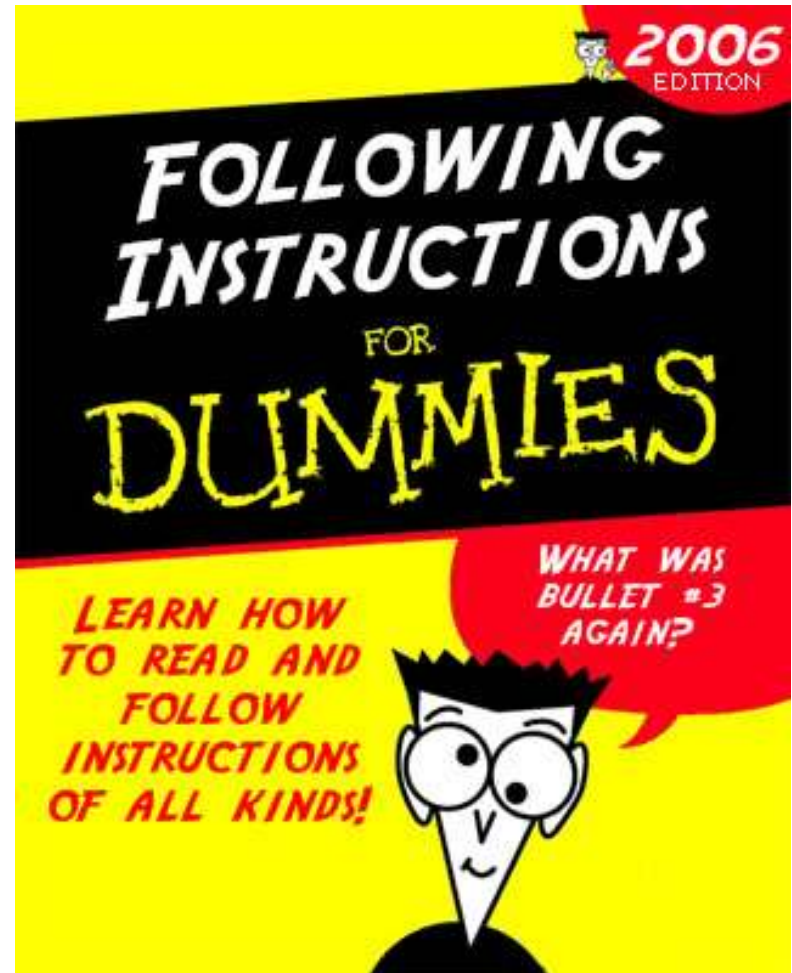
# Phased Projects

- Preferred approach if seeking grant funds.
  - CZM grants usually about 8-11 months long
  - Results in a more accurate project budget
  - Allows greater project flexibility



# Read and Understand Grant RFR Requirements

- Grant applications should clearly articulate how their proposal meets all RFR requirements
- Will result in a more competitive proposal and more likely to be funded





# Advance Planning with CZM

- CZM can provide project specific consultation prior to release of the RFR.
- Technical assistance
- Provide permitting guidance and facilitation

