

Cape Cod Commission

BARNSTABLE COUNTY

FISCAL YEAR 2001
Annual Report



**Cape Cod Commission Annual Report
Fiscal Year 2001**

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Cover photo: Outflow from Shawme Pond in Sandwich.

 Printed on recycled paper.



Cape Cod Commission Members

Fiscal Year 2001

(July 1, 2000 through June 30, 2001)

Frank Shephard, Chair
Elizabeth Taylor, Vice Chair
Robert D. Deane, Secretary

Appointed Town Representatives:

Barnstable	David Ansel
Bourne	Robert D. Deane
Brewster	Elizabeth Taylor
Chatham	Catherine Frazer
Dennis	Joseph Travelo
Eastham	Ian Aitchison
Falmouth	Frank Shephard
Harwich	Michael Sekerak
Mashpee	Ernest Virgilio
Orleans	Herbert Olsen
Provincetown	Gwen Bloomingdale (to 9/00), Len Stewart
Sandwich	Jay Schlaikjer
Truro	Kenneth Brock (to 8/00), Susan Kadar
Wellfleet	Alan Platt
Yarmouth	Thomas Broidrick
County Commissioner	Robert O'Leary
Minority Representative	Robert Randolph
Native American Representative	Gloria Brundage
Governor's Appointee	vacant

Special thanks to Commission member Ken Brock for his contributions during the past decade.

Cape Cod Commission Staff

Fiscal Year 2001



Margo Fenn, *Executive Director*
John Lipman, *Chief Planner/Deputy Director*

● **Administration**

Gail Coyne, *Assistant to the Executive Director for Administration and Finance*
Kerien Cahoon, *Executive Assistant*
Gail Hanley, *Department Assistant III*
Priscilla Prahm, *Department Assistant III*
Cynthia Reynolds (through 1/01), then Joan McCarty, *Department Assistant II*
Nancy Hossfeld, *Communications Coordinator*
John Morse, *Information Technology Specialist*
Margaret Callanan, *Staff Attorney*
Katharine Peters, *Commission Clerk*

● **Affordable Housing**

Edward Allard (through 6/01), then vacant, *Affordable Housing Specialist*
Arden Cadrin, *Department Assistant III–Affordable Housing*

● **Economic Development**

James O’Connell (through 5/01), then vacant, *Economic Development Officer*
Marilyn Fifield, *Research Analyst*

● **Geographic Information System (GIS)**

Gary Prahm, *Systems Manager*
Benjamin Smith, *GIS Analyst*

● **Marine and Coastal Resources**

Steven Tucker, *Marine Resources Specialist*

● **Natural Resources and Land Protection**

Kathy Sferra (through 7/00), then Heather McElroy, *Natural Resources/Land Protection Specialist*

● **Planning, Community Development, and Regulatory Activities**

Dorr Fox, *Chief Regulatory Officer*
Andrea Adams, *Planner II*
Sarah Korjeff, *Planner II*
Gregory Smith, *Planner II*
Tana Watt, *Planner II*
Gay Wells, *Planner II*
Carolle White, *Department Assistant III–Planning/Regulatory*
Sharon Rooney, *Senior Regulatory Planner*
Martha Hevenor, *Planner I*
Heather McElroy (through 7/00), then Martha Twombly, *Planner I*
Paul Sutton (through 8/00), then Van Morrill, *Planner I*
Seth Wilkinson (through 5/01), then Stacey Justus, *Planner I*

● **Transportation**

Robert Mumford, *Program Manager*
Lev Malakhoff, *Senior Transportation Engineer*
Glenn Cannon, *Transportation Engineer P.E.*
B. Clay Schofield, *Transportation Engineer P.E.*
Paul Tilton (through 12/00), then Timothy Boesch, *Transportation Engineer*
Priscilla Leclerc, *Senior Transportation Planner*
John Jannell, *Transportation Analyst*

● **Water Resources**

Thomas Cambareri, *Program Manager*
Eduard Eichner, *Water Resources Scientist*
Gabrielle Belfit, *Hydrologist*
Scott Michaud, *Hydrologist*
Donna McCaffery, *Water Resources Project Assistant*

A Message from the Chair and the Executive Director

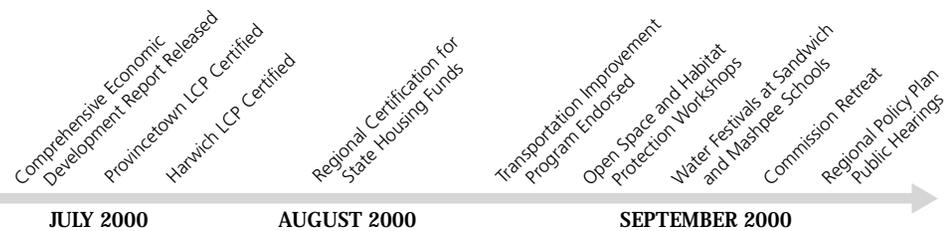
Across Cape Cod, residents, officials, and community leaders focused sharply on the issue of growth management during Fiscal Year 2001. The statistical indicators of growth, particularly the U.S. Census figures for 2000, affirmed what many already believed through experience: The population of Cape Cod is growing at a remarkable rate (over 19 percent in Barnstable County in the past decade), and the impacts of that population growth, particularly the addition of more than 16,000 new housing units in the decade, have been felt in all sectors of our communities. Many expressed the need to call “time out,” to reassess where our communities are headed and how they want to look and feel as they develop.

The Cape Cod Commission took time to evaluate its own work during

Fiscal Year 2001. Having achieved a milestone the year before (the tenth anniversary of the agency’s founding), Commission members and staff separately and together examined the agency’s accomplishments, its shortcomings, and its continuing and future challenges throughout the year. The kickoff to this period of reflection was a Commission retreat in September 2000, to which nearly 50 community leaders, legislators, town officials, developers, business representatives, and environmental and housing advocates were invited. The conversation was frank, the discussion stimulating, and the ideas forthcoming. Together, the group identified several priorities for the Commission as it entered its second decade:

- improved relationships with Cape towns, with an emphasis on

Fiscal Year 2001



assisting their efforts to develop and (especially) implement their Local Comprehensive Plans;

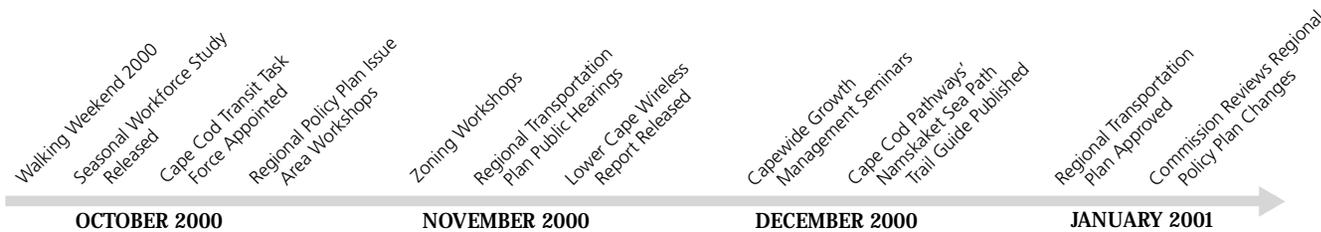
- greater emphasis on residential growth management, an area that the Commission's regulatory powers have been little able to influence because so few residential developments exceed the regional review threshold; and
- enhanced focus on affordable housing needs in the region, with particular attention to state "Comprehensive Permits," or Chapter 40B developments.

The retreat focused our priorities and clarified our challenges, which Commission activities reflected through Fiscal Year 2001 and into 2002.

The Commission's year-long effort to update the Cape Cod Regional Policy Plan was a top priority during Fiscal Year 2001 following the retreat. Our public hearing process, our work with town planners, and our discussions with community leaders and developers have produced a draft

update that focuses strongly on guiding residential and commercial growth to areas that can support it and away from areas that cannot. We have worked hard to incorporate incentives that complement that goal while not undermining the environmental protection and community character goals that are part of the Commission's charter. The draft plan proposes to ease some regulatory requirements in defined growth zones and to strengthen some requirements in areas outside those zones. As Fiscal Year 2002 began, we prepared the final draft 2001 Regional Policy Plan for the Barnstable County Assembly of Delegates to consider for eventual approval as a county ordinance.

Working with the business community and local leaders, the Commission continues to encourage growth management, particularly residential growth management, where it is needed and where it most appropriately belongs—at the town level. Throughout Fiscal Year 2001, the Commission worked to support the ongoing efforts of many towns to complete their Local Comprehensive Plans.



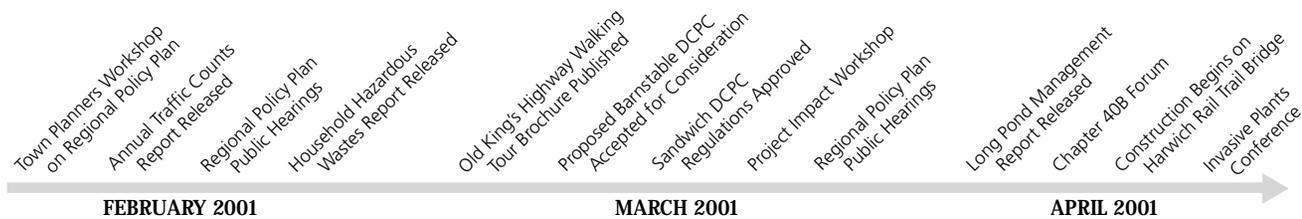
The Commission certified the plans for Harwich and Provincetown in July 2000 and finalized certification of the Orleans plan in July 2001. Other towns, such as Barnstable, Falmouth, and Truro, are implementing and updating their plans. We congratulate all Cape towns that have achieved certification for their plans (now a total of nine towns), and we encourage all to recognize the importance of committing to capital improvements and infrastructure as they implement those plans.

Another significant highlight of the year was the increased interest in Districts of Critical Planning Concern (DCPC). DCPCs provide communities the opportunity to take a “time out” from development to devise special tools to manage growth. In Fiscal Year 2001, Sandwich and Harwich adopted regulations to implement districts established in 2000. Across the Cape, other communities examined the possibilities for DCPCs and engaged in lively debate over their utility and merits. Wellfleet considered a DCPC to address scenic vistas and subdivision controls. Eastham

debated a DCPC for access management along Route 6. Dennis considered a DCPC to protect a sensitive area along the coast of Cape Cod Bay. Barnstable took the boldest step, pursuing its growth management and affordable housing goals by nominating the entire town as a DCPC for those purposes in late February 2001. As the fiscal year came to a close, the Barnstable DCPC nomination moved to the floor of the Barnstable County Assembly of Delegates.

Working through these ideas has been challenging, but the dialogue and issues raised through these discussions have been necessary for the region to get a better grasp of urgent challenges facing each town and the Cape as a whole. More than a dozen different types of DCPCs are possible, as defined in the Cape Cod Commission Act, and we encourage all Cape communities to consider using DCPCs to achieve their goals.

Our efforts to identify affordable housing needs and possible solutions intensified during Fiscal Year 2001. On behalf of Barnstable County, the



Commission has long supported and operated a number of important housing programs, such as the Soft Second Loan Program and the Down Payment Closing Cost Assistance Program, and the region was fortunate to continue to receive a high level of support from federal and state sources of housing funds. In addition, the Commission organized a major regional conference on Chapter 40B developments, which was well attended by local housing officials, planners, developers, political leaders, and others. The session illuminated the Chapter 40B process, its strengths and weaknesses, and, most significantly, informed participants of the importance of local preparation and appropriate measures to guide potential future Chapter 40B projects proposed for their communities. When our long-time affordable housing specialist, Ed Allard, resigned for a career advancement off Cape this year, we began the search for his replacement immediately. We will continue to work diligently to address affordable housing concerns regionally and to assist local communities in their efforts.

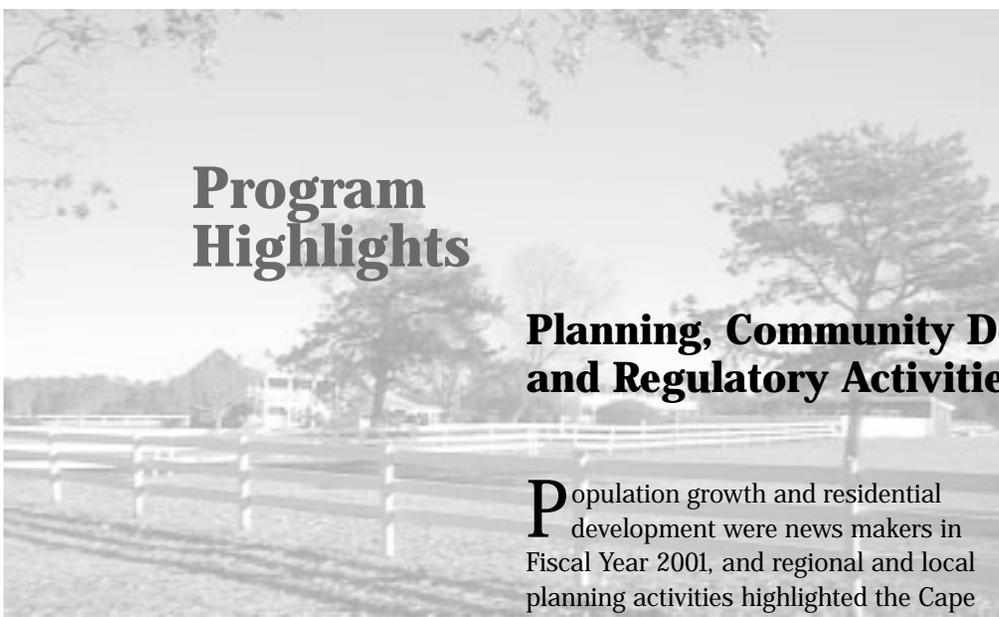
We close our report noting that the year brought renewed commitment to Cape Cod towns as they define their goals and work through their very important efforts to maintain Cape Cod's quality of life and the unique "sense of place" of its residents.



Frank Shephard
Chair, Fiscal Year 2001
Representative from Falmouth, 1997 to present

Margo Fenn
Executive Director





Program Highlights

Planning, Community Development, and Regulatory Activities

Population growth and residential development were news makers in Fiscal Year 2001, and regional and local planning activities highlighted the Cape Cod Commission's activities. Early in the year, the Commission began review of the Regional Policy Plan; by the end of the fiscal year, the Commission released for public comment the first complete draft of the 2001 plan. Several Cape towns also aggressively approached planning this year, some by finalizing and updating Local Comprehensive Plans (LCPs) and some by nominating Districts of Critical Planning Concern (DCPCs). The Commission's ongoing regulatory program complemented these activities.

Regional Policy Plan 2001 Update

The Cape Cod Regional Policy Plan is Barnstable County's road map for the review of major developments, the protection of Cape Cod's environment and character, the enhancement of economic development, and the promotion of

affordable housing. The goals and standards within the plan are also the primary guide for the Commission's regulatory process and regional planning initiatives, and the efforts by Cape Cod towns to develop their Local Comprehensive Plans.

The Regional Policy Plan must undergo review and revision, if needed, every five years. It was last updated in 1996, making its revision a priority for 2001.

Throughout the year, the Commission held numerous public hearings, workshops, and meetings with citizens and officials across the Cape to discuss the plan, propose changes, and receive input. By June 2001, the Commission released a draft update that reflected the collective vision of those who participated in the review process. The draft strongly focuses on guiding residential and commercial growth to areas that can support it and away from areas that cannot. It also encourages "infill" development and appropriate redevelopment of existing facilities. Also featured in the proposed plan is a major initiative

to create a long-term regional facilities and infrastructure plan. The Commission proposes to work with all Cape towns to identify infrastructure needs, establish priorities, identify funding sources, and facilitate infrastructure development.

The Barnstable County Assembly of Delegates will consider the draft Regional Policy Plan for adoption as a county ordinance during the fall and early winter of 2001.

Local Comprehensive Plans

The Cape Cod Commission certified the Local Comprehensive Plans of two Cape towns early in Fiscal Year 2001, bringing the total to eight communities to reach certification by the end of the year. Provincetown's plan achieved certification in mid July 2000, followed closely by Harwich's plan, which achieved certification in late July. The plan of the Town of Orleans approached certification as the next fiscal year began. Several other towns with previously certified plans began or continued their efforts to implement and update them.

Districts of Critical Planning Concern

Fiscal Year 2001 was a very active year for local growth management efforts, and

the term "District of Critical Planning Concern," or DCPC, became part of the everyday discourse in many Cape towns. This special tool, provided by the Cape Cod Commission Act, allows towns to take a "time out" from development to make and revise plans and regulations that will more effectively allow them to manage growth or address particular land use issues in their communities.

This year, the Town of Sandwich adopted its implementing regulations for the Three Ponds DCPC in the southeastern part of town. The Barnstable County Assembly of Delegates designated the district, which encompasses nearly 700 acres of land and over 300 acres of water in three ponds, in February 2000. Voters approved zoning changes and implementing regulations at Sandwich Town Meeting in March 2001.

The Town of Harwich also developed implementing regulations this year for its Six Ponds DCPC in the northeastern part of town. The Assembly of Delegates designated the district, which encompasses more than 1,300 acres of land and water, including significant coastal plain pond habitat, in May 2000. The Cape Cod Commission approved the town's proposed implementing regulations as Fiscal Year 2002 began, and residents were to vote on the zoning changes and implementing regulations at a special town meeting in August 2001.

The Town of Barnstable pursued an ambitious approach to implement important goals of their Local Comprehensive Plan this year, proposing a DCPC for the entire town to address growth management and affordable housing through a phased-in building cap. Central to the proposal was the assurance a DCPC provides that all property owners will be treated equally. The Cape Cod Commission voted to consider the DCPC nomination in March 2001, then to recommend designation to the Assembly of Delegates in late April. The Assembly returned the proposal to the Commission for further study. In July the Commission reported its findings and recommendations back to the Assembly, which was to vote on the DCPC designation by fall 2001.

Other communities also considered DCPCs this year, including Wellfleet, Eastham, and Dennis.

Regulatory Activities

The Commission's review of Developments of Regional Impact (DRIs) ensures that the benefits gained from major developments are greater than any detriments imposed by them. Mitigation measures often are required and development conditions placed on approved DRI projects to balance impacts in many ways. The review process results in the preservation of open space, provision of affordable housing, improvements to the

region's transportation infrastructure, and protection of the region's groundwater and natural resources.

In Fiscal Year 2001, the Commission actively reviewed 64 proposals for Developments of Regional Impact (DRIs) and 25 proposals for modifications to previously approved DRIs. The Commission completed the review of and issued decisions on a total of 23 DRIs (see next page; a breakdown by town is also provided in the "Services to Towns" section of this report). This year's DRIs included proposals for major commercial projects, self-storage facilities, golf courses, scientific research and non-profit facilities, wastewater treatment facilities, and residential subdivisions. In addition, the Commission monitored many development activities for compliance with conditions set during Commission review and followed many previously approved DRIs through the local review process.

The Commission also provided comments on many projects pursuing state permits through the Massachusetts Environmental Policy Act (MEPA) Office. In addition, the Commission supported local communities by reviewing and commenting on "Comprehensive Permits," or Chapter 40B, housing development proposals.

Development of Regional Impact (DRI) Reviews Completed in Fiscal Year 2001

PROJECT NAME	TOWN	DESCRIPTION	DECISION – TYPE – DATE
Ballymeade ANR	Falmouth	Subdivision of a 49-acre parcel into two lots: one 9.5-acres, one 39.5-acres.	Approved – DRI – 07/31/00
Woods Hole Research Center/ Gilman Ordway Campus	Falmouth	Renovation and expansion of a residence into an office and laboratory space.	Approved – DRI Exemption – 07/31/00
Outer Cape Mini-Storage	Truro	Construction of a second self-storage building at an existing facility.	Approved – DRI Exemption – 07/31/00
Dacey Historic House	Yarmouth	Demolition of an historic house and subsequent construction of a new building.	Approved – DRI – 08/10/00
Locke Property	Provincetown	Twenty-lot subdivision for 18 new single-family homes.	Denied – Procedural Denial – 09/07/00
Fennell Reconfiguration	Harwich	Reconfiguration of lot lines to make two one-acre lots in the Six Ponds DCPC.	Denied – Hardship Exemption – 09/21/00
Lowell Road Subdivision	Mashpee	Subdivision with 28 lots for three-bedroom single-family homes.	Approved – DRI – 09/21/00
Communica, Inc.	Bourne	Construction of a two-story office building.	Approved – DRI – 11/02/00
Falmouth Fire/Rescue Communications Tower	Falmouth	Construction of a 120-foot municipal communications tower to replace an existing 80-foot tower.	Approved – Hardship Exemption – 11/16/00
Barbour Nominee Trust ANR	Brewster	Subdivision of a 32-acre parcel into five lots, with 20 acres deeded as open space.	Approved – DRI Exemption – 11/30/00
Talanian Realty/SouthCape Factory Outlet/Village	Mashpee	Redevelopment of a flea market/miniature golf site into an outlet center and shopping mall with restaurants.	Approved – DRI – 12/14/00
Christy's of Cape Cod/"Phase 1" CanalSide Commons Site	Bourne	Replacement and relocation of gas/service station near the Bourne Rotary on land leased from the proposed CanalSide Commons parcel.	Approved – DRI – 01/18/01
Cape Sagamore Highlands	Bourne	Clustered subdivision of 33 single-family homes.	Approved – DRI – 01/18/01
Falmouth Fire/Rescue Headquarters	Falmouth	Expansion and renovation of headquarters facility.	Approved – DRI – 02/15/01
Provincetown Wastewater Management Facilities Plan	Provincetown	Comprehensive wastewater plan with downtown sewers, new treatment plant, and leaching fields.	Approved – DRI – 03/29/01
Great Atlantic & Pacific Tea Company	Dennis	Construction of a supermarket and demolition of an existing horse farm and apartments.	Denied – DRI – 04/12/01
Childs 19-lot Subdivision	Barnstable	Nineteen-lot residential subdivision.	Denied – Procedural Denial – 04/12/01
Childs 16-lot Subdivision	Barnstable	Sixteen-lot residential subdivision.	Denied – Procedural Denial – 04/12/01
Linden Place Subdivision	Barnstable	Eleven-lot residential subdivision.	Denied – Procedural Denial – 04/12/01
JAC Self-storage Facility	Bourne	Self-storage facility with 200 units in five buildings, plus an office building and on-site management facility.	Approved – DRI Exemption – 05/10/01
Falmouth Wastewater Facilities Plan	Falmouth	Wastewater plan to upgrade existing West Falmouth treatment plant, increase capacity, and make regulatory changes.	Approved – DRI – 05/10/01
Cotuit Landing	Barnstable	Redevelopment of a strip commercial center with expansion of supermarket.	Approved – DRI – 06/21/01
Cape Light Commons	Yarmouth	Construction of a new office building and six self-storage buildings.	Denied – DRI – 06/21/01

Program Highlights



Affordable Housing

The Cape Cod Commission supports a combination of regional and local approaches to address the Cape’s affordable housing challenges. Through the Barnstable County HOME Consortium, the Commission coordinates and distributes regional, state, and federal funds to each Cape community through a variety of programs. The Commission also works closely with the Barnstable County Commissioners and Assembly of Delegates to fund special projects, such as the proposed conversion of the former Barnstable County Hospital into an affordable assisted living facility. On the local level, the Commission works closely with local housing authorities and nonprofit organizations to provide technical assistance.

HOME Consortium Programs

A 17-member HOME Advisory Council guides the activities of the Barnstable County HOME Consortium, which receives funds from state and federal

sources. The program supports these and other affordable housing initiatives:

- **HOME Funds:** Last year the program committed or continued to service awards totaling about \$750,000 to create or rehab about 280 units Capewide.

- **Down Payment Closing Cost Assistance Program:** Last year the program provided 40 loans totaling over \$167,500 Capewide.

- **Homeowner Repair Program:** Last year the program provided 13 loans totaling over \$75,000 Capewide. The loans allowed qualified homeowners to repair septic systems, roofs, and more.

Soft Second Loan Program

Another successful program that the Commission administers is the Soft Second Loan Program for qualified first-time home buyers. The program reduces loan costs and interest rates and subsidizes

interest payments for the first 10 years of the “soft second” part of the mortgage. Last year the program supported 39 households Capewide.

Technical Assistance Program

In Fiscal Year 2001, the form and manner of local assistance from the Commission’s affordable housing Technical Assistance Program changed. In the past, the program contracted with local consultants to support each town. This year, the program made cash awards directly to eligible local projects, which ranged from site assessments to engineering studies to feasibility analyses to strategic planning. In addition to the eight awards totaling \$25,000 that the program provided to Cape towns, the Technical Assistance Program awarded \$3,000 to the nonprofit Housing Assistance Corporation for a regional planning project, and \$3,000 to the nonprofit Habitat for Humanity for its work in several towns.

Understanding Chapter 40B

The Commission supported several communities in their analyses of Comprehensive Permits, or Chapter 40B developments, this year. In addition to providing technical assistance and comments on those proposals, the Commission sponsored a day-long forum for all interested parties about Chapter 40B developments and the rules that govern them. Speakers from state and municipal agencies joined housing advocates to explore the benefits and limits of this Massachusetts law. The forum offered advice and encouragement to Cape towns to take important steps to shape good 40B projects in their communities.



Program Highlights

Economic Development

The Cape Cod Commission supports a broad-based approach to economic development, understanding that affordable housing, transportation services, water supply and quality, and protection of our environmental assets have a significant impact on the Cape's ability to attract and maintain businesses, tourism, and the arts and cultural communities. The Commission's goal is to enable economic growth by balancing these issues. In Fiscal Year 2001, the Commission's economic development program continued to focus on several key activities: economic and demographic research and data analyses, promotion of the Cape's heritage tourism industry, and enhancement of the region's telecommunications infrastructure.

Research and Data Analyses

The Commission sponsored a significant study of Cape Cod's seasonal work force this year. The Center for Policy Analysis at the University of Massachusetts-Dartmouth prepared the report under contract with the Commission, and the

report was released in October 2000. For the study, researchers sent a questionnaire to 1,700 Cape business establishments. Their responses confirmed what many had suspected: Unemployment has been very low, and competition for qualified employees has been particularly fierce for seasonal enterprises. Many businesses rely on college and high school students, but the availability of these workers is limited during the important "shoulder" seasons. The lack of available housing for a fluctuating, temporary work force is also problematic. The fastest-growing sources of seasonal labor are foreign college students with special visas, temporary workers with special visas, and resident retirees. The study estimates that nearly 10 percent of the seasonal work force commutes to jobs on the Cape from neighboring Plymouth and Bristol counties.

The Commission continues to serve as the region's designated "Business and Industry Data Center" for the dissemination of U.S. Census Bureau data. The

bureau released population statistics from the U.S. Census 2000 in March 2001, further detail in June 2001, and planned releases of social and economic characteristics in the coming year.

In Fiscal Year 2001, the Commission also responded to over 500 economic and demographic data inquiries. Approximately 44 percent were business-related, another 31 percent were from public agencies and officials, and the remaining 25 percent were from others, including news media, students, and the public. In addition, the Commission shared important growth and economic statistics through press releases, a Web site (www.capecodcommission.org/data), and continued distribution of the *CapeTrends* publication.

Heritage Tourism

The Commission organized the eighth annual “Cape Cod Maritime Days” in mid May 2001, a highly popular event celebrating the region’s maritime culture and history. Over 40 activities were offered in cooperation with local museums, galleries, historical sites, and local attractions.

In addition, the Commission continues to sponsor the “Heritage Discovery Network,” an online database (www.capecodcommission.org/hdn)

that one can search for current events and sites to visit on Cape Cod.

Regional Infrastructure

Throughout the year, the Commission continued to support efforts to improve Cape Cod’s technology infrastructure. The Commission worked closely with the Cape Cod Technology Council and telecommunications service providers to enhance the variety and reach of high-capacity services in the region. As we enter Fiscal Year 2002, the Commission is preparing to begin a Capewide, long-term (20-year) “Regional Infrastructure and Facilities Plan” to identify infrastructure needs (including telecommunications, wastewater treatment, transportation, and other needs), establish priorities, identify funding sources, and facilitate infrastructure development across the Cape.



Program Highlights

Geographic Information System

The Geographic Information System (GIS) Office of the Cape Cod Commission supports the planning and regulatory work of the Commission and provides technical assistance to Cape communities in the form of maps and geographic data. Examples of projects completed in Fiscal Year 2001 are maps of wireless telecommunications facilities, roadway levels of service and traffic counts, capital facilities and infrastructure, and analyses of lot sizes in various communities. In addition, the GIS Office produced a map used in a newly published brochure about walking opportunities in the Old King's Highway Regional Historic District.

Parcels Updates

The Commission's Geographic Information System incorporates many types of data that can be compiled to meet various planning needs. Parcels data are the basis for the system, enabling comprehensive analyses by combining various "themes" (such as open space,

nitrogen loads, etc.) in layers that create a composite picture of Cape Cod land use. Some of the parcels data in the Commission's system is nearing seven years old, which makes analyses of current conditions difficult after a period of intense development and growth in the region. This year, the Commission's GIS Office was able to update the system's parcels data for eight towns: Barnstable, Bourne, Falmouth, Harwich, Mashpee, Orleans, Sandwich, and Yarmouth. Support for the effort came from each town, primarily through the assessors' offices. The Commission will continue its efforts to update parcels data for other towns on the Cape.

Major Mapping and Data Analyses Projects

The Commission's GIS Office tackled several major projects this year, including completion of the Cape Cod "build-out" study that was sponsored by the Massachusetts Executive Office of Environmental Affairs in 1999. Commission

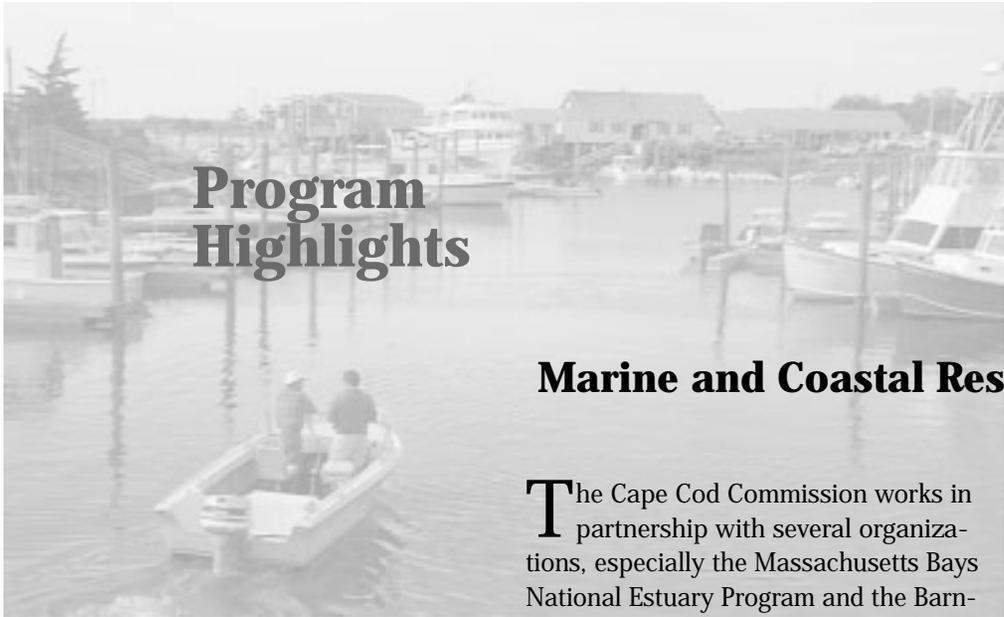
planners presented the buildout data and maps to each Cape community. The GIS Office also provided draft maps and analyses for the 2001 update of the Cape Cod Regional Policy Plan (described in the “Planning, Community Development, and Regulatory Activities” section of this report). The office also provided extensive mapping support for the nearly complete *Cape Cod Atlas of Tidally Restricted Salt Marshes*.

Throughout the year, the GIS Office continued to support the Commission’s ongoing nitrogen-loading studies of the Cape’s coastal embayments (described in the “Water Resources” section of this report). GIS work entailed overlaying watershed delineations onto parcels data to see how many lots affect wastewater and stormwater runoff into the embayments.

In spring 2001, the GIS Office began to support the new Cape Cod Pond and Lake Stewardship project (described in the “Water Resources” section of this report). The project will compile an atlas and a complete data set detailing the water quality of the Cape’s ponds and lakes. GIS work on the project includes collecting existing maps, digitizing the bathymetry (measures of the depth of the water bodies), and calculating the volume of water in the ponds and lakes.

Geographic Facts about Cape Cod

- **Population (from the 2000 U.S. Census):** 222,230
- **Total Area:** 412 square miles (396 square miles is upland)
- **Highest Point of Land:** Pine Hill in Bourne, 306 feet above sea level
- **Deepest Pond:** Mashpee Pond, 90 feet deep (pond surface is 55 feet above sea level; pond bottom is 35 feet below sea level)
- **Largest Freshwater Feature (in surface area):** Long Pond in Brewster and Harwich, 1.1 square miles
- **Total Land Area Dedicated to Golf (as of June 2001):** 5,150 acres (224,334,000 square feet)
- **Golf Area per Capita (as of June 2001):** 1,009 square feet (the equivalent of a typical putting green for every man, woman, and child on Cape Cod)



Program Highlights

Marine and Coastal Resources

The Cape Cod Commission works in partnership with several organizations, especially the Massachusetts Bays National Estuary Program and the Barnstable County Coastal Resources Committee, to protect and manage marine and coastal resources. Together these groups assist towns with environmental restoration, monitoring, and research. In Fiscal Year 2001, the Commission's efforts focused on the cumulative impacts of development and population growth, preservation of what remains of Cape Cod's traditional maritime aspects, and continued attention to the Boston Harbor sewage outfall operation.

As Fiscal Year 2002 began, a Cape-wide inventory and atlas of tidally restricted salt marshes neared completion. The Commission also began to organize the federally funded "Project Impact" program, which challenges local communities to take action to reduce the effects of natural disasters such as coastal storms and hurricanes. Future marine and coastal issues requiring attention by the Commission include

global climate change and potential sea-level rise, federal legislation related to fisheries conservation, and state and federal efforts to establish new marine protected areas and reorganize the existing system.

Growth Impacts on Coastal Areas

The increased development of Cape Cod has brought increased conflicts in coastal areas, including conflicts between types of uses (for example, boaters, swimmers, and personal watercraft or "jet skis") and between uses and conservation (for example, harvesting horseshoe crabs). The Commission and its coastal management partners researched case law and regulations about use conflicts and worked with individual Cape communities, such as those surrounding Pleasant Bay, in an advisory capacity. These efforts complemented the work of the Massachusetts Coastal Zone Management Office, which is extensively studying the environmental impacts of personal watercraft. The Commission also

tracked the efforts of the Massachusetts Division of Marine Fisheries to adopt and manage sensitive fisheries, such as the horseshoe crab, and to pursue baseline studies of species population, significant habitats, and impacts to date.

The Commission also worked diligently to monitor and, where possible, regulate the cumulative impacts of the Cape's population growth and development on such coastal uses as docks, piers, and moorings. Increased coastal development often leads to installation of more private docks or piers and more intense use of marginally accessible waterways. Owners of large boats have placed increased pressure on municipalities to dredge new channels and deepen or widen existing ones, which can disturb coastal ecosystems and increase the extent of potential damage from storm surges.

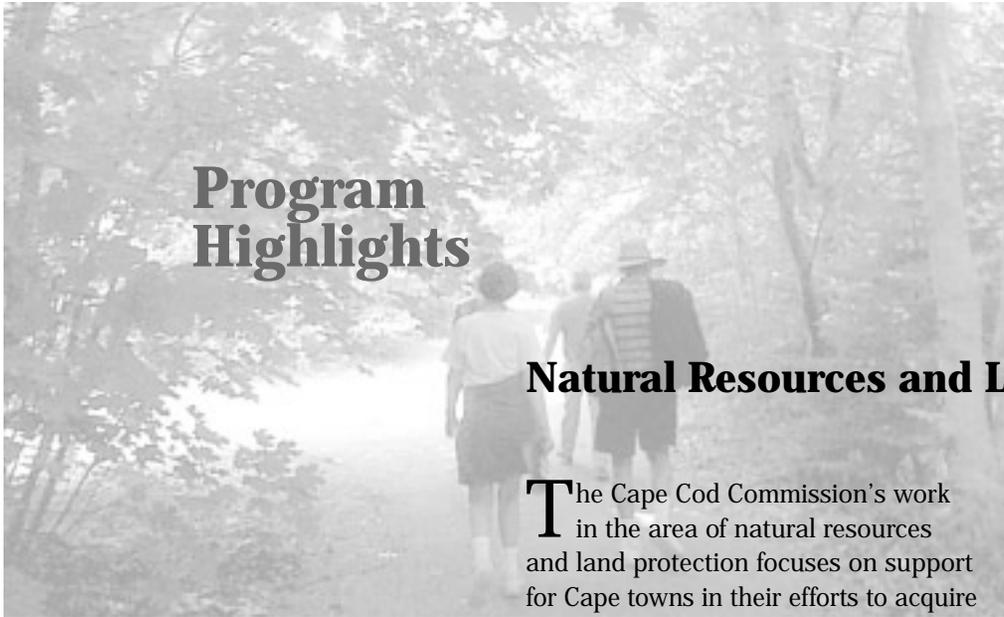
Cape Cod's Traditional Maritime Character

The Commission has worked with several towns during the past year to examine traditional maritime components of their community character and economy. For example, Chatham, Provincetown, and Sandwich are examining ways to define and sustain, when possible, their support and infrastructure for maritime uses.

The Commission is working with communities to help define their vision and focus efforts, including pursuit of capital projects, on the Cape's traditional ties to the sea.

Boston Harbor Sewage Outfall Operation

Last year, the Massachusetts Water Resources Authority (MWRA) received its federal and state permits to begin a massive sewage discharge operation from Boston Harbor. The outfall discharges about 370-million gallons per day of partially treated effluent 9.5 miles out into Massachusetts Bay. The Cape Cod Commission, working closely with the Bays Legal Fund (an organization supported by Cape towns and Barnstable County), the Barnstable County Science Advisory Panel, the Center for Coastal Studies, Save the Harbor/Save the Bay (a Boston organization), and others, continued to monitor the operation. Since its start-up, the facility has exceeded permit limits on discharges seven times. The Commission will remain involved in monitoring efforts, response plans, and future permit renewals.



Program Highlights

Natural Resources and Land Protection

The Cape Cod Commission's work in the area of natural resources and land protection focuses on support for Cape towns in their efforts to acquire and permanently protect open space and to incorporate natural resource protection measures in their Local Comprehensive Plans. The program also supports regional, state, and federal land- and resource-protection efforts, such as Barnstable County's Cape Cod Pathways project, the state's Community Preservation Act efforts, and the master planning process for the Massachusetts Military Reservation (MMR).

Land Bank Support

The Cape Cod Commission works in partnership with The Compact of Cape Cod Conservation Trusts and the Association for the Preservation of Cape Cod to provide technical assistance to local Land Bank committees. In the two full years since the inception of the Land Bank (1998), Cape communities authorized the purchase of about 1,700 acres with

Land Bank funds for conservation, recreation, or watershed protection.

The Commission coordinates meetings of a "Land Bank Roundtable," which invites chairs of local Land Bank committees to discuss open space acquisitions and specific issues relating to the 1998 legislation. The Commission also sponsors a Land Bank-related Web site (www.capecodcommission.org/landbank) to share information. This year, the Commission worked with Barnstable County's AmeriCorps-Cape Cod program to research Land Bank acquisitions, gather new insights about each town's efforts, and compile data to present on the Web site in Fiscal Year 2002. This year, the Commission also supported many local applications for state Self-Help grants for land acquisitions, which are detailed in the "Services to Towns" section of this annual report.

MMR Stewardship

The Commission continued to support the work of the Community Working

Group to review the Army National Guard's master plan for the Massachusetts Military Reservation. Emphasis this year was on review of the various stages of Environmental Impact Reports and participation in a task force created specifically to review environmental performance standards.

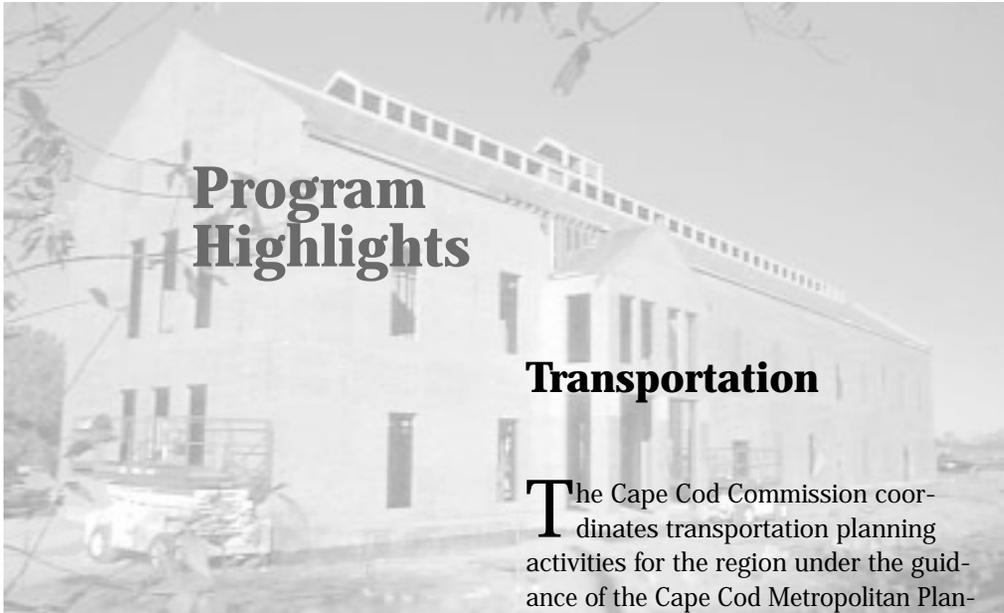
Invasive Plant Species

The Commission cosponsored a conference on invasive plants in April 2001, attracting nearly 125 participants from the entire New England region. Nearly 100 species of plants are a cause of concern, both in the state and on Cape Cod, including Phragmites, Japanese knotweed, oriental bittersweet, multiflora rose, bush honeysuckle, and autumn olive. These species have established themselves widely across the Cape, competing aggressively with native species; invasive species negatively affect wildlife habitat and open space. The Commission has begun to develop a technical bulletin to promote management of lands where invasive species presently exist and to help guide the regulatory review of developments that may inadvertently include invasive species in their landscape plans.

Cape Cod Pathways

In October 2000, Cape Cod Pathways sponsored the seventh annual Walking Weekend event, providing visitors and residents the opportunity to enjoy hikes and walks guided by local naturalists, historians, and walking aficionados. The event offered over 30 walks, including renowned and "best-kept secret" trails across the Cape.

In November, the Pathways program published its fourth trail guide, the *Namskaket Sea Path Trail Guide*. The Sea Path, designated in 1994 as the first intertidal walking trail in Massachusetts, is a five-mile loop between Skaket Beach in Orleans and Crosby Landing in Brewster.



Program Highlights

Transportation

The Cape Cod Commission coordinates transportation planning activities for the region under the guidance of the Cape Cod Metropolitan Planning Organization, a partnership of town and state officials. Responsibilities include preparation of annual work plans, the annual update to the Transportation Improvement Program (TIP), and development and implementation of the Regional Transportation Plan. All of these activities helped make nearly \$12 million of local and regional transportation projects eligible for state and federal transportation funding during the coming year.

Three-year Update to the Regional Transportation Plan

One of the Commission's major activities in Fiscal Year 2001 was to coordinate the three-year update to the Cape Cod Regional Transportation Plan. The Commission held public hearings and meetings in 2000 and 2001 to revise the plan, which seeks to balance efforts to expand the Cape's transportation capacity and

efficiency, to expand alternate modes of travel, and to implement local and regional projects through the TIP. The Cape Cod Metropolitan Planning Organization approved the plan in January 2001.

Transportation Construction Projects

The Commission coordinated the planning processes that resulted in three major projects breaking ground this year:

- the Route 6 bike bridge for the Harwich segment of the Cape Cod Rail Trail;
- the new configuration for Route 6 Interchange 9 in Dennis; and
- the Intermodal Transportation Center in Hyannis (photo this page).

All three projects were funded through the TIP process. The Commission also managed the contract for the design of the Harwich bike bridge, helped make the Interchange 9 work a regional

priority, and assisted the Cape Cod Regional Transit Authority (CCRTA) in developing the design, receiving the necessary approvals, and getting the funds for the Intermodal Center.

Cape Cod Transit Task Force

The Commission played a major role in supporting the work of the Cape Cod Transit Task Force, formally organized in October 2000 by the Massachusetts Secretary of Transportation and Construction (EOTC).

The task force includes representatives of U.S. Congressman William Delahunt, EOTC, CCRTA, the Woods Hole, Martha's Vineyard, and Nantucket Steamship Authority, the Cape Cod National Seashore, the Cape Cod Chamber of Commerce, the Massachusetts Highway Department, Cape Air, Cape Cod Central Railroad, the Southeastern Massachusetts Motor Carriers Association, the Barnstable County Assembly of Delegates, the Barnstable County Department of Human Services, and a transit-dependent consumer, as well as the Commission. The task force's goals are:

- to reduce auto dependency;
- to mitigate seasonal traffic;
- to meet the public transportation needs of the Cape's year-round population;

- to develop coordination, communication, and cooperation among transportation providers; and
- to incorporate land use planning into public transportation projects.

Aided by the Commission and the CCRTA, the task force has worked with the Volpe National Transportation Systems Center (Cambridge, MA) to implement some improvements within the first year and is developing a five-year plan for public transportation in the region. By summer 2001, the task force recommended several changes to summer CCRTA routes and intervals of service, including adding service on Sundays to ensure the possibility of car-free weekend travel around the Cape. As the new fiscal year began, the task force also launched a pilot program to support travel from the Boston area to the island of Martha's Vineyard. Dubbed "Relax and Ride," the program offers parking and shuttle service from the Route 128 MBTA/Amtrak parking facility in Westwood to Woods Hole on weekends throughout the summer, eliminating some of the traffic congestion on the Upper Cape.



Program Highlights

Waste Management

The Cape Cod Commission supports an integrated, regional approach to managing wastes across Cape Cod. The focus is on waste reduction, recycling, and composting to supplement waste disposal at the SEMASS waste-to-energy incineration facility in Rochester, Massachusetts. In calendar year 2000:

- The Cape's overall recycling rate was 30 percent. The state's goal is 40 percent.
- The SEMASS facility incinerated 164,812 tons of Cape Cod trash. Of that total, 115,000 tons shipped by rail, resulting in 5,122 fewer tractor trailers crossing the Cape Cod Canal.
- Under the existing contract with SEMASS (which will expire in 2015), most Cape Cod towns pay a "tipping fee" of \$37.50 per ton of solid waste at the SEMASS plant. The market rate charged off Cape is generally \$80 to \$85 per ton.

Fiscal Year 2001 marked the beginning of renewed Commission efforts to

help Cape communities focus on future regional waste management solutions given the impending SEMASS contract expiration.

Renewable Energy Trust Fund

Early in 2001, Cape Cod communities received the first of three disbursements from the Massachusetts Renewable Energy Trust Fund, which provides grants to help offset a portion of the capital costs associated with required clean-air emissions upgrades to the SEMASS incineration facility. Those costs are incorporated into the tipping fee each town pays to SEMASS. The trust collects a surcharge on electric utility bills, pools the funds, and disburses the grants, which towns may forward to SEMASS to reduce the retrofit surcharge.

The next round of disbursements from the Renewable Energy Trust Fund will be made in early 2002; the third round will be made in 2003.

Feasibility of Co-composting

Regional solutions for solid waste management in the future will involve a variety of approaches. An innovative one beginning to be explored as Fiscal Year 2001 came to a close is the possible development of a “co-composting” facility for the Lower Cape. The towns of Provincetown, Truro, Wellfleet, Eastham, and Orleans are considering such a facility, modeled after one on Nantucket.

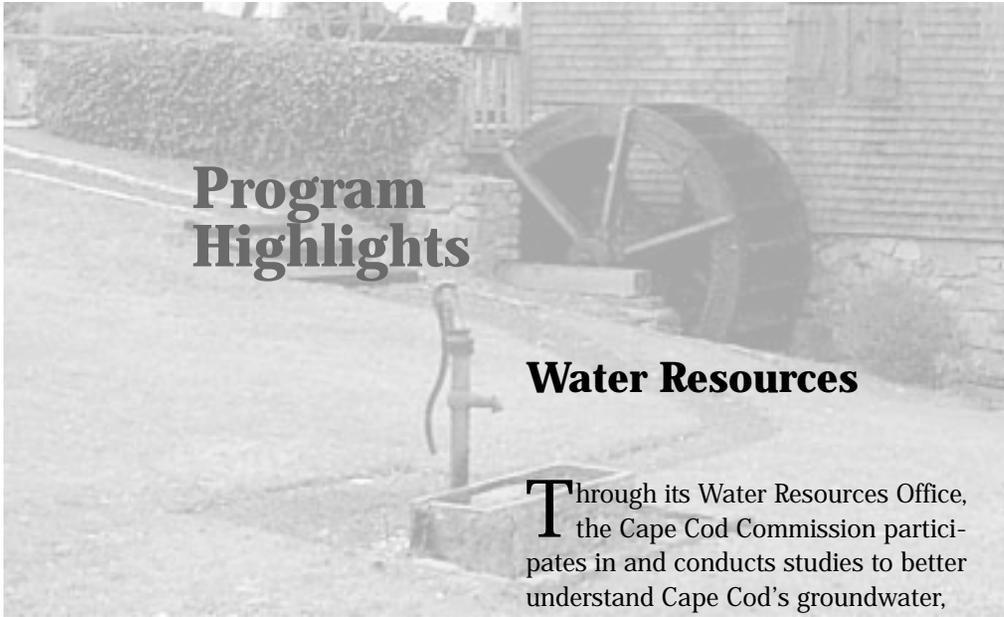
The co-composting operation could combine trash with a medium such as newspapers and dried sludge in a mechanical process that “digests” and then screens the material to separate nonrecyclable elements. The end result is a form of compost that, when aerated and mixed with yard wastes, can serve as a landscape mulch.

As the fiscal year ended, the Barnstable County Assembly of Delegates were to consider providing surplus funds to have a feasibility study conducted for the co-composting facility.

Pay-As-You-Throw Programs

The Commission made presentations to several Cape Cod towns this year to describe another approach for future solid waste management, that of “pay-as-you-throw” (PAYT) programs. These programs can significantly reduce trash and encourage recycling. Commission presentations to Barnstable, Dennis, Falmouth, Harwich, and Yarmouth outlined what PAYT is, what benefits such a program can bring, and how a community might pay for and implement one. (Information is also online at www.capecodcommission.org/waste/PAYT.)

Future Commission efforts will focus on the potential for developing public/private partnerships, for example, between SEMASS and Cape towns, to share some of the costs of PAYT programs. Besides increasing the recycling rate and encouraging waste reduction in each Cape town, a well-coordinated effort could free additional waste space at the SEMASS facility, which SEMASS could then “sell” to other towns at higher rates than what Cape towns currently pay.



Program Highlights

Water Resources

Through its Water Resources Office, the Cape Cod Commission participates in and conducts studies to better understand Cape Cod's groundwater, to protect and restore surface waters, to manage wastewater, and to protect public and private drinking water supplies. Cape Cod has about 145 gravel-pack public water supply wells and 18 different purveyors of that water in 12 towns; the balance of the water supply is from private wells.

Upper Cape Water Supply

Protecting and restoring the quality of drinking water in the vicinity of the Massachusetts Military Reservation (MMR) remained an important focus of Commission work in Fiscal Year 2001. The Commission continued to participate in the assessments of contamination emanating from the MMR and in the review of surface and groundwater clean-up efforts. The Commission remains active in the master planning process for the reservation, particularly working toward

resolution of environmental performance standards and stewardship issues for the northern 15,000 acres.

The Commission also actively worked on behalf of all Upper Cape towns (Bourne, Falmouth, Mashpee, and Sandwich) to support the establishment of a water-supply cooperative for the region and the military community. Following completion and state certification of an Environmental Impact Report (EIR), the proposed cooperative will manage the distribution of three million gallons of water a day from MMR supplies. Among other issues, the EIR will analyze the effect of the groundwater withdrawal on surface water bodies in the vicinity.

Pond and Lake Water Quality

Throughout the year, the Commission worked with the Association for the Preservation of Cape Cod and many other nonprofit organizations and municipal agencies in efforts to protect the

water quality of Cape Cod's 400 known ponds and lakes. In spring 2001, these groups launched a "Pond and Lake Stewardship" (or PALS) project to recruit citizens to help make water quality assessments and gather data.

The stewardship project to date has attracted over 100 volunteers; additional stewards are still welcome. In a first-of-its-kind effort early in summer 2001, the volunteers took baseline measurements of water clarity in about 100 ponds. The Commission is compiling the results into a Capewide pond atlas, a comprehensive data set that will document the current water quality and condition of those water bodies and will be used to compare the results of future assessments.

The stewardship project complements another regional effort that will be pursued throughout Fiscal Year 2002 by the Commission and the School for Marine Science and Technology at the University of Massachusetts-Dartmouth. Again making use of citizen volunteers, scientists, and others, this program will undertake more comprehensive water quality assessments of Cape Cod ponds and lakes, including measures of dissolved oxygen, total nitrogen, total phosphorus, chlorophyll, pH, and temperature.

Within the next year, workshops will be held, results shared, and strategies developed to promote continued

citizen involvement in protecting the region's surface water resources.

Coastal Water Quality Protection and Restoration

Of the 47 major coastal embayments on Cape Cod, only four have undergone comprehensive water quality assessments. The Commission has performed preliminary studies on 16 embayments, which has helped to identify the nitrogen-sensitive ones. More water quality monitoring data and qualitative modeling work are necessary, however, to better predict how these embayments will respond to existing and future development on Cape Cod. In the next fiscal year, the Commission expects increased state, regional, and local involvement in land use assessments and wastewater management efforts.



Services to Towns

Technical Assistance

The Cape Cod Commission provides technical assistance to all of the towns of Barnstable County. Services include support for initiatives and projects addressing affordable housing, geographic information, marine and coastal resources, natural resources and land protection, planning and community development, regulatory, transportation, and water resources. In addition, representation on the Commission provides each town with

opportunities to participate in setting regional policy and to advocate for the town's interests in land use planning and growth management. Commission membership involves each town in important regulatory and funding matters at regional, state, and federal levels.

The next several pages describe the technical services that the Cape Cod Commission provided directly to each Cape town in Fiscal Year 2001.

BARNSTABLE

Affordable Housing

- Committed \$50,000 in HOME funds to Habitat for Humanity's 16-unit affordable homeownership development in Hyannis.
- Continued to service commitments to the Gallagher's Lane project, which involves new construction of seven homes for low-income first-time home buyers. (The project is on hold because of title issues.)
- Continued to service commitments to the Aunt Sarah's project, which involves reuse of an existing structure to create 12 affordable rental units. (The project is under construction.)
- Awarded six Barnstable households a total of \$26,582 from the Down Payment Closing Cost Assistance Program.
- Awarded seven Barnstable households a total of \$45,337 from the Homeowner Repair Program.

Geographic Information System

- Provided maps of Significant Natural Resource Areas for two Development of Regional Impact (DRI) sites.
- Completed the town's buildout analysis and mapping as part of a statewide initiative by the Massachusetts Executive Office of Environmental Affairs.
- Provided a work map to begin an update of town historic sites.

Marine and Coastal Resources

- Supported the establishment of a federal designation of "No Discharge Area" for the Three Bays/Centerville Harbor area. (This designation prohibits the release of wastewater from boats.)

- Reviewed Environmental Notification Forms for state permits for the Centerville River dredging project, Sandy Neck area activities, the Dead Neck project, and the proposed expansion of the airport.

Planning, Community Development, and Regulatory Activities

- Provided assistance on growth management options and supported the town's efforts to pursue the designation of a District of Critical Planning Concern.
- Held four public hearings/workshops in Barnstable on the proposed 2001 update to the Regional Policy Plan.
- Completed the regulatory review of four Developments of Regional Impact (DRIs), including one project approved with conditions (Cotuit Landing Redevelopment and Expansion) and three projects denied on procedural grounds (Childs 16-lot Residential Subdivision, Childs 19-lot Residential Subdivision, and Linden Place/Rogers 11-lot Residential Subdivision).

Transportation

- Provided assistance in obtaining state and federal funds for local transportation projects through the Transportation Improvement Program.
- Provided information on the traffic impacts of residential development to the Barnstable Town

Council to aid in their evaluation of increased minimum lot sizes.

- Participated in the Route 6 Exit 6 1/2 Task Force.
- Performed traffic counts on selected roadways (Bassett Lane, Bumps River Road, Enterprise Road, Hadaway Road, High School Road, Hyannis Road, Main Street/Hyannis, Marstons Lane, North Street, Ocean Avenue, Old Colony, Old Stage Road, Phinney's Lane, Race Lane, and Routes 149, 6A, and 6) and intersections (Main Street at South Street and at Ocean Street; Route 132 at Eastern Mountain Sports site drive; Route 149 at Race Lane; Route 6A at Route 132 and at Hyannis Road; and Service Road at Oak Street).

Water Resources

- Continued to provide assistance with the town's wastewater facilities plan.
- Sought a Massachusetts Department of Environmental Protection technical assistance grant to enhance public awareness about waste disposal and clean-up alternatives.
- Continued to coordinate a nitrogen loading assessment of Barnstable Harbor, helped set Cape Cod Basin Team priorities for a nutrient study of Lewis Bay, and participated in a nutrient-management subcommittee.
- Continued to assist the clean-up activities at the Fire Training Academy.

Affordable Housing

- Committed \$200,000 in HOME Program Community Housing Development Organizations funds toward the development of the affordable assisted living project at the former Barnstable County Hospital site in Pocasset.
- Awarded three Bourne households a total of \$9,370 from the Down Payment Closing Cost Assistance Program.

Geographic Information System

- Provided maps of Significant Natural Resource Areas for three Development of Regional Impact (DRI) sites.
- Produced a road map for the planning office.
- Completed the town's buildout analysis and mapping as part of a statewide initiative by the

Massachusetts Executive Office of Environmental Affairs.

Marine and Coastal Resources

- Reviewed Environmental Notification Forms for state permits for the Buttermilk Bay dredging project and the Massachusetts Maritime Academy bulkhead project.

Natural Resources and Land Protection

- Supported a state Self-Help grant application for the acquisition of the Quinn property.

Planning, Community Development, and Regulatory Activities

- Supported the town's local comprehensive planning effort with the Vision 2015 Steering Committee.

BOURNE

- Provided information on companies that perform air-quality assessments.
- Completed the regulatory review of four Developments of Regional Impact (DRIs), including three projects approved with conditions (Communications Inc., Christy's of Cape Cod, and Cape Sagamore Highlands) and one project granted an exemption from DRI review (JAC Self-storage Facility).

Transportation

- Provided assistance in obtaining state and federal funds for local transportation projects through the Transportation Improvement Program.
- Continued the Canal Area Transportation Study, a supplement to other Massachusetts Highway Department studies analyzing the road network in the area of the Cape Cod Canal, and held two public meetings on it in Bourne in 2000.
- Performed traffic counts on selected roadways (Barlows Landing Road, Bournedale Road, Clay

Pond Road, Herring Pond Road, Old Plymouth Road, Sandwich Road, Shore Road, Route 6, and Route 28).

Water Resources

- Continued to participate in the Massachusetts Military Reservation Technical Process Action Teams and the Impact Area Review Team.
- Supported the legislation and establishment of an Upper Cape water supply reserve and water cooperative and funded a study of water supply rates for the cooperative.
- Continued a nitrogen loading assessment of Red Brook and Megansett harbors and helped set Cape Cod Basin Team priorities for a nutrient study of Back River.
- Participated in the Upper Cape Lung Cancer Advisory Committee.

BREWSTER

Affordable Housing

- Committed \$50,000 in HOME funds to the Fredrick Court 26-unit affordable elderly housing project.
- Awarded \$3,000 to the town through the Technical Assistance Program.

Geographic Information System

- Provided maps of protected open space, an archaeological sensitivity overlay, and capital facilities.
- Provided maps and analyses for the Long Pond watershed.
- Mapped shoreline access to Pleasant Bay.
- Completed the town's buildout analysis and mapping as part of a statewide initiative by the Massachusetts Executive Office of Environmental Affairs.

Natural Resources and Land Protection

- Supported a state Self-Help grant application for the acquisition of the Rowley property.
- Provided technical assistance for a potential District of Critical Planning Concern nomination for the Pleasant Bay Area of Critical Environmental Concern.

Planning, Community Development, and Regulatory Activities

- Issued a final report by the Lower Cape Wireless Working Group, which analyzed existing and future wireless telecommunications needs and made recommendations for policies, regulations, and actions.
- Held two public hearings/workshops in Brewster on the proposed 2001 update to the Regional Policy Plan.
- Completed the regulatory review of one Development of Regional Impact (DRI); the Commission granted the project (Barbour Nominee Trust ANR) an exemption from DRI review.

Transportation

- Provided assistance in obtaining state and federal funds for local transportation projects through the Transportation Improvement Program.
- Worked with the Massachusetts Department of Environmental Management to identify sources of funds for reconstruction of the Cape Cod Rail Trail.
- Prepared and distributed Old King's Highway area walking and bicycling maps.

- Performed traffic counts on selected roadways (Routes 137 and 124, Millstone Road, Setucket Road, Stony Brook Road, and Underpass Road).

Geographic Information System

- Produced a pond-buffer map, a zoning map, and several maps related to personal watercraft restrictions in certain waterways.
- Assisted the Pleasant Bay Alliance and mapped shoreline access to Pleasant Bay.
- Completed the town's buildout analysis and mapping as part of a statewide initiative by the Massachusetts Executive Office of Environmental Affairs.

Marine and Coastal Resources

- Reviewed an Environmental Notification Form for state permits for the Cackle Cove Beach renourishment project.

Natural Resources and Land Protection

- Provided technical assistance for a potential District of Critical Planning Concern nomination for the Pleasant Bay Area of Critical Environmental Concern.

Planning, Community Development, and Regulatory Activities

- Worked with representatives of the Massachusetts Historical Commission and the town's Old

Water Resources

- Coordinated the Long Pond management study, assessing nutrient loads and developing recommendations for treatment and water quality protection.

Village Association to develop public information about the proposal to add the Old Village to the National Register of Historic Places.

- Assisted the town's Long-range Planning Committee with their draft Local Comprehensive Plan.
- Issued a final report by the Lower Cape Wireless Working Group, which analyzed existing and future wireless telecommunications needs and made recommendations for policies, regulations, and actions.

Transportation

- Provided assistance in obtaining state and federal funds for local transportation projects through the Transportation Improvement Program.
- Performed traffic counts on selected roadways (Old Queen Anne Road, Shore Road, Stepping Stones Road, Training Field Road, Wilfred Road, and Routes 137 and 28).

Water Resources

- Continued to provide assistance for the ongoing comprehensive wastewater facility plan and continued to review the town's wastewater allocation policy.

CHATHAM

Affordable Housing

- Awarded eight Dennis households a total of \$40,265 from the Down Payment Closing Cost Assistance Program.
- Awarded one Dennis household \$2,876 from the Homeowner Repair Program.

Geographic Information System

- Provided maps of Significant Natural Resource Areas for a Development of Regional Impact (DRI) site.
- Began work to improve the geographic accuracy of data for an eventual update of 1993 parcel data.
- Completed the town's buildout analysis and mapping as part of a statewide initiative by the Massachusetts Executive Office of Environmental Affairs.

DENNIS

Marine and Coastal Resources

- Reviewed an Environmental Notification Form for state permits for a West Dennis revetment project.

Natural Resources and Land Protection

- Supported a state Self-Help grant application for the acquisition of the Johnson property.

Planning, Community Development, and Regulatory Activities

- Reviewed the town's proposed new zoning bylaw revisions to guide development and protect natural resources in the Quivet Neck/Crowe's Pasture area. (The town later nominated the area as a District of Critical Planning Concern in August 2001.)
- Held two public hearings in Dennis on the proposed 2001 update to the Regional Policy Plan.
- Completed the regulatory review of one Development of Regional Impact (DRI); the Commission denied the project (Great Atlantic & Pacific Tea Company) on substantive grounds.

Transportation

- Provided assistance in obtaining state and federal funds for local transportation projects through the Transportation Improvement Program.
- Provided partial funding for a study to identify intersection improvements at Route 134 and Upper County Road.
- Worked with the Massachusetts Department of Environmental Management to identify sources of funds for reconstruction of the Cape Cod Rail Trail.
- Prepared and distributed Old King's Highway area walking and bicycling maps.
- Performed traffic counts on selected roadways (Airline Road, Main Street, Old Bass River Road, Old Chatham Road, Old Main Street, School Street, Setucket Road, and Routes 28, 6A, and 6).

Water Resources

- Helped set Cape Cod Basin Team priorities for a nutrient study of Swan Pond.
- Provided technical comments to the Zoning Board of Appeals about a north-side senior residential development.

EASTHAM

Affordable Housing

- Continued to service commitments to the Gull Hills project, which involved conversion of a cottage colony into five affordable rental units. (The renovation is complete and the units are fully occupied.)

Geographic Information System

- Completed special maps of zoning, a Route 6 buffer area, well water quality, and affordable housing.
- Performed several GIS database searches for the town planner.
- Completed the town's buildout analysis and mapping as part of a statewide initiative by the Massachusetts Executive Office of Environmental Affairs.

Marine and Coastal Resources

- Reviewed an Environmental Notification Form for state permits for the Cape Cod Rail Trail project.

Natural Resources and Land Protection

- Supported a state Self-Help grant application for the acquisition of the Achetino property.
- Supported a state Department of Environmental Management Urban Forest Program grant application for the 1651 Arboretum.
- Participated in the public process for development of zoning standards in the Cape Cod National Seashore.

Planning, Community Development, and Regulatory Activities

- Helped plan a feasibility study for a solid waste co-composting facility for five towns in the Lower Cape.
- Issued a final report by the Lower Cape Wireless Working Group, which analyzed existing and future wireless telecommunications needs and made recommendations for policies, regulations, and actions.
- Held two public hearings in Eastham on the proposed 2001 update to the Regional Policy Plan.

Transportation

- Provided assistance in obtaining state and federal funds for local transportation projects through the Transportation Improvement Program.
- Assisted the town in identifying short-term Route 6 safety improvements.
- Worked with the Massachusetts Department of Environmental Management to identify sources of funds for reconstruction of the Cape Cod Rail Trail.
- Performed traffic counts on selected roadways (Bridge Road, Cable Road, Herring Brook Road, Nauset Road, Samoset Road, and portions of Route 6) and at selected intersections (Route 6 at Aspinet Road, Brackett Road, Governor Prencce Road, Great

Pond Road, Hay Road, Kingsbury Beach Road, Nauset Road, Old Orchard Road, Old State Highway, Railroad Avenue, Samoset Road, South Eastham Street, and at the Mobil and Sunoco gas station site drives; and Massasoit Road at Herring Brook Road).

- Held a public meeting in Eastham on the 2000 update to the Regional Transportation Plan.

Water Resources

- Continued to participate in the National Park Service's study of vernal pools.
- Coordinated an Outer Cape groundwater modeling project with the U.S. Geological Survey.

Affordable Housing

- Committed \$125,000 in Barnstable County surplus funds and Barnstable County Rental Program funds to the Falmouth Housing Corporation's Gifford Street project, which involves development of 26 units of affordable rental housing.
- Continued to service commitments to the Fairwinds Housing project, which involved new construction of 20 affordable apartments for single adults. (The project is complete and occupied.)
- Awarded five Falmouth households a total of \$17,000 from the Down Payment Closing Cost Assistance Program.
- Awarded two Falmouth households a total of \$13,581 from the Homeowner Repair Program.

Geographic Information System

- Provided a map of Significant Natural Resource Areas for a Development of Regional Impact (DRI) site.
- Updated the town parcels data layer in the Commission's GIS.

Natural Resources and Land Protection

- Supported a state Self-Help grant application for the acquisition of the Fender/Wald property.

Planning, Community Development, and Regulatory Activities

- Continued to work with the local planning committee to implement the town's Local Comprehensive Plan.

FALMOUTH

- Completed the regulatory review of five Developments of Regional Impact (DRIs), including three projects approved with conditions (Ballymeade ANR, Falmouth Fire/Rescue Headquarters Expansion and Renovation, and Falmouth Wastewater Facilities Plan), one project (Woods Hole Research Center's Gilman Ordway Campus) granted an exemption from DRI review, and one project (Falmouth Fire/Rescue Communications Tower) granted a hardship exemption from review.

Transportation

- Provided assistance in obtaining state and federal funds for local transportation projects through the Transportation Improvement Program.
- Analyzed impacts of Steamship Authority traffic on local roads.
- Performed traffic counts on selected roadways (Barrows Road, Brick Kiln Road, Carriage Shop Road, Gifford Street, Maravista Extension, Menauhant Road, Old Barnstable Road, Sandwich Road, Scranton Avenue, Shoreview Drive, Surf Drive, Thomas Landers Road, Woods Hole Road, and Routes 151 and 28).

Water Resources

- Continued to participate in the Massachusetts Military Reservation Technical Process Action Teams and the Impact Area Review Team.
- Supported the legislation and establishment of an Upper Cape water supply reserve and water

cooperative and funded a study of water supply rates for the cooperative.

- Provided technical assistance on the town's Comprehensive Wastewater Facilities Plan, participated in discussions of nitrogen management

for West Falmouth Harbor, and discussed implementation ideas with the Ashumet Valley Nitrogen Offset Committee.

- Participated in the Upper Cape Lung Cancer Advisory Committee.

HARWICH

Affordable Housing

- Continued to service commitments to the Pine Oaks Village III project, which involves new construction of 65 affordable rental units for elderly adults. (All loans were to close in September 2001, with construction to begin soon thereafter.)

- Awarded two Harwich households a total of \$9,467 from the Down Payment Closing Cost Assistance Program.

Geographic Information System

- Provided a map of Significant Natural Resource Areas for one Development of Regional Impact (DRI) site.

- Updated the town parcels data layer in the Commission's GIS.

- Assisted the town planning office with maps updating zoning, protected open space, land bank purchases, and the Six Ponds District of Critical Planning Concern.

- Produced special maps of the Long Pond and the Herring River watersheds, mapped shoreline access to Pleasant Bay, and prepared a contour map of the Cranberry Valley golf course.

- Completed the town's buildout analysis and mapping as part of a statewide initiative by the Massachusetts Executive Office of Environmental Affairs.

Marine and Coastal Resources

- Reviewed an Environmental Notification Form for state permits for the Allens Harbor project.

Natural Resources and Land Protection

- Supported a state Self-Help grant application for the acquisition of the Shea/Slowatycki property.

- Provided technical assistance for a potential District of Critical Planning Concern nomination for the Pleasant Bay Area of Critical Environmental Concern.

Planning, Community Development, and Regulatory Activities

- Worked with the town planning board to develop the implementing regulations for the Six Ponds District of Critical Planning Concern.

- Issued a final report by the Lower Cape Wireless Working Group, which analyzed existing and future wireless telecommunications needs and made recommendations for policies, regulations, and actions.

- Completed the regulatory review of one Development of Regional Impact (DRI); the Commission denied an exemption from DRI review for the project (Fennell Reconfiguration), which was located in the Six Ponds District of Critical Planning Concern.

Transportation

- Provided assistance in obtaining state and federal funds for local transportation projects through the Transportation Improvement Program.

- Assisted in getting the Cape Cod Rail Trail's Harwich Bicycle Bridge construction started.

- Worked with the Massachusetts Department of Environmental Management to identify sources of funds for reconstruction of the Cape Cod Rail Trail.

- Performed traffic counts on selected roadways (Depot Road, Depot Street, Queen Anne Road, Slough Road, and Routes 6, 28, 39, 124, 137) and intersections (Depot Road at Main Street, Route 39 at Queen Anne Road, and Main Street at Queen Anne Road).

Water Resources

- Coordinated the Long Pond management study, assessing nutrient loads and developing recommendations for treatment and water quality protection strategies.

- Coordinated the Herring River study, providing \$22,000 to the town and developing the scope of the water quality assessment project.

- Assisted with grant preparation for water quality monitoring.

Affordable Housing

- Awarded two Mashpee households a total of \$10,000 from the Down Payment Closing Cost Assistance Program.
- Awarded one Mashpee household \$3,600 from the Homeowner Repair Program.
- Awarded \$3,000 to the town through the Technical Assistance Program.

Geographic Information System

- Provided maps of Significant Natural Resource Areas for three Development of Regional Impact (DRI) sites and additional analysis for Mashpee Commons.
- Updated the town parcels data layer in the Commission's GIS.
- Assisted the town planning office with a map updating zones of contribution to water supplies and a map of watershed time-of-travel zones, and provided data.
- Completed the town's buildout analysis and mapping as part of a statewide initiative by the Massachusetts Executive Office of Environmental Affairs.

Marine and Coastal Resources

- Reviewed an Environmental Notification Form for state permits for the Mashpee River dredging project.

Natural Resources and Land Protection

- Provided assistance for a potential District of Critical Planning Concern nomination.
- Supported a state Self-Help grant application for the acquisition of the Prime View property.

Planning, Community Development, and Regulatory Activities

- Held two public hearings in Mashpee on the proposed 2001 update to the Regional Policy Plan.
- Completed the regulatory review of two Developments of Regional Impact (DRIs); the Commission approved the two projects (Lowell Road Subdivision and Talanian Realty/SouthCape Factory Outlet Village) with conditions.

Transportation

- Provided assistance in obtaining state and federal funds for local transportation projects through the Transportation Improvement Program.
- Performed traffic counts on selected roadways (Cotuit Road, Great Neck Road South, Great Neck Road North, Lowell Road, Old Barnstable Road, Pimlico Pond Road, South Sandwich Road, and Routes 130, 151, and 28) and intersections (Shellback Way at Deer Crossing, Route 28 at Shellback Way, and Route 28 at Deer Crossing Drive).
- Held a public meeting in Mashpee on the 2000 update to the Regional Transportation Plan.

Water Resources

- Continued to participate in the Massachusetts Military Reservation Technical Process Action Teams and the Impact Area Review Team.
- Participated in the Massachusetts Military Reservation Technical Review and Evaluation Team's remediation review for Ashumet Pond.
- Reviewed the J. Braden Thompson Plume Response Remedial Action Plan for a plume of contaminants emanating from a private landfill in Forestdale.
- Provided technical comments to the Massachusetts Department of Environmental Protection on an Environmental Notification Form and Water Management Act permit for groundwater extraction/treatment/injection associated with the Augat Plume, a plume of contamination emanating from a private industrial site.
- Supported the legislation and establishment of an Upper Cape water supply reserve and water cooperative and funded a study of water supply rates for the cooperative.
- Provided technical assistance on the town's comprehensive wastewater project and the Mashpee River nitrogen loading project.
- Participated in the Upper Cape Lung Cancer Advisory Committee.

ORLEANS

Affordable Housing

- Committed \$50,000 in HOME funds to the Old Tote Road project, which involves development of 12 affordable homes for first-time home buyers by a private, for-profit developer.
- Committed \$90,000 in HOME Program Community Housing Development Organizations funds to the Housing Assistance Corporation's Orleans Efficiencies project, which involves construction of 11 affordable efficiency units at 257 Cranberry Highway.
- Awarded on Orleans household \$4,200 from the Down Payment Closing Cost Assistance Program.
- Awarded \$3,000 to the town through the Technical Assistance Program.

Geographic Information System

- Updated the town parcels data layer in the Commission's GIS.
- Assisted the town planning office with a map of pond recharge areas, digitized pond bathymetry, provided data for use in the town's GIS, and mapped shoreline access to Pleasant Bay.
- Completed the town's buildout analysis and mapping as part of a statewide initiative by the Massachusetts Executive Office of Environmental Affairs.

Natural Resources and Land Protection

- Provided technical assistance for a potential District of Critical Planning Concern nomination for the Pleasant Bay Area of Critical Environmental Concern.
- Participated in the public process for development of zoning standards in the Cape Cod National Seashore.

Planning, Community Development, and Regulatory Activities

- Worked with the town to finalize their Local Comprehensive Plan. (The Commission certified the plan in late July 2001.)
- Helped plan a feasibility study for a solid waste co-composting facility for five towns in the Lower Cape.
- Issued a final report by the Lower Cape Wireless Working Group, which analyzed existing and future wireless telecommunications needs and made recommendations for policies, regulations, and actions.
- Provided information on exterior lighting design for the Rock Harbor area.

Transportation

- Provided assistance in obtaining state and federal funds for local transportation projects through the Transportation Improvement Program.
- Obtained an easement necessary to allow future construction of the Cape Cod Rail Trail bridge.
- Performed traffic counts on selected roadways (Beach Road, Eldredge Parkway, Main Street, Monument Road, Pond Road, Tonset Road, West Road, and Routes 6, 6A, and 28).

Water Resources

- Continued to participate in the Orleans Water Quality Monitoring Task Force, the Water Advisory Board, and the Wastewater Advisory Committee.
- Provided assistance with a Crystal Lake monitoring project.
- Coordinated an Outer Cape groundwater modeling project with the U.S. Geological Survey.

PROVINCETOWN

Affordable Housing

- Committed \$60,000 in HOME Program Community Housing Development Organizations funds to the Lower Cape Cod Community Development Corporation's Nelson Avenue project, which involves development of two affordable rental units.
- Continued to service commitments to the construction of 18 affordable rental units at the

site of a vacant supermarket on Conwell Street. (Construction is expected to begin soon.)

- Awarded four Provincetown households a total of \$11,000 from the Down Payment Closing Cost Assistance Program.
- Awarded \$3,000 to the town through the Technical Assistance Program.

Geographic Information System

- Provided Truro GIS data for Provincetown's GIS, helped a town-contracted wireless telecommunications consultant, and assisted with a bikeway map.
- Completed the town's buildout analysis and mapping as part of a statewide initiative by the Massachusetts Executive Office of Environmental Affairs.

Marine and Coastal Resources

- Reviewed an Environmental Notification Form for state permits for a Commercial Street redevelopment project.
- Provided flood maps to local officials.

Natural Resources and Land Protection

- Supported a state Community Development Block Grant application.
- Participated in the public process for development of zoning standards in the Cape Cod National Seashore.

Planning, Community Development, and Regulatory Activities

- Helped plan a feasibility study for a solid waste co-composting facility for five towns in the Lower Cape.

- Issued a final report by the Lower Cape Wireless Working Group, which analyzed existing and future wireless telecommunications needs and made recommendations for policies, regulations, and actions.
- Completed the regulatory review of two Developments of Regional Impact (DRIs), including one project (Provincetown Wastewater Management Facilities Plan) approved with conditions and one project (Locke Property Subdivision) denied on procedural grounds.

Transportation

- Provided assistance in obtaining state and federal funds for local transportation projects through the Transportation Improvement Program.
- Developed proposals for alternative routes for a bikeway from downtown to the Cape Cod National Seashore.
- Performed traffic counts on selected roadways (Bradford Street, Conwell Street, Province Land Road, and Standish Avenue) and one intersection (Bradford Street at Standish Avenue).

Water Resources

- Provided technical assistance with the town's Wastewater Facility Plan and water supply issues.
- Coordinated an Outer Cape groundwater modeling project with the U.S. Geological Survey.

Affordable Housing

- Committed \$50,000 in HOME funds and \$50,000 in Barnstable County surplus and Rental Housing Program funds to the Sandwich Housing Authority's Osprey Lane project, which involves development of 36 units of affordable rental housing.
- Awarded \$3,000 to the town through the Technical Assistance Program. (The town later withdrew its request.)

Geographic Information System

- Updated the town parcels data layer in the Commission's GIS and helped the town set up its own GIS.
- Helped the town's planning office with an update to the zoning map, and provided a landfill

plume map and copies of the Three Ponds District of Critical Planning Concern map.

- Provided a roadway "Level of Service" map for the town's engineering department, and a map of street names for the town's fire department.
- Helped the town's conservation officer with a map of water bodies on which personal watercraft ("jet skis") operate.
- Completed the town's buildout analysis and mapping as part of a statewide initiative by the Massachusetts Executive Office of Environmental Affairs.

Marine and Coastal Resources

- Collaborated on plans for a possible town maritime district and participated in the town's Flood Hazard Planning Work Group.

SANDWICH

Planning, Community Development, and Regulatory Activities

- Supported the town's efforts to develop the implementing regulations for the Three Ponds District of Critical Planning Concern.
- Helped develop a grant application to the Massachusetts Historical Commission for a town historic-preservation plan.
- Worked with the Massachusetts Historical Commission to document an historic property eligible for the National Register of Historic Places.
- Held two public hearings/workshops in Sandwich on the proposed 2001 update to the Regional Policy Plan.

Transportation

- Provided assistance in obtaining state and federal funds for local transportation projects through the Transportation Improvement Program.
- Prepared and distributed Old King's Highway area walking and bicycling maps.
- Performed traffic counts on selected roadways (Boardley Road, Chase Road, Cotuit Road, Farmersville Road, Jan Sebastian Drive, Old County Lane, and Routes 6 and 130) and intersections (Route 130 at Quaker Meetinghouse Road,

Quaker Meetinghouse Road at Cotuit Road, Cotuit Road at Farmersville Road, Boardley Road at Harlow Road, and Farmersville Road at Boardley Road).

Water Resources

- Continued to participate in the Massachusetts Military Reservation Technical Process Action Teams and the Impact Area Review Team.
- Supported the legislation and establishment of an Upper Cape water supply reserve and water cooperative and funded a study of water supply rates for the cooperative.
- Reviewed the J. Braden Thompson Plume Response Remedial Action Plan for a plume of contaminants emanating from a private landfill in Forestdale.
- Participated in a water quality assessment at the town's landfill.
- Coordinated water quality studies of Shawme Pond and participated in technical discussions about town-wide pond monitoring.
- Coordinated a water quality and tidal study of Scorton Creek.
- Participated in the Upper Cape Lung Cancer Advisory Committee.

TRURO

Affordable Housing

- Awarded \$3,000 to the town through the Technical Assistance Program.

Geographic Information System

- Provided the town administrator with a custom map of cell tower locations.
- Completed the town's buildout analysis and mapping as part of a statewide initiative by the Massachusetts Executive Office of Environmental Affairs.

Marine and Coastal Resources

- Reviewed an Environmental Notification Form for state permits for a sand bypass dredging project in the Pamet area.

Natural Resources and Land Protection

- Participated in the public process for development of zoning standards in the Cape Cod National Seashore.

Planning, Community Development, and Regulatory Activities

- Supported the work of the Selectmen's Advisory Committee on the town's Local Comprehensive Plan.
- Continued to work with the town on zoning bylaw revisions.
- Helped plan a feasibility study for a solid waste co-composting facility for five towns in the Lower Cape.
- Provided information about recycling polyvinyl chloride (PVC) plastics.
- Issued a final report by the Lower Cape Wireless Working Group, which analyzed existing and future wireless telecommunications needs and made recommendations for policies, regulations, and actions.
- Completed the regulatory review of one Development of Regional Impact (DRI); the Commission granted the project (Outer Cape Mini Storage) an exemption from DRI review.

Transportation

- Provided assistance in obtaining state and federal funds for local transportation projects through the Transportation Improvement Program.
- Worked with town officials to preserve state land (transportation rights-of-way) along Route 6 for well field protection.
- Performed traffic counts on South Highland Road.

Water Resources

- Provided technical assistance about the town's water supply issues.
- Coordinated an Outer Cape groundwater modeling project with the U.S. Geological Survey.

Affordable Housing

- Continued to service commitments to new construction of 12 affordable rental units at 885 State Highway. (Construction is to begin in fall 2001.)
- Continued to service commitments to the Oyster Lane project, which involves the conversion of a former cottage colony into six affordable units for first-time home buyers. (The project is complete and the units are fully occupied.)
- Awarded three Wellfleet households a total of \$9,000 from the Down Payment Closing Cost Assistance Program.
- Awarded \$4,000 to the town through the Technical Assistance Program.

Geographic Information System

- Provided the town's wastewater consultant with copies of the maps and digital data for the Harbor Management Plan.
- Produced custom maps of streets for the town's fire department.
- Completed the town's buildout analysis and mapping as part of a statewide initiative by the Massachusetts Executive Office of Environmental Affairs.

Natural Resources and Land Protection

- Participated in the public process for development of zoning standards in the Cape Cod National Seashore.

Planning, Community Development, and Regulatory Activities

- Supported the town's nomination of a District of Critical Planning Concern (later withdrawn by the town).
- Helped plan a feasibility study for a solid waste co-composting facility for five towns in the Lower Cape.
- Issued a final report by the Lower Cape Wireless Working Group, which analyzed existing and future wireless telecommunications needs and made recommendations for policies, regulations, and actions.
- Provided information about noise impacts from an electric power substation.

Transportation

- Provided assistance in obtaining state and federal funds for local transportation projects through the Transportation Improvement Program.
- Performed traffic counts on selected roadways (Cahoon Hollow Road, Commercial Street, Gross Hill Road, Lecount Hollow Road, and Main Street) and intersections (Route 6 at Springbrook Road, West Road, Old State Road, and the Wellfleet Drive-in).

Water Resources

- Provided technical assistance about the town's water supply issues.
- Coordinated an Outer Cape groundwater modeling project with the U.S. Geological Survey.

WELLFLEET

YARMOUTH

Affordable Housing

- Continued to service commitments to the purchase of three duplexes by Yarmouth Housing Opportunities to create six affordable rental units at Camp Street. (The units are now occupied.)
- Awarded six Yarmouth households a total of \$30,698 from the Down Payment Closing Cost Assistance Program.
- Awarded two Yarmouth households a total of \$9,800 from the Existing Homeowner Repair Program.
- Awarded \$3,000 to the town through the Technical Assistance Program.

Geographic Information System

- Updated the town parcels data layer in the Commission's GIS.
- Completed the town's buildout analysis and mapping as part of a statewide initiative by the Massachusetts Executive Office of Environmental Affairs.

Marine and Coastal Resources

- Participated in discussions of a possible marine facility on the Parker River.

Natural Resources and Land Protection

- Supported a state Urban Self-Help grant application.

Planning, Community Development, and Regulatory Activities

- Developed a grant application with the Massachusetts Historical Commission and the Friends of the Yarmouth Common for an archaeological survey.
- Assisted the town with landscape improvements for Summer Street.
- Held a public hearing in Yarmouth on the proposed 2001 update to the Regional Policy Plan.
- Completed the regulatory review of two Developments of Regional Impact (DRIs), including one project (Dacey Historic House) approved with conditions and one project (Cape Light Commons) denied on substantive grounds.

Transportation

- Provided assistance in obtaining state and federal funds for local transportation projects through the Transportation Improvement Program.
- Provided technical assistance with the Packets Landing redevelopment project.
- Prepared and distributed Old King's Highway area walking and bicycling maps.
- Performed traffic counts on selected roadways (Abells Road, Buck Island Road, Great Western Road, Setucket Road, Strawberry Lane, Winslow Gray Road, and Route 6).
- Held a public meeting in Yarmouth on the 2000 update to the Regional Transportation Plan.

Water Resources

- Provided technical assistance with the town's wastewater issues, including working toward solutions for the Lewis Bay/Hyannis Park area.
- Helped set Cape Cod Basin Team priorities for a nutrient study of Lewis Bay.

Financial Statement

Fiscal Year 2001

● Cape Cod Environmental Protection Fund (CCEPF)

Revenue

Federal	\$ 504,084.63
State	165,428.30
Local Assessment	2,255,513.00
Fees/Other	<u>87,876.28</u>
	\$ 3,012,902.21

Expenses

Planning/Community Development	\$ 941,241.75
Regulatory	1,176,198.99
Transportation Planning	43,742.84
Water Resources	372,373.68
Geographic Information System	139,581.13
Grant Programs	<u>527,737.84</u>
	\$ 3,200,876.23

Fund Balance

Beginning Fund Balance	\$ 859,097.25
Revenue Over (Under) Expenses	<u>(187,974.02)</u>
Ending FY01 Fund Balance*	\$ 671,123.23

* Restricted for FY01 Encumbrances	\$ 220,636.52
* Restricted for FY02 Appropriations	283,697.00
* Restricted for Legal Expenses	150,000.00
* Restricted for Unfunded Workers Compensation Liability ...	13,000.00
* Unrestricted CCEPF Balance	<u>3,789.71</u>
	\$ 671,123.23

● Other Special Funds

Revenue

Federal	\$ 876,906.64
State	131,249.70
Local	104,781.10
Fees/Mitigation/Other	<u>580,950.64</u>
	\$ 1,693,888.08

Expenses

Planning/Community Development	\$ 32,699.83
Water Resources	22,500.00
Grant Programs	<u>897,677.48</u>
	\$ 952,877.31

Fund Balance

Previous Fund Balance	\$ 214,254.25
Revenue Over (Under) Expenses	741,010.77
Transfers In (Out)	<u>(115,552.68)</u>
Ending FY01 Fund Balance	\$ 839,712.34



Atlantic Ocean

Provincetown

Truro

Wellfleet

Eastham

Cape Cod Bay

Orleans

Brewster

Bourne

Dennis

Sandwich

Harwich

Chatham

Barnstable

Yarmouth

Mashpee

Falmouth

Nantucket Sound

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