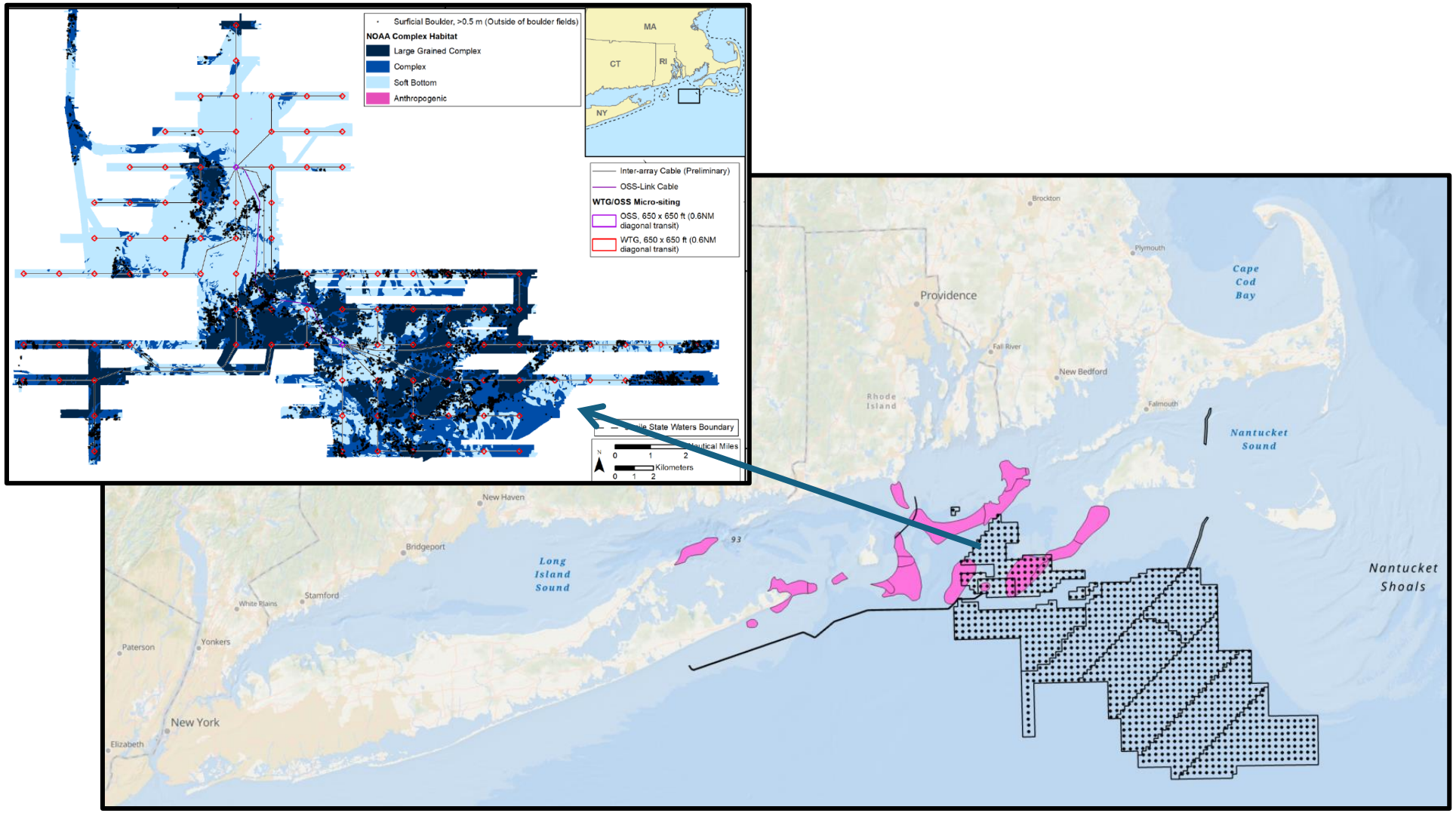
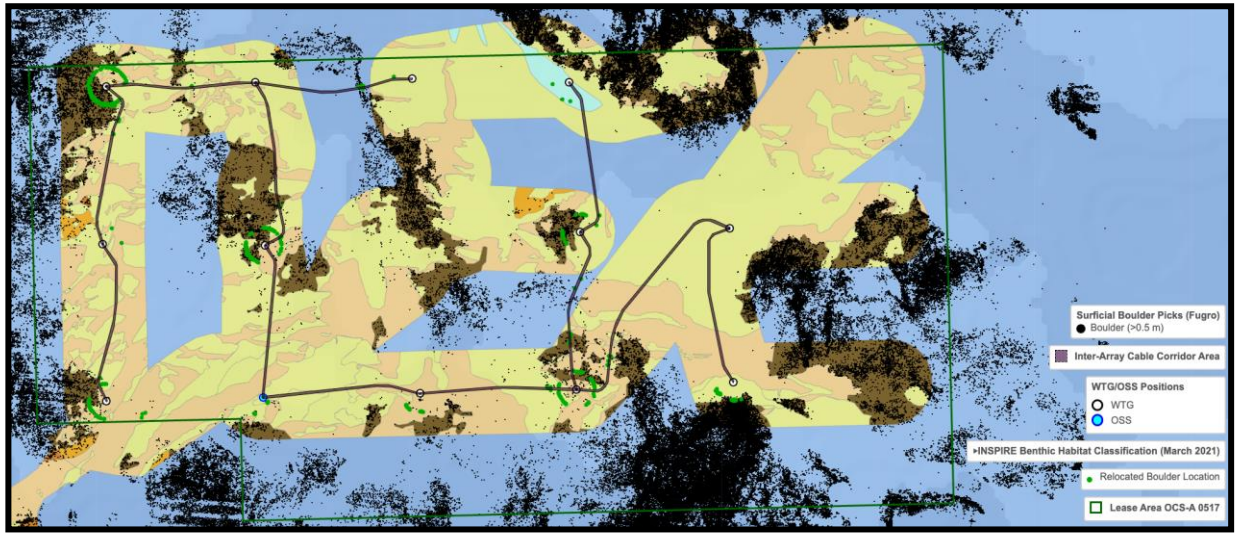
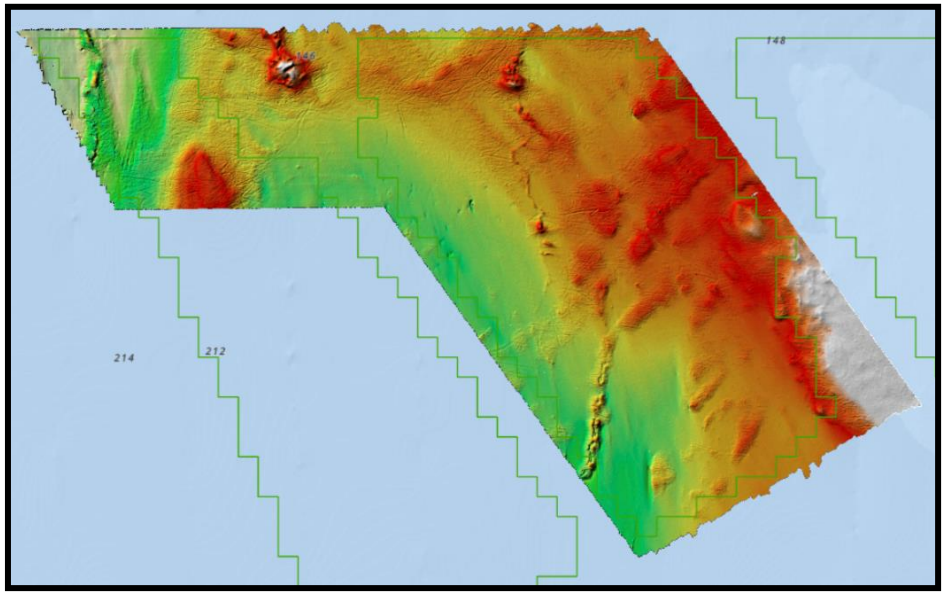
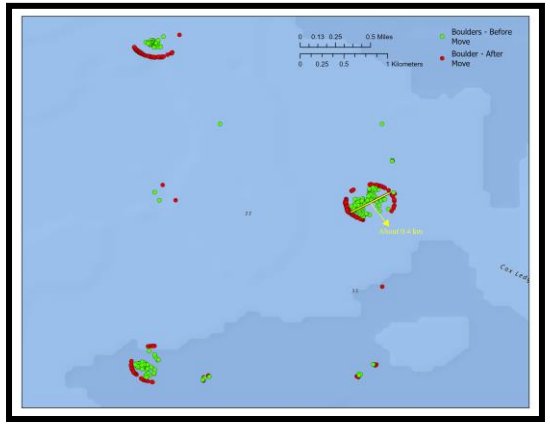
Lessons Learned from Southern New England



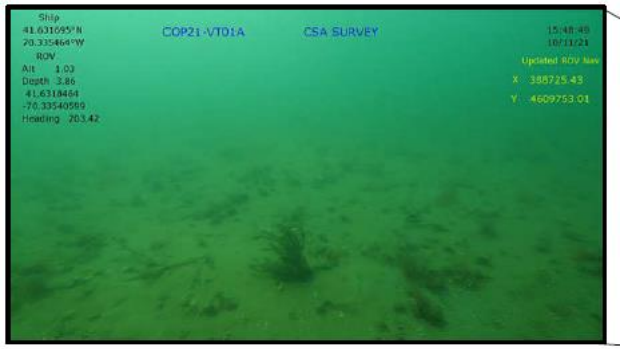
Lease areas should be characterized *before* development

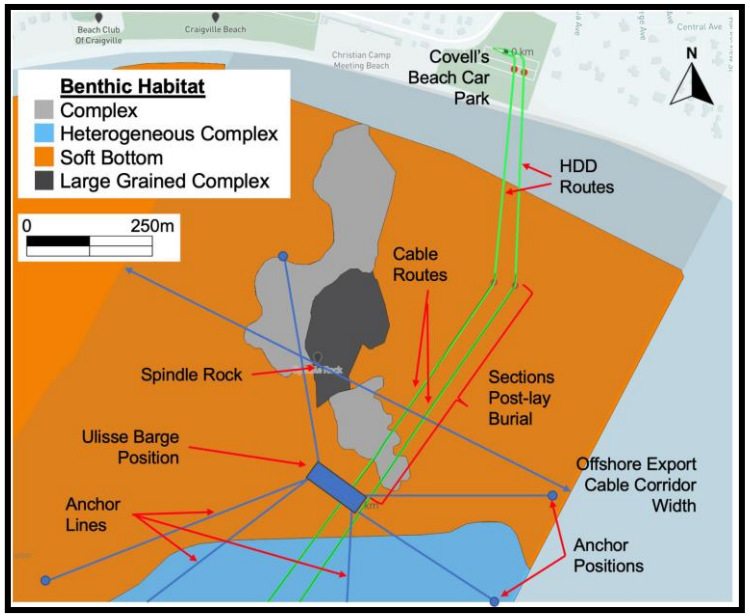




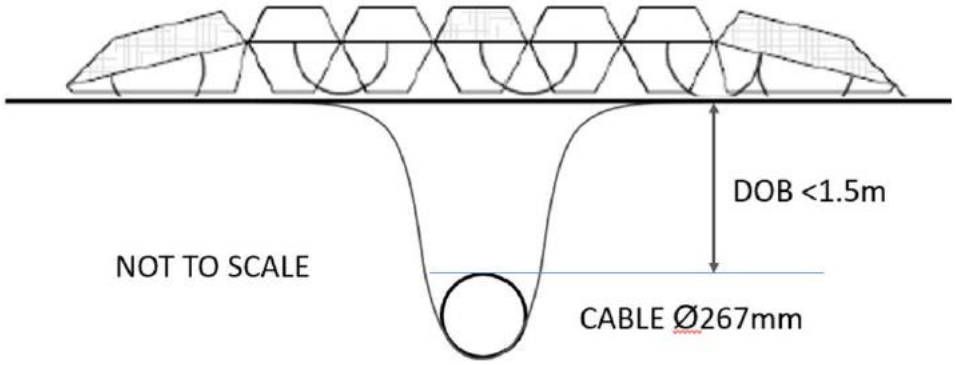


Cable corridors should be characterized via *subbottom profiling*.



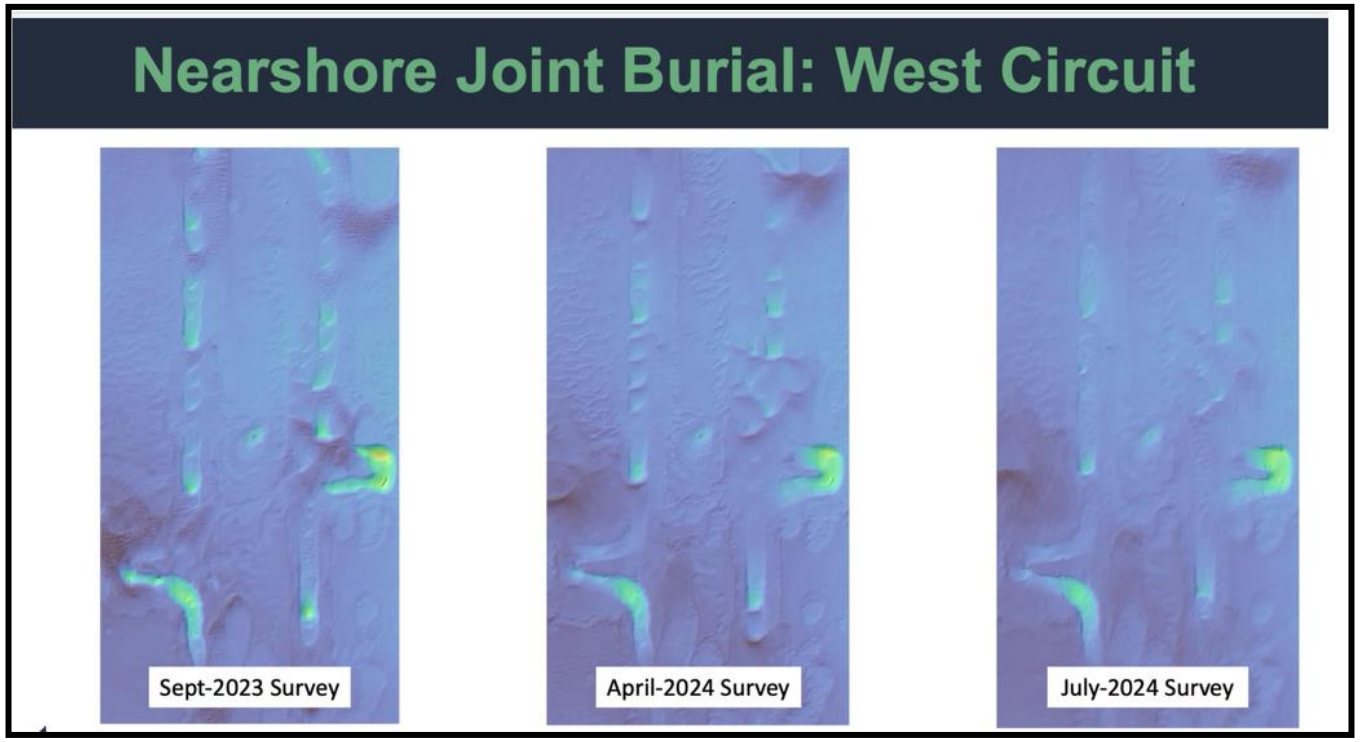


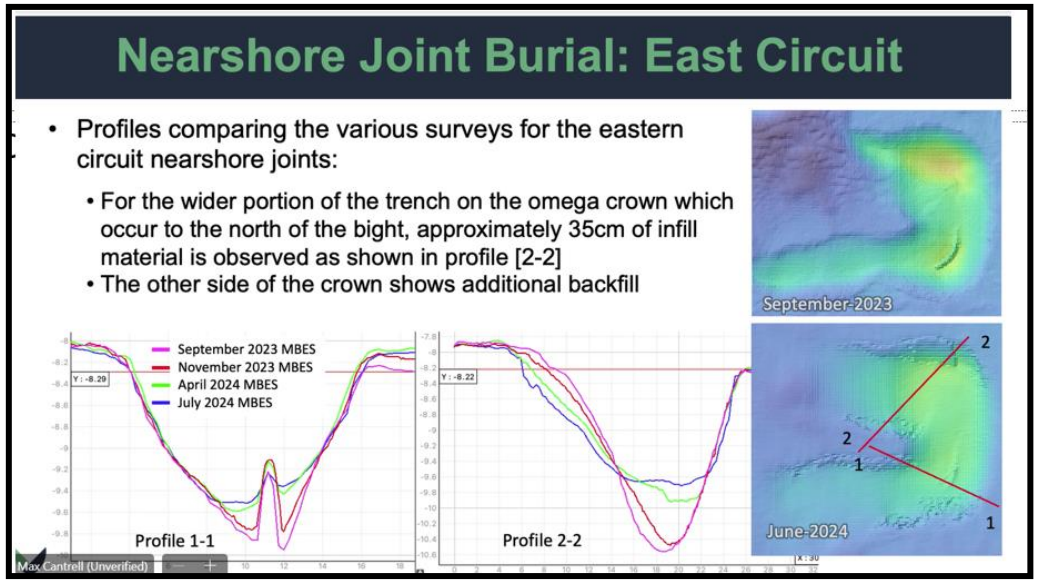
- Tapered edges (fishing gear friendly)



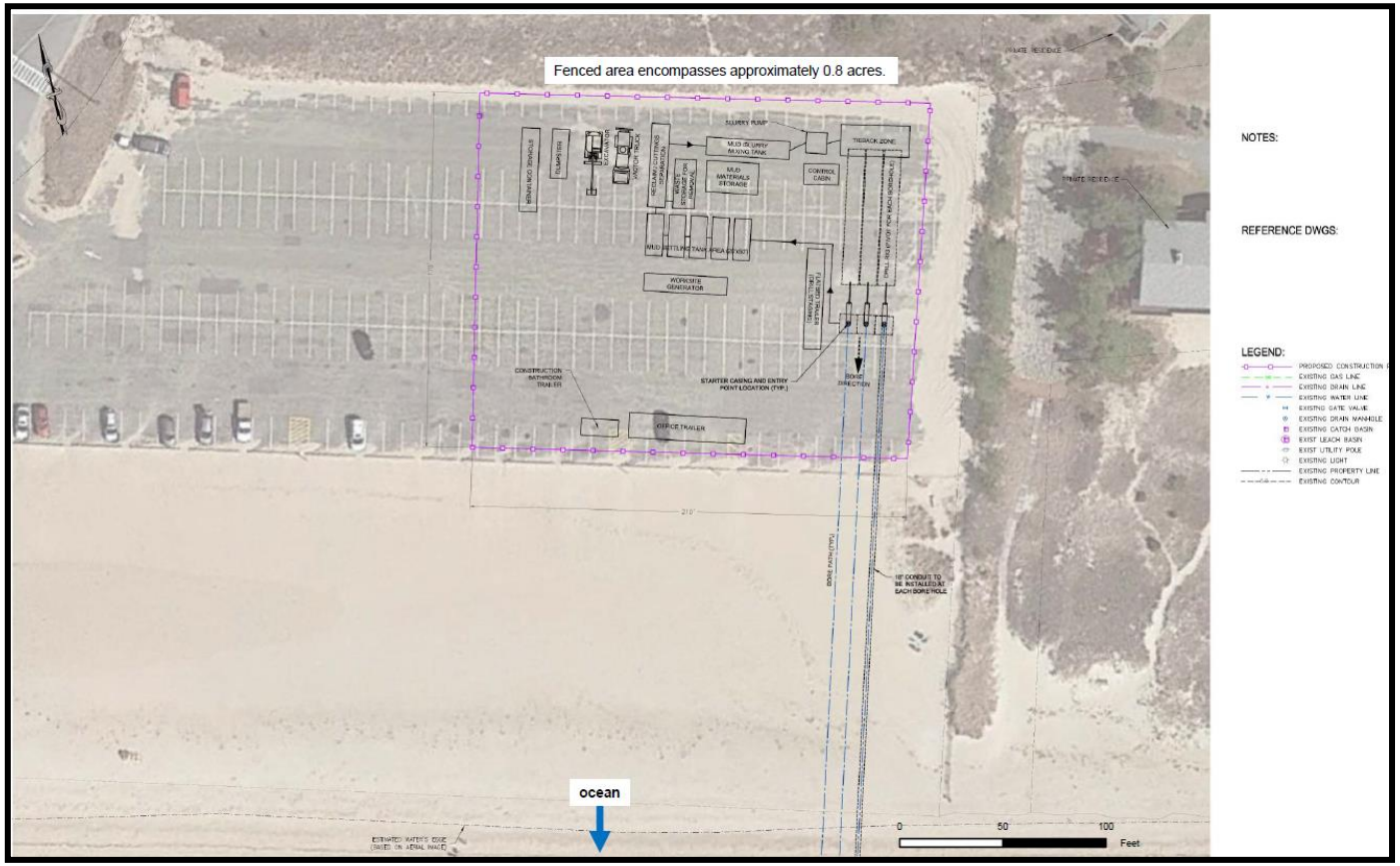
90 m of inadequately buried cable will now be covered with concrete mattresses

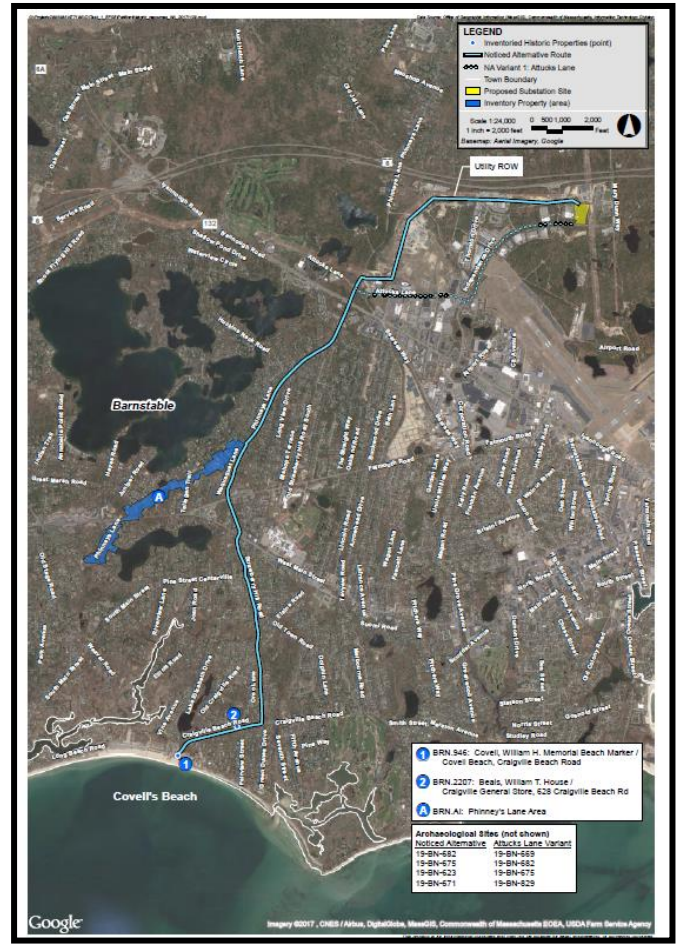
Stuff happens – solving one problem might cause another





Barrier beaches might not be the best places to land cables





What data are needed to make informed decisions?

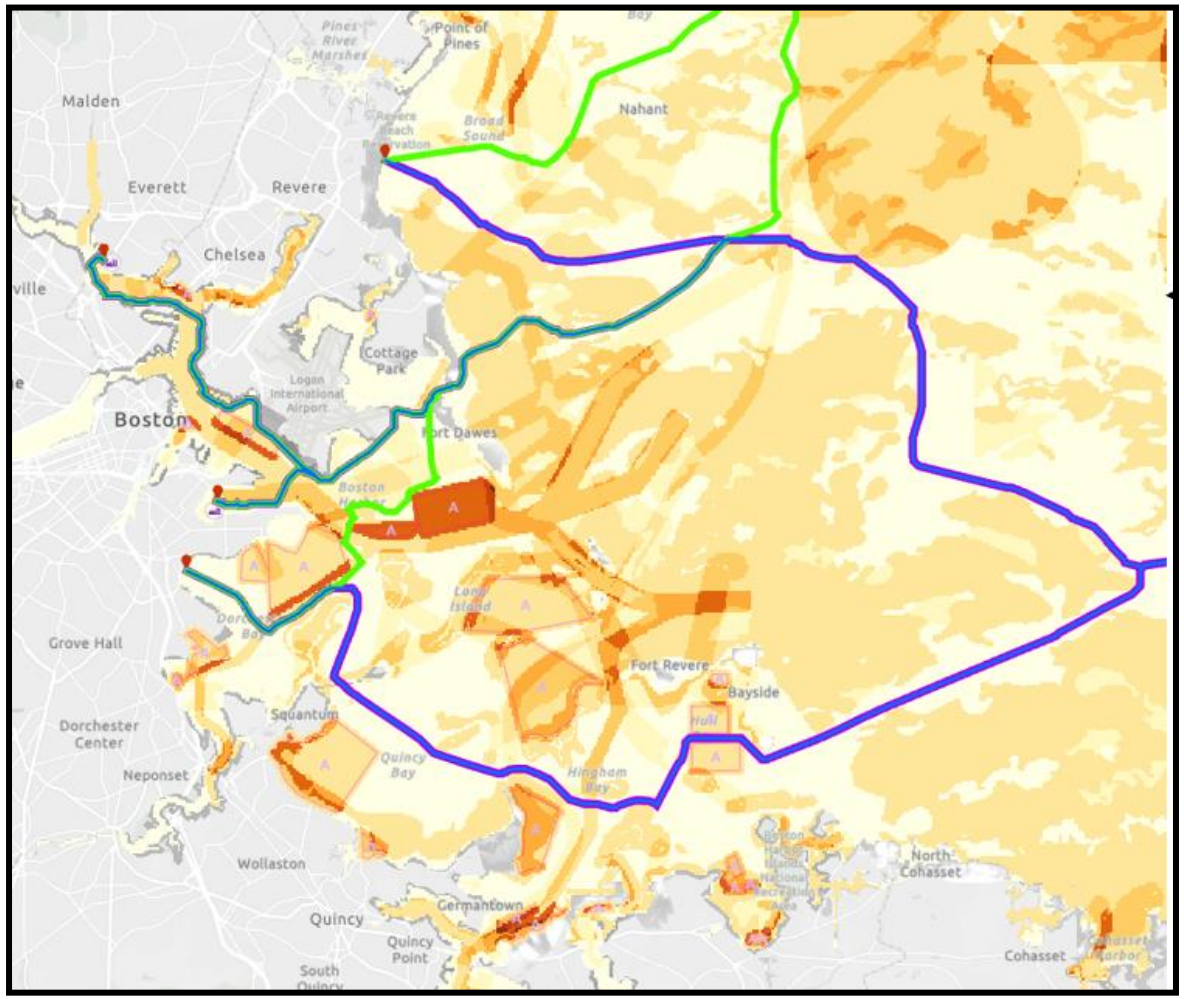
To avoid need for cable protection:

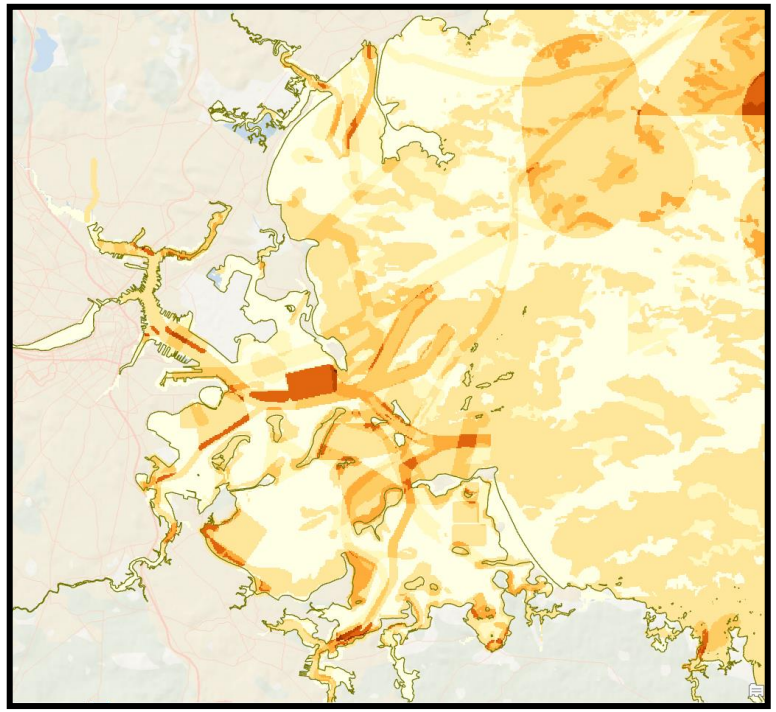
- **Bathymetry/slope of seafloor**
- **Surficial sediment type (sand, mud, gravel, sand waves), seafloor texture**
- **Depth to bedrock**

To minimize resource impacts:

- **Identify boulder fields, archaeological resources**
- **Identify biogenic habitats: sponges, corals, sea pens**

For cable routing: develop best practices rather than being overly prescriptive of where cables should go.





“Cost Surface”