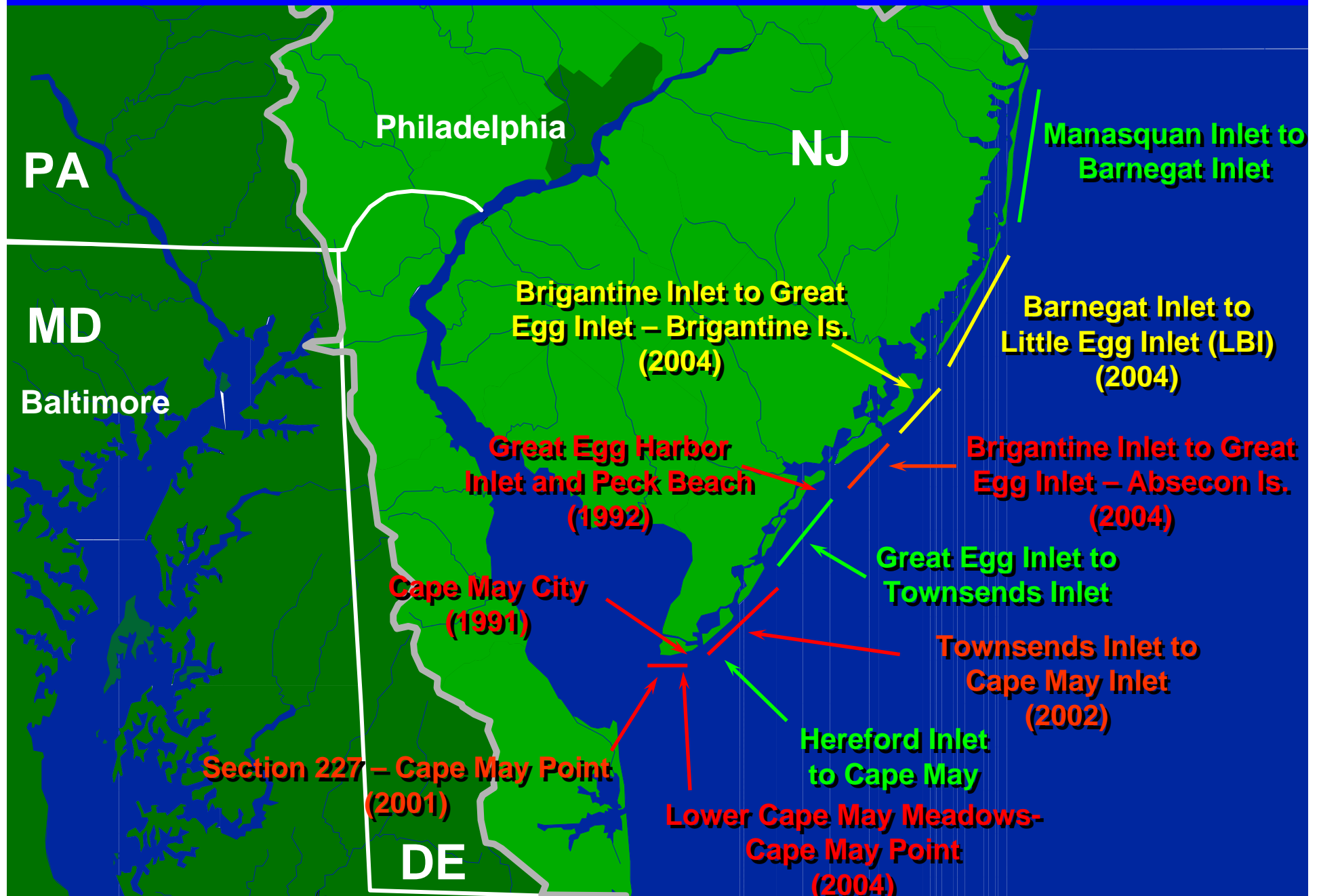
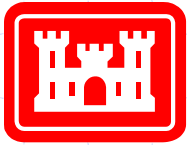


*NJGS-MMS Annual
Offshore Sand Exploration Task Force
Meeting
14 April 2004
Trenton, NJ*



CENAP NJ Shore Protection Projects





Regional Sediment Management & NJ Alternative Long-Term Nourishment Study



Non-Federal Sponsor
New Jersey Department of
Environmental Protection





Major goals of the RSM & NJALTN studies

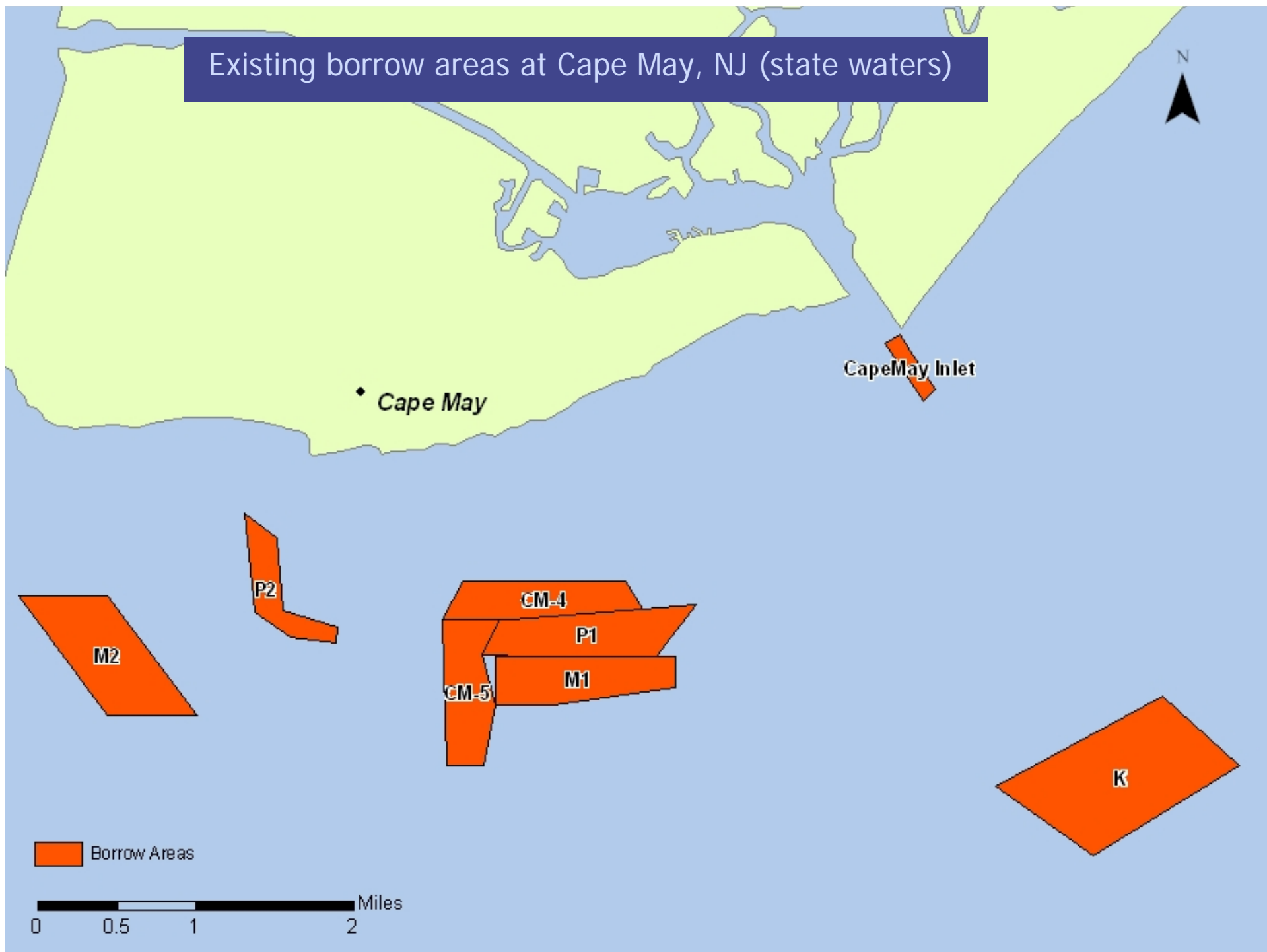
- Better quantify and maintain available borrow areas for ongoing and future shore protection projects
 - Inventory borrow areas inside the 3-mile limit (state waters)
 - Incorporate geotechnical and environmental resource data into GIS
 - Store multi-agency data in one location to facilitate sharing
 - Assess inlet borrow/bypassing opportunities

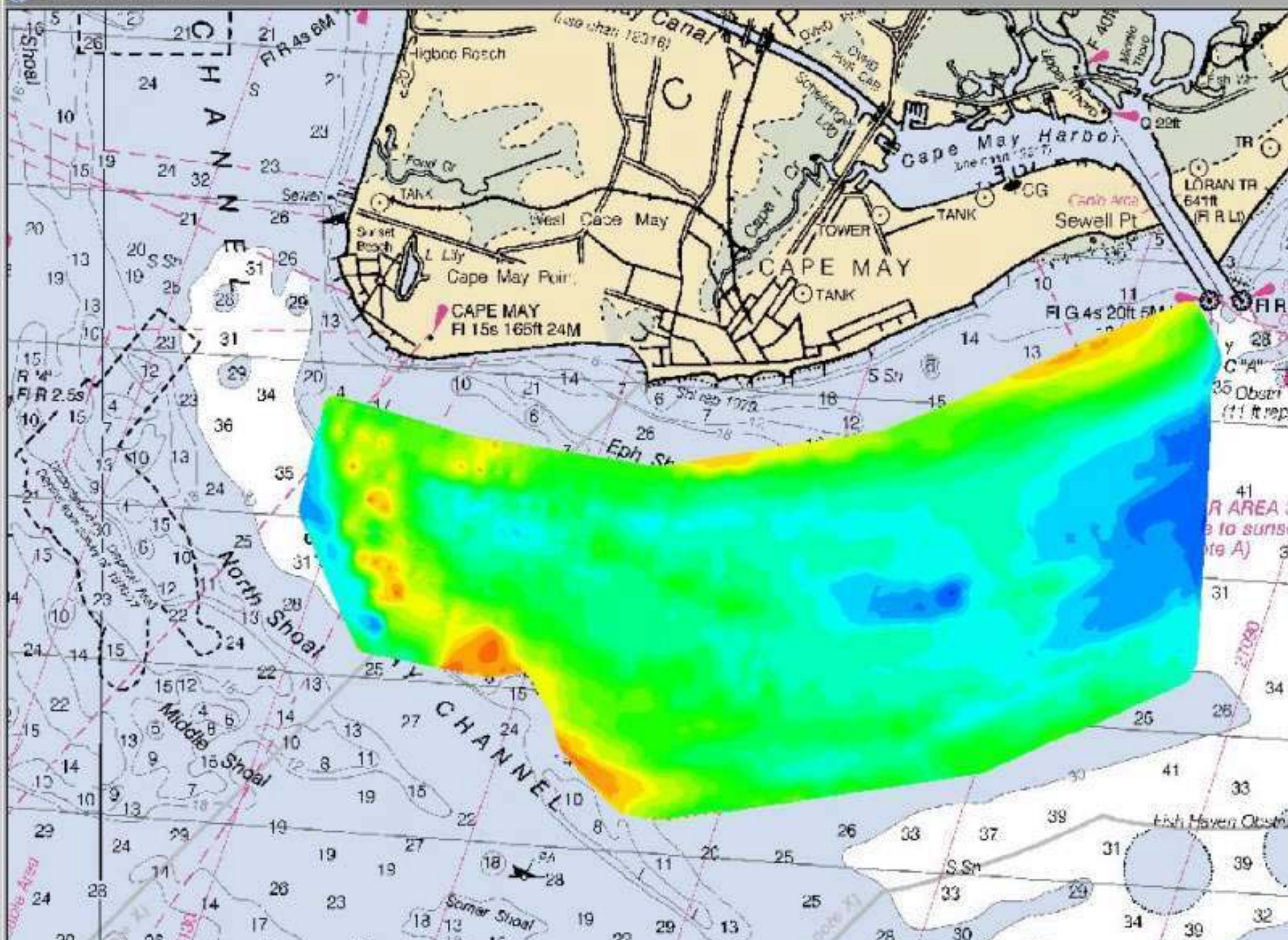


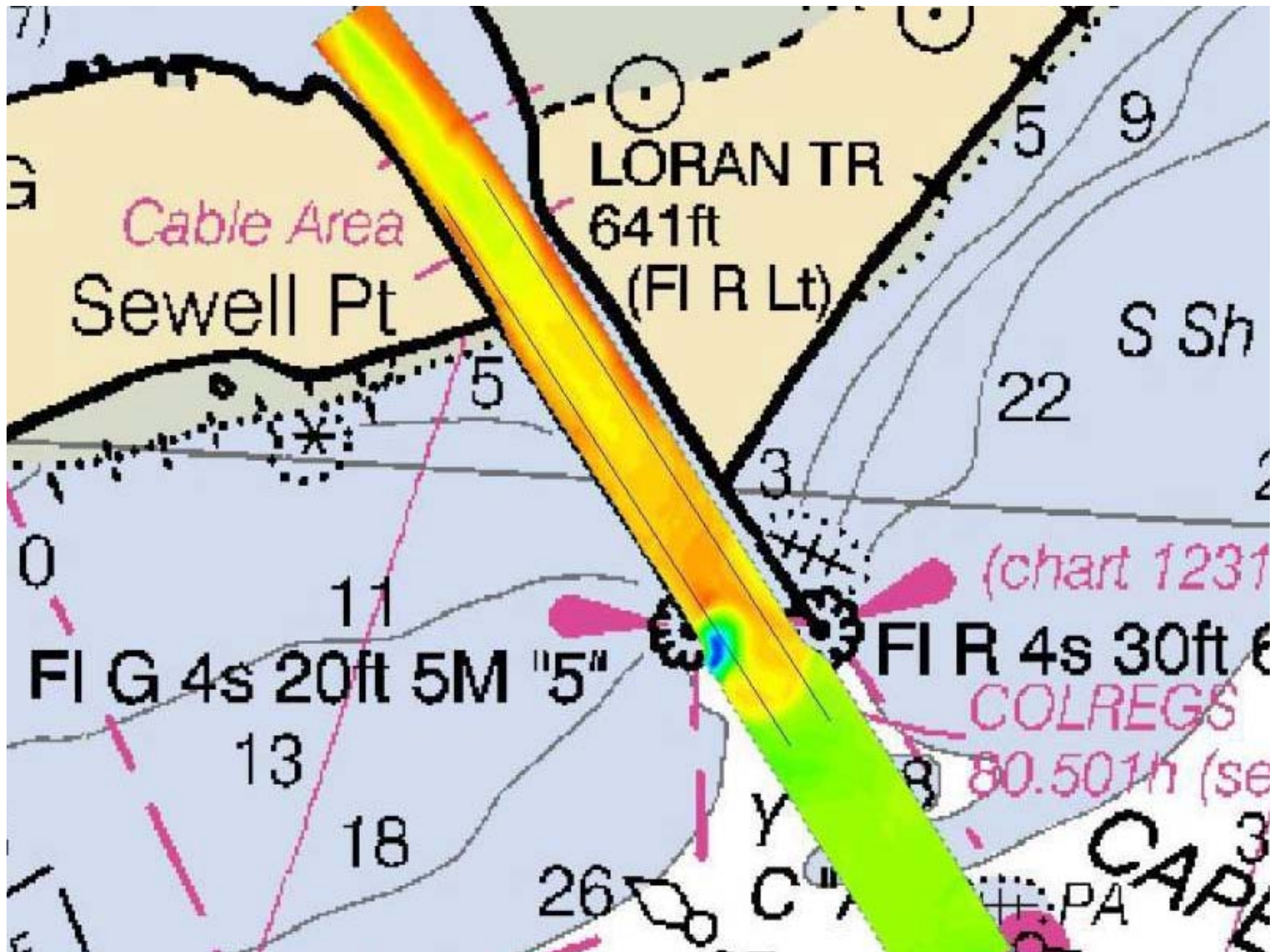


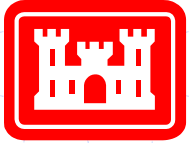
Lower Cape May Meadows, 3 March 2004

Existing borrow areas at Cape May, NJ (state waters)









Incorporate borrow area resource data into GIS

- Coastal GIS will enable the USACE to
 - Enhance coastal data archive, distribution and presentation capabilities
 - Facilitate coastal engineering analyses
 - Enhance coordination within USACE and stakeholders
- Coastal GeoDatabase development will enable the USACE to:
 - Organize all coastal spatial data in one location
 - Inventory of map layers created from data in GeoDatabase
 - Ability to expand GeoDatabase indefinitely
 - Capability of sharing coastal data with others for potential web-based access

GeoDatabase

Open Design New

Objects

- Tables
- Queries
- Forms
- Reports
- Pages
- Macros
- Modules

Groups

- Favorites

Create table in Design view

Create table by using wizard

Create table by entering data

abi-copy

ADDRESS

AGENCY

agency_owned_area

agency_owned_area_SHAPE_Index

aquatic_vegetation_area

aquatic_vegetation_area_SHAPE_Index

bathymetry_area

bathymetry_area_SHAPE_Index

borehole_point

borehole_point_SHAPE_Index

Borrow_area_points

Borrow_Extents

Borrow_Extents_SHAPE_Index

bulkhead_line

CHANNEL_TEMPLATE

control_point

control_point_SHAPE_Index

CORE_ANALYTICAL_RESULT

CORE_SAMPLE

DATA_QUALITY_INFORMATION

depth_contour_line

depth_contour_line_SHAPE_Index

distance_marker_point

distance_marker_point_SHAPE_Index

district_area

district_area_SHAPE_Index

dod_property_interest_area

dod_property_interest_area_SHAPE_Index

dod_property_interest_point

dod_property_interest_point_SHAPE_Index

dod_property_monument_point

dod_property_monument_point_SHAPE_Index

Borrow_area_points : Table

	borrow_name	borrow_desc	area_size	area_u	coord_x	coord_y	Projectn_d	Datum_d
▶	A	Absecon (Absecon Inlet)	96	acres	516440	198015	NJ State Plane	NAD 83
	A	Absecon (Absecon Inlet)	96	acres	516917	197969	NJ State Plane	NAD 83
	A	Absecon (Absecon Inlet)	96	acres	518345	195377	NJ State Plane	NAD 83
	A	Absecon (Absecon Inlet)	96	acres	519853	192715	NJ State Plane	NAD 83
	A	Absecon (Absecon Inlet)	96	acres	520400	191750	NJ State Plane	NAD 83
	A	Absecon (Absecon Inlet)	96	acres	519765	191311	NJ State Plane	NAD 83
	B	Absecon (Absecon Inlet)	37	acres	516917	197969	NJ State Plane	NAD 83
	B	Absecon (Absecon Inlet)	37	acres	517693	197895	NJ State Plane	NAD 83
	B	Absecon (Absecon Inlet)	37	acres	518792	195678	NJ State Plane	NAD 83
	B	Absecon (Absecon Inlet)	37	acres	518345	195377	NJ State Plane	NAD 83
	C	Absecon (Absecon Inlet)	27	acres	518345	195377	NJ State Plane	NAD 83
	C	Absecon (Absecon Inlet)	27	acres	518792	195678	NJ State Plane	NAD 83
	C	Absecon (Absecon Inlet)	27	acres	519368	195324	NJ State Plane	NAD 83

Record: 1 of 208

Store multi-agency data in one location to facilitate sharing

- **New Jersey Geographic Information Network**

- Gateway to New Jersey geospatial information
- Geographic data is cataloged and accessed centrally, but hosted and managed locally
- NJGIN Explorer allows users to search and retrieve geospatial metadata, downloadable data, and maps and documents
- Different levels of sharing (public, agency-specific, project specific, sensitive)
- NJ Image Warehouse
 - 2002 orthoimagery tiles and 1995 quarter quads
 - 2003 coastal orthoimagery collected by USACE
- Partners include NJDEP and six Counties
- <https://njgin.state.nj.us/>

njgin Explorer

Explorer

> help

Search

Browse

Favorites

1 Where would you like to explore?

Search for a place name (e.g., Trenton):

Find

or draw search area ☐:



2 What would you like to find?

Choose content type:

Choose content theme:

Optional Keyword (e.g. river):

[More Search Options...](#)

3 Start Search

Records Found: 2

[Print](#)
[Preview](#)

Search Results

Title: [NJDEP Shoreline Structures of the Coastline of New Jersey Along the Atlantic Ocean and Inland Bays.](#)

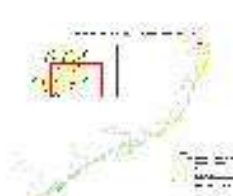
Publisher: NJDEP

Coverage Area: New Jersey

Map Scale: 1:24000

Content Type: Downloadable Data

[View Details](#)



Title: [NJDEP Shoreline Typing for Coastlines of New Jersey Along Its Atlantic and Inland Bays](#)

Publisher: NJDEP

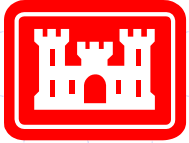
Coverage Area: New Jersey

Map Scale: 1:24000

Content Type: Downloadable Data

[View Details](#)





Collaboration

- Inventory
 - Borrow areas inside the 3-mile limit
 - Potential borrow areas outside of the 3-mile limit
 - Geotechnical, environmental, ordinance constraints to reduce borrow area restrictions
 - Inlet sediment bypassing opportunities
- Incorporate data into GIS
- Store/share multi-agency data at a central location
- Create a multi-agency working group
- Hold workshop to discuss specific data availability, sharing concerns and location

