

The 2004 Annual Report of the Maryland Department of Planning



working to create maryland's future today



Robert L. Ehrlich, Jr., Governor
Michael S. Steele, Lt. Governor



Audrey E. Scott, Secretary

State of Maryland

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Secretary Audrey E. Scott

As Secretary of Planning, I am honored to work with local governments, private enterprises, and the citizens of Maryland to implement Governor Ehrlich's vision for our great State. By working to implement and coordinate the fiscally responsible and innovative policies of the governor, MDP takes a lead role in helping to preserve Maryland's resources, manage her economic and physical growth, and foster public awareness about the importance of planning.

At the Maryland Department of Planning (MDP), we are creating solutions for the future development of the State.

MDP's 2004 Annual Report provides a brief glimpse of the many projects covered by our dependable and highly technical staff. One of our principal goals for 2004 was to improve coordination and cooperation with other State agencies, local government entities, and vital planning stakeholder groups.

In 2004, we led the creation and implementation of Governor Ehrlich's Priority Places program that focuses on interagency coordination and cooperation to encourage revitalization projects in our established communities.

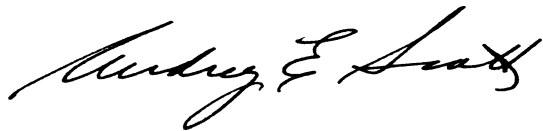
As chair of the Development Capacity Task Force, we brokered an historic agreement between local government associations, Maryland homebuilders, and environmentalists to begin a uniform inventory of the buildable lots in the State.

We also created a detailed database on our military installations for use by State agencies, the Department of Defense, and local communities to use as a resource in protecting and analyzing our bases as part of the Base Realignment and Closure process.

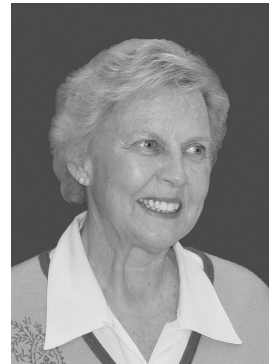
These are only a few of the many projects we have worked on during the past 12 months. Additionally, I have enjoyed traveling all across the State and meeting the people directly affected by what we do at MDP. Our regional offices have influence in every day community life as they implement State planning requirements at the most local level.

I encourage you to use this report to learn the services we provide and let us know how we can be of additional help in the coming year.

As our communities continue to evolve, together we can revitalize existing neighborhoods, optimize infrastructure spending, preserve farmland, create transportation solutions, and protect the Chesapeake Bay, thereby enhancing the quality of life in our communities and ensuring a great future for our State.



Audrey E. Scott
Secretary of Planning



Major Departmental Projects, Reports and Initiatives

Priority Places Strategy

In June 2004, Governor Ehrlich announced the details of the Priority Places program during the annual conference of the Maryland Municipal League. The announcement and subsequent call for applications was the next step in establishing Governor Ehrlich's vision for revitalizing Maryland's older, existing communities.

Nine months earlier, Governor Ehrlich had signed the Priority Places Strategy Executive Order establishing Maryland's vision for land-use and smart growth, with an emphasis on restoring and protecting quality of life in existing communities. The Executive Order directed the Maryland Department of Planning to lead the Smart Growth Subcabinet in developing and implementing

the Priority Places initiative. Under the direction of Secretary Audrey Scott, chair of the Subcabinet, they finalized a strategy designed to make the most efficient use of limited state resources and to reflect the goals of state and local stakeholders.

The Priority Places designation recognizes and supports well-



planned development in designated growth areas across the state through heightened and coordinated assistance from multiple state agencies. Priority Places will be selected based on strong local support, their ability to leverage or generate private investment and their potential impact on broader development trends. The initiative also supports a variety of state goals, including the revitalization and redevelopment of existing communities, the cleanup and redevelopment of brownfields and support for transit-oriented development.

The initiative builds upon Maryland's Priority Funding Areas law, which directs state funding for growth-related needs to designated areas. With Priority Places, the state will further focus its attention on the most compelling plans and projects within these designated PFAs. The idea is to pool all of the resources of the Subcabinet agencies to positively impact the cost, timing and design of development, tapping the full power of their regulatory, technical and funding resources.

The success of the initiative will depend on effective partnerships among state and local government and the public and private sectors. The state plans to designate a limited number of Priority Places in order to truly focus its resources, and each Priority Place will be designated for a defined period of time, typically 3 to 5 years or when the project is completed, whichever happens first.

The Priority Places initiative does not have its own designated funding source or set of regulatory responsibilities. Instead, it benefits from all of the activity of the Subcabinet agencies, which have many land-use and development tools and resources. They range from capital budget line items and specific program funds to planning assistance or permits and processes that can be used to expedite development approvals.

With Priority Places, the state will make a deliberate, cross-agency commitment to streamlined reviews and coordinated action. Agency approvals and processes that have the potential to affect the cost, character, or timing of the development project will be expedited.

Priority Places Web site

Last summer, MDP staff created the Priority Places Web site, providing online all of the information that interested applicants might seek. The site, www.priorityplaces.com, includes an application that can be downloaded and submitted electronically, the evaluation criteria by which applications are judged, information on the initiative's goals and objectives and other material.

The Web site, hosted by MDP, debuted immediately after Governor Ehrlich announced the initiative at the Maryland Municipal League's annual meeting in August.



The Application Process

The Interagency Coordinating Committee, which represents all of the agencies in the Smart Growth Subcabinet, developed the application process and evaluation criteria for Priority Places. The Office of Smart Growth, under the Department of Planning's leadership, has taken over administrative responsibility for the initiative and is coordinating the ongoing review of applications.

In the first round, OSG received 22 applications from every corner of the state – Frostburg in Western Maryland to Caroline County and the town of Trappe on the Eastern Shore. Each application meeting the threshold criteria was given the opportunity to interview with the Coordinating Committee.

The Subcabinet will review the Committee's reports and then provide recommendations to Governor Ehrlich, who makes the final decision on designating a Priority Place. At press time, it was not known how many proposals would be designated, but an announcement was expected by early 2005. The deadline for the second round of applications was December 1, when 14 additional applications were received.

In the future, applications will be accepted and reviewed on a semi-annual basis. Any applicant who does not win the Priority Places designation will be debriefed by the Coordinating Committee on which state programs and assistance they might target.

Priority Places are selected based on:

- Ability to further state and local goals
- Local government support & commitment of resources
- Ability to leverage or generate private investment
- Potential to serve as a catalyst to improve development trends
- The look, feel, and function of a place after it is successfully developed
- Team strength (proof of ability to implement the proposal)
- Costs and financing plan
- Value and appeal of the proposal to the state
- The state's ability to provide the requested resources and support

Development Capacity Task Force

On July 1, 2004, the Development Capacity Task Force submitted their report to Governor Ehrlich summarizing their work, findings, and recommendations, including the results from a pilot study of ten local jurisdictions. The Task Force and corresponding pilot study was created in October of 2003, as part of Governor Ehrlich's Priority Places Executive Order.

In 2002, Maryland's population was estimated at 5.5 million people. In the next 20 years it is expected to grow by approximately 1 million people. These figures create many questions regarding planning and development capacity for future development across of the State.

Development capacity analysis (also known as buildable lot inventories and build-out analysis) has been a significant issue among Maryland's development, local government, and environmental interests for over four years creating a range of opinions. In the past there have been multiple attempts to pass State legislation to require local governments to conduct capacity analysis, however, the multiple stakeholders were never able to agree on a common approach.

However, as members of Governor Ehrlich's Task Force, the many different stakeholders came together this year in an unprecedented manner to agree on the need for a capacity analysis, key data and methodology issues, as well as an approach for including residential capacity analyses in the comprehensive plan updates of local governments with planning and zoning authority (23 counties, Baltimore City, and 106 municipalities). This cooperation is a significant contrast to the lack of agreement on this issue just two years ago.

The Task Force included the key stakeholder groups associated with this issue including representatives from State and local government, the environmental community, and the homebuilders associations. Together, they worked hard to review the detailed results of the pilot study and to create the final report, especially in crafting its findings and recommendations. The final report of the Development Capacity Task Force can be viewed on MDP's website.

Members of the Development Capacity Task Force

State of Maryland, Task Force Chair
Secretary Audrey E. Scott –
Maryland Department of Planning

Municipal Representative
Ms. Dianne Klair – Manager, Community
Development and Planning, City of Havre de Grace

County Representative
Mr. Arnold "Pat" Keller – Planning Director,
Baltimore County

Homebuilders Representative
Mr. Frank Hertsch – President,
Morris & Ritchie Associates, Inc.

Academic Representative
Dr. Gerrit Knaap – Executive Director, National
Center for Smart Growth Research and Education,
University of Maryland

Environmental Representative
Mr. George Maurer - Senior Planner,
Chesapeake Bay Foundation

Planning Community Representative
Mr. Dirk Geratz – President, Maryland Chapter –
American Planning Association

Economic Development Representative
Mr. John Savich –
Director of Economic Development,
St. Mary's County

Historic Preservation Representative
Mr. Tyler Gearhart – Executive Director,
Preservation Maryland

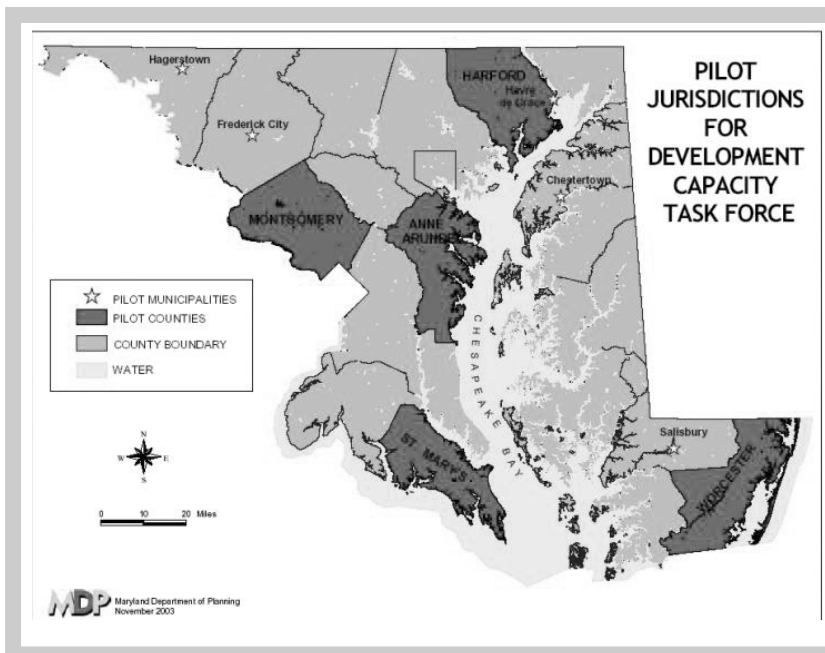
Background: Development Capacity Analysis in Maryland

After the recent failed attempts at State legislation requiring development capacity analysis, a more cooperative approach has emerged in the past two years. Some of the key activities leading up to the creation of the Task Force included the following:

- The Maryland Association of Homebuilders convened a “Smart Growth Collaborative” effort that included key growth stakeholders. This was done partly in light of the 2002 elections, realizing that there would be a new administration at the State level and leadership changes at the local level as well. One of the recommendations of this project was that there is a need to do development capacity analysis in Maryland.
- In a technical assistance mode, MDP continued to work with local governments on its capacity analysis methodology. MDP intensified this effort and improved its data and analysis by working with many local governments.
- Meanwhile, local governments’ interest in development capacity analysis increased.

Presently, several jurisdictions have an analysis in place to track development capacity and several more are in the process of developing a working development capacity analysis.

- Both the Maryland Association of Counties and the Maryland Municipal League helped to coordinate review of MDP’s capacity analysis and to arrange for additional test sites.
- The timing of these activities was on track with Governor Ehrlich’s desire to take Maryland’s Smart Growth efforts to the next step and encourage cooperative understanding among the stakeholders. This led to the creation of the Development Capacity Task Force.



Key issues for all stakeholders in such analysis include:

- What is the need for development capacity information?
- What are the growth trends and their implications for development capacity?
- Who conducts capacity analysis?
- What methodology and data are used?
- What is the role and purpose of the analysis?
- Will the analysis be required in local government comprehensive plan updates or will it be a suggested addition?

Development issues and trends in Maryland and their implications for development capacity in Maryland:

- Local governments have a diverse set of planning tools and they apply them in a variety of ways.
- In many places in Maryland, development capacity is being consumed quickly by low-density development.
- This, coupled with high growth rates in much of Maryland, will lead to a shortage of raw buildable land in many parts of the State - especially in areas targeted for growth.
- Some jurisdictions with limited raw land available for development are experiencing increasing rates of infill development and redevelopment.
- Many jurisdictions in Central Maryland and beyond will likely reach or approach “build-out” (in the conventional sense of the term) within the next 25 years. This could lead to jurisdictions:
 - deciding to accept less development;
 - up-zoning their PFAs;
 - increasing infill and redevelopment rates;
 - further municipal annexation; and/or
 - rezoning rural lands for development.

Findings and Recommendations

The Need For Capacity Analysis

Findings:

- Development capacity analysis (residential and non-residential) and related information are necessary for effective planning. It is important to have an estimate of the development supply (location, size, density type, etc.) in order to adequately plan for future growth.
- Few local governments with planning authority currently conduct a formal development capacity analysis. Recently, however, more jurisdictions have been initiating such analyses on their own or with MDP’s assistance.

Recommendations:

- Local governments with planning authority should include the results of a development capacity analysis in each update of their comprehensive plans.
- These analyses should be well documented (clear methodologies, listing of assumptions and caveats, etc.), publicly available, and comparable (not identical) to other jurisdictions. Methodologies and data used for these analyses should follow “best practices” that are generally accepted by the planning profession (see Final Report of the Development Capacity Task Force).
- Local governments are encouraged to develop their own analyses. However, the Maryland Department of Planning will provide analysis assistance as requested.

Findings:

- MDP's capacity analysis provides a reasonable methodology for estimating residential development capacity within and across jurisdictions.
- When local governments and MDP work together, conducting a development capacity analysis is not an overly burdensome task. However, it does require a concerted effort by both MDP and local governments to share data, agree on key inputs and assumptions, and to review analysis outputs.
- Capacity analysis can be used for a variety of planning purposes beyond estimating build-out including infrastructure planning (school planning, master water and sewer planning) as well as comprehensive planning.
- Regardless of the sophistication level of planning and GIS functions at the local level, MDP can work with local governments to complete a development capacity analysis that is appropriate for planning purposes.

Recommendations:

- MDP should continue to develop and improve its capacity analysis—especially for dense urban areas.
- MDP should provide development capacity analysis technical assistance to local governments.
- MDP should coordinate its analysis with jurisdictions that conduct their own to help provide a degree of comparability across the State.

Office of Smart Growth

Under the guidance of the Department of Planning, the Office of Smart Growth (OSG) works as a liaison with stakeholders to educate, inform and advocate for projects and planning proposals that encourage best land use practices. The Office also supports the Governor's commitment to community revitalization by coordinating the review of Priority Places applications and other activities of the Interagency Coordinating Committee.



Priority Places Outreach

During the Fall 2004, the Office of Smart Growth conducted workshops across the state to explain the Priority Places initiative to local officials and developers. Staff presented an overview of the strategy and its goals in these workshops, and then opened it up to questions.

In addition, OSG staff made similar presentations at various events, such as the Maryland Municipal League's fall meeting at Rocky Gap and the Maryland Economic Development Association's fall conference at Cecil Community College.

The Priority Places workshops were held in seven locations, to reach constituents in every part of the state.

Transit-Oriented Development Strategy and Opportunities:

In recognition of the important opportunity presented by the State's investment in transit, the Office, in partnership with other MDP staff and MDOT, continues to work on Maryland's statewide transit-oriented development strategy. The past year provided an opportunity to enhance ongoing activities in the Washington metropolitan region, with a strong focus on underutilized property directly adjacent to the 14 METRO stations in Prince George's County. This includes review of technical proposals for disposition of WMATA land, active participation in larger station area land use and economic studies in New Carrollton and West Hyattsville.

Significant State and local investment is occurring in the Baltimore region in preparation for the future Red Line and expansion of the existing Green Line as part of the Baltimore Regional Transit Plan. OSG, MDOT and MTA staff are developing guidance for using development potential to help determine the best location for station areas and the alignment of this major transportation investment.

OSG is also directing attention to existing station areas in the Baltimore region. Together with MDOT and MTA, OSG and MDP systematically evaluated all of the existing station areas and developed a list of priority stations on the subway, light rail and MARC lines. The State is using this list to focus its efforts on specific stations and has identified a menu of activities in which the State can help stakeholders to realize potential development opportunities.

Base Realignment and Closure Work

During 2004, the Department of Planning was very active in supporting the efforts of the Maryland Military Installations Strategic Planning Council (MMISPC). The Council was established to assist Maryland's military bases and surrounding communities during the Department of Defense review for the Base Realignment and Closure (BRAC) Commission.

The Department is in a unique position to provide a consistent and uniform profile of Maryland's ten military installations subject to review under the BRAC program. To assist in planning efforts, MDP has been represented at all MMISPC meetings and has dedicated a staff planner to provide needed planning assistance.

Using the Department's comprehensive data sets and digital mapping resources to support demographic, socio-economic, employment, cultural, land use and property related analyses, MDP developed the **Maryland Military Installation Area Profiles**. MDP analyzed these community characteristics for small study areas within a five-mile radius of each military installation.

The area profiles demonstrate the ability of the communities around each base to provide adequate schools, housing, commercial uses, and employment opportunities for those moving to the area as part of a base expansion or consolidation.

The resulting data were displayed as electronic maps, charts and graphs for each site. The document, which has been produced on CD-ROM and is available on MDP's web page, provides a wide range of data including land-use, zoning, aerial maps, employment, school populations and other relevant data.

The document also provides direct links to all of Maryland's colleges and universities, including both public and private institutions. It is a tool that the representatives from the BRAC, local military bases, and the general community can use when evaluating Maryland and its local communities' ability to support the expansion and redevelopment of its military bases.

Specifically included on the CD-ROM for each of the ten sites are:

- Maps of the study area showing proximity to airports and universities, aerial imagery, land use/land cover, generalized zoning, sewer service, residential development trends by year built and public school locations
- Charts displaying demographic and socioeconomic data by place of residence, jobs and worker characteristics such as median earnings by place of work, and school enrollment. Characteristics included age, gender, race and ethnicity, labor force and employment characteristics, commutation, income, educational attainment, school enrollment, home value, rent paid, age and type of housing.
- Projections showing the number of persons, households and employment growth expected over the next twenty years.

Tropical Storm Isabel Recovery Support

After Governor Ehrlich asked Secretary Audrey Scott to lead the Tropical Storm Isabel Recovery effort, she directed planners from MDP to proactively identify gaps in service delivery and make certain that assistance to the citizens of Maryland was consistently obtained throughout the State. MDP Planners used information and geographic mapping technology to support the State's recovery efforts by delivering accurate map and data resources to State agencies.

MDP assisted the State Department of Assessments and Taxation (SDAT) in its implementation of a uniform program of real property tax abatement. Properties with losses are subject to abatement of real property assessments and thus receive property tax reductions. Computer map files obtained from the Maryland Emergency Management Agency (MEMA), identified the land areas at highest risk of flood inundation due to storm surge for 12 counties with nearly one million properties located along the eastern and western shores of the Chesapeake Bay. Using the inundation maps and MDP's parcel mapping system, *MdProperty View*, the properties at highest risk for damage were identified.

For the 12 jurisdictions, electronic files of the at-risk parcels were provided to SDAT along with *MdProperty Map FINDER* data and mapping software. SDAT field staff used these tools to determine the actual properties that incurred damage or loss to structures during the storm. SDAT identified 3,343 properties where taxes were abated, wholly or in part, and MDP mapped the locations of the abated parcels. Baltimore County had the overwhelming number of parcels - 2,509, followed by Anne Arundel - 156, Calvert - 133, Dorchester - 123, St. Mary's - 113, Cecil - 91, Queen Anne's - 85, Kent - 55, Talbot - 38 and the remaining three jurisdictions each had 15 or fewer.

MDP also worked with MEMA to map the location of 239 addresses where the Federal Hazard Mitigation Program had identified the need to elevate new improvements where existing improvements were damaged beyond repair. Using its addressing matching tools, MDP located and mapped the parcels. Dorchester had the highest number, 84, followed by Baltimore County, 62, Anne Arundel, 53, Calvert 18 and the remaining six counties under 10.



Lessons Learned From Tropical Storm Isabel: Improving Disaster Management in Maryland

A year after Tropical Storm Isabel hit Maryland, MDP officially released the report entitled, "Lessons Learned From Tropical Storm Isabel: Improving Disaster Management in Maryland" to the general public. The report is an interdepartmental planning effort coordinated by the MDP to identify recovery gaps in programs and corrective action plans for future preparedness and recovery efforts. The report offers a candid view of the State's response to Maryland's worst natural disaster and makes recommendations for needed improvements.

While an initial assessment of damages to properties were underway, the State, federal and local government simultaneously began to review their overall preliminary responses to Tropical Storm Isabel. Once this assessment was completed, a 3 – 5 year strategy plan was cultivated and recommendations for various state agencies were outlined. This long-term strategy plan established goals that would:

1. Help displaced Marylanders restore or improve their lives (both employment and housing).
2. Assist businesses in mitigation planning, disaster planning and recovery.
3. Coordinate and prioritize emergency response and long-term recovery efforts with local jurisdictions and state agencies.
4. Identify emergency preparedness, response and recovery program gaps and seek statutory changes, as appropriate.
5. Ensure that state efforts advance the Priority Places Initiative.
6. Evaluate restorative options and their impact on the Bay.
7. Promote options available to private property owners/local jurisdictions that protect or improve the Bay.
8. Promote and establish protocols for volunteerism during all phases of emergencies/disasters.

Each State agency outlined in this report has been encouraged to implement the recommendations in this report. A copy of the entire report is available online at MDP's website.

Task Force to Study the Maryland Agricultural Land Preservation Foundation

MDP's Secretary and the Director of Resource Conservation Planning chaired the Task Force to Study the Agricultural Land Preservation Foundation. The Task Force evaluated the ability of the program to achieve its statutory goals and to preserve roughly 1,030,000 acres by 2022, set by the General Assembly in 2002.

MDP provided staff and technical assistance to the Task Force. Some of the Task Force's conclusions were that:

- As development consumes and intrudes upon more of the agricultural landscape, profitable agricultural production options become fewer, while land preservation and agricultural production become less attractive alternatives to development for many rural landowners.
- Even in many locations receiving substantial public conservation investment, the impacts are becoming especially acute where zoning and related land use tools have failed to stabilize the land and agricultural land preservation funding is insufficient.
- A large majority of Maryland citizens want government to use the tools and responsibilities at its disposal to accomplish the State's resource conservation objectives.
- Under a full funding scenario, combined State and local land preservation efforts will fall several hundred thousand acres and almost \$800 million short of the 1.03 million acre goal recommended by the Task Force and set by the legislature.

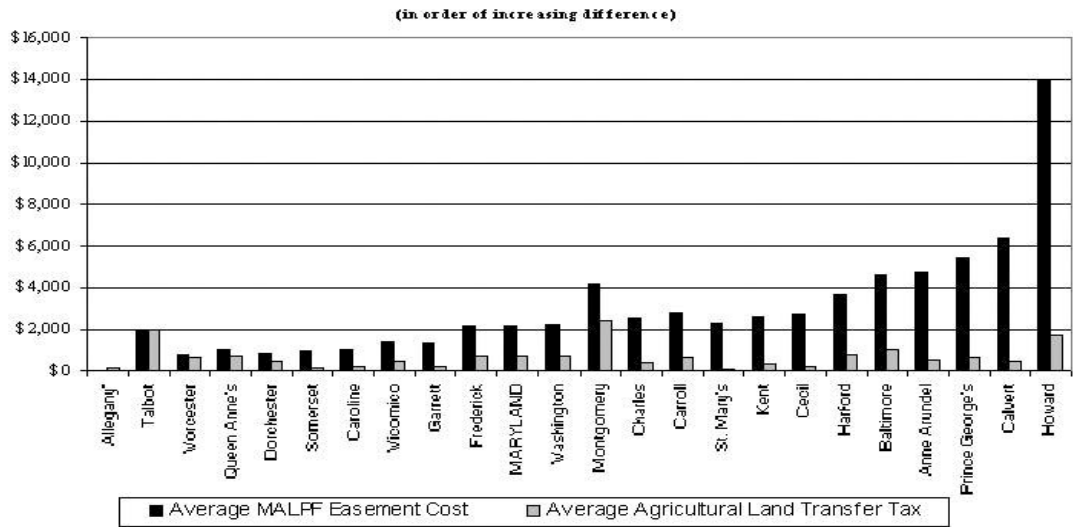
The Task Force's recommendations included the following:

- Established funds for land preservation should not be diverted to the general fund. When they must be diverted, they should be replaced with an equivalent amount of bond funding;
- Counties should establish Priority Preservation Areas (PPA) in their comprehensive plans, and use zoning and other land use tools to better protect preservation investment from development in those areas.
- Additional funds for land preservation in PPAs should be enabled by modifying taxes and fees on real estate transactions involving non-agriculturally assessed land outside of Priority Funding Areas;
- Additional staff must be hired to conduct the MALPF Program, if it is to keep pace with its expanding responsibilities; and
- MALPF should establish Critical Farms and Installment Purchase Agreement (IPA) programs, to enable the Foundation to acquire farmland more quickly and cost-effectively.

Land Preservation and Recreation Planning

MDP distributed the *Guidelines for Land Preservation Recreation, and Parks Planning* to Maryland's Counties to help them prepare their Local Land Preservation, Parks and Recreation Plans due July 1, 2005, and worked with the counties to facilitate their local plans. Most counties have completed their recreational land inventories for this process using MEIRS – the Maryland Electronic Inventory of Recreational Sites – a web based application developed by MDP. Work is underway to prepare the State Land Preservation, Parks, and Recreation Plan, due July 1, 2006.

2001 – 2003 Average Easement Cost vs. Ag Land Transfer Tax



*No MALFF Easements were purchased in Allegany County in FY2003

MCAE Report

In response to directives in the Governor’s land conservation policy, “Maryland’s Land Conservation Programs” of December 2003, MDP recently completed a report titled “Maximizing Return on Public Investment in Maryland’s Rural Land Preservation Programs.” The study and report, supported by the for the Maryland Center for AgroEcology, assessed the ability of the State’s Land Preservation programs to conserve and protect the State’s agricultural, rural, and natural resources. The report identifies several issues that are affecting the ability of these programs to achieve their goals, and assesses how well counties are contributing towards these goals through supportive zoning and land use management. It also offers recommendations to increase return on public investment in State and local preservation programs by improving cost-effectiveness. Findings from the project have been used to support the MALPF Task Force, the Rural Legacy Program, and the State Certification Program for Local Agricultural Land Preservation Program. The report was published by the Maryland Center for AgroEcology in December 2004.

Building Schools and Projecting Enrollment

As a member of the Interagency Committee (IAC) for School Construction, MDP helps coordinate and plan for the educational needs of the State.

Building New Schools - MDP incorporated the Governor's Priority Places Strategy into the methodology for approving new school planning projects. Priority points are given for schools in older communities and schools that function as a component of community activities and encourage walking and other forms of non-automobile access. Although several new facilities entered the Capital Program in FY 2005, the State of Maryland continues to emphasize the renovation of existing buildings within the Public School Construction Program. Seventy three percent of all capital dollars (and 87 percent of the projects) are renovations or additions to existing school buildings.

Research and Technical Assistance – MDP continues to provide the research and technical assistance necessary to ensure that public investment in schools is strategically targeted to support existing schools and neighborhoods.

State Rated Capacity – MDP recalculated the State Rated Capacity for five schools in Anne Arundel County, thirty-one schools in Baltimore County and one school in Talbot County.

Site visits – MDP participated in site visits in:

- Howard County - Western Elementary
- St. Mary's County - Indian Bridge Elementary
and Potential New Leonardtown Elementary
- Montgomery County - Kendale Road Elementary Site
and Northeast Consortium #16 Elementary
- Wicomico County - Tiny Tots Day Care
- Harford County - Administration Building

Enrollment Projections

The Maryland Department of Planning published its annual report on public school enrollment projections covering the 2004 through 2013 period. It is expected that 16 of the 24 jurisdictions in Maryland will experience peak enrollment sometime during the next 10 years. Statewide, public school enrollment has undergone a “boom and bust” cycle over the last 30 years similar to, and driven by, the fluctuations in births (see Chart 1), and the ups and downs of net migration into Maryland.

CHART 1

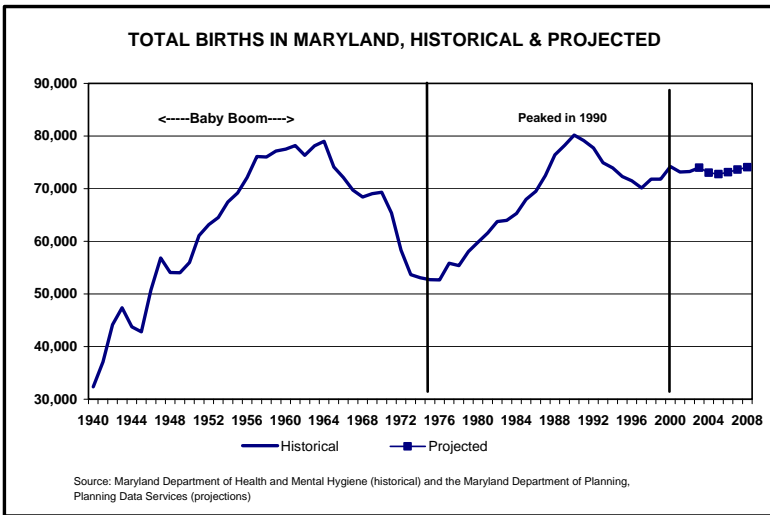
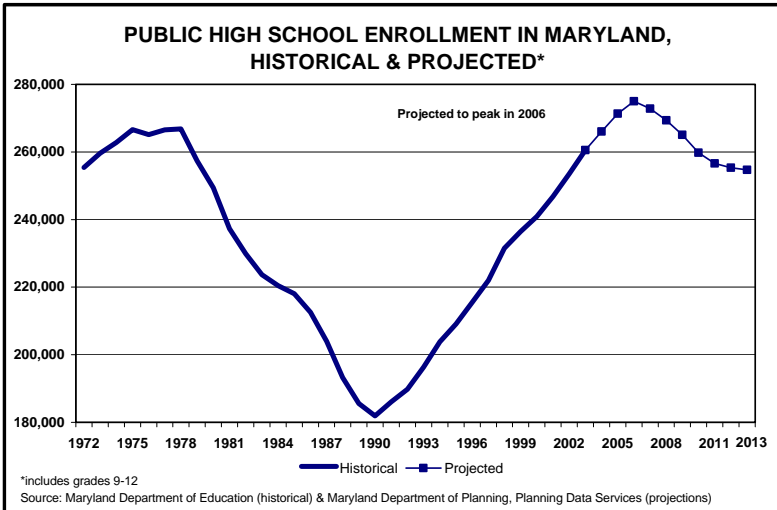


CHART 2



Since the early 1980s, though, public school enrollment has been growing steadily, and in some areas spectacularly, since the early 1980s. While this growth is now expected to peak within the next few years in many areas due to lower numbers of births in the late 1990s, other fast growing suburban jurisdictions with strong in-migration are still expected to experience continued growth. Statewide, however, the growing challenge in almost every jurisdiction will be in educating the last of the “baby boom echo” as it passes through the school system placing major demands for space in the high school grades (see chart 2).

Mapping Products

Tax Map Ordering System on the web

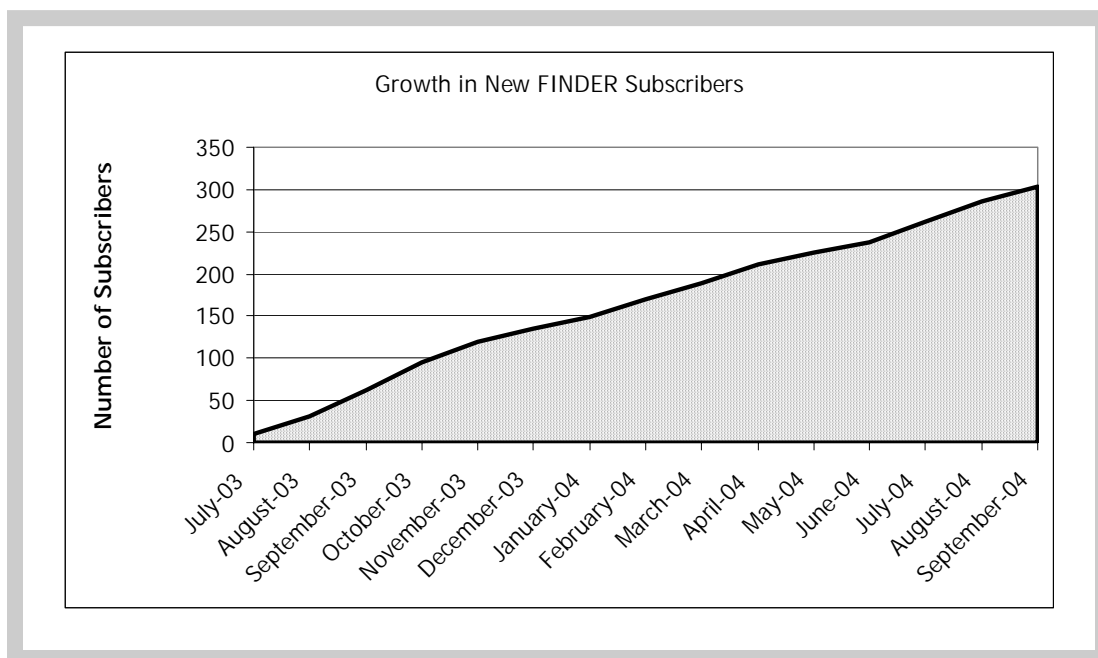
The Maryland Tax Map Ordering System (MOS) is MDP's next step in the ability to deliver mapping resources to the public in the most efficient manner. The new website enables people to more easily identify and order any of the 2,800 tax maps for Maryland's 23 counties and pay for them via the internet. Users can perform an address or other search to identify and select the tax maps that correspond to areas of interest. The system is available on MDP's website by clicking on **Order Tax Maps** under **Products**.

MdProperty Map FINDER

MdProperty Map *FINDER*, an easy-to-use desktop tool for accessing MDP's GIS data, was successfully introduced in 2003 and continues to grow its user base in 2004. *FINDER* provides visual display of tax map and parcel databases and other map overlays to those with limited GIS experience. *FINDER* is provided as a web-enabled CD-ROM for each of Maryland's 23 counties and Baltimore City. Each jurisdiction is updated annually.



This easy-to-use and affordable product has been exceedingly well received by the public (see chart), particularly by business users in the real estate agent, broker, developer and appraiser industries. Building on the advances made in serving maps through the Tax Map Ordering system, the next step in this evolution is to deliver the *FINDER* maps and functionality through the web.



MdProperty View

MDP's Data and Products Development division launched into the 9th edition year with the 2004 Edition of *MdProperty View*, MDP's parcel geographic information system (GIS) for use in ESRI's ArcView and ArcMap desktop GIS software. This sophisticated product offers a visually accessible database that allows interaction with a jurisdiction's property map and parcel information. *MdProperty View* includes a suite of custom developed tools, which make for simple navigation of the maps and property data. The effort and underlying data that have gone into *MdProperty View* form the basis for MdProperty Map *FINDER*, the Tax Map Ordering System and the future delivery of this information on the web.



MDP has consistently provided updates of *MdProperty View* (as well as its other intelligent map products) to its State Agency partners throughout the eight years of the program. These data have been cited as vital to the agency mapping projects of Maryland Department of the Environment (MDE), Department of Health and Mental Hygiene (DHMH), Department of Housing and

Community Development (DHCD), Department of Natural Resources (DNR), Department of Business and Economic Development (DBED), Maryland Department of Agriculture (MDA), Maryland Department Of Transportation (MDOT) and State Highway Administration (SHA). Of recent importance has been the need for quality data for use in emergency management and homeland security activities. Maryland Emergency Management Agency(MEMA) is providing *MdProperty View* and related MDP GIS products to its first responder partners for use in EMMA (Emergency Management Mapping Application) and MEGIN (Maryland Emergency Geographic Information Network.).

Significant Projects by Division

Local Planning Assistance

Appalachian Regional Commission (ARC)

The Maryland Department of Planning administers ARC grants and provides technical assistance to local jurisdictions that receive these monies. A few of the ARC projects from 2004 are described below.

MDP staff worked with Aspiring to Serve, a non-profit organization in Hagerstown, to secure Federal funds to redevelop an abandoned factory into a permanent cold weather shelter facility. Health and human services will be provided at the site as well as below-market rental space for non-profit organizations. There is even potential for small business development. The project helps revitalize part of Hagerstown's central business district as well as the adjacent neighborhood and community.

In Allegany County, MDP assisted in securing funds for an access road into the Barton Business Park as well as an on-site sewerage treatment facility. A recent groundbreaking was also conducted for a new industrial park that opens January and will eventually employ 500 people.

In Frostburg, MDP hosted a group of officials for the dedication of a segment of the Allegheny Highlands Trail of Maryland. The Maryland portion of the Trail will connect with corresponding sections to create a trail from Pittsburgh, Pennsylvania, to Washington, DC. MDP is one of the lead planning and development agencies in this project that complements the region's other efforts in heritage tourism, adventure sports, and outdoor recreation. Job growth, small business development and downtown revitalization are occurring within urban areas such as in Frostburg, Cumberland, Hancock, and Williamsport, which lie along the route.

In Garrett County, MDP initiated and coordinated the acquisition of funds to assist in constructing two affordable housing projects in a major employment region of the County. In addition, MDP staff obtained two planning grants to update the Adventure Sports Center International's Business and Master Plans. The Center will provide, promote, educate, and facilitate participation in a wide range of adventure based recreational activities and competitions. This will be a unique destination that supports local economic development.

Significant administrative and operational assistance continues to be provided via MDP and ARC to the Main Street Programs in Oakland, Frostburg and Cumberland. These efforts directly impact entrepreneurial development, job creation, and revitalization efforts in each city. In addition to funds, MDP provides each jurisdiction with hands-on planning, technical, and development assistance.

Municipal Annexation Assistance

MDP's Lower Eastern Shore Regional Office provided extensive assistance to the towns of Snow Hill (Worcester County) and Vienna (Dorchester County) to address annexation requests that could potentially double the current size of both municipalities.

In both cases, assistance began with an update of the corresponding comprehensive plan to assure that the plan reflected current community conditions. Updating the land-use element was a major focus, as well as defining a reasonable growth boundary. Once the revised comprehensive plans were adopted, assistance continued with a review of existing water and sewer capacities. This resulted in the preparation of water and sewerage plan amendments to make certain the water and sewer service areas were consistent with the growth boundary defined in the comprehensive plan

Preparation and review of the water and sewer plan amendments required a high degree of inter-jurisdictional and inter-agency coordination because these amendments had to be reviewed and approved by the municipalities, the counties, and the Maryland departments of the environment and of planning. Once the water and sewer plan amendments were approved, regional staff began to help the municipalities draft annexation agreements.

These agreements include very detailed language regarding the towns' expectations and the developers' obligations that must be met in order for the towns to entertain a petition for formal annexation. Community meetings were held to inform the public of the pending annexation / development requests and to explain the annexation agreements, as well as the formal annexation process and procedures. To date, annexation agreements have been signed in both jurisdictions.

Regional staff will continue to provide planning and zoning technical assistance to both towns to include: an update of the zoning ordinances, the development of a planned residential district floating zone for both, the process and procedure for annexations, and Priority Funding Area certification of the annexed lands.

Upper Eastern Shore staff provided similar assistance for proposed major annexations in Denton, Ridgley and Sudlersville.

Sample Local Technical Assistance Projects

Crisfield: Preparation of Block Grant and Work Programs

MDP's Lower Eastern Shore Office staff prepared an application for the City of Crisfield in applying for a Community Development Block Grant to fund a major update of the City's comprehensive plan and zoning ordinance, which was then approved by the Department of Housing and Community Development. The funding will pay for the preparation of an updated plan, zoning ordinance and zoning map. Staff also drafted the scopes of work and Requests for Proposal (RFP) that govern the work items to be performed in completing the three projects.

Port Deposit: Bainbridge Redevelopment

Upper Eastern Shore Office staff met with officials in Port Deposit to identify the steps needed to implement the Port Deposit Comprehensive Plan in terms of redeveloping the former Bainbridge Naval Training Center. A major staff effort ensured that the consultant preparing the water/sewerage plan amendment for the Training Center site was using correct and current information. The staff provided the information and coordination necessary to ensure that the two thousand new dwelling units, along with the commercial and the industrial development planned for the site, will be adequately served.

Havre de Grace: Zoning to preserve Waterfront Views

MDP provided technical assistance to the City of Havre de Grace, providing guidance about how to update the City's zoning code to ensure public access to, and views of the water. These provisions will be included in the City's overall zoning update.

Baltimore City: Investigating Development Capacity Near Baltimore MARC Station

As part of its efforts to encourage transit-oriented development near Baltimore's existing transit stations, MDP and the Office of Smart Growth are working with the Baltimore Neighborhood Collaborative to investigate development potential in the vicinity of the West Baltimore MARC station. The BNC is promoting community-oriented development around transit as a way to improve residents' access to jobs and enhance Baltimore's economic standing within the region.

Baltimore City: Brownfield Design Assistance

MDP created three alternative site designs for a large brownfield redevelopment parcel in southeast Baltimore City. A developer proposed a major commercial development proposal for that parcel that includes many new shops and services desired by nearby residents. The MDP plans demonstrated how those same uses could be reconfigured on the site to create a pedestrian-friendly destination.

Baltimore City: Mondawmin-Zoo Pedestrian Crossing

MDP staff administered a Federal Highway Administration Maryland Integrating Smart Growth Solutions (MINTS) grant to build a safe pedestrian crossing between the Mondawmin Transit Center and the Baltimore Zoo and Druid Hill Park. They drafted a revised scope of work, grant extension agreement, and a Memorandum of Understanding between the Maryland Department of Planning and the Baltimore City Department of Transportation, the agency responsible for implementing the project. The project is now entering the design phase, and construction is expected to begin in 2005.

Bowie: Gallant Fox Lane Low-Impact Development Urban Retrofit Demonstration and Wetland Restoration Project

MDP provided design assistance, plans and visual aids to assist the City of Bowie with a pervious surface retrofit of an underutilized parking lot and wetland resource. Staff produced site and use analyses and three concept plans including renderings of a proposed pavilion. The City Council accepted one of the concepts and is moving forward with implementation.

Leonardtown: Design Assistance

MDP staff produced a detailed design advisory project analysis for a municipal parking lot in downtown Leonardtown in the form of a 15-page booklet and four concept drawings. The existing lot was redesigned, and a design concept was created for a new lot adjacent. Recommendations called for improved pedestrian connections and introduced low impact storm water retention techniques. Completion of this work allowed the Town Commissioners to retain the services of an engineer to produce construction drawings and cost estimates.

Mount Ranier: Urban Renewal Plan

The Mount Rainier Town Center Urban Renewal Plan was adopted this year after three years of MDP involvement with the City to develop a plan addressing the needs of the community's historic commercial center. As interest in developing the City's commercial center began to grow, the City realized the need for to identify and articulate policies for development. City officials requested planning assistance from the Maryland Department of Planning to create the urban renewal plan as required by the City Charter. MDP staff wrote that plan, and the plan, as adopted, puts the City in a better position to respond to development proposals and achieve the type of development desired by the community.

Leonardtown: Comprehensive Plan

The MDP Southern Maryland Office assisted Leonardtown in updating and rewriting its 1998 Comprehensive Plan. MDP provided considerable input to all aspects of the Plan update including land use analysis, promoting neighborhood design standards, transportation improvements, and also support for continued redevelopment of the Town's downtown area. We have also provided significant mapping assistance and are working with the Town and St. Mary's County to upgrade the Town's land use mapping capabilities. MDP continues to work with Leonardtown in implementing the 2004 Plan by serving as a consultant to Town staff reviewing key properties now being considered for development.

North Beach: Land Use Inventory

The MDP Southern Maryland Office recently completed a detailed land use inventory for the Town of North Beach. This project included a street-by-street inventory of properties and identified the type of use and the number of units in each structure. In 2005, MDP will be the lead agency in assisting the Town in updating its 1998 Comprehensive Plan.

Henderson: Zoning Ordinance Preparation

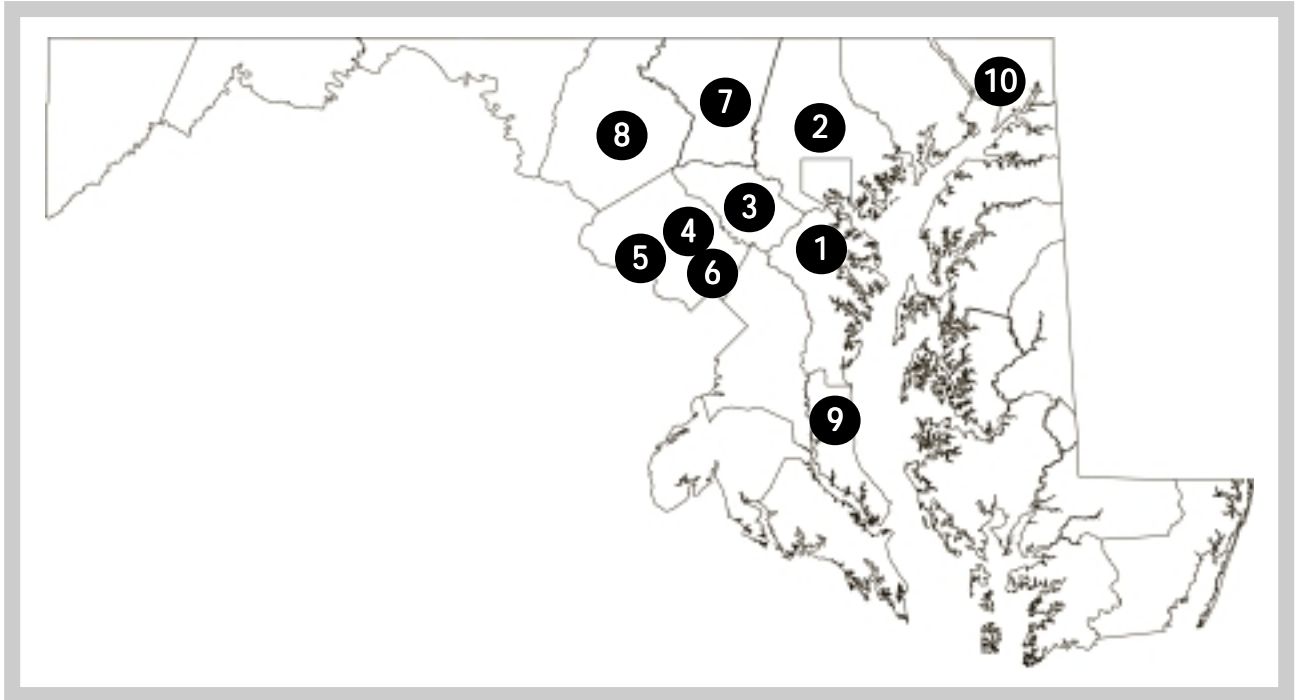
After the Town of Henderson adopted its first-ever comprehensive plan, Upper Eastern Shore staff provided the planning commission and officials with technical training and information leading up to preparation of its first zoning ordinance. The staff wrote the ordinance and also prepared the zoning map that was later adopted. MDP continues to brief municipal officials concerning their Article 66B mandated responsibilities.

Preston: Revision of Comprehensive Plan

MDP's Upper Eastern Shore staff helped the Preston Planning Commission review its existing Town comprehensive plan. MDP staff then prepared an updated plan including all associated parcel analyses, mapping, growth area delineations, and annexation priorities. Plan implementation included preparation of a revised zoning map with MDP and central staff assistance. MDP staff assisted with coordinating Town/County/State agency issues related to potential extension of water and sewer service into an area that is experiencing failing septic systems and well contamination.

Technical Review Services

MDP staff review numerous drafts of local comprehensive plans, zoning ordinances, Critical Areas ordinances and subdivision regulations. When appropriate, staff members suggest ways in which these plans and ordinances can be made more responsive to issues of growth and development.

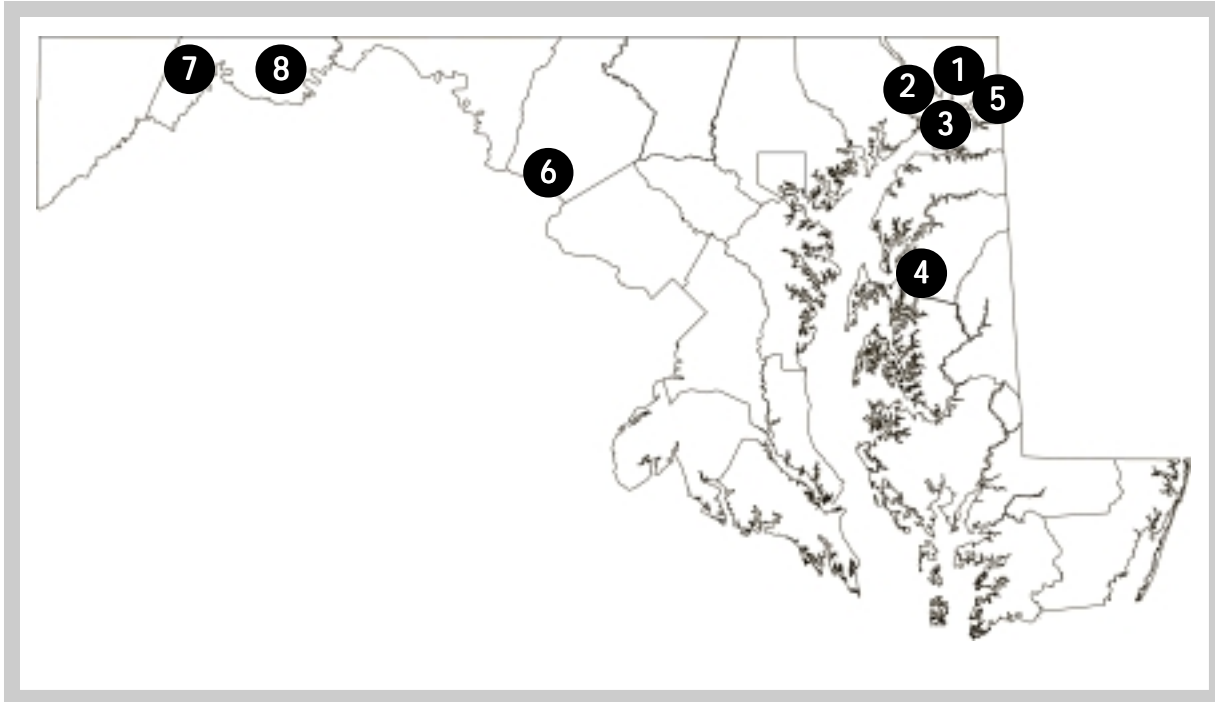


Review and Comment of Comprehensive Plans and Zoning Ordinances

1. Anne Arundel County (Brooklyn Park, Glen Burnie and Jessup/Maryland City sector plans)
2. Baltimore County Quadrennial Rezoning
3. Howard County Comprehensive Rezoning
4. Montgomery County (Rock Creek Sector Plan, Bethesda CBD Sector Plan)
5. Poolesville Master Plan
6. Gaithersburg Master Plan Environment Element
7. Westminster Master Plan
8. Frederick City Master Plan
9. Calvert County Master Plan
10. North East Master Plan

Additional Technical Assistance to Local Governments

In addition to assisting in preparing plans and ordinances, the Maryland Department of Planning is involved in a wide range of other technical assistance projects that cover virtually the entire fields of planning and land use.



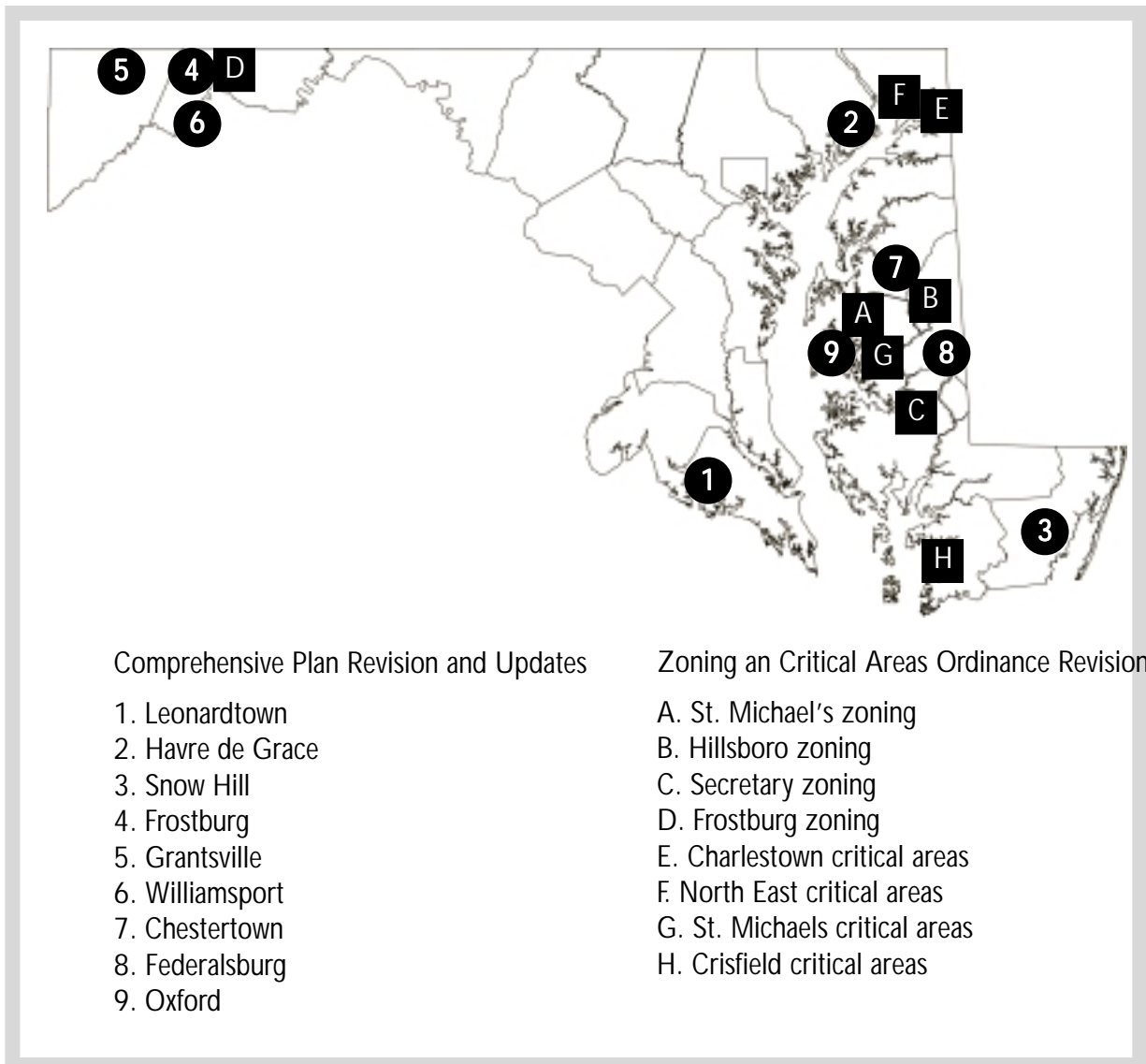
1. **Charlestown** - Prepared maps used in managing buffers around six municipal parking lots.
2. **Port Deposit** - Helped draft site plan review procedures, checklists, and a listing of steps involved in reviewing site plans.
3. **Perryville** - Arranged for the University of Maryland School of Architecture to hold a charrette regarding revitalization of the downtown and also provided maps and heritage information for the study area.
4. **Centreville** - Provided orientation to Town Council regarding the comprehensive plan update process and the elements that Article 66B requires in comprehensive plans.
5. **Elkton** - Briefed planning commission concerning its powers and responsibilities under Article 66B and also provided guidance on preparing the Town's land preservation and recreation element in its comprehensive plan update.
6. **Brunswick** - Provided advice on layout of the 500-acre Brunswick Crossing subdivision in order to insure its connectivity to a nearby school and the rest of the Town, as well as internal circulation.
7. **Frostburg** - Prepared informational brochure for City's historical district commission
8. **Allegheny County** - Wrote and edited newsletter about Allegheny Highland Trail of Maryland

Cross Section of Land Use Policy Work with Local Jurisdictions

MDP staff members provide technical assistance year-round throughout Maryland's counties and municipalities. Their work efforts help these local governments implement State growth policies. Often, this local assistance involves research, problem-solving or simply answering questions posed by local officials. While such activities may not result in a tangible product, they can be very critical to local jurisdictions' management of growth and development and their protection of the environment. The activities of Critical Areas Circuit Riders on the Eastern Shore are typical in this regard. They continually work in the 26 municipalities governed by the Chesapeake Bay Critical Areas Act, conducting project reviews, advising on how to make local Critical Areas ordinances more responsive to the issues posed by development, and providing related services.

Staff members are also heavily involved throughout Maryland in helping prepare the comprehensive plans that explain how people want their community to grow, as well as providing mapping assistance in support of these plans. Staff members also help write zoning ordinances, Critical Areas ordinances, subdivision regulations and other development guidelines that govern how a particular property can be developed.

The following map specifies some counties and municipalities where Department staff rendered this assistance in 2004.



Land Use Planning and Analysis

Strategic land preservation strengthens and enhances resource-based industries that include tourism, agriculture, and forestry. It leverages existing private, local and State investment in land preservation to provide the economic, scenic, and recreational benefits of Maryland's natural resources to its residents and businesses.

As part of MDP's land-use planning responsibilities, the Department conducts land-use planning for the State and local governments and analyzes development trends, zoning regulations, the cost of easements, extent and contiguity of preserved lands and other information in relation to the goals of active land preservation programs in Maryland. This assessment of supporting programs helps determine how well these many programs are working to achieve public land preservation goals.

Additionally, MDP leads the State's Land Preservation, Parks, and Recreation Planning process; coordinates or otherwise represents the Department in initiatives involving State, local, and private stakeholders; supports the watershed conservation initiatives of other State agencies, local governments, and the Chesapeake Bay Program; and analyzes relationships between transportation and land use for the Department's Transportation unit.

2004 Projects

Master Parcel Database

The mainstay of the Division's technical support activities is the Master Parcel Database, a statewide inventory of land resources uniquely suited to support the State's planning responsibilities. It is comprised of numerous GIS layers from in-house and outside sources integrated at a parcel level, and includes, among other things, information on land use, zoning, water and sewer service, watersheds, streams, wetlands, and various regional or local planning area boundaries. These data are combined with parcel data from MdProperty View, the Department's digital property mapping product. A computer model then estimates subdivision and development capacity of individual parcels. The resulting data is applied at State, regional, county, and small-area scales, and is key to the Development Capacity Study the Department will coordinate in 2004 under the Priority Places Strategy Executive Order.

Technical assistance for local jurisdictions

MDP worked with Charles County Maryland to assist in its comprehensive plan update, using the work done for the Development Capacity Task Force.

Alternative future designs for Owings Mills Growth Area

In 2004 MDP completed its project for Owings Mills. MDP worked with Baltimore County to compare alternative future development designs in the Owings Mills Growth Area, Baltimore County, and effects on communities, transportation choice, and air quality. A major consideration was Transit-Oriented Development, i.e., development at and near the existing Metro Station, to create better connections between residences, jobs, and services through community design and the transportation system.

MDP Technical Support

Support MDP staff in various planning projects. Mapped master and water sewer updates. Worked with Local Planning to do an analysis using this data to present to MDE regarding WWTP. Enhanced MDP website with downloadable GIS layers and more interactive mapping web site.

Estimating residential development capacity

Residential development capacity and the ability to estimate it have become increasingly important in recent years. To fulfill the intent of the Governor's Priority Places Executive Order signed in October of 2003, MDP has developed working relationships with counties and municipalities, MACO's Planning Directors' Affiliate, the Maryland Municipal League, the Homebuilders Association of Maryland, and the National Center for Smart Growth at the University of Maryland. In January 2004 MDP worked with 10 local jurisdictions on a pilot study for calculating development capacity. In August 2004 the Governor signed the Executive Order and MOU.

1973 Land Use/Land Cover

Completed vectorized mapping of 1973 land use/land cover from scanned Mylar.

Land Preservation and Recreation Planning

MDP is the lead state agency for land preservation and recreation planning. The Division works with the departments of Natural Resources and Agriculture, county and local governments, private land trusts, and other stakeholders to ensure good return on State and local investment in land for agriculture, outdoor recreation and natural resource conservation. The Secretary of Planning is a member of the MALPF and Rural Legacy boards, and the Division provides key staff support in several capacities.

Maryland Agricultural Land Preservation Foundation (MALPF) assistance

The Department coordinates the Task Force to Study the Maryland Agricultural Land Preservation Foundation (MALPF), and wrote the Task Force's Interim Report for the 2003 Legislative Session. MDP worked successfully with the legislature and the new administration to introduce and pass three of the Task Force's four recommended legislative initiatives for the 2003 Session. The Task Force will conclude its work by June 2004, with recommendations designed to ensure long-term success in achieving statutory goals, which will be the ultimate measure of return on public investment in this well-established Program.

In 2003, the Task Force to Study the Maryland Agricultural Land Preservation Foundation:

- Determined that continued impacts of development on agriculture and rural land are compromising the ability of the program to achieve statutory goals;
- Recommended strategies to correct these shortcomings in its Report for the 2003 Legislative Session;
- Introduced successful legislation to support farmers' ability to supplement income with farm and forestry-related activities and home occupations; reduce the amount of subdivision and development that occurs on and around easements; and establish guidelines for easement ranking systems to better support Program goals.

New Guidelines for Land Preservation, Parks, and Recreation plans

For development of 2005–2006 State and local Land Preservation, Parks, and Recreation plans, the Department collaborated with DNR, the MACO Recreation Director's affiliate, and the legislature's Joint Subcommittee on Program Open Space and the Maryland Agricultural Land Preservation Foundation to produce planning Guidelines that break new ground in Maryland. They will result in the first comprehensive assessment of return on public investment in the suite of State and local land preservation programs that have been established since Program Open Space law was enacted in the 1960's. One of many steps to this end was completion of two statewide surveys in 2003. They provide State and local governments with the public's views on their priorities for government efforts to conserve land, provide accessible opportunities for outdoor recreation, and manage growth and new development.

Maryland Center for Agro-Ecology

Report focusing on Maximizing Return on Public Investment in Maryland's Rural Land Preservation Programs.

Chesapeake Bay Restoration Activities

MDP leads efforts in integrating watershed planning into land use planning through its participation with Chesapeake Bay restoration efforts, the Patuxent River Commission and the Total Maximum Daily Load Program (TMDL). Through these efforts, MDP works with Federal, State, and local governments, non-profit organizations, private businesses, developers' interest, citizen environmentalists, fisherman, farmers, waterman, and other stakeholders to promote development practices that minimize impacts on water quality.



Land Use Planning for Tributary

Strategies – The Department continues to work with State agencies and local jurisdictions to assess and identify land use policies, plans and tools that support Chesapeake Bay Tributary Strategy voluntary goals and conform to TMDL requirements.

In 2004, MDP staff continued to assess local land use and development trends with the Chesapeake Bay 2000 Agreement land preservation and sprawl reduction goals. As a result, the Department is working with local jurisdictions to identify barriers to directing growth inside Priority Funding Areas (PFAs). The Department is also working to identify conflicts between directing growth inside PFAs, TMDLs and other environmental regulations, and the Chesapeake Bay voluntary goals.

Patuxent River Commission – In 2004, the Department continued to staff and have representation on the Patuxent

River Commission (PRC), a 34- member board established to restore the River to its 1950s conditions. The Patuxent River Commission is one of Maryland's 10 Tributary Teams for Bay restoration efforts.

In 2004, the PRC commented on land use issues such as the Inter County Connector and local comprehensive plans, identified violations of soil sand erosion control measures, established a public-private partnership to encourage local businesses to restore habitat on corporate lands, conducted outreach to each of its jurisdictions concerning the state of the Patuxent River's water quality, expanded on the development of economic incentives to clean the Bay, identified Patuxent River basin priorities for meeting water quality goals, among other activities.

Water and Sewer

MDP is mandated to advise the Maryland Department of the Environment (MDE) concerning the consistency of Water and Sewerage Plans and plan amendments with local comprehensive plans and other development related policies and programs.

Major Reviews (6)

Frederick County Town of Middletown subsidiary plan.
Calvert County 2004 Update
Cecil County Master Water and Sewer Plan Final Draft
Dorchester County 2004 water and Sewerage Plan
Garrett County Master Plan Draft
Queen Anne's County 2005 Draft Water and Sewerage Plan

Minor Amendment(s) Reviews (246)

Baltimore County (20)
Carroll County (49)
Frederick County (18)
Garrett County (4)
Harford County (30)
Howard County (1)
Montgomery County (44)
Prince George's County (55)
Queen Anne County (3)
St. Mary's County (10)
Talbot County (3)
Washington County (1)
Wicomico County (2)
Worcester County (6)

Infrastructure Survey – MDP initiated the periodic update to the statewide infrastructure survey of local governments and state agencies regarding their infrastructure needs. The goal of the survey is to support statewide smart growth efforts by assessing statewide infrastructure needs, monitoring infrastructure needs in light of goals, and to identify funding gaps to ensure the State is equipped to handle projected development within Priority Funding Areas and preserve a high quality of life for all communities. The Department administered the survey beginning in September of 2004, and is in the process of updating the results from its last survey, which was conducted in 2001. This was the third infrastructure survey conducted by the Department.

Highway and Transit Projects

The following highway and transit projects are sponsored and conducted by the Maryland Department of Transportation's (MDOT) State Highway Administration (SHA) or Mass Transit Administration (MTA). Through the SHA or MTA project planning study processes, the Maryland Department of Planning provides policy and technical advice to MDOT/SHA/MTA and other federal, state, and local agencies and the public on whether and how the projects are consistent with State planning policies and are in compliance with the Priority Funding Areas law.

The Intercounty Connector (ICC) project in Montgomery and Prince George's Counties is Governor Ehrlich's top transportation priority. The ICC will improve transportation accessibility between the I-95 and I-270 corridors, two prominent economic engines in the State. MDP participates in the NEPA process and related transportation and land use studies for this project. MDP seeks consensus on approaches to reduce environmental impacts from this multi-modal facility while limiting induced land-use change outside of PFAs. MDP is working with MDOT/SHA, Montgomery and Prince George's Counties and other agencies to analyze and address land-use and transportation issues in accordance with the adopted master plans in both counties and the State's Smart Growth law and growth policies.

The following were priority projects started in 2003 but continuing through 2004:

- Baltimore Region Red/Green Line Corridors Transitway Study
- Bi-County Transitway
- I-95, Section 100
- MD 140 (Sullivan Road to Leidy Road)
- I-95, Section 200/300/400

The following project is continuing through 2004:

- I-270/US 15 Multi-Modal Corridor Study

The following project was targeted for completion in 2004:

- Owings Mills TOD

MDP provide input and assistance on the following projects:

- Capital Beltway Corridor Study
- MD 3 (US 50 to MD 32)
- MD 28 (Rockville Town Center)
- MD 28/MD 198 Corridor Improvement
- MD 32 (MD 108 to I-70)
- I-81 Washington County
- I-95/Contee Road
- I-95/Greenbelt Metro Access
- MD 201/US 1 (Capital Beltway to MD 198)
- US 219 (I-68 to PA State Line)
- US 301 (North of Mount Oak Road to US 50)
- US 301 Southern Corridor Study
- I-495/Arena Drive
- MD5/US 301 Corridor Transit Service Staging Plan

- MD 210 Multi-Modal Study
- MD 28/MD 97 Intersection Improvement Study
- US 219 Oakland Project
- I-95 Corridor Master Plan Study
- MD 97 at Brookeville
- US 1 College Park
- MD 24 Harford County
- MD 85 Frederick County

MDP reviewed and provide comments on the following local Comprehensive Plans:

- 2003 Draft Easton Comprehensive Plan
- An Amendment to the Master Plan of Highways Montgomery County
- Draft 2003 City of Gaithersburg Master Plan – Land Use Element
- Draft 2003 Snow Hill Comprehensive Plan
- Draft 2003 Church Creek Comprehensive Plan
- Draft 2003 Snow Hill Comprehensive Plan
- 2003 Shady Grove Public Hearing Draft Sector Plan
- Draft Williamsport Comprehensive Plan, January 2004
- 2004 Draft Town of Indian Head Comprehensive Plan
- 2004 Draft Waldorf Area Plan
- 2004 Draft Westminster Plan
- 2004 Leonardtown Comprehensive Land Use Plan Revision
- 2004 Draft Myersville Comprehensive Plan

MDP reviewed and provided comments on the following research, program review and implementation, MPO's Plans, and technical assistance projects:

- MDP's Transportation and Land Use Modeling Tools: Baltimore Metropolitan Region DRAM-EMPAL Land Use Model Calibration and Validation.
- The PFAs law Implementation Process (including the PFAs law compliance analysis for MD 32, MD 3, I-95, ICC, I-270/US15, and etc.)
- City of Rockville Multi-Modal Development Review Process
- FY 2005 – 2009 Draft CTP Review
- FY 2004 – 2009 Draft CTP Review
- 2004 Maryland Transportation Plan Review
- 2030 Baltimore Region Transportation Plan Review
- WashCog Travel Demand Model Application
- Statewide Pedestrian and Bicycle Advisory Process
- Baltimore Region Transportation Improvement Program Review
- Coordinating BMC Travel Demand Model Improvement
- Air Quality Conformity Process
- Baltimore Region Transportation Equity Planning Process

Maryland State Clearinghouse for Intergovernmental Assistance

The Maryland Department of Planning (MDP) is very proud of its efforts to explore new frontiers in computer technology to assist us to better manage our jobs, increase timeliness, and to improve and enhance our products and services for our constituents. In our commitment to excellence, we have automated the Clearinghouse intergovernmental review process, and some of our products and services. To promote E-MIRC, we have held workshops to introduce and showcase its utility and efficiency. The following are a few examples of our progress:

Electronic Maryland Intergovernmental Review and Coordination (E-MIRC)

In 2004, the Clearinghouse completed phase two in the effort to streamline and electronically update the Maryland Intergovernmental Review and Coordination Process (MIRC). E-MIRC is a web-based process for receiving and transmitting the views of public officials in Maryland on grant applications and proposals for federal and State financial assistance and projects for federal and State direct development, requiring intergovernmental review. E-MIRC was developed in response to a need to increase the efficiency of and to improve the timeliness of project reviews. This database also serves as a valuable tool in tracking potential funds coming into the State.

E-MIRC was designed to evolve in four (4) phases. The first two phases of E-MIRC are fully functional. The in-house Clearinghouse intergovernmental review process is automated (Phase 1) and the project reviewers are transmitting their comments on Clearinghouse projects directly into the E-MIRC database (Phase 2). The ultimate goal is to have project applicants submit their project materials, electronically (Phase 3); and to interface E-MIRC with the federal government's Grants.gov.

With the successful completion of the first two phases of E-MIRC, MDP is able to track total dollar amounts requested by projects received in the Clearinghouse. Project requests for FY2004 totaled \$934,574,216 in federal dollars; and \$510,239,666 in State funds. In FY 2004, the Clearinghouse received and reviewed 1,324 projects through E-MIRC; 757 were direct development projects that included the areas of community and economic development, energy and environment, housing, transportation, water and sewer, school sites, federal and State surplus real property, etc. Approximately \$795,000,000 in Federal and State dollars total was requested for direct development projects.

The Clearinghouse, through the review and recommendation process, is committed to analyzing the financial merits of, overall objectives, and development plans for each direct development project prior to project approval and implementation. Our goal is not only to assist in bringing money into the State, but also to make sure that its being channeled into places and projects that are most beneficial to the State.

Introductory Workshop on (E-MIRC) Database Training

On January 20, The Clearinghouse conducted an “Introductory Workshop on Database Training” for MIRC reviewers and federal representatives. The workshop covered the purpose and origin of MIRC; the roles of the State Clearinghouse, MIRC coordinators, and the Federal approving and funding agencies; and a presentation and training on E-MIRC which included how to submit review comments electronically using the new database.

The workshop offered an opportunity for the federal agencies in attendance to offer their perspectives on the MIRC process. The U.S. General Services Administration, the U.S. Department of Housing and Urban Development, the National Institutes of Health, and the U.S. Army Corps of Engineers also presented an overview of their agency responsibilities. A follow up workshop was held on March 3.

Excess Federal Property: Thomas Point Shoal Lighthouse

In 2004, an official partnership was formed between the City of Annapolis, U.S. Lighthouse Society and its Chesapeake Chapter, the Annapolis Maritime Museum, and Anne Arundel County to obtain ownership of the lighthouse from the federal government.

MDP staff became aware of this historical treasure through searching the Internet for potential development projects affecting Maryland. The Clearinghouse was able to retrieve the documentation for this project and consequently circulated it for intergovernmental review. The review initiated the opportunity for State agencies, Anne Arundel County, and the City of Annapolis to express their interest in the lighthouse. This lighthouse has historical significance because it is the nation’s last unaltered screwpile cottage-type lighthouse on its original foundation.

The partners are committed to maintaining and preserving the lighthouse for historic purposes, and to operating it for public tours. In support of this partnership, Secretary Norton of the U.S. Department of the Interior in a May 1, 2004 Department news release, stated, “Starting with the papers we sign today, it symbolizes the kind of public-private partnerships that will protect historical, cultural and natural treasures for the future.” The Thomas Point Shoal Lighthouse project is an excellent example of the reuse and preservation of a valuable historical resource.

Ongoing Activities

Technical and Information Assistance

Over the course of the year, the Clearinghouse received numerous requests for technical assistance from the public and private sector, non-profits, and individuals. Typical requests include, but are not limited to, information on the MIRC Process, how to write a grant, funding sources for State, federal, and private grants, and loans to start businesses, scholarships, financial aid for college, and student loans. The Clearinghouse also receives a number of requests from public and private sources regarding the availability of excess State-owned real property for private and/or public uses.

Board of Public Works Advisory

In 2004, Clearinghouse staff continued its role in notifying the Board of Public Works (BPW) and State agencies of incidences of non-compliance with the Maryland Code of Regulations regarding real property which resulted in a BPW advisory.

Products and Publications



New Product: The Red Book Online

The *Red Book Online* is a **new** comprehensive, Internet web-based source of valuable information on more than 700 Maryland State financial, direct development, and technical assistance programs. This "easy to use" electronic reference tool is available to any person, organization, or entity, at no charge. Program contacts are provided for users to obtain detailed information on items of interest.

Intergovernmental Monitor

Information on projects and grant proposals submitted to the Clearinghouse for intergovernmental review can be easily viewed online on the MDP website via the Intergovernmental Monitor. Details on projects such as descriptions, locations, applicants, open dates and close dates, etc are available on the Intergovernmental Monitor. This publication is handy for project reviewers and the general public, because it serves as a notification tool, and it serves as a way for reviewers to check for projects they may not have seen, but may have an interest in reviewing.

Clearinghouse Grant Resource Center

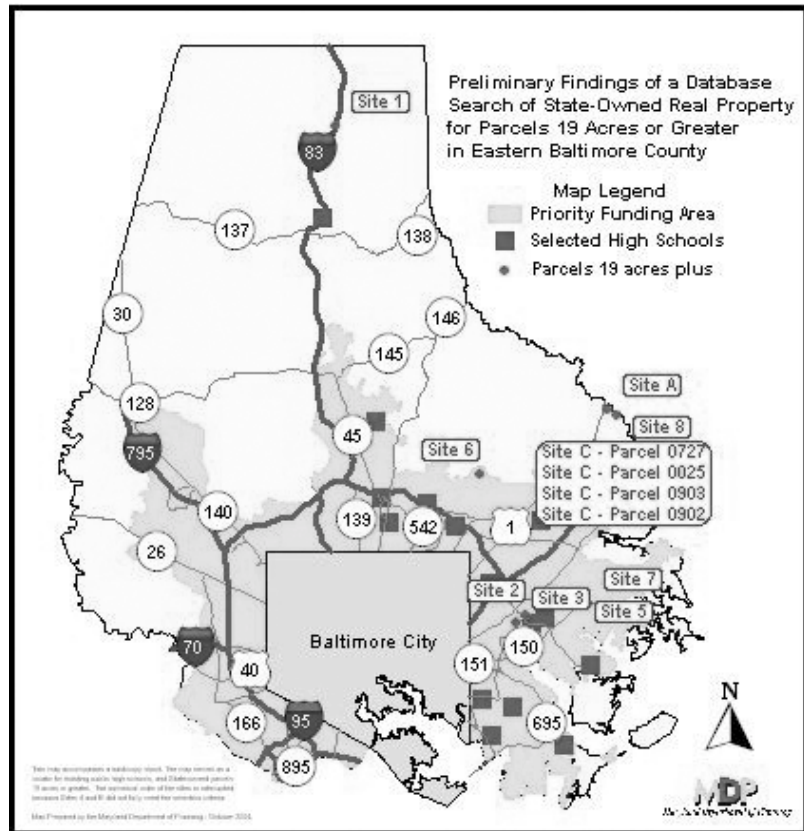
Grants seekers in search of information regarding federal, State, and/or private funding opportunities, scholarships and financial aid, and grantsmanship and training have these resources available to them online on the MDP website under the Grant Resource Center.

Real Property Inventory

The Maryland Department of Planning maintains an inventory of State-owned Real Property and disseminates information about excess State-owned real property. The Real Property Database has holdings of over 13,000 parcels and is based on data provided by the Maryland Department of Assessments and Taxation. MDP developed a web-based application that enables the thirty (30) State agencies that sell, lease, transfer, exchange, grant, or otherwise dispose of State-owned real property to evaluate their current and future need for land and buildings with the use of scalable maps and interactive listings of tabular information.

Preliminary Findings of a Database Search of State-Owned Real Property for a High School Site in Eastern Baltimore County, April 2004

This document was created in response to a request from the Baltimore County Delegation to identify potential high school sites in Eastern Baltimore County. This report provides a listing of parcels of State-owned real property in eastern Baltimore County that are greater than or equal to 19 acres, and are located east of Interstate 83, and south to the Chesapeake Bay and the Patapsco River. Land owned by the Maryland Department of Natural Resources was excluded from the search.



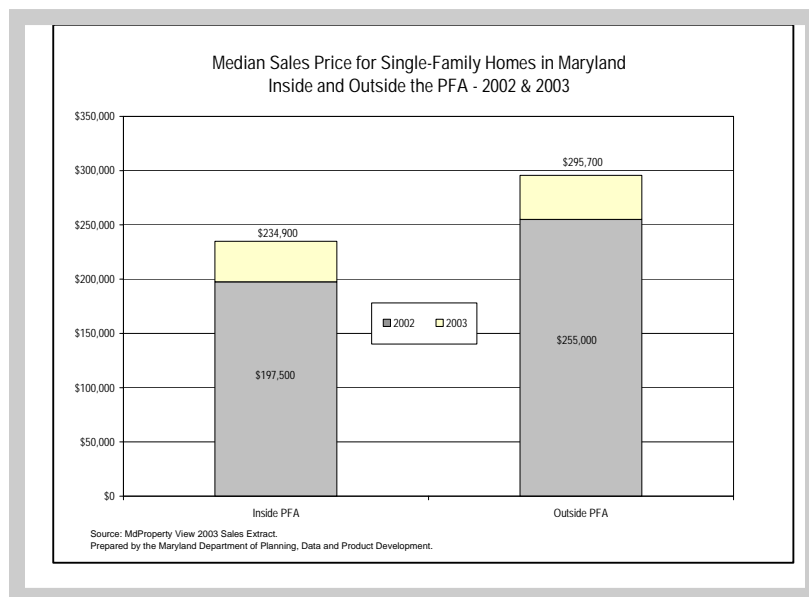
Briefing: State Owned Crownsville Hospital Properties, October 25, 2004

Clearinghouse staff produced a briefing report, including maps, to assist in a study of the reuse of the Crownsville Hospital Center property, which was closed by the Maryland Department of Health and Mental Hygiene (DHMH) in July 2004. The Crownsville properties consist of developed and undeveloped land that is now excess to the needs of DHMH. The report provided the following details:

- background information on the property, including Clearinghouse review and recommendations done on the Crownsville site west of Interstate 97 in 1998 and 2003
- overview of the existing conditions, including a chronology of the Hospital Center property east of I 97, as well as the property west of I 97
- list of entities that have expressed an interest in the property
- legislation submitted concerning the disposition of the property
- Next Steps (follow up).

Residential Sales Analysis

Working with MDP's MdProperty View Sales Extracts, the Data Center analyzed and made accessible via the Internet maps, charts and tables showing the number of residential sales and median sales values by jurisdiction and ZIP Codes as well as inside and outside the Priority Funding Areas (PFA) for 2002 and 2003.



In 2003 there were a total of 51,437 single-family homes (based on Assessments and Taxation parcel data) sold in Maryland, an increase of 2,125 (4.3%) from 2002. The median sales price for these homes increased by \$38,000 (18.3%) to \$246,000. Homes sold inside the PFA were consistently lower in price than those sold outside the PFA in both years. In 2003, the median sales price for single-family homes inside PFAs (\$234,900) was \$60,800

below the median sales price outside of PFAs (\$295,700). This information can be found at http://www.mdp.state.md.us/msdc/Sale_data/2003/SaleData03_Index.htm.

Update of Socioeconomic and Demographic Projections to 2030

MDP completed an update to its long-range socioeconomic and demographic projections to 2030 for the State and its 24 jurisdictions. These projections cover population by age, race and gender, households, labor force by age and gender, jobs, and total and per capita personal income.

The projections indicate that the biggest challenges facing the State are continued suburban growth in the near term and the aging of the baby boom generation beginning in the next decade. Continued growth in population and housing in many suburban jurisdictions will need to be accommodated in an efficient manner minimizing land consumption and infrastructure costs.

At the same time, beginning after 2010 the rapid aging of the baby boom generation will place increasing demands on local jurisdictions for elderly services as well as greatly increase the need for senior housing. The aging of the population into their retirement years will also mean significant challenges for economic development officials as local job growth may well be restricted by labor force availability. This information can be found by clicking on **Projections** on the State Data Center's homepage (<http://www.mdp.state.md.us/msdc/>).

Census View 2000 CTPP (Census Transportation Planning Package) CD-ROM

This CD mapping and decision-support tool enables users to identify, select, and map data available from the 2000 Census Transportation Planning Package (CTPP). Tabular data on characteristics of workers by place of residence and by place of work are provided for small geographic areas – Transportation Analysis Zones (TAZs). TAZ data are used by planners to support decisions on where transportation infrastructure investments are needed. In addition to use by MDP staff, the CD has been provided to State agencies such as MDOT and the Metropolitan Planning Organizations (MPOs) in support of transportation planning: evaluating existing conditions, determining travel demand, and analyzing worker and travel characteristics for study areas.

The State Data Center web site

The number of users accessing the State Data Center website (<http://www.mdp.state.md.us/msdc/>) continues to increase each year - with a tally of more than 400,000 visits this year. The site offers users access to statistical information from the U.S. Census Bureau, other federal agencies such as Bureau of Labor Statistics, Bureau of Economic Analysis as well as data from MDP and other state and local sources. Up to date estimates and projections of selected items provide socio-economic trends and projections for Maryland and its jurisdictions.

Address Lookup Website

In 2004, the Address Lookup Website was upgraded to provide users more flexibility and options to create interactive maps and reports. The application provides users the capability of entering an address to access Census 2000 profiles for their area of interest (county, town, census tract, block group, block or ZIP Code) as well as Congressional and Legislative districts. Users will soon be able to generate radius profiles and select geographic areas of interest. (e.g., selecting census tracts by drawing a rectangle and creating reports for all the selected areas).

Customized Requests

As part of the State Data Center's mission to provide assistance with data dissemination, staff members completed a variety of customized requests for State agencies, local governments and private organizations:

- **Maryland Department of Transportation** - customized demographic profiles to assist in locating potential sites for a new MVA customer service center.
- **Baltimore City Planning Department** - 2000 Public Use Microdata to create unique cross-tabulated statistics of the foreign-born.
- **MTI Enterprises** - maps showing place of work statistics from the 2000 Census Transportation Planning Package data, to assist in locating potential sites for the development of several auto repair centers.
- **City of Bowie** - customized demographic profiles.
- **Maryland Department of Natural Resources** - customized demographic profiles for specified radii of Calvert Cliffs, Mirant Dickerson Gen Plant and Eastalco Aluminum.

- **The Division of TB Control within the Maryland Department of Health & Mental Hygiene** – jurisdiction population estimates for July 1, 2003 by native/foreign born, gender, race/Hispanic origin, and age to be used to generate disease incident rates.
- **Independent Realtor** – Census 2000 data on median and mean home value greater than \$250,000 for selected communities in Baltimore County.
- **Maryland Department of Labor Licensing and Regulation** – files showing the number of people by age and language spoken at home for ZIP Codes from Census 2000 for language translation needs.
- **Maryland Department of Aging** – file showing language spoken at home for persons 60 years and over for language translation needs from Census 2000; 1990 data files showing elderly characteristics by county.
- **Maryland Department of Budget and Management and Maryland Department of Labor Licensing and Regulation** – 2000 Census Equal Employment Opportunity Files showing the state and local employment categories used for human resource reporting.

Data and Product Development

Interagency/Intergovernmental Exchange Projects & Initiatives

Model Agreements for Exchange of Tax Map and Cadastral Maps between MDP and local governments

State and local government each have an interest in maintaining maps showing the locations of property ownership. MDP maintains the State's tax maps as an important base map to support the activities of the Department of Assessments and Taxation. Many local governments maintain cadastral map layers for a myriad of purposes as a vital base map. While these mapping programs may have begun as disparate efforts, it is in the best interest of both parties to synchronize their maps.

In 2004, MDP and the Anne Arundel County Department of Planning, spurred by the Governors Development Capacity Task Force project, began to discuss ways in which both parties could mutually benefit each other with the work and data that each have already done. The result of these discussions led to a model agreement as a vehicle for the exchange of mapped property data between MDP and local government. The goal of these agreements is a coordination of the maps held by the State and local government representing up-to-date parcel information.

TeleAtlas North America agreement for data exchange

TeleAtlas North America is a leading provider of intelligent electronic street maps for use in GIS. Their product, DynaMap, is a trusted name for organizations who perform geocoding- matching databases to a map. In 2004, TeleAtlas is partnering with MDP to use the 2004 and 2005 Editions of *MdProperty View* as an asset in the continued improvement of DynaMap. In exchange, TeleAtlas is providing MDP with the initial and updated DynaMap files for Maryland as well as maintaining a statewide subscription.

Aerials Express agreement- MDP provision of Aerial Imagery to MdProperty Map subscribers

In 2004, MDP initiated a partnership program with Aerials Express, to allow MDP to distribute, as a reseller, extracts of the high-resolution aerial imagery obtained in 2003 to *MdProperty Map* subscribers on a small area basis. The agreement calls for MDP to charge end-users a fee for these extracts and to remit a royalty to Aerials Express for each end-user purchase. This data has usefulness to the private sector users of MDP's *MdProperty Map* products; however, private sectors rarely have a need to commit the resources necessary to acquire aerial imagery for an entire jurisdiction from a firm like Aerials Express.

FINDER Training for SDAT county assessors offices

As part of the partnership with SDAT, MDP provides *MdProperty Map* products to each county assessors office. In addition, MDP provided on-site orientation and training to ten county offices in 2004 with plans to complete this training by the first quarter of calendar year 2005. In addition, we conducted an orientation before the assessors at the Maryland Association of Assessing Officers educational conference in June 2005.

Smart Growth Data Layers and MdProperty View Data Exchange with Local Governments

The Smart Growth Data Sharing Partnership is a cooperative data sharing agreement between MDP and local planning offices at both the County and Municipal levels. *MdProperty View* and *FINDER* are offered to these agencies in exchange for key planning geographic data. Currently there are 30 county and municipal jurisdictions that participate in the agreement with a goal of having every jurisdiction exchanging data with MDP.

Key objectives of this exchange include:

- enhancing the cooperative relationship between MDP and local governments in the State;
- augmenting MDP's role in technical assistance to local governments;
- providing local governments with data and analysis tools they need for good planning;
- furthering the goals of Smart Growth (including Rural Legacy);
- advancing the Geographic Information System (GIS)-related goals and commitments in the 2000 Chesapeake Bay Agreement;
- providing MDP with updated and accurate information related to local governments' key land management and preservation-related programs; and
- improving the efficiency and effectiveness of State and local governments in Maryland by coordinating to eliminate duplication of work, insure accuracy, and to basically keep lines of communication open on geographic-related information between Maryland and its local governments.

Technical Assistance for Metropolitan Washington Council of Government's Econometric Model

Staff at the Maryland Department of Planning chaired the Econometric Modeling Subcommittee that produced a set of long-range population, household and job forecasts for the Washington Region. These forecasts are to be used as controls for the Round 7 jurisdiction-level forecasts to be produced by the COG in 2004. The output of the modeling effort indicates that local forecasts of population and households may not be sufficient to supply the labor necessary to meet the projected jobs.

Geographic Information Systems

Land Use Land Cover Update, Monitoring Three Decades of Land Use Change

MDP maintains and updates digital maps showing a combination of land use and land cover (LULC) for Maryland. With the completion of the 2002 update and the conversion of the first LULC hard-copy maps from 1973 to a digital format, it is now possible to display and analyze nearly three decades of land use change. This historical perspective provides a guide in planning programs and policies regarding development for the next 30 years.

MDP has enhanced the utility of this information by making it available to the public through its website as well as on CD-ROM. LULC is also included on our *MdProperty Map* products. When combined with MDP's other GIS layers and products, LULC assists MDP and other State and local government agencies in tracking development trends, targeting resource protection efforts and planning for overall growth and development.

2004 Zip Code Boundaries

An update of zip code digital boundary files for each Maryland jurisdiction was completed in 2004. This product is very popular with our external clients since the U.S. Postal Service does not make available a public domain computer mapping boundary file of zip code areas. MDP first prepared these files in 1997 with updates in 2000, 2002 and now refined for 2004. The files are used with other GIS Layers such as *MdProperty View*, land use/land cover and aerial imagery. They also work well with data mapped for other organizations and are often used to display client/customer data summarized by zip code.

2004 State Highway Administration Grid Maps

A new set of SHA digital county base maps were completed for Maryland using the latest, 2004 State Highway Administration (SHA) Grid Maps. MDP staff combined the appropriate grids received and clipped them by county boundary to create separate sets of files for Maryland's 23 counties and Baltimore City. For each jurisdiction a feature layer includes interstate and state primary and secondary highways, county, local, municipal, and some private and US Government roads as well as features such as rivers, shoreline, rail lines and park, reservation and municipal boundaries.

GIS Products and Services Completed for Internal and External Clients – Technical Support to other Organizations

MDP's Data and Product Development's GIS Unit responded to over 400 requests for technical assistance in 2004 from both public and private sector organizations. As organizations increasingly utilize geospatial technologies, MDP is asked to provide technical support for a variety of application areas and agency digital map needs. Requests are also for technical assistance - software functionality, availability of data, data conversion, map projections and coordinate systems and training.

Requests for Technical Assistance for 2004 by category are:

1. Requests for Technical Assistance – GIS Related 35.6%
2. Land Use\Land Cover 13.4%
3. Support to MDPropertyView and Related Products 13.4%
4. Aerial Photography\Satellite Imagery 8.6%
5. Geocoding \ Address Matching 5.6%
6. Digital Street Files (database development, use and support) 4.6%
7. Requests for Technical Assistance – Non GIS Related 4.5%
8. Support to Smart Growth Mapping and Analysis 3.5%
9. Census Mapping and Analysis 3.2%
10. Assistance to Regional Staff with Comprehensive Town Plans 3.0%
11. Zip Codes 2.4%
12. Redistricting 2.2%

System Support and Property Mapping

Tax Map Vectorization Improvements

MDP's Property Mapping Unit continues to work with the State Department of Assessments and Taxation's County Supervisors of Assessments to improve the quality of the Tax Maps for Towns. In Caroline County, a set of vectorized town maps for Denton was prepared. Nine new maps based on a rectangular grid replaced the four old irregularly shaped maps. The new maps were overlaid over aerial photography to check the alignment of road rights-of-way and town blocks. The database records for 1,800 properties were updated to match the new map and grid locations.

Similarly for the Town of Elkton, the Property Mapping Unit worked with the Supervisor of Assessments for Cecil County and the town's GIS consultant, KCI Technologies to replace old maps. KCI provided recent digital aerial photography and engineering project drawings to frame the town's planning area. Twenty-six vectorized maps replaced the fifteen old town maps and included areas outside the range of the old maps to accommodate annexations. Covered by the new maps are 30 square miles and over 7,000 properties. Similarly plans for Hagerstown and Salisbury are anticipated as time and work schedule permit.

Growth Trends Inside and Outside the PFA

Data on single-family residential development (including condominium single-family housing) inside and outside the Priority Funding Area (PFA) for Maryland can now be compared for the first three years of this decade (CY2000 – CY2002) to the last three years of the 1990s (CY1997 – CY 1999). This was accomplished by intersecting the PFA boundary with *MdProperty View* improved residential parcels.

- A total of 72,983 single-family residential parcels of 20 acres or less were developed in Maryland in the first three years of this decade compared to 67,243 in the last three years of the 1990s, an increase of 8.5%.
- The housing units for these two time periods consumed 55,377 and 51,678 acres respectively, an increase of just 7.2% as average lot size declined from .769 acres to .759 acres when comparing these two, three-year time periods.

- The share of new single-family housing inside the PFA was 71.94% for the three years of this decade compared to 71.54% for the last three years of the 1990s.
- Since average lot size outside the PFA (2.068 acres) is over eight times that of average lot size inside the PFA (.248 acres), the share of total acres associated with the new development that are outside the PFA is 76.48% for the three years of this decade.
- This compares to 76.43% for the period 1997 – 1999 where lot size outside the PFA averaged 2.064 acres and inside the PFA averaged .253 acres.

Thus during these two time periods the PFA was able to sustain its share of development even in the face of increased development pressure.

MdProperty View Statewide Parcel Geocoding CD-ROM

MDP has created this CD-ROM product to enable users to do Statewide Parcel Geocoding of their address records. Geocoding is the process of plotting records in an address listing (e.g. list of clients, customers or incidents) on a map. By geocoding an address database to the MdProperty View parcel points, users can map their data for display and analysis. MDP updates the Statewide Parcel Geocoding tool at the conclusion of each calendar year quarter using the latest available editions of MdProperty View for Maryland's 23 counties and Baltimore City.

Redistricting and Reapportionment

2002 Precinct Map Layer Created

Working closely with Local Boards of Elections and using our GIS mapping software for redistricting created for each county and Baltimore City updated digital precinct maps based on precinct boundaries as they existed at the time of the 2002 elections, i.e. the first elections based on the then newly formed Congressional and State Legislative Districts. The statewide 2002 precinct map layer contains 1,765 precincts and is available for use with GIS software and MDP's other digital map layers including 2002 Congressional and Legislative districts.

2004 Precincts map layer

Working closely with the local Boards of Elections updating 2002 Precincts to 2004 Precincts. In 2004 there are 1,787 precincts. The statewide 2004 precincts will be available for use with GIS software and MDP's other digital map layers for the 2004 General Presidential election.

Technical assistance to the City of Cambridge

Assisted the City of Cambridge with the Redistricting of its voting wards. Provided maps, data (total and voting age population, major racial group) and written description (metes and bounds) of the wards.

Mapped Restricted Area for Methadone Clinics in Howard County

This map showed existing residential land, 15 foot buffer around the Residential land, other areas, 1500 foot buffer around each elementary, Middle, high, other and private schools.

Minority District technical assistance

Provided technical assistance to City of Princess Anne, Somerset County, in their process of creating minority districts.

Maps Created

- Regional and County Maps showing churches and 2002 Legislative Districts for the Maryland Catholic Conference.
- Statewide map showing Islamic Centers and 2002 Legislative\Congressional Districts for CAIR and ISB.
- Maps showing 2000 Presidential General Election (Bush vs. Gore) and 2000 precincts.
- Maps showing 2002 Gubernatorial General Election (Ehrlich vs. Townsend) and 2002 precincts.
- Prepared over 1000 Congressional\Legislative maps and products based on user requests and maintained and expanded the Redistricting Web Site with over 30,000 annual visits

MDP 2004

In 2004, the following people were part of the Maryland Department of Planning team:

| | | |
|-----------------------|--------------------|---------------------|
| Diane Adkins | Joshua Ghaffari | Babacar Ndiaye |
| Rehan Alavi | Skip Gibson | Jim Noonan |
| Linda Alder | Greg Glavaris | Mike Nortrup |
| Khattab Alhabashi | Mark Goldstein | Mike Paone |
| Steven Allan | Tracey Gordy | Matt Power |
| Robin Allen | Nital Goswami | Mark Praetorius |
| Melissa Appler | Pat Goucher | Marian Pridgeon |
| Jean Appleton | Mark Gradecak | Cindi Ptak |
| Jesse Ash | LaVerne Gray | Nasrin Rahman |
| Moutasem Atiya | Dana Green | Celeste Ratti |
| Samer Atiya | Richard Hall | Shahbaz Raza |
| Bill Atkinson | Tay Harris | Sharon Reichlyn |
| Erik Balsley | Virginia Hawkins | Jim Reilly |
| Myra Barnes | Lorenzo Haywood | Sophia Richardson |
| Robert Barth | Steve Hershey | Tom Rimrodt |
| Lynn Bierly | Roby Hurley | Dan Rosen |
| Allen Blank | Ksenija Ivkovic | Bob Rosenbush |
| Valbona Bozalija | Linda Janey | Pat Russell |
| Bruce Bozman | Jim Johnson | Greg Schuster |
| Sam Bradner | Oumy Kande | Audrey Scott |
| Lynn Buhl | Mazhar Kapadia | Dolores Shacklock |
| Charles Bulow | Linda Keller Nace | Christine Shenot |
| Betsy Burian | Seung Kim | Carol Shockney |
| Angela Butler-Perkins | Pam Lacey | Chad Shrodes |
| Amy Chen | Mark Lebed | Hakeem Siddiqui |
| Kimani Choi | David Lee | Mary Ann Skilling |
| John Coleman | Kuang-Yao Lee | Christina Slaughter |
| David Cotton | Michel L  ttr   | Elizabeth Smith |
| Ted Cozmo | Joyce Lima | Linda Spencer |
| Debbie Czerwinski | Carlita Lindsey | Marshall Stevenson |
| Bob Dadd | Doug Lyford | Mike Stranovsky |
| Vicki Day | Karen Maisenhalder | Joe Tassone |
| Larry Duket | Aziz Mammad | Carol Taylor |
| Elias Ebone | Faisel Maniar | Aaron Tomarchio |
| Lynda Eisenberg | Gary Maragos | Jane Traynham |
| Rita Elliott | Farooq Marfani | Linda Vasbinder |
| Kathleen Ellis | Stephanie Martins | Gil Wagner |
| Teresa Feetham | Arabia Matthews | Shelley Wasserman |
| Al Feldstein | Rob Maxwell | David Whitaker |
| Gail Fields | Mike McKinley | Barbara Wise |
| Fred Fleischmann | Gabrial Miller | Bihui Xu |
| Larry Fogelson | Cheryl Moore | Joe Yesley |
| Kristen Forsyth | Zaman Munir | Dongming Yin |
| Weldon Freeman | Rafiq Muntaqim | Zeeshan Yakoob |
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