



**State of Maryland
BRAC Action Plan**

**2009
Progress Report**

Martin O'Malley, Governor

Anthony G. Brown, Lieutenant Governor



ANTHONY G. BROWN
LIEUTENANT GOVERNOR

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TTY USERS CALL VIA MD RELAY

December 16, 2009

The Honorable Martin J. O'Malley
Governor of Maryland
State House
100 State Circle
Annapolis, Maryland 21401-1925

Dear Governor O'Malley:

On behalf of your Subcabinet for Base Realignment and Closure (BRAC), it is my pleasure to present for your review and consideration the Subcabinet's 2009 Progress Report.

Many strides were made by the BRAC Subcabinet this past year despite the unprecedented challenges our State faced due to the unfavorable national economic conditions. I am pleased to report that the Subcabinet made progress in the areas of workforce creation, education, transportation, environmental stewardship as well as community and business development. Through the strong partnerships with our Congressional delegation, federal and local government agencies, community leaders, military installations, commands and alliances, we are able to prioritize BRAC initiatives and allocate resources.

The BRAC Subcabinet has worked diligently to remain on track with the BRAC Action Plan issued in the fall of 2007. This year, the Subcabinet met with military installation commands and the surrounding communities to triangulate efforts to provide more specified approaches to meet the needs of incoming military commands, private sector employers, employees and their families. Some of these initiatives launched this past year include developing a BRAC internship web site; creating a BRAC affordable housing preservation initiative; convening a Higher Education Summit to address the higher educational needs near Aberdeen Proving Ground; signing a Memorandum of Understanding to address environmental and water usage issues in northeastern Maryland; and passing legislation to provide BRAC family members a more fluid transition into our workforce by allowing the transfer of certain professional licenses.

Your continued support and that of the Subcabinet members will remain instrumental this coming year as we continue to prepare Marylanders for the opportunities presented through BRAC, and welcome the first wave of new employees and their families to our State.

Sincerely,

A handwritten signature in black ink, appearing to read "AGB", written over a circular stamp or seal.

Anthony G. Brown

AGB/pcr

Enclosure





BRAC Subcabinet Action Plan Progress Report

January 1, 2009 — December 31, 2009

Governor’s Subcabinet on Base Realignment and Closure

In January 2007, Governor Martin O’Malley convened the Base Realignment and Closure (BRAC) Subcabinet to coordinate planning for growth that will accompany the U.S. Department of Defense (DoD) BRAC action at Maryland military installations. The Subcabinet was established by statute effective June 1, 2007, with authorization continuing to December 2011.

All State actions to support BRAC at military installations in Maryland are coordinated and overseen by the Subcabinet. This includes related initiatives in the areas of workforce readiness, business development, education, community infrastructure and growth, environmental stewardship, workforce housing, and transportation.

The Subcabinet consists of Lieutenant Governor Anthony G. Brown, who serves as chair, and the cabinet-level secretaries of the nine State agencies most immediately involved in BRAC-related issues. In recognition of the opportunities that BRAC presents to small and minority businesses, the O’Malley-Brown Administration subsequently included the Governor’s Office of Minority Affairs in the Subcabinet, for a total of 10 State agencies.

State agency Subcabinet members include:

- T. Eloise Foster, *Secretary of Budget & Management (DBM)*
- Christian S. Johansson, *Secretary of Business & Economic Development (DBED)*
- Shari T. Wilson, *Secretary of the Environment (MDE)*
- Raymond A. Skinner, *Secretary of Housing & Community Development (DHCD)*
- Alexander Sanchez, *Secretary of Labor, Licensing, & Regulation (DLLR)*
- Richard E. Hall, *Secretary of Planning (MDP)*
- Beverley K. Swaim-Staley, *Secretary Department of Transportation (MDOT)*
- Nancy S. Grasmick, Ph.D., *State Superintendent of Schools, State Department of Education (MSDE)*
- James E. Lyons, Sr., Ph.D., *Secretary of Higher Education Commission (MHEC)*
- Luwanda W. Jenkins, *Special Secretary, Governor’s Office of Minority Affairs (GOMA)*

The mission of the Subcabinet is to enable the State to fulfill its responsibility to support our nation’s defense and security efforts, while maximizing the benefits and opportunities resulting from the BRAC process. Through a regional approach, the Subcabinet coordinates State activities and works with federal and local governments to prepare for and accommodate incoming households and jobs while sustaining and enhancing the quality of life throughout the State.

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Executive Summary

Introduction

The Governor's BRAC Subcabinet developed a BRAC Action Plan in 2007 to ensure the State's preparedness for incoming residents and jobs. Working in tandem with our county and local government partners and the DoD's planning phase for military mission moves, the State of Maryland continued to move forward in 2009 with its programs and initiatives to meet the BRAC federally mandated completion date of September 2011.

The BRAC Action Plan set forth initiatives, programs and other measures necessary to address the needs of incoming residents and opportunities BRAC presents, while preserving the coveted quality of life enjoyed by Marylanders. As we continue towards the September 2011 deadline, we look forward to working with our local, federal and private sector partners as we begin to realize the steady upswing in jobs and population created by the military mission moves to DoD facilities in Maryland.

This year the Subcabinet interacted with regional, federal and local partners as well as military installation leaders to continue to calibrate Subcabinet efforts with BRAC needs. The Lieutenant Governor and Subcabinet members met on numerous occasions throughout the year with Senior Leadership of Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR), the organization relocating to Aberdeen Proving Ground (APG) from Fort Monmouth, New Jersey and Defense Information Systems Agency (DISA) which is relocating to Fort George G. Meade from northern Virginia.

In addition, throughout 2009, the Lieutenant Governor and the Subcabinet agencies met with BRAC impacted counties around APG, Fort Detrick, Fort George G. Meade, National Naval Medical Center (NNMC), and Joint Base Andrews Naval Air Facility Washington (Joint Base Andrews) – formerly Andrews Air Force Base. The public meetings allowed the Subcabinet to solicit and compile input from our local partners and residents. The BRAC Subcabinet received extensive comments and feedback during these visits. Such feedback was essential in helping the State with its prioritization of projects and evaluation studies.

This 2009 Progress Report summarizes each of the BRAC Subcabinet agencies' progress and the status of initiatives designed to meet the DoD BRAC implementation deadline of 2011. The report also provides descriptions of 2009 accomplishments as well as projected areas of focus for 2010, detailing the status of each initiative in the State BRAC Action Plan matrices, as found in the Appendix.

*Governor O'Malley and
Lieutenant Governor
Brown at Dunbar High
School Ribbon Cutting in
Baltimore City on August
31, 2009.*



Executive Summary (continued)

Action Plan Accomplishments

During 2009, the BRAC Subcabinet agencies worked diligently to remain on track with the BRAC Action Plan. The support and resources provided by the BRAC Subcabinet agencies to our county and local partners as well as our federal partners and defense contractors, Maryland businesses, and future incoming residents is commendable.

Legislative

- Senate Bill 257 – *Interstate Compact on Educational Opportunity for Military Children* enables Maryland to facilitate a better transition for the children and families who come to Maryland due to military reassignments and helps to ensure that their various educational needs are met;
- House Bill 1452 – *Waiver of Examination Requirements-Stationary Engineers, Plumbers, Gas Fitters and HVACR Contractors* helps to ease the transition of BRAC families to Maryland by enabling certain occupational licenses to be transferable; and
- House Bill 1459 – *The BRAC Community Enhancement Act* more closely aligns the implementation of the BRAC Zone program to the intent of the law that was passed last year – to assist local governments to fund infrastructure improvements in areas focused on BRAC growth while keeping with Smart Growth principles.

Accountability and Tracking

- Subcabinet staff met with agencies on a quarterly basis to review BRACSTAT – a reporting system developed to track, evaluate and improve programs presented in the 2007 BRAC Action Plan; and
- The MDE and MDOT managed over \$3 million in grant funds from the DoD Office of Economic Adjustment (OEA).

Workforce

- Lieutenant Governor Brown convened the Northeastern Maryland Higher Education Summit to bring together stakeholders to discuss possible solutions to the higher education needs around APG;
- The Governor’s Science, Technology, Engineering and Mathematics (STEM) Task Force issued its report with recommendations to advance our workforce pipeline such as tripling the number of teachers in STEM shortage areas and increasing the number of STEM college graduates by 40 percent by 2015;
- DLLR sponsored a Recovery and Employment Assistance Lifeline (REAL) advisor at NNMC to provide resources to veterans, service members wounded in the Iraq and Afghanistan conflicts and their family members so they can successfully transition to a rewarding career in the civilian sector;
- MHEC awarded and monitored the first round of BRAC Higher Education Fund grant recipients which produced approximately 1,200 participants in direct workforce development programs;
- MHEC issued a Request For Proposal (RFP) to develop a BRAC Internship Web site which will be launched in 2010; and
- DLLR and MHEC conducted the “BRAC and Higher Education in Maryland: An Assessment of Preparedness and Capacity” study to determine their preparedness and capacity to meet impending BRAC post secondary education demands.

Executive Summary (continued)

Outreach

- GOMA launched a new comprehensive BRAC Web page that contains information about BRAC small and minority business initiatives as well as resources, contact information, and links to other BRAC-related sites for additional information on the overall BRAC effort in the State. The Web site can be accessed at: www.mdminoritybusiness.com/BRAC4.html;
- Lieutenant Governor Brown, along with members of the Maryland Congressional Delegation, held a Minority Business Enterprise (MBE) conference at Bowie State University in order to inform small, women, and minority-owned businesses of the procurement opportunities with the DoD;
- Governor O'Malley and Lieutenant Governor Brown, in cooperation with the MBE coordinating agencies of the State of Maryland, held the Minority Business Enterprise University initiative for small, women, and minority-owned businesses. Participants were provided with information on procurement opportunities; and
- GOMA provided information to business organizations and chamber groups to better educate the small, women, and minority-owned business community about BRAC.

Business Assistance

- GOMA provided BRAC-related assistance to over 300 small, women, and minority-owned firms throughout the year;
- DBED established the Federal Facilities Advisory Board to serve as the primary point of contact for relationships with in-state federal facilities; and
- DBED established the Office of Small Business and created the Small Business Task Force to help Maryland's small businesses operate more efficiently and effectively to include issues related to BRAC impacted businesses.

Infrastructure

- The Lieutenant Governor convened the second Northeast Water Summit which resulted in the signing of a Memorandum of Understanding among the participating State and local government entities. These partners are committed to developing a regional solution to the water supply challenges facing the region through and beyond the federally mandated 2011 BRAC implementation timeline;
- DBED awarded BRAC Zones to the City of Aberdeen and Howard County. They join the first round of designees – cities of Baltimore, Frederick and Laurel and the counties of Anne Arundel and Prince George's who received designations in 2008; and
- MDOT advanced a wide range of projects and initiatives, such as SHA intersection improvements and enhanced access to transit services, that will collectively serve to help meet the State's BRAC transportation needs;
- MDOT programmed \$98 million in its 2010-2015 Draft Consolidated Transportation Program (CTP) to fund top priorities identified within SHA's programmed intersection improvements; and
- DHCD was awarded \$4.5 million from the John D. and Catherine T. MacArthur Foundation to help preserve 9,000 units of rental housing in BRAC impacted counties over the next 10 years (local BRAC impacted jurisdictions are partners with DHCD in this effort).

Executive Summary (continued)



Congressman Dutch Ruppersberger, Anne Arundel County Councilman Daryl Jones, Anne Arundel County Executive John Leopold, COPT President and CEO, Rand Griffin, U.S. Senator Ben Cardin, Lieutenant Governor Brown and DBED Secretary Christian Johansson at the COPT groundbreaking ceremony at the National Business Park near Fort George G. Meade on July 20, 2009.

BRAC Funding

Maryland revenue collections have fallen short of estimates for Fiscal Year 2010 due to the national economic downturn. To maintain a balanced budget in Fiscal Year 2010, the O'Malley-Brown Administration has reduced operating budget spending by more than \$1 billion since the beginning of the 2010 Fiscal Year. Despite these reductions, the Fiscal Year 2010 budget demonstrates the State's commitment to BRAC with \$885 million in capital and operating funds dedicated toward projects in the 2007 BRAC Action Plan.

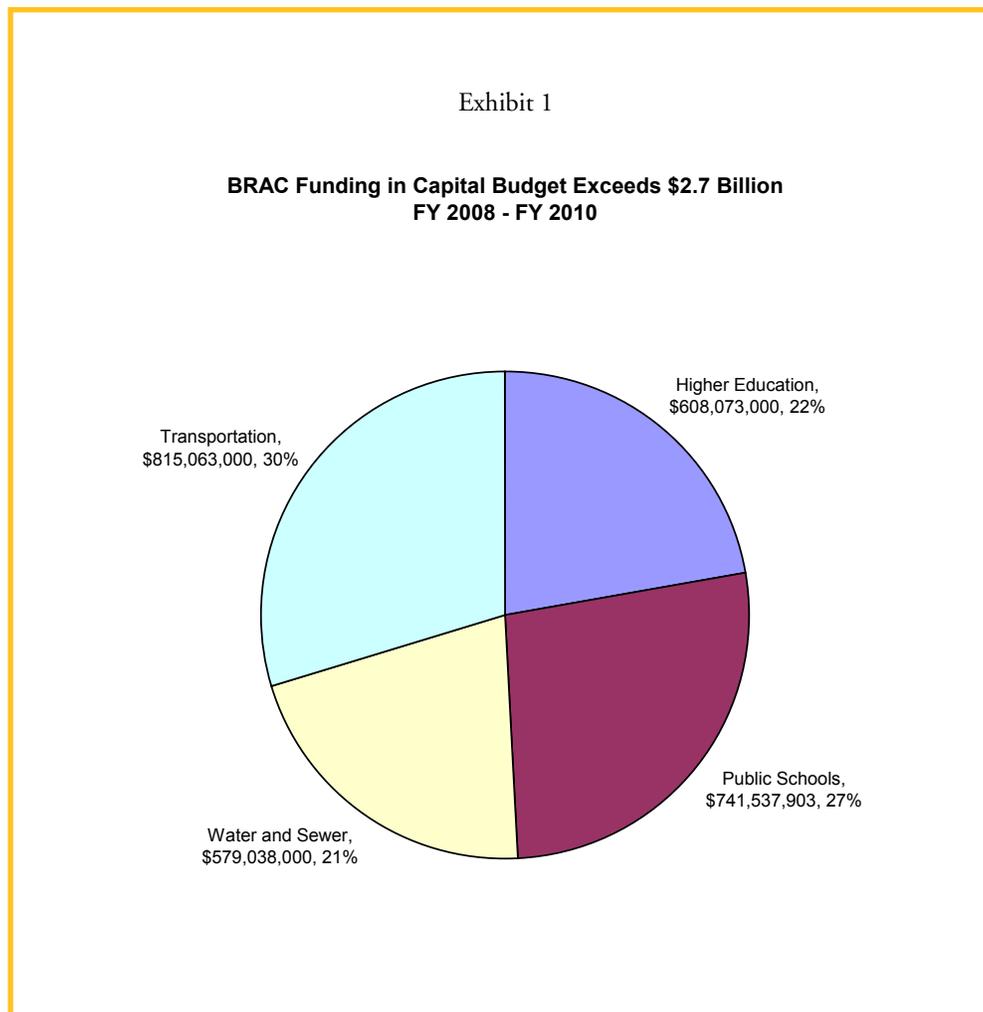
Significant Fiscal Year 2010 investments in counties impacted by BRAC include:

- \$250 million to expand wastewater treatment plant capacity, mitigate the environmental impact of additional wastewater discharge on the Chesapeake Bay, and upgrade water and sewer systems in counties impacted by BRAC. American Recovery and Reinvestment Act funds provided \$56 million, or 22 percent, of the funding for these projects;
- \$238 million for transportation projects directly facilitating access to BRAC impacted bases. Approximately \$98 million is dedicated for near-term intersection improvements around Fort George G. Meade, APG, and NNMC. Additional investment includes \$115 million through 2015 for the Maryland Area Regional Commuter (MARC) Growth and Investment Plan, which will expand MARC's capacity and improve service in the region. This allocation of resources is consistent with MDOT's "high/low" BRAC investment strategy of pursuing lower-cost improvements that can be implemented quickly, while also advancing higher-cost and higher-capacity projects that will take longer to plan, engineer and construct;

BRAC Funding (continued)

- Over \$202 million for construction projects at community colleges and other higher education facilities. Projects include over \$16 million for Montgomery College's Germantown Campus Bioscience Education Center and over \$18 million for Prince George's Community College's New Center for Health Studies;
- \$190 million to construct new schools and maintain and expand capacity at existing schools including over \$16 million to Harford County public school and \$25 million to Anne Arundel County public schools; and
- More than \$6 million for workforce training and development, including \$864,700 for the BRAC Higher Education Fund and \$4 million for DLLR to improve regional workforce development.

The Fiscal Year 2010 BRAC funding commitments bring the State's total investment in BRAC readiness during the O'Malley-Brown Administration to more than \$2.7 billion. The largest commitment of funding for BRAC readiness in 2009 supports construction of new K-12 schools and the renovation of existing schools. The allocation of BRAC funding across key activities is presented in Exhibit 1.



BRAC Funding (continued)

Due to the national economic downturn, minimal growth in State revenues is expected for Fiscal Year 2011. Current estimates indicate that reductions of close to \$2 billion to projected State spending are required to balance the budget. Despite the limited availability of State resources, BRAC remains a high priority for the State and a significant investment in BRAC-related infrastructure projects is anticipated. Specific BRAC funding initiatives will be announced when the Governor's Fiscal Year 2011 budget is released in January 2010.

Challenges and Focus for 2010

The national economic downturn has affected the funding of many State programs and initiatives, however the Subcabinet remains committed to identifying resources and actions to create a smooth transition for the incoming DoD agencies, contractors and residents, while at the same time maintaining Marylanders' high quality of life. To the degree feasible, the Subcabinet will stay on course with the programs and initiatives of the 2007 BRAC Action Plan. The BRAC Subcabinet will continue to enhance relationships with its partners to identify alternative funding resources, such as private sector MacArthur Foundation and federal Defense Access Road (DAR) grants, to meet BRAC needs. It will be through these partnerships and a regional approach that the State will advance the BRAC Action plan agenda. Highlights of the focus of the Subcabinet in 2010 include:

Accountability and Tracking

- BRAC Subcabinet agencies will continue tracking and evaluating their BRAC Action Plan measures via BRACSTAT with a focus to fine tuning efforts to meet evolving BRAC needs and budgetary constraints.

Workforce

- DLLR will develop workforce initiatives stemming from the successful Workforce One Maryland projects which were completed in 2009;
- DLLR will continue to host the highly successful career recruiting events throughout the State;
- MHEC will launch the BRAC Internship Web site in order to connect college students with internship opportunities with defense contractors;
- MHEC will work with institutions of higher education and our local partners to address the higher education needs identified in the 2009 Northeastern Maryland Higher Education Summit; and
- MHEC will monitor BRAC Higher Education Fund programs of 2010 awardees throughout the year.

Outreach

- DBED will continue to work with in-state private sector companies with BRAC-related expansion needs;
- DBED will distribute marketing materials highlighting the benefits of a Maryland location for out-of-state defense contractors to supplement the marketing and outreach plan and, with local partners, continue to assist businesses seeking Maryland business locations and contracting opportunities; and
- GOMA will partner with the Regional Economic Studies Institute of Towson University to create a "tracking mechanism" to determine the extent of minority participation in the BRAC federal projects.

BRAC Funding (continued)

Business Assistance

- DBED will continue to facilitate partnerships with military installations, businesses and local partners to continue the smooth BRAC transition as well as support installations; and
- GOMA will continue to provide BRAC-related assistance to small, women, and minority-owned firms.

Infrastructure

- MDE will continue to support local efforts toward a northeastern regional water supply solution;
- MDOT will continue to advance its “High/Low” strategy and collaborate with local stakeholders to identify and advance priority projects that will support both the BRAC actions and long-term planning objectives for impacted communities;
- MDOT will work with stakeholders and the Maryland Congressional Delegation to explore all funding options available to support the State’s transportation programs. Funding options include: the DoD’s DAR program, which helps fund the military’s fair share of costs associated with transportation improvements necessitated by defense actions; federal stimulus programs; surface transportation legislation; federal appropriations; and private developer contributions where appropriate; and
- MDOT will advance Smart Growth projects that will increase access to transportation, revitalize streetscapes, and promote bicycle and pedestrian travel.

2009 Subcabinet Legislative Initiatives

Interstate Compact on Educational Opportunity for Military Children

This law makes Maryland a member of the interstate compact which enables states to collaborate to ensure that the various educational needs of military children are met. The compact focuses on military children transferring between school districts and states. The goal of the compact is to provide military children a seamless transition into Maryland schools. Some of the issues addressed by the compact include:

- Transfer of records
- Course sequencing
- Graduation requirements
- Exclusion from extra-curricular activities
- Redundant or missed entrance/exit testing
- Kindergarten and first grade entrance age variations
- Power of custodial parents while parents are deployed

This legislation was originally introduced during the 2008 Legislative Session of the General Assembly. The bills were amended to create a Task Force to identify and examine educational issues affecting military families and make appropriate recommendations. Based on the work of the Task Force, the legislation was reintroduced during the 2009 Session with minor changes and passed.

2009 Subcabinet Legislative Initiatives (continued)



Lieutenant Governor Brown, Senate President Miller, Governor O'Malley, and House Speaker Busch signing into law the Interstate Compact on Educational Opportunity for Military Children on May 19, 2009.

Waiver of Examination Requirements

In order to attract the BRAC spouses and families whose jobs require licensure, the DLLR worked to ease the transition of BRAC families to Maryland by enabling certain occupational licenses to be transferable. Of the 27 licenses where equivalencies existed in other states, 23 license waivers were administratively approved by the Department. The remaining four licenses were approved through legislation during the 2009 Legislative Session of the Maryland General Assembly. The legislation, which became effective on October 1, amends the reciprocal waiver of examination provisions of licensing statutes that govern stationary engineers, plumbers, gas fitters and heating, ventilation, air-conditioning and refrigeration contractors. These provisions typically provide the basis for an individual licensed in another state to become licensed in Maryland without having to take Maryland licensing examination, based on having met substantially similar requirements to those in the other state. It is important to note that examination waivers are temporary and sunset on July 1, 2012, which coincides with the ending of BRAC transfers to Maryland.

BRAC Community Enhancement Act (BRAC Zones)

On May 19, Governor O'Malley signed into law legislation that will assist communities with designated BRAC Zones to achieve a greater financial benefit for the zone. The Bill is an amendment to Senate Bill 206, adopted in 2008, which authorized the creation of BRAC Zones. The intent of both Bills provides for financial incentives to focus growth in areas that are designated for growth; provides local governments with financial assistance for public infrastructure in these well-defined areas; and aligns other State resources and programs to local governments located in the BRAC Zones for a coordinated State effort to guide BRAC growth within these zones.

2009 Subcabinet Legislative Initiatives (continued)

House Bill 1429 amends the original BRAC Zones law by delaying the start of the 10-year designation of a BRAC Zone until the first property becomes a qualified property to maximize the benefit for the jurisdiction. The Bill also changes the date that the local jurisdictions must notify the State Department of Assessments and Taxation (SDAT) regarding qualified properties and the date that SDAT will calculate the payment to the local jurisdictions to allow as much time as possible for qualified properties to be completed. To ensure community involvement, the bill also requires the Secretary of the DBED to notify county delegations upon receipt of a BRAC Zone application.

On June 15, 2009, Lieutenant Governor Brown announced the designation of two new BRAC Zones. The City of Aberdeen and Howard County join the first round of designees – cities of Baltimore, Frederick and Laurel and the counties of Anne Arundel and Prince George's who received designations in 2008. Funds collected from the increased tax assessment of eligible development projects within the 2009 designated BRAC Zones will assist in supporting a parking structure, transportation improvements and water and sewer line replacements.



*BRAC zone
construction
underway
at APG.*



2009 Subcabinet Legislative Initiatives (continued)

BRAC Higher Education Fund

For Fiscal Year 2010, the Maryland General Assembly authorized \$864,700 from the Higher Education Investment Fund to be used for initiatives to address higher education needs related to BRAC. Eleven institutions of higher education were awarded grants in this second round of the program. The emphasis of the 2010 program is on grants that meet identified workforce needs, such as administrative and lab support personnel. Grants range in size from \$44,000 to \$93,000.

Maryland Department of Labor Licensing and Regulation

2009 Challenges and Accomplishments

DLLR continues to implement policies and projects designed to help those seeking employment due to the BRAC 2005 decision. This past year has been particularly important because civilian federal employees at Fort Monmouth and northern Virginia received from the DoD their official transfer of function notifications of their new assignments to Maryland. These notifications have prompted many to seek transition and workforce services at Maryland's Transition/One-Stop Career centers throughout Maryland, Virginia, and New Jersey.

DLLR continues to employ a three-pronged approach to meeting the workforce challenges presented by BRAC to Maryland:

- Assist BRAC impacted individuals' transition to Maryland;
- Train current Marylanders to staff jobs not filled by current employees; and
- Continue to work with other State agencies to develop our future workforce capacity and maximize the benefits the BRAC transition will bring to Maryland.

Worker Retention and Transfer Assistance

To assist individuals making the transition to Maryland, DLLR has established out-of-state Transition/One-Stop Career centers located in New Jersey and Virginia. Each site is staffed by workforce professionals who assist with a range of services for workers who wish to transfer to Maryland, including spousal/family employment; and education, training, housing, and transportation information. Information gathered at the centers is shared with other State agencies so they can better prepare for the needs of transitioning workers.

The two centers established last year in Fort Monmouth, New Jersey have seen consistent increases in the number of clients served, with a total to-date client count over 6,000. In Virginia, Transition/One-Stop Career centers were established at three DISA locations to provide services to the employees who will be transitioning to Maryland. Each location at DISA is supported by an interactive, touch screen kiosk which provides a complete portrait of the State of Maryland as well as information to assist in the decision-making process. Presently, the kiosks have received over 3,000 individual uses and continue to be an integral part of Maryland's outreach efforts.

In addition to serving clients at the Transition/One-Stop Career centers, DLLR staff has been instrumental in coordinating relocation events in New Jersey and Maryland. These relocation events were attended by several BRAC Subcabinet agencies.

In order to attract the BRAC spouses and family members whose jobs require licensure, DLLR sponsored legislation designed to ease the transition by enabling certain occupational licenses to be transferable. Of the 27 licenses where equivalencies exist in other states, 23 license waivers were administratively approved. The remaining four license waivers were approved through

Maryland Department of Labor Licensing and Regulation (continued)

legislation during the 2009 Legislative Session of the Maryland General Assembly. DLLR's legislation which grants a waiver for stationary engineers, plumbers, gas fitters and heating, ventilation, air-conditioning, and refrigeration contractors transferring from New Jersey and Virginia. This legislation allows individuals in the above named occupations who currently hold a professional license in one of the transferring states to waive the licensing requirements to become licensed in Maryland. The legislation was passed by the General Assembly and signed into law by Governor O'Malley on May 19. The passage of this important piece of legislation allows DLLR to give transferees an opportunity to obtain licenses for virtually all the licenses with minimum inconvenience.

Building Existing and Emerging Workforce

DLLR has held two competitive rounds of grant funding to support projects for the BRAC impacted installations. Approximately \$1 million has funded multiple innovative, collaborative and creative projects focused on workforce development planning and readiness activities associated with BRAC in Maryland. These projects address a variety of issues, from security clearance education to procurement training, and are critical to building the workforce capacity necessary for BRAC-related occupations. Currently, these projects have completed their first program year and are producing annual reports detailing their outcomes and successes. Some highlights include:

- Launch of a Web site and speakers bureau to teach students about the requirements and procedures for obtaining security clearances;
- Development of a training course educating contractors how to work in secure compartmented information facilities; and
- Development of a training course for individuals to become procurement and logistics specialists.

In partnership with the U.S. Department of Labor (USDOL), DLLR is sponsoring a REAL advisor to be located at NNMC in Bethesda. The REAL Lifelines advisor will provide veterans and transitioning service members wounded and injured as a result of the Iraq and Afghanistan conflicts and their family members, with the resources they need to successfully transition to a rewarding career. This program will be used to enhance a number of other veterans programs currently in place at DLLR by facilitating cross-jurisdictional collaboration between various workforce development programs.

To grow our regional economy, representatives from the District of Columbia, Maryland and Virginia's workforce systems, with guidance from the USDOL, have established the Mid-Atlantic Regional Collaborative. The goal of the Collaborative is to build a globally competitive regional talent development system to drive and sustain regional prosperity in the Collaborative's region. In order to provide the research necessary to direct its efforts, the Collaborative recently commissioned and published a Regional Workforce Development System Gap Analysis and Asset Mapping Study. This report seeks to establish a baseline workforce and an economic and education supply and demand analysis resulting from the impacts of BRAC in the region. As a result, policymakers will be able to critically analyze changes, develop successful strategies to close the skills-gaps, and train up the current workforce to meet the demands of employers in the region.

With the assistance of our local workforce partners, DLLR continues to host numerous BRAC



Maryland Department of Labor Licensing and Regulation (continued)

job fairs throughout the State. The goal of the fairs is to connect Maryland jobseekers with the federal civilian and private industry opportunities resulting from BRAC. In Fiscal Year 2009, there were over 25,000 jobseekers in attendance at the various job fairs. An example of this effort is the June 13 DISA job fair, held at the Johns Hopkins Applied Physics Laboratory. Over 4,762 individuals attended the job fair and 55 positions were filled as a result of the direct hiring authority granted for the event. This has been one of the most successful BRAC initiatives that DLLR has employed and will remain a staple of the Department's outreach efforts.

To identify the strengths and weaknesses of Maryland's current workforce system, DLLR has collaborated with its sister agencies in Maryland State government. Together, DLLR and MHEC have commissioned a series of studies designed to examine Maryland's current workforce pipeline. The goal is to re-align State efforts with the ever-changing demands of the BRAC-related opportunities that are expected to grow rapidly in the coming years.

Specifically, the study surveyed higher education institutions in Maryland, Washington DC, Virginia, and Delaware to determine their preparedness and capacity to meet the demands of the BRAC post secondary education needs facing Maryland. The study entitled, "BRAC and Higher Education in Maryland: An Assessment of Preparedness and Capacity," was completed by The BRAC Research Group of the Maryland Higher Education Commission in 2009. It examined the gaps in programs and curriculums that are not offered in the region but are vital and necessary to meet the demands of BRAC-related employment. It also identified the institutions with the infrastructure and capacity to expand their current courses to meet impending BRAC demands. In addition, the study evaluated the current rate of hiring by employers in our region, the needs of federal agencies and contractors moving due to BRAC and proposed solutions on how to improve the connection between these organizations. Finally, the study looked at programs offered in other states and regions that could serve as best practices models for institutions in our region.

To supplement the BRAC preparedness and capacity report, the "BRAC Readiness Survey Report: Maryland Community Colleges; Preparing to Meet the Education and Training Demands of the Base Realignment and Closure Process," was commissioned to study the increased educational and training demands at Maryland's 16 two-year institutions resulting from the BRAC process. This study focused on five key areas associated with the BRAC transition, BRAC-related courses of study, instructional formats and schedule flexibility, articulation agreements and credit transferability, policy recommendations, and resource assessment of BRAC-related courses.

An additional analysis focused on the role Maryland's military installations play in the overall State economy and how they contribute to the State workforce demand is being conducted in partnership with DBED and The Jacob France Institute of the University of Baltimore. This study will analyze the workforce and economic impact of the nine military installations in Maryland and a selected number of commands on each base to understand the total economic impact and to develop policies to capitalize on the opportunities BRAC presents for Maryland. DLLR intends to use the final product for advocacy and educational purposes with the ultimate goal of understanding BRAC's impact and the importance of protecting and growing Maryland's military and federal footprint.

2010 Outlook and Primary Focus

DLLR has engaged in a number of innovative and successful projects and new initiatives to develop strategies to address BRAC workforce needs in Maryland. This past fall many federal employees received their Transfer of Function notices from their military commands. As such, DLLR can begin to more accurately forecast the number of individuals moving with their jobs and identify those jobs that will need to be filled.

As we look forward to 2010 and beyond to develop the workforce pipeline, DLLR continues to progress in its strategic initiatives



Maryland Department of Labor Licensing and Regulation (continued)

designed to ensure Maryland's workers receive the relevant and skill-specific training necessary to qualify for the BRAC-related careers. Some of the programs that the Department is seeking to develop stem from the successful Workforce One Maryland projects which were completed in 2009. Eleven projects received a total of \$1.1 million to develop and train workers in various BRAC-related skills from which a number of best practices have been identified.

In an effort to provide continuity for our partners at the BRAC transferring agencies, DLLR will continue its outreach efforts in the form of the Transition/One-Stop centers in New Jersey and northern Virginia. The activity level at these centers is expected to increase as the employees at the agencies decide whether to transition with their positions. DLLR is committed to assisting these individuals with their decision-making process by providing them with the most accurate and reliable information about Maryland that is available. For those positions that transfer without an employee, the Department will continue to assist in hosting the highly successful career recruiting events throughout the State. Additionally, for those enrolled in Maryland secondary and higher education institutions, DLLR, in partnership with the MHEC, will develop an interactive database for all internship opportunities in Maryland. This will help to connect students with employers at an early stage in their career development path to assist them in developing the professional skills necessary for employment.

To fund these new and continuing initiatives, DLLR is currently seeking additional funding from a number of different sources. The Department will continue to leverage the relationships and resources that have developed as a result of the extensive outreach programs to both the public and private sectors in order to maximize our value to the citizens of Maryland. The Department recognizes that BRAC is a portion of the DoD's overall strategic plan to make efficiencies and realign its resources as the threats against our nation change. As such, DLLR is committed to providing the workforce necessary to carry out these important missions, both now and with any future movements.

Maryland State Department of Education

2009 Challenges and Accomplishments

In 2009, MSDE maintained its primary focus to ensure that Maryland students are highly educated and prepared for the thousands of high-skilled math, science, and technology dependent positions generated by BRAC. Building upon this foundation, in 2009, MSDE focused on:

- Enhancing Maryland's academic and innovative schools;
- Promoting teacher recruitment and streamlining certification to attract highly qualified teachers;
- Increasing the rigor of Career Technology Education (CTE) programs with a particular emphasis on CTE programs related to BRAC and STEM;
- Improving and expanding capacity in school buildings and classrooms;
- Expanding the number of accredited early care and education programs, especially in BRAC jurisdictions; and



Maryland State Department of Education (continued)

- Providing students information about security clearance requirements and employment qualifications.

MSDE has made significant progress towards achieving these goals. This has been demonstrated through national recognition of Maryland's public education system. In 2009, Education Week ranked Maryland schools as #1 in the country. The College Board for Advanced Placement (AP) ranked Maryland number one in AP participation and performance and *Newsweek Magazine* ranked Maryland as having the highest percentage of rigorous high schools in the country. MSDE continues to collect data that measures progress and ensures that the Department remains on target to meet the 2011 BRAC deadline.

Even in this difficult economic time, Maryland has the nation's top schools not by chance but because under the O'Malley-Brown Administration we choose to invest in our students. We have fully funded K-12, including the Geographic Cost of Education Index. The O'Malley-Brown Administration has also invested over \$1 billion in school construction. These investments have yielded direct results – test scores are up across the State, in every grade and across every demographic group.

Science, Technology, Engineering, and Mathematics Programs

During these difficult economic times, it has been a challenge to protect STEM as a funding priority. While the economic downturn reduced STEM funding by about 50 percent in 2009, all 24 local school systems in the State were awarded STEM grants totaling \$900,000. To date, nearly \$7 million has been awarded to help systems plan, implement, and/or accelerate their STEM education initiatives. Although local school systems received less dedicated STEM grant funds than in previous years, MSDE is seeking to expand its current partnerships with the higher education and business communities to secure additional funds to support the annual STEM summit, which focuses on best practices in STEM education.



In August, the Governor's STEM Task Force issued its report with recommendations to advance our workforce pipeline such as tripling the number of teachers in STEM shortage areas and increasing the number of STEM college graduates by 40 percent by 2015. The Task Force, created in September 2008, was tasked with making recommendations aimed at establishing Maryland as a global leader in the development of its workforce for the future and its STEM-based research and economic development infrastructure.

To carry out its charge, the Task Force divided into three workgroups: STEM education, STEM workforce development, and translational research and economic development. Each workgroup studied and developed recommendations in its assigned area. The Task Force then came together, reaching broad consensus on the most essential steps Maryland must take, grounding its recommendations in evidence-based research reports and analysis of State data.

In addition, MSDE has continued to partner with Northrop Grumman's Electronic Systems (NGES) on STEM initiatives. In June 2009, 45 teachers from 13 local school systems participated in the Teachers and Engineers for Academic Achievement (TEAACH) program. The internship program pairs STEM teachers with engineers to help teachers stay current in their knowledge and skills in the STEM fields. This partnership allows teachers to provide state of the art instruction to students who are considering engineering-

Career and Technology Education: STEM and Project Lead the Way

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related studies and careers. In addition, MSDE and NGES have established the Retirees and Engineers for Academic Achievement program (REAACH) to identify and prepare senior level and retired engineers to serve as mentors to STEM teachers and students. Currently, 17 engineers from NGES are participating in REAACH by working with Project Lead The Way pre-engineering program teachers.

In July, MSDE and Towson University hosted the Teacher Academy of Maryland (TAM) summer professional development leadership institutes. Towson is the TAM program affiliate university. More than 47 teachers participated in one or more of the three institutes. Teachers teaching TAM represent a growing number of disciplines including: math, science, computer science, business education, and gifted and talented education.

MSDE also partnered with Stevenson University and the University of Maryland, Baltimore County to offer teachers professional development in biomedical sciences and engineering. Teachers from 17 local school systems attended summer training in engineering and teachers from 10 school systems attended training in biomedical sciences.

In 2009, MSDE also targeted federal Perkins funds to expand BRAC-related programs through reserve fund grants to local school systems and community colleges. These funds have been used in local school systems to implement 19 pre-engineering programs, 11 biomedical science programs, 11 Cisco Academies, and five Oracle Database Academies. The Cisco Academy is a global education program that teaches students how to design, build, troubleshoot, and secure computer networks for increased access to career and economic opportunities in communities around the world. This sequence of high school and college-level courses includes access to online courses, interactive tools, and hands-on learning activities to help individuals prepare for Information Communication Technology and networking careers in virtually every type of industry. The Oracle Academy is a sequence of high school and college-level courses that enable students to develop database design, database programming, and business skills and provides participating faculty with training and professional development. By partnering with high schools, colleges and local business partners, the Oracle Academy helps students develop the technology and business skills required for 21st century careers.

Advanced Placement Program and International Baccalaureate Program Expansion

In 2009, there was a nearly eight percent increase in the number of AP test takers – this marks a 46 percent growth in test-takers over the past five years. Also in 2009, the College Board ranked Maryland #1 nationwide for AP performance and participation. In particular, MSDE has worked hard to forge partnerships in BRAC districts to support the expansion of AP teacher training in these areas. For example, in an effort to increase AP offerings in schools with few to no AP classes, Baltimore City participates in a College Board AP expansion program. The goal of the program is to add three to four AP offerings by the end of the 2009–2010 school year. In addition, AP teachers have attended extensive professional development programs and students have participated in AP support programs.

Removing the financial barrier is critical to increasing participation for low-income students seeking to participate in AP exams, to increase access, MSDE submits annual grant requests to the U.S. Department of Education for funds to pay for AP exams as well as the International Baccalaureate (IB) exams for low-income students. This past year, a \$7,984 grant made it possible for MSDE to waive exam fees for low-income students beginning in May of 2009.

There are 31 IB schools in BRAC impacted local school systems. Founded in 1968, the IB works with more than 2,519 schools in 132 countries to offer and develop its three challenging programs to more than 684,000 students ranging in ages three to 19. The IB encourages students to be active learners, well-rounded individuals and engaged world citizens. It also serves in an educational advisory capacity to other educational organizations.

Charter Schools

MSDE's goal is to support and expand charter schools throughout the State by awarding grants from \$18 million in federal funding. Since the passage of Maryland's charter school law six years ago, 42 (41 of which are located in BRAC impacted

Maryland State Department of Education (continued)

counties) public charter schools have opened in six local school systems. An additional nine schools received the charter school program sub-grant in 2009 and another two charter schools were approved and are scheduled to open in 2010-2011.

MSDE's federal grant charter school application outlines a strong focus on developing high quality charter schools. Some of the program highlights include:

- Development of the Model Performance Contract with an accompanying toolkit;
- Delivery of the first Principal's Institute; and
- Implementation of the charter school evaluation program.

MSDE is working strategically and diligently on the development and expansion of charter schools in Maryland.

Teacher Recruitment and Streamlined Certification Programs

Maryland's alternative preparation programs are tailored to meet the staffing needs of Maryland school districts, while providing the convenience necessary to attract experienced, diverse individuals to the classroom. The Maryland Approved Alternative Preparation Program (MAAPP) is made up of partnerships between 11 local school systems, four four-year institutions of higher education, three two-year colleges, two private providers including "The New Teacher Project" and "Teach for America." MAAPP follows a similar process and meets the same content and pedagogical standards to achieve State program approval as non-alternative undergraduate and graduate teacher education programs. This process is used for alternative pathways in Maryland, and closely mirrors that conducted with traditional programs.

During the past year, MSDE and its MAAPP successfully implemented a pilot peer-reviewed State program approval visits for three of its 20 approved standards-driven programs. Partnerships between Baltimore County Public Schools and Goucher College; Montgomery County Public Schools and Montgomery College; and Prince George's County Public Schools and The New Teacher Project are examples of programs which have successfully completed the peer-review. A 2009 report by the Department, in association with the National Association of State Directors of Teacher Education and Certification and ICF-Macro, indicates that the mobility of teacher licensure for all certified teachers, including military and ex-military personnel and their spouses, has been enhanced in states that employ a state-level program approval process as described above.

In 2009, 580 MAAPPs teachers entered Maryland's public school system in 11 local school systems. Of these, 95 percent were rated as effective as traditionally-educated teachers. While the number of teachers participating in MAAPPs decreased during the past year, largely due to declining need, MSDE and its MAAPP partners continue to actively target teachers for the STEM, special education, and English for speakers of other languages fields.

The challenging economy has put significant pressure on MAAPP partnerships to maintain the supervision and mentoring requirements of the program; however, most MAAPPs have been able to continue to do so and 15 of the 20 approved programs will continue to recruit new candidates for 2010. All programs have elected to remain viable with intentions to recruit again in 2011. All programs are scheduled for program review by 2012. MSDE estimates that at least 400 teachers will enter the profession in 2010 through alternative pathways.

School Building and Classroom Expansion

In the spring of 2008, the Interagency Committee on School Construction (IAC) approved a funding mechanism allowing Maryland to reimburse local school systems for projects that increase school capacity if those projects are related to BRAC-induced population changes. In 2009, the IAC approved two additional policies that enhance the State's responsiveness to BRAC

Maryland State Department of Education (continued)

changes. The first allows local education agencies (LEAs) to submit BRAC-related projects after the final deadline of the Capital Improvement Program requests (as set by the IAC every year for the end of November/beginning of December). While no local education agency has exercised this option to date, it provides flexibility for those LEAs most impacted by BRAC. The second policy provides one additional scoring point to BRAC-related projects within the quantifiable portion of the procedure used by the IAC to guide its recommendations for planning approvals.

In Fiscal Year 2008, school construction funding was \$401.3 million — up 25 percent over Fiscal Year 2007. However, in Fiscal Year 2009, school construction funding was \$340 million which represents approximately a 15 percent decrease from Fiscal Year 2008. Similarly, funding decreased in Fiscal Year 2010 to \$266.7 million which represents a reduction of 12 percent compared to Fiscal Year 2009.

Security Clearance, Employment Qualifications and Children of Military Personnel

In 2009, MSDE along with “CyberWATCH” and the Educational Technology Policy, Research, and Outreach (ETPRO) co-sponsored an all day seminar for counselors, administrators, and STEM coordinators. The conference brought together business leaders from information assurance, information management, information security, digital forensics, and engineering to speak about career opportunities in their fields. Participants also discussed the academic preparation necessary to compete for these positions, and the level of security clearance that must be attained in order to be hired.

In addition, MSDE’s character education program continued to provide BRAC information about security clearances to the Ethics Speakers’ Bureau whose participants discuss ethical issues with high school students across the State. Several character education newsletters, titled Character Matters, containing pertinent information about security clearances can be found on the MSDE Web site. Similarly, MSDE shared Project Security Clearance Overview and Preparation Education (SCOPE) materials with all assistant superintendents of curriculum and instruction across the State. Project SCOPE was developed by the Fort George G. Meade Alliance in cooperation with the Anne Arundel County Community College to ensure that students have the necessary information to illustrate the need for security clearances in many BRAC-related careers.

Early Childhood Education

Across all 10 BRAC receiving jurisdictions in Maryland, public pre-K programs grew by a total of five percent over 2008 levels. The greatest increases were seen in Montgomery County (+34 percent) and Baltimore City (+16 percent). Overall, BRAC jurisdictions contain 82 percent of all school-based pre-K programs in Maryland. In addition, the BRAC jurisdictions account for 83 percent of total statewide licensed child care capacity. In particular, Montgomery and Prince George’s counties account for 69,715 child care slots, which is nearly one-third of the total statewide licensed capacity.

Early childhood capacity-building and the expansion of program quality initiatives in BRAC jurisdictions, as well as the rest of Maryland, have been seriously affected by the general economic downturn. Fewer programs are able to meet the costs of service expansion or to pursue accreditation. Across all BRAC jurisdictions, growth in child care capacity during 2009 has been generally flat, with the total number of licensed child care slots increasing by just one percent. However, as of September 2009, the total number of accredited early care and education programs, which include school-based pre-K, Head Start/Early Head Start,



Maryland State Department of Education (continued)

center-based care and family child care, across all BRAC jurisdictions grew by approximately three percent over the 2008 levels. Substantial growth in accredited programs occurred in Anne Arundel, Carroll, Cecil, and Prince George's counties.

With funding from the Division of Early Childhood Development, the Maryland Committee for Children (MCC) provided enhanced child care resource and referral services to military families in BRAC jurisdictions seeking off-base licensed child care. In addition, MCC provided information about accessing the military child care fee assistance program. To date in 2009, MCC has assisted 590 military families, an increase of 77 percent over 2008. Over 75 percent of these families are associated with the BRAC affected installations.

Special Education

In 2009, the Division of Special Education Early Intervention Services reissued \$100,000 in grant funds to support planning activities in BRAC districts. As part of this initiative, the Division awarded grants of \$15,000 each to Cecil County Public Schools (CCPS) and Harford County Public Schools (HCPS). Working collaboratively, CCPS and HCPS will:

- Develop brochures and DVDs highlighting resources available to BRAC parents who will be relocating to Maryland;
- Create and distribute a Needs Assessment/Survey to Fort Monmouth Stakeholders; and
- Post the outcomes on their Web sites.

Because it is hard to predict how many students with disabilities will be moving to Maryland and in which local school systems they will reside, the BRAC Coordinator is in constant contact with the school liaison officers and Exceptional Family Member Program to ensure that the State is doing everything it can to ease the transition of these students and help parents find workable solutions. In addition, MSDE has implemented training and networking opportunities for school liaison officers, Exceptional Family Member Program coordinators and others including:

- A statewide family support meeting and a train the trainer event, "Positive Solutions for Families Addressing Challenging Behaviors;"
- A training event for School Liaison Officers and Exceptional Family Member Program Coordinators: "IDEA Today;" and
- Networking meetings for school liaison officers and other military personnel involved with BRAC and special education.

Outreach and Communication

MSDE's BRAC Web page (www.MarylandPublicSchools.org/BRAC) provides information on security clearances, services for students with disabilities, school system contact information, and links to the State's and other BRAC Web sites. In 2009, MSDE added a welcome letter from the Superintendent of Schools Dr. Nancy Grasmick and links to additional BRAC-related resources and information for counselors, administrators, and parents of children and siblings of deployed military personnel.

MSDE staff actively promoted the #1 national rankings of Maryland public education system through the development and distribution of brochures outlining the achievements. These materials were specifically created for use in BRAC jurisdictions as well as for BRAC outreach events.

MSDE staff continued to visit and provide guidance at several of the Maryland's STEM schools, as well as CTE programs throughout the State. The Department provided materials on Maryland's educational programs and services, early childhood development and child care, special education, teacher certification, testing, and accountability were distributed at fairs hosted by

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Fort George G. Meade, Fort Monmouth, DISA as well as Fort Monmouth's Transition/One-Stop Career centers.

2010 Outlook and Primary Focus

MSDE has applied for a federal grant to develop an elementary STEM certification program which would prepare elementary teachers with deeper content in STEM subjects, framed in an inquiry-based learning approach. If funded, the grant would significantly enhance the existing professional development at the elementary level. In addition, MSDE would offer additional endorsements to certified elementary teachers, including military spouses or other family members who may have elementary certification in another State. The grant proposal includes the New Teacher Project, which provides an alternative provider for new STEM certifications and expands the potential for BRAC affected family members to pursue teaching opportunities in Maryland. In tandem to MSDE's efforts, the University of Maryland, Baltimore County was recently approved to offer a Technology Education Teacher Preparation program for students who begin in the engineering degree program but ultimately decide to become teachers. The program will help fill critical teacher shortages that impact STEM education.

MSDE is orchestrating two train-the-trainer workshops for local school systems to be delivered by the Military Child Education Coalition. The 24 local school systems will be invited to send a five person team to a two-day training focused on meeting the needs of the military child. The training is free with the requirement that each team train their local professionals on the needs of military children.

The Division of Special Education will continue its work with the Division of Instruction to ensure that special education teachers are participating in STEM professional development. Staff will also work with the Division of Certification and Accreditation to approve alternative preparation programs for special education instructors that provide dual certification in general and special education.

The Division of Early Childhood Development will continue its efforts to support and expand quality early childcare and educational programs in BRAC areas. The Department anticipates that, as more military families relocate to Maryland and face housing and education decisions, outreach efforts will be targeted to these families' specific needs.

Maryland Higher Education Commission

2009 Challenges and Accomplishments

Northeastern Maryland Higher Education Summit

In October 2009, MHEC assisted Lieutenant Governor Brown in hosting the Northeastern Maryland Higher Education Summit. The goal of the summit was to examine the higher education needs in the northeast region of the State by bringing together the relevant stakeholders to discuss the issues and potential solutions to meet the current and future higher educational workforce needs in the region. Most notably, the northeastern region of the State is without a four-year institution of higher education. Currently, Cecil College, Harford Community College and the Higher Education and Applied Technology (HEAT) Center provide higher education in the region. With nearly 9,000 BRAC jobs coming to the area over the next two years, it is important for the State to be ready to meet the workforce needs of the defense contractors moving to the APG area.

The number of BRAC-related families moving into Maryland has been estimated as much as 25,000. Currently, the defense contractors and their employees are primarily in need of advanced degree offerings; however, Maryland must work to ensure that the pipeline to higher education and the human capital necessary to fill these BRAC jobs continues for years to come. To accomplish this goal, there must be greater coordination among our local, public and private partners to ensure that Maryland's workforce is adequately prepared for these positions. The State needs a comprehensive plan to meet the immediate, short term

Maryland Higher Education Commission (continued)

needs of the area and also address long term needs in an effective and efficient manner.

The summit attendees, which included over 20 leaders from the higher education community, the military and contractor community, as well as governmental representatives, discussed possible short and long term solutions to meet the projected need for higher education in the area. A wide array of possible solutions were examined for short and long-term and undergraduate and graduate needs. In 2010, MHEC will focus on compiling the results and creating a plan of action for the higher education needs of northeastern Maryland.

Competitive Grant Program of the BRAC Higher Education Investment Fund, Round 1

MHEC continued to monitor the 16 BRAC Higher Education grants that were awarded in 2009. The grants funded various higher education programs implemented to meet the needs of BRAC personnel. Midterm reports gathered by MHEC indicate that all projects were on time and within budget. Projects were completed by December 31. The grants covered a wide range of topics, such as computer skills certification, enhancements to graduate programs, and online development of a Master of Science program in information assurance. This first round of grants produced approximately 1,200 participants in direct workforce development programs.

Competitive Grant Program of the BRAC Higher Education Investment Fund, Round 2

In 2010, MHEC will allocate nearly \$865,000 in Higher Education Investment Funds to support programs designed to address BRAC-related workforce needs. A total of 22 responses were received and 12 awards were announced on December 15. The emphasis of the 2010 program, as indicated by the awardees below, is on grants that meet identified workforce needs, such as administrative and lab support personnel. Grants range in size from \$44,000 to \$93,000.

2010 BRAC Higher Education Fund Recipients

1. Washington College – Geospatial Technology Training for the Current and Future BRAC Workforce
2. Capitol College – Cyber Battle Laboratory
3. Howard Community College – Improving Net Sec Enrollment Through Adult Learner Focus and Remote Access to Real World Lab Exercises
4. Hagerstown Community College – InnovaBio-MD: An Innovative Partnership between Hagerstown Community College and Fort Detrick Research Agencies
5. Cecil Community College – Office Specialist Diploma for the Emerging BRAC Workforce
6. Cecil Community College – Engineering Technology Software Skills Certifications for the BRAC Workforce
7. Loyola University of Maryland – A Computer Science Boot Camp for Career Change



Maryland Higher Education Commission (continued)

8. Morgan University – Online Electrical Engineering Program
9. Towson University – Development of an Online Post-Baccalaureate Certificate Program in Technical Writing and Information Design
10. Anne Arundel Community College – Meeting BRAC Educational Needs with Training in Mobile Device Forensics
11. UMBC – Establishment of a Center for Cybersecurity Training
12. Baltimore City Community College – Cisco Certification Training and Security Specialist Training



BRAC Internship Web Site

MHEC collaborated with colleges and universities throughout the State as well as military commands, defense contractors and other private sector employers who brought to light the need for a pipeline of new employees with both technical education as well as security clearances. Internships with military commands and/or defense contractors that support military missions allow college juniors and seniors to work for the employment entity while in school. In turn the employer would sponsor the student for a security clearance so that the security clearance process can proceed while the student finishes his/her degree. Upon graduation, the student will not only have the desired technical degree but a security clearance that will enable the student to begin employment right away. Utilizing its connections to the business community in Maryland, MHEC partnered with DBED to research what it would take to create a BRAC Internship Web site to connect Maryland college students with employers who can sponsor interns for security clearances while in school. MHEC issued an RFP to develop the BRAC Internship Web site which will be launched in 2010.

MHEC completed its analysis of higher education needs in the Fort George G. Meade, Fort Detrick, and the APG areas. The study entitled, “Maryland’s Regional Higher Education Centers,” which was published in October 2009, looked at the need for new Regional Higher Education Centers (RHECs) in the three areas. The study further analyzed the existing RHECs and made specific recommendations concerning future RHECs. Recommendations included expanding the HEAT Center to further accommodate the growing needs of the northeastern



Maryland Higher Education Commission (continued)

region of the State, and considering the creation of a new RHEC in the region surrounding Fort Detrick.

2010 Outlook and Primary Focus

In the coming year, MHEC will focus on the following activities:

- MHEC will monitor the progress of the Round 2 BRAC Higher Education Fund grants awardees throughout the year.
- MHEC will launch the BRAC Internship Web site. This will require the active participation of colleges, the military, civilian contractors and governmental agencies. A primary focus at MHEC will be facilitating actions on the part of students and participating organizations to create a dynamic and effective Web site.
- MHEC will move forward with follow-up and next steps from the 2009 Northeastern Maryland Higher Education Summit. The goal is to work with institutions of higher education in Maryland to ensure that the State can meet the higher education needs of the region and defense contractors moving to the APG as a result of BRAC.

Department of Business and Economic Development

2009 Challenges and Accomplishments

In 2009, DBED advanced activities and outreach in support of incoming DoD agencies, defense contractors and BRAC-related residents while expanding opportunities for Maryland businesses. Recognizing the need to support Maryland businesses, especially small businesses, during the current economic downturn, DBED undertook a strategic realignment at the end of Fiscal Year 2009. The realignment was intended to streamline operations, focus efforts on resources, activities and endeavors and creatively leverage resources, ideas and networks beyond the Department. This action positions DBED to provide greater value to the incoming DoD missions, contracting community and Maryland businesses.

Major activities performed by the Department include the establishment of a Federal Facilities Advisory Board to serve as the primary point of contact for the relationship with in-state federal facilities, many of which are related to BRAC impacted DoD agencies. DBED's Office of Military and Federal Affairs (OMFA) in partnership with DLLR also managed the preparation of a statewide Economic Impact Study (EIS) of Maryland Military Installations to demonstrate the importance of the Installations to the State's overall economy. These activities were in addition to:

- Continued tracking BRAC timelines and program progress;
- Identification and management of funding sources;
- Workforce retention and readiness initiatives;
- Marketing and outreach;
- Community redevelopment; and
- Business and development location assistance.

The EIS study examined three areas of interest. First, the study examined 2008 military and civilian employment, including direct federal employees, contract employees and retirees. Second, the study examined procurement activity including facility

Department of Business and Economic Development (continued)

maintenance, operations, equipment and supplies to support military operations in the State. Third, where appropriate, the study evaluated traffic activity at installation gates. A conservative estimate predicts that the aggregate fiscal impact to the State's economy is \$18 billion each year. The study anticipates an even greater impact for 2009.

Federal Timelines and Potential Issues

There are less than 24 months until the completion of the federally mandated BRAC implementation. In the months ahead, tracking of the DoD Agency movements, which are fully dependent upon the availability of federal resources, is more critical than ever. One of Maryland's key challenges is to remain engaged in the timelines and be aware of potential federal and local issues to ensure that necessary preparations are in place for each installation. As with other BRAC Subcabinet agencies, DBED participated in BRACSTAT to keep the State on course by tracking major BRAC-related projects as part of the BRACSTAT tracking system. To date, 60 DISA positions have relocated to Fort George G. Meade and 1,700 team C4ISR positions at APG.

This year DBED focused on the second phase of major BRAC construction projects located on military installations. On April 8, 2009, the Defense Media Activity (DMA) broke ground on a 178,000 square-foot building and 6,000 square-foot satellite and production vehicle storage building as well as a facility at Fort George G. Meade. The \$63.3 million facility will be occupied by 652 employees. The second groundbreaking at Fort George G. Meade was the co-location of 10 Defense and Military Department Adjudication Activities. This \$31.9 million, 151,590 square-foot project will house 760 personnel. These projects join the 1 million square-foot DISA complex all on schedule for completion in 2011 or sooner. Recognizing the immediate need to support the mission in Maryland, DISA began personnel movements in November by leasing space which will house 300 employees within the Fort George G. Meade community.

Several projects broke ground at APG in 2009. On September 3, the Army Research Laboratory (ARL) broke ground on the \$14.7 million Vehicle Technology Directorate (VTD). The ARL-VTD will be relocating to APG from the National Aeronautics and Space Administration (NASA) centers in Langley, Virginia and Glenn, Ohio. Army Test and Evaluation Command (ATEC) broke ground on a new headquarters facility. The \$49.5 million, 142,500 square-foot facility will support approximately 600 ATEC and U.S. Army Evaluation Center employees. Just days after the ATEC ceremony, the U.S. Army Medical Research Institute of Chemical Defense broke ground on September 15, to construct its new replacement facility in the Edgewood area of APG. The new 526,000-square-foot facility will consolidate numerous dispersed structures into a single modern, energy efficient building with a central utility plant. These \$229.3 million research laboratories and training facilities will be able to accommodate 395 employees.

On September 23, APG hosted a steel signing ceremony for all Army team C4ISR Phase 2 projects. Phase 2 C4ISR contract awards include a \$102 million contract for Command Control/Communication Network Transport (C2/CNT) East awarded April 21, and a \$20.7 million contract for Consolidated North awarded August 27, 2009. The Joint Program Executive Office for Chemical and Biological Defense (JPEO-CBD) broke ground on October 28, for a new headquarters facility which is being relocated from Falls Church, Virginia to the Edgewood area of APG. The \$22 million contract was awarded February 27. A JPEO-CBD advance team is scheduled to arrive in Maryland in 2010.

Joint Base Andrews experienced a significant name change on October 22. The new name further reflects the intention of the 2005 BRAC action to consolidate and maximize joint utilization of defense resources and reallocation of military personnel from underutilized infrastructure thus representing significant savings to U.S. taxpayers. As part of the joint basing, the Air Force District of Washington held a groundbreaking ceremony on July 13 for a five story 380,000 square-foot facility that will include two courtrooms to support the Air Force Board of Appeals and the 316th Wing Legal Office. The \$130 million facility will serve as the National Capital Region Relocation Administration Facility. This facility joins the four-story \$52 million Air National Guard Readiness Center under construction to meet the September 2011 deadline.

The future Walter Reed National Military Medical Center (WRNMC) in Bethesda began the second phase of construction projects this year. The \$180 million project will include new enlisted quarters that will have a dining area and administrative

Department of Business and Economic Development (continued)

spaces to support wounded warriors and their families. This project will also include a new administrative building, fitness center, and supporting parking garage. The second phase is projected for completion in August 2011.

In August, the Fort Detrick community held a groundbreaking ceremony to celebrate the commencement of Phase 1 for the U.S. Army Medical Research Institute of Infectious Diseases (USAMRIID) replacement facility at Fort Detrick. The new USAMRIID replacement facility will serve as the centerpiece to the National Interagency Biodefense Campus (NIBC). With interagency collaboration from DoD, U.S. departments of Homeland Security, Agriculture, Health, and Human Services, the NIBC serves as a center of scientific excellence on public health. This new facility at Fort Detrick will provide for the decompression of existing functions and staff on the installation. Phase 1 construction will include the primary replacement building and Phase 2 will involve the site and demolition of current USAMRIID infrastructure. The existing USAMRIID Buildings 1425, 1412 and 1408, will remain intact during and after the completion of the Phase 1 contract. The over \$510 million contract for 865,000 square-foot Phase 1 project was awarded in March 2009.

DBED continued to increase partnerships among communities, private sector, State and federal agencies and DoD that are critical for the successful completion of BRAC actions. As in 2008, DBED enhanced this role by supporting the Maryland Military Installation Council (MMIC), and collaborating with:

- Maryland Congressional Delegation;
- Chesapeake Science and Security Corridor;
- Fort George G. Meade Regional Growth Management Committee;
- Montgomery County BRAC Implementation Committee;
- Prince George's County Military Expansion/BRAC Task Force; and
- Regional organizations to include the Frederick County delegation and Military Alliances.

During 2009, the OMFA successfully secured \$1.287 million in OEA funds for ongoing projects and nine staff who support the work of the BRAC Subcabinet and the statewide BRAC Action Plan.

Workforce Retention and Readiness

Retention of workforce during the BRAC process is essential to retaining the institutional knowledge and intelligence support the DoD mission. Despite the DoD goal of 50 percent, historically only 20 to 30 percent of employees at BRAC impacted defense organizations relocate with the mission. However, given the national economic recession, current projections reflect that the DoD goal of 50 percent retention will be met in 2011.

To help meet the DoD goals and promote Maryland, DBED supported DLLR in advertising and marketing job fairs associated with the Fort George G. Meade and APG regions. The Department also participated in a C4ISR Joint Symposium in September which drew 2,300 participants and a Fort Monmouth Relocation Fair drawing 1,100 participants. Individuals attending both job fairs were seeking information on relocating to Maryland including, spousal employment opportunities, housing, education and other geographical information. In June, a similar event was held in northern Virginia that welcomed 500 participants. DBED participated in an October event for DISA and provided information about Maryland to 600 employees. As needed, DBED provided information to partners coordinating local bus tours for out-of-state employees and presentation materials for out-of-state employees.

DBED also assisted in the development of a BRAC Internship Web site to link institutions of higher education, students, and

Department of Business and Economic Development (continued)

other job seekers to BRAC employment opportunities.

Marketing, Outreach and Media

DBED supported the multi-year BRAC communications strategy encompassing marketing, outreach, and media relations. The communications strategy was designed to reach a variety of audiences, including:

- Federal agencies and private sector employers moving to Maryland;
- Employees of relocating agencies and businesses;
- Maryland residents seeking BRAC-related employment opportunities; and
- Commercial developers, investors and businesses exploring opportunities generated by BRAC.

In 2009, DBED designed, produced, and maintained a BRAC news Web site (www.brac.maryland.gov). The Department also produced and distributed electronic updates targeting BRAC affected commands and other tools to disseminate pertinent information on business, employment, education, housing, and cultural and recreational opportunities in Maryland. DBED also participated and coordinated the involvement of State agencies in outreach efforts including “town hall” meetings of incoming agencies and defense contractors, employee picnics and other employer-sponsored events, meetings with senior leadership and military garrison commanders, and public presentations to organizations, communities, businesses, and others interested in BRAC opportunities and updates.

Community Redevelopment and Investment

During the 2008 Legislative Session, the General Assembly passed the BRAC Community Enhancement Act (Senate Bill 206) to enhance Maryland’s preparations for BRAC. The BRAC Community Enhancement Act included language authorizing the creation of BRAC Zones and is designed to assist local jurisdictions with infrastructure challenges for BRAC-related projects.

*Lieutenant Governor Brown
and local officials at Howard
County BRAC zone Tour on
May 28, 2009.*



Department of Business and Economic Development (continued)

By statute, DBED administers the program. Subsequent to the adoption of Senate Bill 206, DBED, in conjunction with local jurisdictions, identified an amendment to the legislation which provides greater financial benefit to jurisdictions with designated BRAC Zones to meet the increasing need to fund local infrastructure projects.

In 2009, DBED was instrumental in coordinating and managing House Bill 1429, the amendment to the BRAC Community Enhancement Act, introduced in 2009 and signed into law by Governor O'Malley on May 19. As adopted, the bill delays the start of the 10-year designation of a BRAC Zone until the first property becomes a qualified property. The amendment also altered notification dates SDAT regarding qualified properties and the date that SDAT will calculate the payment to the local jurisdictions. These amendments will allow as much time as possible for qualified properties to be completed resulting in a maximized benefit to the jurisdictions. The bill also requires the Secretary of DBED to notify county delegations upon receipt of a BRAC Zone application. DBED managed all applications including tours of the proposed zones, multi-agency review and coordination with local jurisdictions.

On June 15, Lieutenant Governor Brown announced the designation of two BRAC Zones. The City of Aberdeen and Howard County join the first round of designees – cities of Baltimore, Frederick and Laurel and the counties of Anne Arundel and Prince George's who all received designations in 2008. Funds collected from the increased tax assessment of eligible development projects within the 2009 designated BRAC Zones will assist in supporting a parking structure, transportation improvements and water and sewer line replacements.

Business Assistance

In addition to realigning the Department to better serve the business community, DBED updated the Maryland Business Resource Guide. This Guide provides current information to businesses seeking contract opportunities with federal agencies and installations. It is an outstanding resource for businesses – regardless of size or type – that are looking to tap into the federal marketplace and to understand the processes of military installations and federal agencies.

DBED established the Office of Small Business and the Small Business Task Force as part of the Department's realignment. The Task Force will serve as the Governor's advisory board on small business issues and provide recommendations on how to improve State services and resources to help Maryland's small businesses operate more efficiently and effectively and may include issues related to BRAC impacted businesses. In 2009, the Small Business Development Center with funding from DBED conducted two BRAC-related outreach events reaching close to 200 participants.

2010 Outlook and Primary Focus

As the 2011 BRAC movement date nears, DBED will continue to focus on the facilitation and partnerships with military installations, businesses and local partners to continue the smooth BRAC transition and to support installations. The Department will promote the significant impact the installations have on the State's economy and will continue to review and assist in the mitigation of encroachment challenges at installations.

DBED will continue support all of our federal partners to reach workforce retention and recruitment goals. The Department will support DLLR to seek creative ways to fill positions by Marylanders and others, open additional kiosks at the DMA centers, identify best practices to educate and prepare Marylanders for new opportunities and promote the benefits of the State to undecided federal and contractor employees. DBED will also work with in-state private sector BRAC-related companies with expansion needs. To that end, the Department will prepare marketing materials highlighting the benefits of a Maryland location for out-of-state defense contractors to supplement the marketing and outreach plan and continue to work in support with local partners to assist businesses seeking Maryland business locations and contracting opportunities.

Governor's Office of Minority Affairs

2009 Challenges and Accomplishments

In 2009, GOMA expanded the number and depth of outreach efforts to assist small and minority firms to meet and connect with defense contractors and federal offices that are involved with BRAC. GOMA was also instrumental in expanding the pool of federal contracting opportunities for Maryland small, minority, and women-owned businesses.

While GOMA has been successful in assisting small, minority and women-owned firms, the challenge has been to connect Maryland businesses with large established defense contractors who are moving their operations to the State. To accomplish this task, GOMA has taken on a leadership role towards creating teaming and partnering relationships with small and minority firms, which will increase their chances of bidding successfully on available opportunities.

Accomplishments

Project Participation

In 2009, federal contracts were awarded to six information technology-related firms whose services range from computer relocation and installation, computer supplies, and computer services.

In addition, Hensel Phelps Construction Company, the general contractor for the DISA project at Fort George G. Meade, has exceeded their Minority Business Enterprise (MBE) participation amount of \$26.5 million – the company has currently spent \$80 million in MBE. At APG, the general contractor, Tompkins Turner Grunley Kinsey, has awarded more than \$47 million to small businesses.

Business Assistance

GOMA provided BRAC-related assistance to over 300 small, minority, and women-owned firms throughout the year, and provided information to organizations and chamber groups to better educate the minority business community about BRAC. For example, GOMA:

- Conducted one-on-one meetings with potential BRAC firms; and
- Participated in workshops and panels in Baltimore City, Montgomery and Prince George's counties, Southern Maryland, and Salisbury.

Efforts to assist Maryland's small, minority, and women-owned firms in making BRAC contracting connections received a significant boost from the 34-member BRAC Small and Minority Business Advisory Board that has made this its primary mission. The Advisory Board was created in 2008 to assist in the identification and dissemination of information, and to form partnerships through mentoring to increase opportunities for successful contract awards. Led by Chairman John Huggins, a retired U.S. Air Force Officer and CEO of Technology Alliance, the BRAC Small and Minority Business Advisory Board has been very active during Fiscal Year 2009.

In 2009, the Advisory Board's activities included:

- Facilitating the formation of several teaming groups who have bid on various DOD and BRAC-related contracts;
- Convening numerous meetings with base contracting officers and defense contractors to introduce minority firms for project consideration; and

Governor's Office of Minority Affairs (continued)

- Providing testimony and briefings for local chambers, Congressional and State legislative committees on the issues facing minority firms relative to large-scale federal military contracting.

The Advisory Board is credited, along with GOMA, for achieving an estimated \$200 million dollars in total BRAC-related contracting awards to small, minority, and women-owned firms in 2009.

GOMA has also developed a partnership with the Howard County Economic Development Authority's Government Contracting Institute and participates in their quarterly BRAC workshop series. In addition, GOMA has compiled a list of approximately 500 Maryland firms that have shown an interest in participating in BRAC opportunities.

In an effort to better inform our core constituencies about BRAC opportunities, GOMA has expanded its existing Web site to include a comprehensive BRAC Web page. The Web page contains information about BRAC small and minority business initiatives, as well as resources, contact information, and links to other BRAC-related sites for additional information on the overall BRAC effort.

GOMA's BRAC Web page – www.mdminoritybusiness.com/BRAC4.html.

Outreach and Events

During 2009 GOMA participated in numerous events and outreach activities to assist small and minority firms to connect with BRAC prime contractors and federal procurement officials. In March, GOMA partnered with the Lieutenant Governor and members of the Maryland Congressional Delegation to host a federal procurement opportunities fair at Bowie State University. This event was attended by over 350 small, minority, and women-owned firms who were provided an opportunity to meet with approximately 17 federal procurement officers.

Also in March, GOMA assisted Delegate Herman Taylor with the "MBE Night in Annapolis" event. The event was a great success attracting more than 700 attendees. At the event, GOMA met with several MBE firms to discuss BRAC opportunities.

*The Lieutenant Governor, BRAC
Subcabinet Executive Director
Asuntha Chiang-Smith, and
Congresswoman Donna Edwards
at the Minority Business Enterprise
Conference on March 20, 2009.*



Governor's Office of Minority Affairs (continued)

GOMA also developed a working relationship with Booz Allen Hamilton and presented several small and minority firms for private match-making sessions at the Booz Allen facility in Edgewater, Maryland. As a result, a participating IT firm has been included in a \$16.4 billion contract.

Major General Dennis Via, former Base Commander for Fort Monmouth, New Jersey gave a presentation to small and minority businesses at the Largo Town Center Community Center in Prince George's County. The General addressed the impending move to Maryland and identified areas of BRAC-related business opportunities for small, minority, and women-owned firms. This GOMA sponsored event drew over 125 attendees.

As a result of the efforts of the BRAC Small and Minority Business Advisory Board, GOMA was invited to participate in an International forum sponsored by the U.S. Agency for International Development to learn about construction activities abroad.

2010 Outlook and Primary Focus

In 2010 GOMA will:

- Partner with RESI of Towson University to create a "tracking mechanism" to determine the extent of minority participation of the BRAC federal projects;
- Continue to monitor through BRACSTAT MBE participation on BRAC projects;
- Continue collaboration efforts with GOMA's current partners, DBED, and the Small Business Development Center, as well as the alliance organizations; and
- Expand efforts to include new partners such as Howard County's BRAC Business Initiative.

Maryland Department of the Environment

2009 Challenges and Accomplishments

Second Northeast Water Summit

On August 14, MDE assisted Lieutenant Governor Brown in hosting the successful follow-up meeting to the 2008 Northeast Water Summit. The summit's major outcome was an intergovernmental Memorandum of Understanding signed by the participants including the Lieutenant Governor, Harford and Cecil counties, all of the major northeastern municipalities, and Baltimore City. The agreement affirms State and local government commitment to developing a regional solution to the water supply challenges facing the region through and beyond the federally mandated 2011 BRAC implementation timeline.

Completion of BRAC Grant-Funded Water and Wastewater Studies

MDE also successfully concluded work on all federally funded BRAC work activities with the cooperation of its selected contractors. This noteworthy effort spanned two years and resulted in the expenditure of \$1.8 million in federal funds, the majority of which were directed at advancing the State's technical knowledge of water supply facilities that play a critical role in serving the drinking water needs of BRAC impacted jurisdictions. The outcome is a better and more scientifically informed way to coordinate MDE's review and approval of local usage requests. A portion of the funds were also used to analyze water and wastewater treatment capacity limitations and financing alternatives, targeting the northeastern part of the State where the challenges have been deemed the greatest. This effort provided important technical input to the Northeast Water Summit.

Maryland Department of the Environment (continued)

A listing of MDE's completed OEA funded studies are detailed in the Appendix.

Regulatory Assistance

Permitting and compliance assistance were provided to Maryland's military installations, defense developers, and defense "host" communities throughout the year. Given 2009 changes in certain requirements, MDE worked closely with the Army, Air Force and Navy and their various project developers in order to ensure that they secured the environmental permits and related approvals necessary to advance their efforts in conjunction with federal Enhanced Use Leases (EULs) as well as other critically needed on-base development projects. As a result of this intensive effort, project sponsors were able to meet fall 2009 construction startup dates.

Water Supply and Wastewater Infrastructure Investment: Federal Stimulus, BRACSTAT, and Minority Business Enterprise Opportunities

Approximately \$19.2 million of the total \$4.1 billion federal American Recovery and Reinvestment Act funds received by Maryland were earmarked for five wastewater projects within BRAC impacted areas. These funds, intended for use by Baltimore City, Baltimore and Frederick counties, the City of Aberdeen, and the Town of Rising Sun, were merged with other MDE investments already being tracked under the Subcabinet's BRACSTAT program. The accompanying map illustrates the location of six newly completed, as well as 25 ongoing major drinking water and wastewater infrastructure projects in Maryland's BRAC impacted jurisdictions.

Throughout 2009, MDE reported quarterly progress on all projects under the State's BRACSTAT program. MDE participated in two dedications for major upgrades to drinking water treatment plants for the Towns of Perryville and Northeast. These two projects illustrate how MDE's investment is supporting the BRAC effort in the APG region. MDE is currently investing in other APG region projects as well as in the Fort George G. Meade, Fort Detrick, and Joint Base Andrews regions. The Bethesda region is currently well-served by the Washington Suburban Sanitary Commission.

In addition, the agency inaugurated the use of revised financial forms as an aid to obtaining local data on the extent to which legally required local government outreach to minority business enterprises is having a positive effect. MDE began to use the data from these forms to track monthly minority business enterprise activity associated with all projects in which the agency has



*The Lieutenant Governor
and local officials at the
Perryville treatment plant
ribbon cutting on May 26,
2009.*

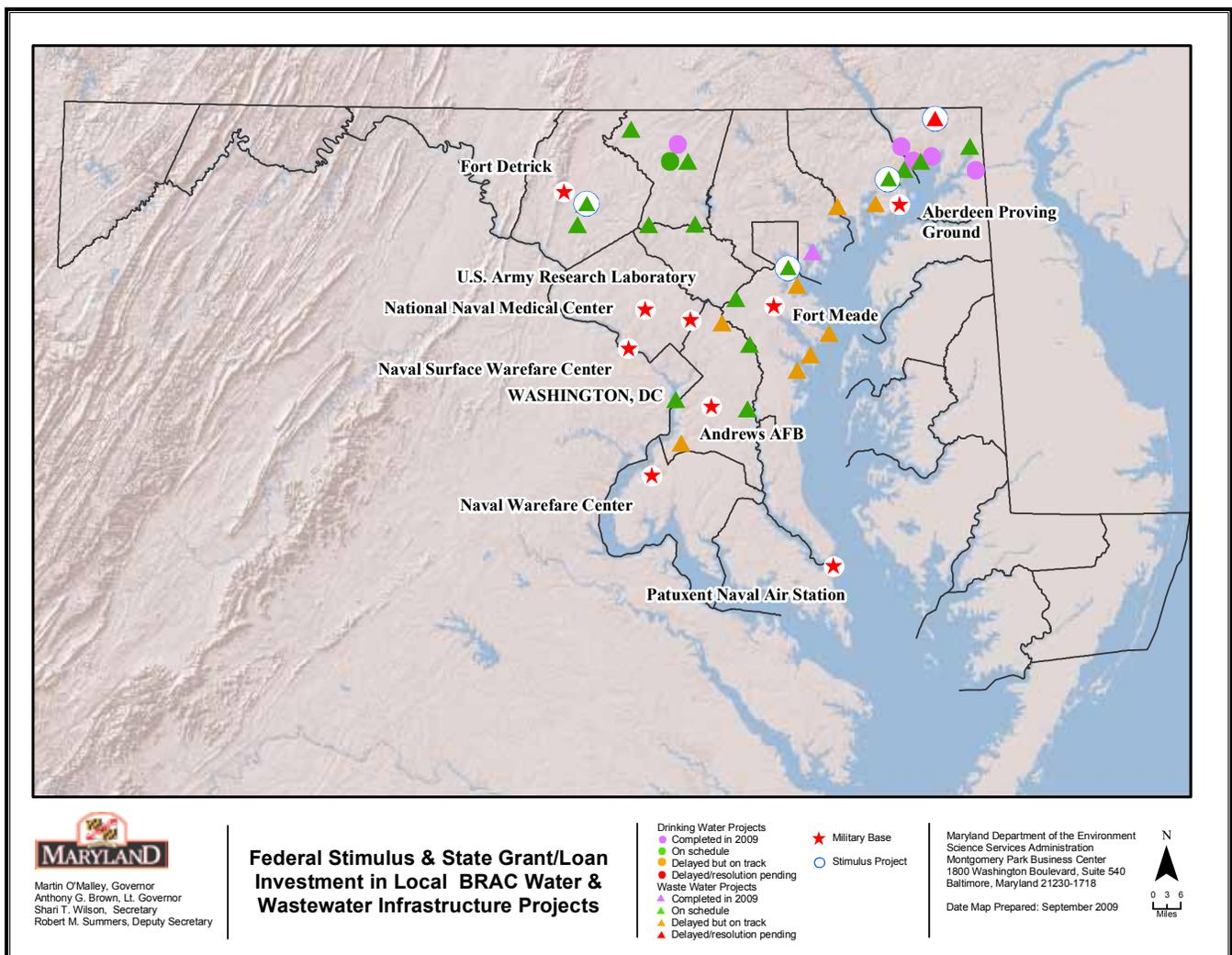
Maryland Department of the Environment (continued)

invested. The agency also significantly increased its MBE outreach by participating in 20 local pre-bid meetings compared to only four in the previous year.

BRAC Application Review

MDE completed environmental review of two local BRAC zone applications, recommending approval to DBED. These included BRAC Zones at the Savage Mill Center in Howard County and the City of Aberdeen, respectively.

Other MDE 2009 activities included State clearinghouse reviews of BRAC and EUL-related projects; review of State BRAC-related legislation; and participation in all BRAC Subcabinet and MMIC meetings and, when appropriate, in Subcabinet outreach efforts.



Maryland Department of the Environment (continued)

Federal Timelines and Potential Issues

Ensuring that northeast Maryland has adequate water supply through and beyond 2011 remains an interstate, State and local challenge. The State's water summit process has laid a strong foundation for follow-on work by State and local parties to the signed agreement. Detailed plans and agreements will emerge as specific engineering and financing solutions meet the challenge. MDE remains ready to commit time and effort to fulfill its regulatory obligations in support of the regional undertaking. In order for the regional approach to be effective, favorable action by the interstate Susquehanna River Basin Commission (SRBC) will be needed because the SRBC exercises permitting authority over water withdrawal that has potential cross-border impacts within a broad hydrologic region spanning portions of New York, Pennsylvania and Maryland. In Maryland's portion of the larger hydrologic region, adequate supply continues to be a challenge due to a growing population, competing agricultural demands, and drought-related water appropriation limits.

An ongoing challenge for MDE is reviewing applications for numerous required State environmental permits and approvals sought by the Army and its development partners in keeping with federal timelines. The Department's workload remains especially challenging given State budget constraints but every effort continues to be made to complete reviews within State established turnaround times. Of critical importance is Army and federal contractor cooperation in the effort to ensure that application submissions are complete and fully address Maryland-specific requirements.

During 2009, the agency dealt with a significant challenge due to third-party adjudication of its general permit for stormwater resulting from construction activity. MDE worked diligently with the Army and its development partners to get through the adjudicatory period and through the regulatory changes that ultimately resulted. Applicant use of MDE's stormwater plan approval "expediter" process was an important contributor to achieving 2009 permit and approval milestones enabling BRAC work to remain on, and in some cases, ahead of schedule.

In the fall of 2009, MDE provided installation environmental personnel with information pertaining to the identification of known high-quality (Tier II) waters within their respective "host" jurisdictions. This outreach also included updated information on known water quality impairments and associated "total maximum daily loads" (TMDLs) where these have been developed by MDE. The agency is poised to assist the Army and its partners in determining whether or not anticipated projects will require an additional level of regulatory review for Tier II or whether TMDLs are likely to result in the imposition of more stringent discharge permit requirements.

Intensified federal effort led by President Obama resulted in a 2009 federal executive order requiring the DoD as well as other federal entities to step up involvement in Chesapeake Bay protection and restoration efforts. This order ushered in a new process with explicit, two-year milestones that must be met. As a result, the DoD and MDE have begun interacting in a renewed Chesapeake Bay partnership effort that will extend into 2010 and beyond.

2010 Outlook and Primary Focus

MDE is committed to:

- Supporting continued local efforts toward a northeast regional water supply solution;
- Applying continued diligence in processing all necessary environmental permits and approvals for BRAC-related projects, working in partnership with the Army and its development partners;
- Helping local jurisdictions secure new sources of water and wastewater infrastructure funding and keeping on track the agency's existing investments in local projects that are critical for supporting BRAC growth;
- Continuing to provide quarterly project and monthly MBE updates to BRACSTAT; and

Maryland Department of the Environment (continued)

- Reviewing required environmental elements of new BRAC zone applications, working closely with DBED.

APPENDIX

OEA Funded Studies

CONTRACT A (Coastal Plain Aquifer Study)

- *Development and Structure of the Interim Maryland BRAC Water-Use Database (An Administrative Report)** prepared for the Maryland Department of the Environment by U.S. Geological Survey-Maryland, Delaware, and District of Columbia Water Science Center, Baltimore, MD and New Hampshire Water Science Center, Pembroke, NH, October, 2009
- *Incorporation of Water-Use Summaries into the StreamStats Web Application for Maryland** prepared for the Maryland Department of the Environment by Kernell G. Ries III, Marilee A. Horn, Mark R. Nardi and Steven Tessler of the U.S. Geological Survey -Maryland, Delaware, and District of Columbia Water Science Center, Baltimore, MD, October 2009
- *Hydrogeologic Data for the Coastal Plain Sediments Northwest of Fort George G. Meade, Maryland* prepared for the Maryland Department of the Environment by Andrew W. Staley, Stephen C. Bell, David C. Andreasen, and David W. Bolton of the Maryland Geological Survey, October 2009
- *Summary of Hydrologic Monitoring for Water Supply Issues in Areas Affected by Base Realignment and Closure (BRAC) (An Administrative Report)** prepared for the Maryland Department of the Environment by U.S. Geological Survey-Maryland, Delaware, and District of Columbia Water Science Center, Baltimore, MD, in preparation

* These 3 reports satisfy requirements under Contract B as well.

- *Simulation of Groundwater Flow in the Coastal Plain of Central Maryland Using MODFLOW-2005 with Local Grid Refinement* prepared for the Maryland Department of the Environment by Jeffrey P. Raffensperger of the U.S. Geological Survey-Maryland, Delaware, and District of Columbia Water Science Center, Baltimore, MD, in preparation

CONTRACT B (Piedmont Aquifer Study)

- *Development and Structure of the Interim Maryland BRAC Water-Use Database (An Administrative Report)* prepared for the Maryland Department of the Environment by U.S. Geological Survey-Maryland, Delaware, and District of Columbia Water Science Center, Baltimore, MD and New Hampshire Water Science Center, Pembroke, NH, October, 2009
- *Incorporation of Water-Use Summaries into the StreamStats Web Application for Maryland* prepared for the Maryland Department of the Environment by Kernell G. Ries III, Marilee A. Horn, Mark R. Nardi and Steven Tessler of the U.S. Geological Survey - Maryland, Delaware, and District of Columbia Water Science Center, Baltimore, MD, October 2009
- *Estimation of Selected Streamflow Statistic for a Network of Low-Flow Partial-Record Stations in Areas Affected By Base Realignment and Closure (BRAC) in Maryland* prepared for the Maryland Department of the Environment by Kernell G. Ries III and Ken Eng of the U.S. Geological Survey-Maryland, Delaware, and District of Columbia Water Science Center, Baltimore, MD, October 2009

Maryland Department of the Environment (continued)

- *Summary of Hydrologic Monitoring for Water Supply Issues in Areas Affected by Base Realignment and Closure (BRAC)(An Administrative Report)* prepared for the Maryland Department of the Environment by U.S. Geological Survey-Maryland, Delaware, and District of Columbia Water Science Center, Baltimore, MD, in preparation

CONTRACT C (APG Region Water and Wastewater Capacity Assessment)

- *Engineering Technology Assessment of Water and Wastewater Treatment Systems in the APG Region*, prepared for Maryland Department of the Environment by EBA Engineering Inc., February 2009 (Contract "C").

CONTRACT D (APG Region Water and Wastewater Capacity Assessment Independent Review and Potential Financing Strategies)

- *Base Realignment and Closure Comments on EBA Engineering Technology Assessment of Water and Wastewater Treatment Systems in the APG Region*, prepared for Maryland Department of the Environment by Maryland Center for Environmental Training, June 2009
- *Financing Strategies for Water and Wastewater Treatment Systems*, prepared for Maryland Department of the Environment by Maryland Center for Environmental Training, June 2009

Maryland Department of Planning

2009 Challenges and Accomplishments

In 2009, MDP built upon existing technical assistance and outreach efforts to ensure that local governments were addressing potential growth-related impacts of BRAC. MDP's primary BRAC-related support included hands-on technical assistance as well as assessing the feasibility of further studying the concept of incorporating Smart Growth principles in the BRAC school construction priority evaluation process. MDP has been proactive by working with local governments to address growth-related concerns. The Department has increased its efforts to address BRAC issues within local land use plans, zoning efforts and Educational Facilities Master Plans by offering constructive comments early in the process and meeting with local governments on a regular basis. MDP has worked with BRAC impacted jurisdictions in an effort to improve the review process between the State and the County for land use plans. For instance, in working with Prince George's County, this effort has resulted in a more streamlined review process and allows the Department to provide supportive information in a more efficient manner.

Assess Feasibility of Incorporating Smart Growth Principles in School Construction Priority Evaluation Process

A Priority Funding Area (PFA) is a State designation for existing communities and places where local governments direct State investment to support future growth. In collaboration with the IAC, the Department completed a geographic analysis of recent school construction items in the State Capital Improvement Projects (CIP) located within a PFA. These school construction PFA designees must be within a 10 mile radius of a BRAC installation and/or 20-minute travel time to a BRAC installation. The geographic analysis is now being used in the prioritization of BRAC-related public school construction projects and will allow both MDP and the Public School Construction Committee databases to flag BRAC-related school projects. This prioritization will greatly improve the coordination of both agencies in the efforts to address BRAC-related school impacts.

A top priority and consideration, as well as a constant factor during review, is the equitable distribution of CIP funding throughout the State and fulfillment of Maryland's commitments to provide equal educational opportunities across the State.

Maryland Department of Planning (continued)

Maryland agencies and the local education agencies (LEAs) are committed to effectively analyzing BRAC-related enrollment increments and to phase enrollment and capacity needs over several years in order to meet projected school needs brought on by BRAC.

In 2010, MDP will move forward with the development of a study to evaluate BRAC-related enrollment projections associated with projected household increases resulting from BRAC relocations in Maryland. Revised projections that incorporate BRAC household growth will assist in making micro-funding decisions for additional school capacity. The study is expected to begin in February 2010 and end prior to December 2010.

Develop BRAC Data Information Packages

In 2009, the Department also developed data information packages to assist jurisdictions in updating their local government partners. Each jurisdiction was given information relevant to its individual BRAC needs. In addition, each jurisdiction was provided with basic information including data analysis on housing sales, building permit information, most recent direct and indirect BRAC jobs, and household distribution information.

As local BRAC impacted jurisdictions prepare to update their comprehensive plans, MDP will continue to meet with staff to determine how the State can best support these efforts. In 2009, MDP provided such guidance and information to Anne Arundel County, the cities of Aberdeen, Annapolis, and Frederick. Each jurisdiction is either currently updating its comprehensive land use plans or has updated the plans this past year to, in part, address BRAC-related growth in the Fort George G. Meade area.

Develop Metrics to Track Performance of State Agency BRAC Initiatives

MDP developed several BRAC metrics that are now used as part of the Department's BRACSTAT participation. The majority of MDP's assistance was conducted through hands-on technical planning assistance outreach. As such, the key metrics included in MDP's BRACSTAT data continued to be building permit information, housing sales, zoning changes, and school population projections.

Building permit information is typically not difficult to provide. However, separating the permits by location inside and outside of the county PFAs has been a complicated task that the Department continued to address in 2009. MDP made significant progress in that the Department was able to provide building permit information for both inside and outside of PFAs for eight out of the 10 BRAC impacted jurisdictions. Upon evaluation of MDP's BRACSTAT data, it is apparent that key BRAC trends such as housing sales and building permits seem to be consistent with the national economic recovery in that both have seen increases in the fall of 2009.

Provide Flexible "Mixed-use" Zoning Tools that Would Promote Redevelopment of Areas in Need of Revitalization

As part of its outreach effort, the Department continued to assist local governments in evaluating potential BRAC Zones and developing land use policies that support Smart Growth principles. MDP worked with several jurisdictions this past year on establishing BRAC Zones including the submissions for Howard County station and the City of Aberdeen. On June 15, Lieutenant Governor Brown announced the designation of two BRAC Zones. In 2009, the City of Aberdeen and Howard County joined the first round of designees – cities of Baltimore, Frederick, and Laurel and the counties of Anne Arundel and Prince George's who received designations in 2008. While no BRAC Zone applications were received for the October 15 deadline, MDP met with local governments in St. Mary's and Cecil counties to discuss the merits of the BRAC Zones.

Provide Technical Assistance in Updating Baltimore City's Zoning Code

This past year MDP developed a Memorandum of Understanding with the City of Baltimore to share land use, zoning and other

Maryland Department of Planning (continued)

data layers in support of the City's BRAC and Smart Growth efforts. Data layers such as updated zoning and land use changes are significant in that they allow MDP to utilize performance growth to develop analysis in support of BRAC-related projects. The analysis that MDP can provide will help local governments in understanding the maximum number of residential units an area can absorb and will assist in determining the appropriate mixed of uses that a project can provide.

MDP continued to assist Baltimore City with its zoning ordinance update and reviewed and commented on these proposed changes. In addition, the Department has been involved in meetings in support of the City's efforts.

Transit Oriented Development

Transit Oriented Development (TOD) increases transit ridership by encouraging the development of compact, walkable neighborhoods around transit stations. It also offers residents a convenient commute to jobs, shopping and entertainment in the region. TODs play an instrumental role in development of a number of BRAC Zones that have already been designated around gaining military installations. In 2009, as a member of the State's Interagency Steering Committee for Managing for Results, MDP assisted in the development of a central Maryland TOD strategy. Specifically, the Department provided TOD planning data and a growth potential analysis for the proposed MTA Redline Light Rail Stations in Baltimore County. In addition, MDP reviewed and commented on:

- Assessment of the existing TOD conditions/trends/issues, future TOD challenges and opportunities;
- Identification of priority locations for TOD planning and investment; and
- Identification of TOD tools, strategies and recommendations.



Maryland Department of Planning (continued))

The Steering Committee includes State and local planning, transportation, housing, and economic development agencies and Baltimore area non-profit advocates.

In Fiscal Year 2009, MDP Management Information System staff, in collaboration with MDOT and other MDP staff developed the first version of an interactive TOD Web tool. The Web tool displays various TOD data for more than 100 existing transit station areas. MDP staff inventoried and consolidated related TOD data and created 12 TOD data charts for each station area.

During the 2009 Legislative Session, MDP along with MDOT supported House Bill 300 and Senate Bill 274 which provided additional TOD financing tools to the State and local governments. The support of the two departments was vital in the passage of these important bills.

Through the participation in major transit studies such as the proposed Baltimore Light Rail Redline, the Washington METRO Purple Line, and the I-270/US 15 Multi-Modal Corridor studies, MDP advocated for local TOD land use planning and developments as part of the transit studies. In addition, MDP provided various TOD technical and policy data to support the development of strong land use criteria packages for obtaining Federal Transit Administration funding.

Outreach

In 2009, MDP continued to focus its outreach efforts on providing hands-on technical planning assistance. MDP met regularly with BRAC jurisdictions to discuss a variety of planning and technical assistance issues. The Department also continued to provide a variety of research and technical assistance in planning, zoning and growth management tools.

2010 Outlook and Primary Focus

- MDP's primary focus through 2010 will continue to be hands-on technical planning assistance. MDP will continue to meet with local jurisdictions and BRAC impacted communities to address growth related issues including funding for key BRAC-related projects;
- The Department will also continue to work with local governments and regional planning organizations to develop a mechanism to provide building permit information in a consistent manner for all BRAC impacted jurisdictions;
- It is the intent of this agency to partner with the IAC to perform a study on the BRAC impacts on local boards of education school enrollment. The study is being funded by a federal grant from the OEA;
- MDP will continue to foster and facilitate partnerships with military installations and support local jurisdictions and the military installations in future BRAC actions;
- MDP will continue to provide technical assistance through its outreach efforts including promoting TODs and other Smart Growth actions in support of BRAC. While some of MDP's efforts will need to be supported by grant funding, the focus will also include evaluating specific areas where the potential for revitalization through BRAC growth can occur; and
- As the State's lead agency for Census-related matters, MDP will continue to ensure that all BRAC jurisdictions' population information is accurately reflected in the 2010 Census. This work is ongoing and will continue through Census 2010.

Department of Housing and Community Development

2009 Challenges and Accomplishments

Housing is a critical part of Maryland's BRAC preparation efforts with more than 25,000 households expected to locate primarily in eight central Maryland counties as a result of the BRAC-related jobs coming to Maryland. Of these households, almost half (11,762) are expected to be of low- or moderate-income (earning less than \$75,000).

In 2009, DHCD continued BRAC preparation and investment activities in preparation for the planned movement of the thousands of households and jobs to Maryland. Efforts continued to focus on the outreach and marketing of DHCD programs to relocating personnel as well as the alignment of programs and activities to support projects in BRAC impacted jurisdictions. All of DHCD's actions are in support of its BRAC mission which is to work and coordinate with our federal, State, local, and private partners to:

- Expand affordable and workforce housing opportunities;
- Strengthen neighborhoods to attract new investment and BRAC-related growth; and
- Enhance the availability of information about Maryland's housing market and the resources that are available for homeowners and renters.

Economic challenges dominated the housing and community development agenda in 2009, punctuated by the nation's continued struggle with foreclosures. Maryland has not been immune to this trend as thousands of local homeowners lost their homes. In addition, the struggling financial markets held back private investment thus limiting commercial and residential lending. These trends impacted DHCD's ability to invest in affordable rental housing as well as secure favorable lending terms to support the Maryland Mortgage Program (MMP). Businesses participating in small business lending programs and community revitalization projects led by non-profit organizations also experienced difficulty in securing additional financing and support to move projects forward.

In the face of these challenges, the Department was fortunate this year to secure federal and non-profit funding resources to help in the nation's recovery. Through the American Recovery and Reinvestment Act, DHCD received more than \$190 million to support a range of programs including \$111 million for affordable rental housing activities in Maryland. In addition, in February 2009, the MacArthur Foundation awarded the State of Maryland \$4.5 million to support the preservation of affordable rental housing in BRAC impacted jurisdictions.

As construction and relocation activities increased on BRAC gaining military installations in Maryland, DHCD worked on a range of fronts to achieve its BRAC mission. Activities included:

- Working with impacted counties to identify priority BRAC projects and activities;
- Securing additional resources to support housing and community development activities throughout Maryland;
- Investing in housing and community development projects in BRAC impacted jurisdictions;
- Maintaining staff support and coordination efforts through a BRAC coordinator and outreach personnel;
- Facilitating outreach and marketing of DHCD programs and BRAC activities to relocating households, local governments, developers, and property owners; and
- Collaborating with sister agencies and the BRAC Subcabinet to align activities.

Department of Housing and Community Development (continued)

Despite the struggling economy, relocation of federal jobs from the military installations in New Jersey, Virginia, and other areas remain on schedule. DHCD continues to work in pace with these moves to prepare for the growth and development BRAC will bring to Maryland.

Enhancing Information

Efforts to understand the potential impact and programmatic needs associated with BRAC growth continued in 2009 building on earlier work. Much effort has been taken to gauge the potential housing demand associated with BRAC households. In 2006, MDP completed a study that found that 25,312 households are projected to locate in central Maryland. Of these households, 4,573 are expected to be of low income (less than \$30,000 per year); 7,189 are anticipated to be of middle income (\$30,001 to \$75,000); and 13,549 households are expected of high income (greater than \$75,000 per year).

Similarly, DHCD evaluated the potential impact on housing related programs. On the rental side, an estimated 3,893 BRAC-induced households are projected to meet Low Income Housing Tax Credit income limits at 50 percent of area median income. Homeownership estimates are more difficult to assess because of the eligibility requirements of the MMP which is geared to assist first-time homebuyers, veterans and individuals who move to targeted areas. The Department estimates that 700 households may be eligible for the program.

The analysis of BRAC's impact on Maryland jurisdictions continued in 2009 through the work of Sage Policy Group, Inc. and a study oversight panel that included representatives of State and local governments including a representative of DHCD. The consulting firm completed a report funded by the OEA examining the supply and demand of housing in relation to the Fort George G. Meade BRAC relocation activities. The report found that more than 16,000 jobs are expected to relocate to Fort George G. Meade because of 2005 BRAC relocation activities at the installation. Looking specifically at housing supply in the City of Laurel, Anne Arundel and Howard counties, the report found that the job growth will create an excess of demand for housing in those jurisdictions. Housing needs will be most acute for households earning less than \$75,000. The report provides a range of recommendations to help address these challenges. They include:

- Expanding the availability of sites;
- Changing land use policies;
- Implementing new funding strategies; and
- Empowering residents.

Within these areas, specific policies and programs were recommended such as permitting greater density, implementing inclusionary zoning, and creating a housing trust fund.

Outreach

DHCD also has been working to market its programs to relocating households and BRAC impacted communities. Outreach is a critical component of ongoing efforts so that relocating households as well as local communities and businesses are aware of DHCD resources. Since September of 2007, DHCD staff has participated in 19 relocation tours and events to market DHCD programs to relocating households. It is estimated that more than 6,500 participants attended these events. Meetings, presentations, and dialogue with local government representatives, community members, developers, realtors, and other stakeholders has been ongoing.

Expand Affordable and Workforce Housing Opportunities

DHCD has employed several key tools to increase the supply of affordable and workforce housing opportunities including the MMP and rental housing programs. These programs help boost and maintain the supply of affordable rental housing and provide

Department of Housing and Community Development (continued)

households access to homeownership through downpayment assistance and safe and affordable mortgages. While the economy and financial markets limited housing investment activities, in Fiscal Year 2009 DHCD was able to help finance 1,775 new or rehabilitated rental housing units and 993 mortgages in BRAC-related jurisdictions. Total DHCD housing investment in 2008 and 2009 in BRAC jurisdictions has reached over \$1.2 billion dollars.

FY 2008 - 2009 DHCD Housing Activities in BRAC Jurisdictions

Program Activity	Housing Opportunities*	Investment**
	Total	Total
Maryland Mortgage Program Loans	3,333	\$ 733,678,514
Multifamily Projects	3,977	\$ 501,886,717
Total	7,310	\$1,235,565,231

* Includes total single family mortgages and the number of multifamily units/beds.

**Includes downpayment assistance, mortgage loans, and total multifamily project costs.

The MMP is DHCD's flagship program and is an important homeownership tool for households that are relocating to the State. Targeting first-time homebuyers and veterans, the program provides a range of downpayment assistance options and access to safe mortgage products. As part of its BRAC activities, DHCD has been working to expand participation in the MMP downpayment assistance matching programs such as House Keys for Employees, Smart Keys for Employees, the Builder/Developer Incentive Program, and the Community Partners Incentives Program. Through these programs, DHCD matches contributions that employers or community organizations make towards an employee's or resident's home purchase if they use an MMP loan. The similar Builder/Developer Incentive Program is available for developers who provide downpayment assistance to new homebuyers. Together these homeownership resources are important tools that the Department will continue to provide and market to assist relocating BRAC households.

DHCD's rental housing activities received a significant boost in 2009 by the award of federal and foundation related resources. In February 2009, the John D. and Catherine T. MacArthur Foundation awarded the State of Maryland \$4.5 million to help preserve rental housing in BRAC impacted counties. The project is part of the MacArthur Foundation's \$32.5 million investment in a national initiative to preserve more than 70,000 affordable rental homes in 12 states and cities. Maryland's award includes \$500,000 in grant funds and \$4 million in a program related investment provided as a low interest loan to the Department. The grant funds will support an affordable housing market study, "green" grants to fund energy audits and training, education/ outreach, as well as the development of the loan materials and standards to facilitate the lending activities. Loan funds will be matched in part by the State and local governments. Overall, State, local, private, and philanthropic funds are expected to leverage approximately \$432 million in short-term acquisition financing and approximately \$823 million of long-term financing to help to preserve approximately 9,000 units over the 10-year period.

In addition to the MacArthur Foundation funds, DHCD was allocated \$32 million of Tax Credit Assistance Program (TCAP) funds through the American Recovery and Reinvestment Act (ARRA). Additionally, DHCD has made use of the Section 1602 Tax Credit Exchange provision in ARRA to return Low Income Housing Tax Credits to the U.S. Treasury in exchange for cash assistance to support affordable rental housing developments. DHCD has exchanged tax credits for total cash assistance of \$79

Department of Housing and Community Development (continued)

million. The resources were allocated to support affordable rental housing projects funded by the Federal Low Income Housing Tax Credit. As of October 2009, 14 projects representing 1,417 units have been allocated ARRA resources in BRAC jurisdictions and will help leverage \$212 million in total project investment. Projects are expected to begin construction throughout Fiscal Year 2010.

Strengthen Neighborhoods

BRAC growth and development presents a key opportunity for Maryland to connect new investment to communities that are seeking revitalization. DHCD employs a range of key programs that help support local business growth and redevelopment projects including Neighborhood BusinessWorks (NBW) and the Community Legacy Program. Both programs are targeted to key areas identified by local communities for investment including areas designated by the new BRAC Zones Program. Due to the broad fiscal challenges the State of Maryland is facing, both programs have experienced budget cuts but still continued to provide resources to help local projects move forward. The Department has made BRAC a special theme for the Community Legacy Program since Fiscal Year 2008. Since that time, 70 awards have been made to local projects totaling \$7.3 million dollars.

Revitalization projects can serve to directly or indirectly support BRAC growth and development. A recent direct project includes Washington Court located just outside APG. The site of vacant and derelict military housing, DHCD aligned several resources to clear and prepare the site for a future mixed income housing development including Community Legacy funds and a \$1.5 million grant provided by the Federal Neighborhood Stabilization Program.

Fiscal Year 2008 & Fiscal Year 2009 Community Legacy Awards in BRAC Jurisdictions

	Annual Reporting Period		
	Awards	Amount of Grants	Amount Leveraged
Acquisition/Rehab Housing Programs/Projects	18	\$3,070,000	\$13,695,500
Commercial Improvement Projects	4	\$347,500	\$128,810
Demolition Projects	2	\$425,000	\$2,302,000
Economic Development Projects	4	\$255,000	\$140,000
Facade Projects	5	\$413,500	\$291,500
Homeownership Projects	1	\$155,000	\$2,725,000
Infrastructure Projects	8	\$755,000	\$1,671,000
Mixed-use Projects	4	\$375,000	\$3,688,040
Operational Support Projects	8	\$279,000	\$397,500
Planning Support Projects	8	\$201,000	\$35,196
Recreational Projects	1	\$30,000	—
Residential Projects	1	\$100,000	—
Revolving Loan Funds	5	\$875,000	\$285,990
Social Services Projects	1	\$100,000	\$318,000
Total	70	\$7,381,000	\$25,678,536

Department of Housing and Community Development (continued)

Revitalization projects can also indirectly support BRAC by providing new housing, retail, or office capacity and absorb growth that may be driven in areas adjoining military installations where employees may choose to live. Based on MDP studies, it is predicted that many BRAC employees will move to the Baltimore area. To illustrate, in 2009, DHCD helped partner with the redevelopment of Miller's Court, completed in the Charles Village neighborhood of Baltimore City. Aided by a \$700,000 NBW loan, the former vacant Miller Tin Can and Box Factory will now house 40 affordable loft-style apartments targeted towards new teachers in the Baltimore City School System and 35,000 square-feet of office space targeted for non-profit organizations working in and with the public school system.

2010 Outlook and Primary Focus

Challenges stemming from the downturn in the economy will continue to impact DHCD's ability to finance housing and community revitalization projects. Aided by federal and philanthropic funding in concert with State resources, the Department will continue to move forward with investments that enhance growth capacity in BRAC-related jurisdictions. Outreach to relocating households and BRAC-related business will continue to be an area of focus for DHCD as we work to create safe and sustainable housing opportunities while improving local communities. In addition, during 2010, the Department will aggressively pursue MacArthur Foundation Rental Preservation Initiative grants to preserve affordable housing in BRAC affected jurisdictions.

Maryland Department of Transportation

2009 Challenges and Accomplishments

In 2009, MDOT advanced a wide range of projects and initiatives that will collectively serve to help meet the State's BRAC transportation needs. Contributions to the effort were made by each of MDOT's modal agencies, which include: Maryland Transit (MTA); State Highway (SHA); Motor Vehicle (MVA); Port (MPA); and Aviation (MAA) Administrations, and the Maryland Transportation Authority (MdTA). Together, working with local, State and federal partners, MDOT has endeavored to develop economically and environmentally sustainable projects that are grounded in the principles of Smart Growth, while fully integrating with ongoing long-term strategic investments.

The primary challenge faced by MDOT in 2009 was the continued economic downturn, which limited funding available for capital projects throughout the State and compelled MDOT to defer in excess of \$2 billion in capital programming for the next six-years. In spite of these deferments, MDOT has preserved funding for BRAC-related projects, ensuring that design and engineering work will continue, and projects can move toward construction as we enter 2010. As it has to date, MDOT will continue to work with local, State, and federal stakeholders to identify and secure funding for construction costs, as well as further refine priorities for implementation in the near-term.

In light of the current economic landscape, and the short timeline associated with BRAC consolidation, MDOT's "High/Low" Investment Strategy has proven a valuable guideline in identifying projects that will work to meet BRAC needs in the short-term, as well as larger scale projects that will serve BRAC as part of statewide and regional transportation goals.

Under the High/Low strategy, lower cost improvements that can be implemented quickly and provide relief in the short-term have been targeted for potential funding and substantial completion in concert with BRAC consolidation in September 2011. Short-term BRAC projects that MDOT advanced in 2009 include:

- SHA intersection improvements;
- Improved access to transit services;

Department of Housing and Community Development (continued)

- MARC Station improvements;
- Development of transportation demand management practices; and
- Coordination with the DoD on shuttles to and from transit facilities proximate to installations.

Simultaneously, MDOT has continued to move forward with “High” actions that will serve BRAC needs. These projects entail system improvements aimed at increased capacity and service, and require additional time and money to implement. Initiatives of this nature include the MARC Growth and Investment Plan, Central Maryland Transit Facility, and highway improvement projects performed by SHA at MD 175, MD 198 (in partnership with Anne Arundel County) and MD 5/Branch Avenue, as well as MdTA’s plans to add express toll lanes and perform other improvements on sections of I-95. These undertakings will ultimately provide longer and more permanent support of BRAC-related demand, while also serving broader statewide and regional transportation needs.

BRAC Intersection Improvements

In anticipation of additional vehicle trips generated as a result of BRAC, SHA performed analyses of critical intersections proximate to installations at APG, Fort George G. Meade and NNMC. These studies helped identify those intersections that would experience the most increased traffic volumes, and their associated capacity to accommodate users. As a result of the studies, an initial grouping of 16 intersections was selected to proceed with design of necessary improvements aimed at growing capacity and facilitating travel.

In 2009, similar to studies performed at APG, Fort George G. Meade and NNMC, SHA completed analysis of the road network in and around Joint Base Andrews, which will gain approximately 3,000 new jobs in connection with the BRAC consolidation. SHA has identified critical intersections within the network, and has engaged local stakeholders in proceeding with design efforts. It is hoped that design will advance markedly in 2010, depending on the availability of federal grant funding.

Throughout this past year, SHA has continued with design at aforementioned intersections at Fort George G. Meade, APG and NNMC, and engaged with local stakeholders, community members and military officials to further refine priority intersections within the grouping to advance toward implementation. In light of continuing funding challenges throughout the year, parties have also endeavored to determine tiers of project priorities for implementation based on available funding in both the short and long term. Stakeholders will continue in these efforts into 2010, and collaborate to refine project sequencing plans in accordance with available funding.

MDOT has programmed \$98 million in its 2010-2015 Draft CTP to fund top priorities identified within SHA’s programmed intersection improvements. Total build out of all 16 intersections is estimated to cost significantly more than the funds available. Design efforts will continue into 2010 on priorities and parallel a joint effort of State officials, local partners and the State’s Congressional Delegation to procure additional funding for the balance of intersections identified for improvement.

Design concepts are available for viewing on MDOT’s BRAC Web site: www.mdot.state.md.us/Planning/brac/index.html.

MARC Growth and Investment Plan

Access to transit is a key component in Maryland’s strategy to address growth statewide, including growth associated with BRAC. The MARC train service, the State’s commuter rail system, currently provides service to over 30,000 riders a day, connecting areas throughout the State - including the Fort George G. Meade and APG regions - to job centers in Baltimore and Washington, D.C. At Governor O’Malley’s direction, the MTA produced the “MARC Growth and Investment Plan” (MGIP) in 2007, an ambitious initiative to triple MARC ridership by 2035, servicing BRAC sites and central Maryland. The plan encompasses both long and

Maryland Department of Transportation (continued)

short-term projects, and has been implemented in partnership with AMTRAK and CSX, entities that own and operate the State's rail lines. MDOT has programmed \$115 million for MGIP projects in its 2010-2015 Draft CTP.

In 2009, as part of MGIP initiatives in connection with BRAC, MTA proceeded with the purchase of 13 bi-level commuter cars and 26 new locomotives that will serve to add seating capacity on the network. Additionally, the State, in partnership with Harford County, advanced parking expansion efforts at the Aberdeen MARC station. That project has transitioned from planning stages to design, and improvements will be implemented in coordination with APG in 2010. MDOT also facilitated the completion of a Multimodal Transit Center Feasibility Study at the Aberdeen MARC station this past year, which will help identify a preferred location of a future multimodal transportation hub in the city. Consistent with the *Smart, Green and Growing* legislation passed in 2009, which promotes sustainable development and increased access to transit uses, MDOT will continue to work with the local communities to refine concepts for the multimodal center, and identify means to promote TOD in the surrounding area.

Similar coordination on enhanced transit facilities continued between MTA and AMTRAK at the Edgewood MARC station, where MDOT has programmed \$5 million for improvements. It is anticipated that MTA and AMTRAK will collaborate on environmental and design issues through this year, with the goal of moving toward construction in 2010.

Proximate to the Edgewood station, MDOT and MTA are coordinating planning efforts for development of a MARC Storage and Maintenance Facility at the Edgewood Campus of APG. The project would support planned MARC growth in the region, including increased service on the Northeast Corridor of the Penn Line. MDOT and MTA continue in negotiations with APG and United States Army Corps of Engineers officials to develop parameters of the project and anticipate completing necessary environmental due diligence in 2010.

Central Maryland Transit Maintenance Facility



Maryland Department of Transportation (continued)

The Central Maryland Transit Maintenance Facility (CMTMF) project, pursued in partnership with Howard County, represents a welcome opportunity for the state to increase the efficiency of public transit operations in Howard and Anne Arundel counties and the City of Laurel by providing a publicly-owned maintenance facility, as opposed to relying on facilities provided by contractors. The project's environmental documentation was completed in 2009. Howard County is to solicit services for facility design with a planned Leadership in Environmental and Energy Design (LEED) designation of SILVER - in late 2009.

BRAC Commuter Bus

MDOT has developed concepts for additional routes to serve BRAC installations, and allocated resources where possible. In 2009, MDOT partnered with the Washington Metropolitan Area Transit Authority to study potential service adjustments in the Washington region. While routes of interest have been identified, the funding necessary for operations has not. As such, it will be difficult to procure given the current economic climate. MDOT will proceed in refining and prioritizing potential additional routes in the coming year, and work with regional stakeholders to identify possible funds for operations. To address security issues draft memorandums of agreement are currently in negotiation between MTA and officials at APG and Fort George G. Meade.

Federal Employee Shuttles

In 2009, MDOT continued efforts with local installations to explore DoD funded shuttles to and from transit facilities. It is hoped that a federal shuttle program can be finalized in 2010. MDOT will continue to work with installations to resolve issues and will seek additional federal support, as needed.

Smart Growth

As indicated previously, promoting Smart Growth practices and development centered on access to transit is a central objective for the State in its preparation for BRAC growth. MDOT is committed to increasing modal options, including bicycle and pedestrian travel, and soundly integrating the State's growing transportation network with land use planning and development. In 2009, MDOT continued to work with local communities impacted by BRAC consolidation to plan for growth in a manner consistent with local master planning, and develop projects that incorporate revitalization and streetscape improvements that promote bicycle and pedestrian travel.

Transit Oriented Development

MDOT has actively pursued TOD projects in the past year, including projects at the Laurel, Odenton, and Savage MARC stations. While the economic climate has rendered the financing component of such projects more challenging, the inherent potential of the State's redevelopment opportunities at these sites has fostered a high level of participation from the private sector. MDOT will continue to work with local communities and our development partners in the coming year to advance these important initiatives, and promote strategic investment that will help meet travel demands associated with BRAC.

Transportation Demand Management

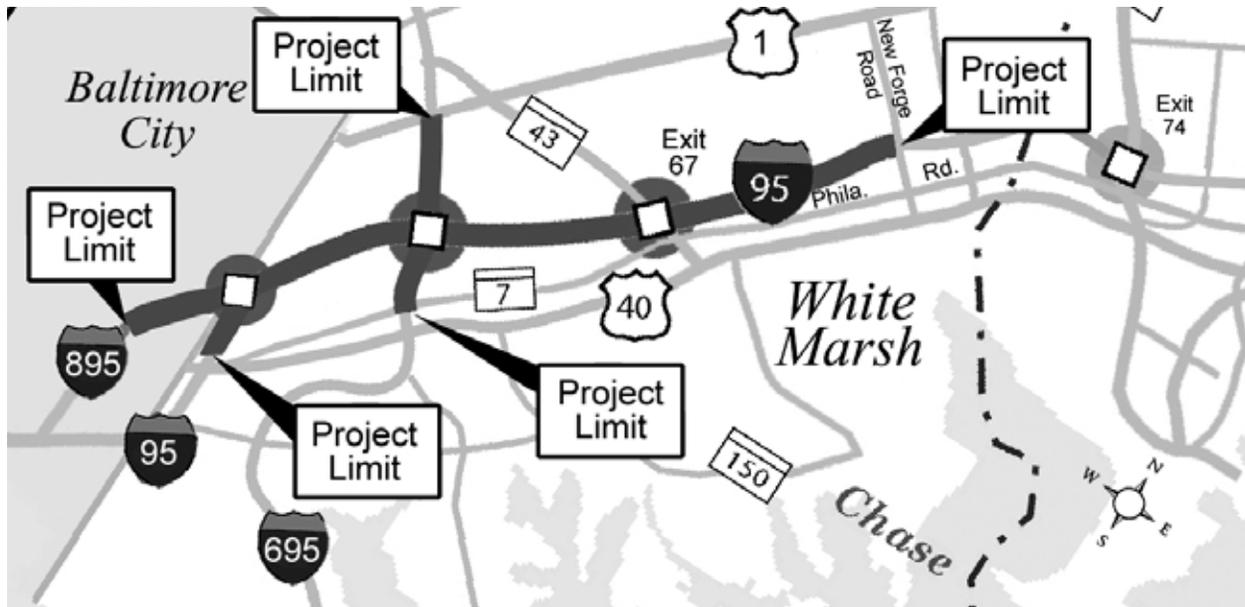
Over the course of 2009, MDOT has collaborated with installations, local communities and businesses, to develop best practices to adopt in management of transportation demand at installations impacted by BRAC. The purpose of these efforts is to increase capacity; reduce congestion; air and noise pollution; promote traffic safety; and increase bicycle and pedestrian access.

In considering Transportation Demand Management (TDM) practices to adopt, MDOT and MTA have focused on opportunities for car and van pools, ridesharing, telework and expansion of a Guaranteed Ride Home Program, among other initiatives. MDOT will continue to advance this effort next year, and work with the DoD and major installation tenants to fund

Maryland Department of Transportation (continued)

necessary programs. Given its potential to decrease Single Occupancy Vehicle trips to and from installations, and capacity for implementation in the short-term at relatively lower costs than many other initiatives, TDM is an important component of the State's overall efforts in preparation for BRAC growth.

I-95 Express Toll Lanes Project



The project, known as "JFK Section 100," is intended to ease congestion and increase safety through improvements, reconstruction of bridges, and installation of Express Toll Lanes (ETLs) along this corridor of I-95. Once completed, there will be two ETLs and four general-purpose lanes in each direction. The ETLs will feature the latest toll-collection technology, including overhead gantries that will automatically process tolls for vehicles traveling at highway speeds. Additionally, ETLs will be available to MTA bus service riders, enabling more reliable arrival times and connections. MTA is currently in construction of this project, with anticipated completion in 2016. This will better connect the family members of BRAC workers to job centers.

I-95 Section 200 Study

Improvements from Baltimore and Harford counties remain under consideration, including the APG region. MTA has completed the necessary technical reports, environmental documentation and public hearings, and is anticipated to complete planning efforts at the conclusion of 2009. At present, the project has not been funded for design, right-of-way, or construction.

I-95/MD 24 Improvement Project

Construction continued through 2009 on the interchange. At build-out, the new interchange will be grade-separated, enhancing safety, reducing congestion, and adding capacity to serve BRAC and future development in the region. The project is anticipated to complete in the winter of 2011.

US 15/Monocacy Boulevard

In late 2009, Frederick County, the City of Frederick, and SHA executed a Memorandum of Understanding to proceed with design of a proposed interchange at US 15 and Monocacy Boulevard. Design will advance in 2010, and parties will explore means to procure additional monies necessary for project implementation.

Maryland Department of Transportation (continued)

Enhanced Use Lease Projects

As part of a DoD program, military installations are enabled to lease excess property on site for commercial uses. The projects typically entail long-term leases, paid in cash or in the form of in-kind services performed on the installation. Under federal law, EULs are subject to State and local taxation but do not otherwise have to adhere to development guidelines that would otherwise apply. In light of the traffic and environmental impacts associated with these commercial projects, the O'Malley-Brown Administration enacted the BRAC Community Enhancement Act, which empowered the State and local communities to develop Payment In Lieu of Taxes (PILOT) agreements with private EUL developers. As a result, over the past year, MDOT has worked with local leaders in Harford and Frederick counties to adopt PILOTs in connection with EUL initiatives at APG and Fort Detrick. A PILOT for mixed-use development of approximately 2 million square-feet at APG was executed in 2009. Negotiations for a PILOT associated with the Central Utility Plant EUL at Fort Detrick are anticipated to conclude shortly.

2010 Outlook and Primary Focus

In the coming year, MDOT will continue to advance its "High/Low" strategy and collaborate with local stakeholders to identify and advance priority projects that will support both the BRAC actions and long-term planning objectives for impacted communities. As part of that effort, MDOT will remain steadfast in its commitment to working with stakeholders and our Congressional Delegation to explore all funding options available to support the State's program. These potential funding avenues include: the DoD's DAR program, which helps fund the military's fair share of costs associated with transportation improvements necessitated by defense actions; federal stimulus programs; surface transportation legislation; federal appropriations; and private developer contributions where appropriate.

Additionally, MDOT will endeavor to capitalize on the significant opportunity that BRAC presents to advance Smart Growth projects that will serve to increase access to transportation, revitalize streetscapes, and promote bicycle and pedestrian travel. Toward this end, MDOT and its modal agencies will continue to work closely with local communities and policymakers to advance projects that are consistent with local master plans, and reflective of collective long-term vision. These initiatives, along with strategic capital investments and the implementation of demand management practices, will position Maryland to grow its transportation network, meet the needs associated with BRAC, and provide meaningful, sustained, opportunities to its residents throughout the State.

STATE OF MARYLAND

Governor's Subcabinet on Base Realignment and Closure



Martin O'Malley, Governor
Anthony G. Brown, Lieutenant Governor

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December 16, 2009

The Honorable Anthony Brown
Lieutenant Governor of Maryland
Maryland State House
100 State Circle
Annapolis, MD 21401-1925

Dear Lieutenant Governor Brown:

On behalf of the Governor's Subcabinet on Base Realignment and Closure (BRAC), I am pleased to report that Maryland has made even greater strides in 2009 to prepare and accommodate for the anticipated influx of BRAC workers and families that have already begun to move to our State and will continue through the next two years. The vast majority of the 353 action items from the 2007 State BRAC Action Plan remain on schedule with few exceptions. In our 2009 BRAC Progress Report, we have provided a "dashboard" that updates the progress for each specific action item and labels the status of each item as (1) "green" for on time/budget, (2) "yellow" for delayed or (3) "red" for significant delays that may prevent completion by the current projected deadline. Only three items remain in red, which were identified last year as well due to the national economic downturn we continue to face. Further information on the status of these items is provided below:

- 1. Maryland State Retirement Agency (MSRA) to evaluate pension policy procedures that encourage highly qualified teacher relocation to Maryland. (Statewide – Workforce Development & Education/ Section IX, Item 2)**
 - Initial Timeframe: This item is listed as an ongoing action that would extend through 2015.
 - MSRA continues to defer action based on current budget constraints and the economic downturn. MSRA does not anticipate any movement in the pension policies that would result in Maryland taking on the financial responsibility of the pension of teachers who taught in another state and subsequently move to Maryland.
- 2. Department of Housing and Community Development (DHCD) to assess the feasibility of using the Maryland Housing Fund (MHF) to leverage private investment in a BRAC mortgage product. (Statewide – Infrastructure & Housing/ Section II, Item 6d)**
 - Initial Timeframe: This item was scheduled to begin in 2008 and terminate in 2010.

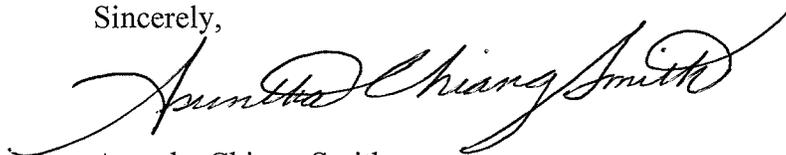
- This item remains delayed due to the current nationwide volatile and unpredictable financial market conditions, particularly surrounding the housing arena. As a result of new standards imposed by rating agencies, additional reserves are needed to support new single family business activities supported by MHF. As a result, DHCD suspended MHF in 2008 including all new insurance related to Maryland Mortgage Program purchase loan products. If the economy and budgetary conditions improve, DHCD may be able to make progress with new loan products using MHF.

3. The Governor's Office of Minority Affairs (GOMA) to track BRAC-related minority business outcomes to measure minority business BRAC success. (Statewide – Economic Development and Small Minority Business/ Section I, Item 10)

- Initial Timeframe: This item is listed as an ongoing action that would extend to 2015.
- BRAC contracting and procurement activity is largely federal/military. GOMA has been successful in developing a tracking mechanism for Maryland State procurement; however, there is no such system for the State to track federal contracting. GOMA is continuing to explore the creation of a federal contracting tracking system through outside entities. Securing funding has been the major challenge to completing this action item.

The agencies assigned to the action items above are closely monitoring and engaging in ways to generate forward movement on these action items. The BRAC Subcabinet will continue to track these and all other BRAC Action Plan items through BRACSTATS. Should you have further questions, please do not hesitate to contact me. In the coming year, the members of the BRAC Subcabinet and I look forward to continue working with you to keep BRAC on track in Maryland.

Sincerely,



Asuntha Chiang-Smith
Executive Director,
Governor's Subcabinet on Base Realignment and Closure



State Action Plan Matrix of the BRAC Subcabinet 2009 Progress Report



LEGEND		
Symbol Description	Primary (Black) *	Secondary (Grey)*
Action that extends to 2015		
Action that terminates prior to 2015		
Ongoing action beyond partial completion that extends to 2015		
Ongoing action beyond a milestone that extends to 2015		
Ongoing action beyond a milestone that terminates prior to 2015		

***Secondary action support primary objective/program.**

Dashboard Color Description	
Project is on track and ongoing at this time	
Project is off track or delayed	
Project has significant delays that may prevent completion by the projected completion date	



STATEWIDE - INFRASTRUCTURE & HOUSING											
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015			
I. Enhance Information											
1) Study supply and demand of BRAC-related housing market									DHCD	Completed	DHCD completed an internal analysis to evaluate the impact on Single Family and Multi-family programs. In addition, DHCD has been working with local partners on the Fort George G. Meade housing market study conducted by Sage Policy Group. A final report was released in the fall.
2) Develop timeline for arrival of jobs and estimates of when housing/revitalization/business assistance will be needed									DHCD, DBED	Completed	DBED developed timelines for the arrival of jobs for each military installation. Multi-family and revitalization projects were evaluated based on timing. Resource needs will be more acute for businesses and single family activities as the relocation of positions increases in 2010 and 2011.
3) Increase data and marketing of Rental Housing Locator: www.MDHousingSearch.org									DHCD	Completed	DHCD is marketing its Rental Housing Locator as part of outreach efforts. In 2009 the Department completed a mailing to more than 1,000 multifamily properties in Central Maryland encouraging them to list their properties on the rental locator. As a result the number of units and landlords participating in the program grew by more than 20 percent.
a. Work with property and landlord associations to expand listings in BRAC areas									DHCD	Completed	DHCD has worked with landlord associations to advertise the rental housing locator.
b. Incorporate into BRAC related marketing efforts									DHCD	Completed	Rental housing locator information is available at the Maryland Transition/ One-Stop Career Center in Fort Monmouth, New Jersey and in the Kiosks located at DISA in Northern Virginia. Postcards are also provided at relocation events.
4) Support Local Governments efforts to market their priority housing and neighborhood opportunities									DHCD	Completed	DHCD participated in locally organized relocation events.
a. Support LIVE Baltimore marketing efforts									DHCD	Completed	DHCD participated in "LIVE Baltimore's" April 12, 2008 "Green Light" tour of Baltimore City. DHCD announced a match of \$3,000 provided by Baltimore City to 100 households annually as part of the "LIVE Baltimore" and Baltimore City "Buy into Baltimore" tours. To be eligible for State funds, households are required to participate in the Maryland Mortgage Program.

STATEWIDE - INFRASTRUCTURE & HOUSING												
ACTION	2008	2009	2010	2011	2012	2013	2014	2015	RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS	
b. Leverage outside organizations to help promote activities (HBAM, MNCBIA, MAR, NARB)										DHCD	Green	The Secretary has met with MAR, HBAM, MNCBIA and other real estate and housing organizations to discuss BRAC
c. Incorporate local efforts in other DHCD marketing outreach										DHCD	Green	DHCD regularly helps direct households in need to available resources including local housing programs
5) Promote MMP and down payment assistance efforts to relocating personnel										DHCD	Green	Since September of 2007, DHCD participated in 17 BRAC relocation events attended by an estimated 5390 individuals.
6) Market affordable rental housing finance programs to Local Governments and housing agencies										DHCD	Green	This effort is ongoing as part of DHCD daily activities through one on one meetings, presentations, seminars, and briefings.
a. Outreach to Local Governments providing training to planning and land use officials and building permit officers										DHCD	Green	DHCD regularly promotes rental housing programs as part of ongoing meetings, trainings, and outreach to local government officials.
b. Outreach to Local Governments explaining BRAC enhancements and appropriate programmatic changes										DHCD	Green	DHCD works regularly with local government representatives to communicate BRAC enhancements and ongoing activities.
c. Leverage annual housing conference to promote programs and BRAC response										DHCD	Green	DHCD housing conferences in 2007 and 2008 featured a BRAC components and presentations on BRAC Activities. A conference was not held in 2009 because of budget concerns.
d. Outreach to real estate development professionals including land use attorneys, architects, and engineers through national professional associations such as ULI, NAA, NAHB, etc.										DHCD	Green	DHCD works regularly with real estate development professionals to inform them of programs, resources, and active initiatives including BRAC.
7) Develop a multimedia outreach campaign to communicate BRAC activities										DHCD	Green	DHCD has created a BRAC Web page, has advertised in various relocation guides, and used the Secretary's radio show to discuss BRAC. The Department has also sponsored BRAC- related relocation and business events.



STATEWIDE - INFRASTRUCTURE & HOUSING										
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014				2015
II. Expand Affordable and Workforce Housing Opportunities										
1) Expand resources for MMP, multifamily construction and rehab programs, and down payment assistance programs to meet BRAC housing needs									DHCD	DHCD has received \$4.5 million from the McArthur Foundation for a BRAC Rental Preservation Initiative. DHCD is also a recipient of Federal Reinvestment and Recovery Act funds which will support a range of housing activities across Maryland and in BRAC communities. In addition, DHCD has received an increased allocation of Low Income Housing Tax Credits, an increase in Mortgage Revenue Bonds, as well as Neighborhood Stabilization Program Funds that will be used for homeownership and rental activities in communities across Maryland. DHCD is applying for a second round of Neighborhood Stabilization Program Funds with a specific focus on BRAC communities. The Department also uses market based resources to support housing activities and in fact issued \$85 million in bonds to support the mortgage program in Fall of 2009.
2) Coordinate with Local Governments to identify BRAC related affordable/workforce housing priorities									DHCD	DHCD works regularly with local government representatives to gauge BRAC housing needs and priorities.
3) Expand employer participation in the House Keys for Employees/ Smart Keys Program									DHCD	Outreach activities are underway.
a. Target defense contractors, Federal agencies/Military Personnel, and businesses that provide supportive service workers									DHCD	Outreach activities are underway.
4) Encourage Local Governments to adopt inclusionary zoning solutions and expand rental housing opportunities									DHCD	DHCD seeks to expand homeownership and multifamily housing as an ongoing department activity. The recently completed report on Ft. George G. Meade Housing recommends that area local governments adopt inclusionary zoning to help address housing needs.
5) Implement the Workforce Housing Grant Program									DHCD	DHCD is focused on preserving resources for existing programs due to economic and fiscal challenges. Evaluation of program may occur in 2010 if financial feasible.



STATEWIDE - INFRASTRUCTURE & HOUSING												
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014	2015				
6) Assess feasibility of new tools and programs to meet BRAC and other affordable housing needs										DHCD	Green	DHCD is continuously working to expand affordable housing opportunities in Maryland by enhancing existing tools and programs. Recent efforts have been focused on preserving existing rental housing, targeting programs for BRAC, and mitigating foreclosures in Maryland. Recent initiatives like the Neighborhood Conservation Initiative and the MacArthur Initiative will help use non state resources to create workforce and affordable housing opportunities.
a. Assess feasibility of developing "mixed income/ mixed use" financing tool/ approach in partnership with Enterprise Housing Equity Fund and conventional banks										DHCD	Yellow	Tool is not currently feasible because of instability in the financial markets.
b. Assess feasibility of nonprofit arm to enhance DHCD capacities (new market tax credits)										DHCD	Green	DHCD has worked internally to determine the best approach to leverage New Market Tax Credits to support projects in Maryland. Currently DHCD is partnering with developers who have been allocated credits to expand their use and impact in Maryland.
c. Assess feasibility of expanded resources through the creation of an Affordable Housing Trust Fund or Workforce Housing Fund										DHCD	Yellow	Expanded resources to support State housing trust funds are not feasible at this time given Maryland's current fiscal environment. However, DHCD is looking to the newly formed National Housing Trust Fund created in 2008 to help support housing activities in Maryland.
d. Assess feasibility of using the Maryland Housing Fund to leverage private investment in a BRAC mortgage product										DHCD	Red	This item remains delayed due to the current nation-wide volatile and unpredictable financial market conditions, particularly surrounding the housing arena. As a result of new standards imposed by rating agencies, additional reserves are needed to support new single family business activities supported by the Maryland Housing Fund. As a result, DHCD suspended the Maryland Housing Fund in 2008 including all new insurance related to Maryland Mortgage Program (MMP) purchase loan products. If the economy and budgetary conditions improve, DHCD may be able to make progress with new loan products using the Maryland Housing Fund.
7) Preserve existing affordable housing in BRAC areas and target troubled rental housing development for improvement through redevelopment										DHCD	Green	DHCD received \$4.5 million in funds from the MacArthur Foundation to support the Maryland BRAC Preservation Initiative and Loan Fund. This is an effort to preserve an estimated 9,000 affordable housing units in Maryland over 10 years.



STATEWIDE - INFRASTRUCTURE & HOUSING											
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015			
8) Prioritize rental housing funds/LIHTC to reflect BRAC projects									DHCD		DHCD updated the Qualified Allocation Plan to include extra points for BRAC-related projects in the award of Federal Low Income Housing Tax Credits.

STATEWIDE - INFRASTRUCTURE & HOUSING										
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014				2015
III. Strengthen Neighborhoods										
1) Leverage key redevelopment and Smart Growth tools such as Community Legacy, Neighborhood Business Works, and Community Investment Tax Credits with enhanced resources to meet BRAC needs									DHCD	BRAC was a special theme for the FY 2008, 2009, and 2010 round of Community Legacy Grants. Other programs are being leveraged in an ongoing manner to expand capacity at the local level on a project by project basis. Expanded resources are limited in this fiscal environment.
2) Support BRAC-related projects' financial assistance from DHCD's Division of Neighborhood Revitalization									DHCD	Effort is ongoing.
3) Coordinate with Local Governments to identify priority existing communities in which to target revitalization and housing funding									DHCD	DHCD works regularly with local governments to identify local revitalization needs. BRAC Zones, the Neighborhood Conservation Initiative, as well as the ongoing Community Legacy program work to target resources to designated investment areas.
4) Assess feasibility of implementing targeted housing acquisition/rehabilitation financing tools									DHCD	DHCD is in the process of administering \$26 million new federal funds to acquire and rehabilitate vacant foreclosed homes in local communities in partnership with local governments.
a. New Homeowner Lending Product (Pending)									DHCD	DHCD developed an acquisition/rehabilitation lending product that provides borrowers a mortgage to purchase a single family home as a primary residence and obtain funds needed for repairs and/or renovations at the same time. However interest from lenders has been limited due to its proposed structure. Additional work to modify the loan product and alternative approaches to terms may be needed.
b. Nonprofit Redevelopment Lending Product (Under Study)									DHCD	DHCD provided financial support to nonprofit home acquisition rehabilitation activities through the Community Legacy Program. A more structured activity is deferred.
5) Expand Main Street Program									DHCD	DHCD announced new "Main Streets" in June 2008.
a. Assess feasibility of expanding eligible program areas to include adjacent residential areas near Main Streets									DHCD	DHCD announced in June 2008 the new "Maple Street" Initiative and four communities have been chosen to participate.
b. Finance market studies in proposed new Main Streets									DHCD	Grants to support market and economic development studies were awarded to Havre de Grace, Bel Air, and Dundalk in 2008 and 2009.
c. Support capital investments in Main Streets									DHCD	DHCD announced in June 2008 roughly \$300,000 in grants for the Main Street Improvement Program Fund (MIP). In addition, various Community Legacy awards have been made between FY 2007 and FY 2009 to support Main Streets.



STATEWIDE - INFRASTRUCTURE & HOUSING											
ACTION	2008	2009	2010	2011	2012	2013	2014	2015	RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
d. Replenish Main Street improvement fund to support operating costs	—●								DHCD		DHCD announced in June 2008 roughly \$300,000 in MIP grant.
6) Use the LGIF Program for infrastructure improvements in redevelopment areas	—●								DHCD		DHCD financed two infrastructure projects in BRAC jurisdictions in FY 2008 including a water/sewer project in Aberdeen and a range of activities in Laurel. The program was restructured during the 2009 legislative session. DHCD anticipates a new bond offering to support local infrastructure projects in early 2010.
7) Use state-owned property for redevelopment/TOD/mixed income housing	—●								DHCD, MDOT, DBED, MDP, DGS		DHCD is a partner in the redevelopment of State Center. DHCD is also working with MDOT on TOD activities.
a. Create TOD Closing Cost Assistance Product	—●								DHCD		Down payment assistance tool is available for launch but resource availability is concern due to current economic climate.



STATEWIDE - INFRASTRUCTURE & HOUSING												
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014	2015				
8) Collaborate with Smart Growth Sub-cabinet to assess feasibility of new tools and programs to meet BRAC needs	●								DHCD, MDOT, DBED, MDP, MDE	●	This effort is ongoing. BRAC Revitalization and Incentive Zone Program is one key Smart Growth tool that has been launched.
a. Assess feasibility of Greyfields Program to reposition and transform underutilized older commercial properties into new mixed use facilities	—————	●								DHCD	●	DHCD is a partner in Baltimore City's pilot Shopping Center Transformation Initiative. DHCD's Community Legacy Program and Designated Neighborhoods Program will be available to help stimulate investment in select older shopping centers. In addition, The Task Force on the Future for Growth and Development also made a recommendation related to exploring a greyfields program.
b. Assess feasibility of Multi-Department Community Action Teams to provide revitalization project design and technical assistance	—————	●								DHCD	●	DHCD has implemented the Smart Sites program. In addition, DHCD helped launch The Multi-Department Sustainable Communities Initiative launched to provide targeted municipalities resources for local planning activities.
c. Assess feasibility of DHCD role in utilizing TIF to meet local revitalization needs	—————	●								DHCD	●	The structure and commitment of State resources for infrastructure improvements in BRAC Zones is intended to help provide additional capacity to support innovative financing tools including the use of TIFs. DHCD is also exploring TIFs through a workgroup focused on revitalization needs in Maryland.
d. Assess feasibility of Rent Where You Work Program to encourage renters to live close to their employment	—————	●								DHCD	●	Due to fiscal and budget conditions, new programs are not feasible at this time. However, DHCD is working to support exemplary smart growth mixed use projects that achieve this objective. One example is Miller's Court in Baltimore City which was financed in part by the NBW program in 2009 and provides housing for city school teachers and office space for educational related organizations. In addition, the MacArthur Preservation Initiative will assist increasing availability of rental opportunities near BRAC job growth.



STATEWIDE - INFRASTRUCTURE & HOUSING										
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014				2015
IV. Support Environmental BRAC Processes										
1) Provide guidance and conduct timely reviews of all local water resources elements in BRAC jurisdictions as part of local comprehensive planning process								MDE	Green	Project is on schedule. MDE reviewed comprehensive plans for 17 BRAC impacted jurisdictions. Approval authority is at the local level with all WREs to have been legally adopted by October 9, 2009 unless MDP granted an extension. MDE undertook related outreach conveying updated water quality maps, listings and guidance to each county and the City of Baltimore, cc'ing responsible Army (or Navy) personnel within "host" jurisdictions. MDE reviewed 2009 local BRAC Zone proposals to ensure that no overlap occurred with drainage areas associated with known high-quality (Tier II) waters. When high-quality waters are discovered after the fact (e.g. '08 City of Laurel BRAC Zone), MDE works with the project applicant(s), providing advice on whether or not additional environmental requirements must be met.
2) Provide guidance & conduct timely reviews of local water/sewer plans in BRAC jurisdictions								MDE	Green	Project is on schedule. During 2009, MDE reviewed and approved a total of 14 local water/sewer plans or plan amendments for BRAC impacted jurisdictions. MDE also reviewed 2009 local BRAC Zone proposals to ensure that service exists or is planned.
3) Give priority review to all state-funded local water and wastewater infrastructure studies that support decision-making in BRAC jurisdictions								MDE	Yellow	MDE is not funding any local studies. MDE applied for state-level OEA funds for a comprehensive regional analysis of water and wastewater system capacity throughout the APG Region where the need for such a study is greatest. This \$1.8M federally funded effort has concluded.
4) Conduct timely processing of all permits and approvals required for BRAC-related infrastructure and development projects								MDE	Yellow	MDE encouraged the Army to avail itself of Agency's Sediment Control and Storm Water Management Expedited Review Process entailing the use of third-party plan reviewers, under the direction of MDE, to ensure timely review of submissions. Numerous state environmental permits/approvals were issued during 2009. No BRAC-related agency decisions were adjudicated.
5) Process all BRAC-related grant/loan requests in a timely manner, providing applicant assistance as necessary								MDE	Green	This is a continuing effort to assist BRAC-related projects receiving federal and state funding within the existing guidelines. During 2009, Maryland received federal ARRA funds to supplement state wastewater treatment grants/loans for four facilities benefitting five BRAC impacted jurisdictions. MDE continues to work with local government to utilize these funds in a timely manner.



STATEWIDE - INFRASTRUCTURE & HOUSING											
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015			
6) Undertake timely air quality conformity review of any BRAC-related project deemed regionally significant by Local Governments									MDE		Project is on schedule. Air "general conformity" requirements related to BRAC 2005 have been fully addressed as part of the federal NEPA review process.
7) Review all BRAC-related local landfill or transfer station expansions & new sitings, providing regulatory assistance as needed									MDE		Project is on schedule. During 2009, MDE received/reviewed a total of 8 proposals for new or expanded landfills in Baltimore County, Anne Arundel County, and Baltimore City (three rubble landfills; one municipal solid waste facility; and four processing/transfer facilities). A total of four approvals are to be issued by year's end, with the remainder to be determined during 2010.
8) Support local initiatives to create waste-to-energy projects by fostering technology transfer and then undertaking timely review of projects that come to fruition									MDE		Project is on schedule. Based on 2009 discussions with Frederick County, MDE anticipates receiving the County's WTE application in 2010 with a permit review time of 12 months.
9) Process all BRAC-related VCP applications in a timely manner									MDE		Project is on schedule. MDE reviewed 2009 local BRAC Zone proposals to ensure that brownfield revitalization is considered and encouraged where appropriate. To date, no Voluntary Cleanup Program (VCP) activity has occurred in association with a state-approved local BRAC Zone.



STATEWIDE - INFRASTRUCTURE & HOUSING													
ACTION										RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014	2015					
V. Support Land Use and Planning													
1) Develop BRAC data information package for Local Governments in updating their land use plans				●							MDP, MDE	●	MDP collected housing sales, school projections and permit information through the BRACSTAT Process.
2) Provide flexible "mixed-use" zoning tools that would promote redevelopment of areas in need of revitalization			●								MDP	●	MDP provided mixed use zoning information in support of TOD and Transfer of Development Rights concepts to support land preservation and to direct growth into Priority Funding Areas (PFAs).
3) Create visualization and information tools that enable and assist BRAC communities to create innovative design standards			●								MDP, MDOT, DBED, MDE, DHCD	●	MDP worked on measure however budget constraints restrict future funding.
4) Provide incentives to focus and target BRAC growth into PFAs (BRAC Zones)		●			●						DBED, MDP, DHCD	●	DBED coordinated the designation of 8 BRAC Zones and amendments to the legislation to the BRAC Community Enhancement Act legislation furthering support of local communities.
5) Review and assist BRAC jurisdictions in development of zoning and subdivision regulations that support Smart Growth											MDP	●	MDP provided information as requested through outreach efforts.
6) Monitor and participate in development of Census 2010 programs to ensure accuracy for existing population and BRAC growth				●							MDP	●	MDP engaged in process beginning in Fall 2009.
7) Develop metrics to track performance of state agency BRAC initiatives (BRACSTAT)				●							MDP	●	MDP developed several BRAC metrics that are now being used as part of MDP's BRACSTAT. Separating building permits by inside and outside of the County PFAs has been a challenge that MDP continues to work on. MDP has provided permit information inside and outside the PFA for six of 10 Counties.
8) Coordinate with regional MPOs to monitor growth impact patterns and update cooperative forecasting process (including vacant land inventory and land use update) taking BRAC into account				●							MDP, MDOT	●	MDP is meeting on a monthly basis with our regional planning organizations including the Baltimore Metropolitan Council and the Washington Area Council of Governments. These two organizations cover most of the BRAC impacted jurisdictions. MDP continues to support the CSSC Regional GIS mapping effort that once implemented in 2009, will allow local governments to evaluate land use and vacant land both locally and on a regional basis.



STATEWIDE - INFRASTRUCTURE & HOUSING											
ACTION	2008	2009	2010	2011	2012	2013	2014	2015	RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
VI. Revitalize Commercial Corridors											
1) Provide flexible mechanisms such as form-based codes and collaborative design processes to promote redevelopment within BRAC communities									MDP, DBED		MDP met with several jurisdictions to discuss areas targeted for revitalization and necessary zoning to support effort.
VII. Support for Schools											
1) Assess feasibility of incorporating Smart Growth principles in school construction priority evaluation process									MDP, IAC		MDP completed geographic analysis of State Capital Improvement Program (CIP) funded school construction projects located within a PFA and within a 10-mile radius of a BRAC installation and/or 20-minute travel time to a BRAC installation. Analysis to be used in the prioritization of BRAC-related public school construction projects.

STATEWIDE - TRANSPORTATION										
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015		
I. Promote Transportation Alternatives - Transit, Carpool and Vanpool										
1) Implement MARC Growth and Investment Plan, improving service for existing customers and expanding capacity and service									MTA	MDOT programmed \$115 million for a six-year FY2010-2015 Capital Programming period. Funds will purchase new railcars, improve station facilities and rail infrastructure, and expand parking at stations. Design underway for Aberdeen parking expansion; planning underway for improvements to Penn Line track, and Penn Station improvements. (See p. MTA-7 of the FY2010- 2015 Draft CTP).
2) Promote seamless transit connections and customer convenience to and on military installations									MTA	Discussions with local jurisdictions, service providers and installations are continuing.
a. Develop MOUs to address security issues of direct service									MTA	Draft MOU's have been distributed for comment and resolution.
b. Coordinate with APG on internal mobility for transit riders									MTA	Discussions with local jurisdictions, service providers, and installations are continuing.
3) Complete Smart Card implementation to provide seamless connections between MTA transit services, WMATA, and LOTS									MTA	Project on schedule.
4) Provide continual ride-share coordination, promoting transit options, cost-effective carpooling and van pooling									MTA	MTA's rideshare and marketing of local programs were funded. Transportation demand management efforts continue in coordination with local jurisdictions and installations. A Fort George G. Meade Ridesharing Roundtable has been initiated



STATEWIDE - TRANSPORTATION											
ACTION	2008	2009	2010	2011	2012	2013	2014	2015	RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
a. Add temporary coordinators for one-on-one support during BRAC influx									MTA	Green	To be implemented in FY 2010 to meet major BRAC movements.
b. Explore "Flex-car" service options									MTA	Yellow	Discussions are continuing with local Rideshare programs.
5) Assess feasibility in BRAC corridors for revitalizing communities through transportation improvements with emphasis on mass transit									MDP, DHCD, DBED, MDOT	Green	Feasibility study is underway with participation from MDP, DHCD and DBED.
II. Encourage Smart Growth Transportation Policies and Projects											
1) Revive the Community Safety and Enhancement Program									MDOT	Green	MDOT programmed \$96 million in the Draft FY2010-2015 Draft Consolidated Transportation Plan (CTP) for highway transportation projects in designated revitalization areas (See p. SHA-SW-2 of the FY2010- 2015 Draft CTP).
2) Expand pedestrian and bicycle access									MDOT	Green	Effort is ongoing.
a. Emphasize inclusion of sidewalks and bicycle lanes in SHA projects									MDOT	Green	Bicycle and Pedestrian Access remain a key component of SHA initiatives.
b. Target potential BRAC transportation enhancement program funding for bicycle and pedestrian improvements									MDOT	Yellow	MDOT is considering the implementation of this program.

STATEWIDE - TRANSPORTATION										
ACTION						RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS		
	2008	2009	2010	2011	2012					
3) Promote TOD projects along MARC and WMATA system, targeting mixed-use and walkable, vibrant communities								MDOT	MDOT, WMATA, and MTA are actively engaged in effort.	
4) Promote growth in targeted municipalities and growth areas through investments such as evaluation of additional MARC stations								MTA	Activity underway as part of the MARC Growth and Investment Plan (See p. MTA-7 of the FY2010- 2015 Draft CTP).	
III. Provide Customer Service										
1) Assess feasibility of new air service options at BWI Airport to serve BRAC employees, contractors and families								MAA	Feasibility to be implemented in FY 2010 to meet major BRAC movements upon population increase.	
2) Deploy MVA Mobile Vehicle for vehicle registration, licensing, and other services for relocating employees at BRAC installations								MVA	Deployment to be implemented in FY 2010 to meet major BRAC movements.	
3) Participate in relocation fairs to promote transportation services for workers and families								MTA	MDOT and MTA participated in Baltimore City's Greenlight Baltimore Fair and Tour, Harford County Relocation Fair and DISA Employee Picnic. Pending available travel funds, MDOT and MTA will continue to assist in future outreach efforts.	



STATEWIDE - WORKFORCE DEVELOPMENT & EDUCATION												
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS		
	2008	2009	2010	2011	2012	2013	2014	2015				
I. Customize, Create and Expand Workforce Programs												
1) Obtain job qualifications and specifications from incoming BRAC related employers	●	-----								DLLR, DBED	Green	DLLR and DBED have expanded the identification of incoming job skill requirements to include contractor positions.
2) Expand services within One-Stops to serve needs of BRAC-related companies (specialized recruitments, pre-screening and referrals, job fairs, and customized training solutions)	●	-----								DLLR, DBED, MHEC	Green	DLLR, DBED and MHEC expanded efforts to include services for veterans and those seeking BRAC-related information.
a. Coordinate with state workforce systems in providing business services to BRAC-related employers	●	-----								DLLR	Green	Project is on schedule.
b. Develop a Defense Worker Exchange Program for BRAC-related agencies	●	-----								DLLR	Yellow	DLLR is working with BRAC-related agencies and Federal officials to identify obstacles for job-seekers and actions that the State can assist.
c. Increase MHEC approved training vendors within One Stop system to train more job seekers for BRAC-related jobs										DLLR, MHEC	Green	MHEC increased connectivity to One-Stop system for community colleges, public and private universities.



STATEWIDE - WORKFORCE DEVELOPMENT & EDUCATION											
ACTION	2008	2009	2010	2011	2012	2013	2014	2015	RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
3) Provide employment assistance to relocating BRAC spouses and other family members (such as One-Stop services, career consultation, resume assistance, and customized recruitment opportunities)	●	●	●	●	●				DLLR, MHEC, MSDE	On Schedule	DLLR sponsored transition fairs for both DISA and C4ISR command from Fort Monmouth.
4) Develop inter-state commuter incentive program for non-Maryland workers commuting to BRAC employment locations in Maryland	●	●	●	●	●				DLLR, MDOT	On Schedule	DLLR is providing information on current Federal transportation incentives to personnel through the Maryland Transition/One-Stop Career Centers at Fort Monmouth and DISA. DLLR continues to coordinate with MDOT on promoting transit ridership to out of state commuters. Efforts are focused now on improving transit access to the installations.
5) Expand current veterans programs and other resources for veterans in One-Stops	●	●	●	●	●	●	●	●	DLLR	On Schedule	Project is on schedule.
6) Provide targeted outreach to qualified job seekers for BRAC-related positions	●	●	●	●	●	●	●	●	DLLR, MHEC, MSDE, DBED	On Schedule	Project is on schedule.
7) Create workforce training programs focused on BRAC-related jobs for emerging, existing and under-utilized workforces (Construction, IT, service industry, etc.)	●	●	●	●	●	●	●	●	DLLR, MHEC, MSDE	On Schedule	DLLR is identifying obstacles for the traditionally underutilized workforces.
8) Coordinate BRAC-related workforce development through Workforce ONE Maryland program (\$4M DOL Grant)	●	●	●	●	●				DLLR	On Schedule	Project is on schedule.



STATEWIDE - WORKFORCE DEVELOPMENT & EDUCATION											
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015			
9) Assess and streamline 20+ occupational licensing requirements to create smooth transitions for employees relocating to Maryland									DLLR, MHEC	On Schedule	In 2009, 23 license waivers were administratively approved by the DLLR. The remaining 4 licenses were approved through legislation during the 2009 Legislative Session.
10) Assess PWQ eligibility for small and mid-sized manufacturing and technology companies									DLLR, MHEC, DBED	Not Funded	Due to budget constraints, program is currently not being funded.
11) Expand capacity of MWE to provide premium service to job seekers and employers									DLLR	On Schedule	Project is on schedule.
a. Establish link to employment/workforce development opportunities for each military installation									DLLR	On Schedule	Project is on schedule.
II. Bridge Educational Systems with BRAC Workforce Needs											
1) Integrate 21st Century Workplace Survival Skills programs into P-20 educational institutions									DLLR, MSDE, MHEC	On Schedule	Project is on schedule.
2) Assess preparedness of Maryland educational institutions to meet educational requirements of BRAC jobs									DLLR, MSDE, MHEC	On Schedule	Project is on schedule.
3) Align adult education programs, TANF employment programs, and mature worker programs in workforce development									DLLR, MSDE, MHEC, DHR	On Schedule	Project is on schedule.



STATEWIDE - WORKFORCE DEVELOPMENT & EDUCATION												
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014	2015				
4) Facilitate articulation of military and immigrant work experience and education into Maryland education standards										DLLR, MHEC		DLLR developing program with U.S. Veterans Administration.
5) Identify, develop and implement 2+2+2 educational for BRAC-related occupations										DLLR, MSDE, MHEC		The Teacher Academy of Maryland (TAM), a statewide 2+2+2 program, has significantly increased enrollment. A second statewide 2+2+2 program has been established in 2009 for Transportation Technology Programs.
III. Facilitate Growth of Higher Education BRAC Programs												
1) Create competitive grant program to fund BRAC-related higher education initiatives (BRAC Fund)										MHEC		Grant program in its second year. 12 grants totaling nearly \$865,000 were awarded in 2009. The first round of grants produced approximately 1,200 participants in direct workforce development programs.
2) Develop MOUs between Maryland IHEs & NJ/VA/DC IHEs to transfer academic credit for BRAC-related students especially graduate level credit										MHEC, USM, IHEs		MHEC continues to encourage IHE's to continue development of articulation agreements.
3) Assess capacity of educational facilities to accommodate BRAC workforce needs										MHEC, USM, IHEs		MHEC continues to monitor BRAC educational needs through communication with IHE's, civilian contractors, and the military.
4) Evaluate BRAC-related program proposals from IHEs										MHEC		MHEC, through its program approval process, continues to monitor BRAC-related programs.
IV. Identify and Prioritize School-related Capital Improvement Programs												
1) Review and assess facility needs and enrollment projections set forth in K-12 educational facilities master plan										IAC (MDP)		MDP is in the process of reviewing all Educational Facilities Master Plans (EFMPs) submitted in July 2009, and will assess them relative to the CIP requests to be submitted in October 2009. Consistency between the EFMP and the local comprehensive plan is discussed at CIP meetings with Local Education Agencies (LEAs) throughout October.



STATEWIDE - WORKFORCE DEVELOPMENT & EDUCATION												
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014	2015				
2) Explore public/private partnerships and alternative financing for school construction needs		●								IAC	●	The Public School Construction Program (PSCP) disseminated an annual report on Alternative Financing in September 2009 and led a meeting among facility planners at which the Alternative financing of a major project was presented by an LEA. In the past, the PSCP reviewed proposals and interpreted procedures for LEAs pursuing these financing methods. Interest has not been strong. There is considerable interest and a growing body of experience using alternative project delivery methods, particularly Construction Management At-Risk.
3) Assess feasibility of flexible procedures and funding sources for LEA to proceed with BRAC-related projects outside of annual CIP funding schedule		●								IAC	●	The IAC had no requests for approval of BRAC-related projects outside of the normal CIP funding schedule. The IAC has reviewed its policy to allow LEAs to submit projects outside of the normal deadlines.
V. Support Science Technology Engineering and Mathematics (STEM) Programs												
1) Conduct bi-annual STEM Coordinators meetings										MSDE	●	MSDE's STEM Coordinators met in October and a tentative date for the spring meeting is April 26, 2010.
2) Conduct annual STEM Conference										MSDE	●	MSDE's STEM Conference was conducted January 2009. MSDE is exploring a partnership with business and higher education to conduct a STEM conference in FY 2010.
3) Create STEM website and disseminate information such as grant opportunities and best practices		●								MSDE	●	MSDE Web site has been accessible since April 2008: http://www.marylandpublicschools.org/MSDE/programs/stem .
a. Link MSDE STEM initiatives and each LEA STEM website		●								MSDE	●	MSDE established links to all LEAs through a STEM Web site.
4) Investigate best practices nationwide and gather information on STEM programs with a focus on elementary and middle schools		●								MSDE	●	MSDE investigated and highlighted best practices that were discussed at the STEM Conference in January 2009. MSDE continues to identify and share best practices in STEM. MSDE is seeking guidance from the Mid-Atlantic Regional Education Laboratory to explore STEM best practices nationally.
5) Provide technical assistance to local school systems								●		MSDE	●	MSDE responded to local school system requests and needs through site visits, phone calls and emails. Effective July 1, 2009, due to budget constraints, MSDE lost the one full time STEM position. Critical responsibilities will be covered by the Coordinator of Math & STEM.



STATEWIDE - WORKFORCE DEVELOPMENT & EDUCATION											
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015			
a. Best practices in STEM education	MSDE	MSDE provided best practices through the STEM Web site and briefings.
b. STEM grant application, management and implementation	MSDE	MSDE's final reports for FY 2008 were due October 2009. Interim reports for FY 2009 were collected in July 2009.
6) Award yearly State STEM Planning/ Implementation Grants to local school systems	MSDE	MSDE's FY 2010 grants were awarded in July 2009. The award for FY 2010 was cut \$1 million (50 percent). Future grant awards will depend on fund availability.
7) Strengthen professional development for teachers in STEM and special education	MSDE, MHEC	MSDE provided professional development at the LEA level. MSDE adjusted the FY 2010 STEM application to strengthen Professional Development.
8) Promote Regional STEM Initiatives	MSDE	MSDE's STEM coordinator and specialist supported LEAs as they coordinate regional STEM initiatives. In FY 2010 the STEM coordinator will encourage regional STEM initiatives.
a. Create STEM career pathway from middle school through graduate studies	MSDE, MHEC	MSDE has created a State STEM Advisory Committee. The Committee held its first meeting in October.
b. Coordinate among K-12, community college and university partners to develop STEM curriculum and programs	MSDE, MHEC	MSDE's Interdivisional STEM planning committee met monthly. The Superintendent's STEM Advisory Team will include higher education partners.
VI. Support Career and Technology Education (CTE) Pathway Programs											
1) Target federal Perkins funding to expand CTE programs in BRAC local school systems	MSDE, MHEC	MSDE leadership funds continue to be distributed through competitive grants targeted at BRAC/STEM related programs. (BRAC initiatives are a priority in the selection process.)
2) Expand PLTW high school and Gateway to Technology middle school program availability and student enrollment	MSDE, MHEC	MSDE's BRACSTAT reflected expansion by school and school districts. In BRAC-related local school systems, there are 63 Project Lead the Way (PLTW) pre-engineering academies in high schools, 16 Gateway to Technology (GTT) Programs in middle schools and eight PLTW Biomedical Sciences programs in high schools.
3) Expand professional development for CTE teachers and guidance counselors	MSDE, MHEC, DLLR	MSDE's leadership funds continue to be targeted by career cluster and support BRAC-related programs and teachers.



STATEWIDE - WORKFORCE DEVELOPMENT & EDUCATION											
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015			
4) Provide assistance to local school systems and community colleges for expanding CTE pathway programs leading to industry certifications										MSDE, MHEC	Statewide Advisory Group met three times to support students earning industry certification. More than 3,800 high school graduates earned industry certification related to their CTE program of study. Most of these are in BRAC related areas, such as, IT, manufacturing, and construction.
5) Provide assistance to local school systems and IHEs implementing articulated homeland security programs										MSDE, MHEC	MSDE's leadership funds were targeted to support expansion of homeland security programs. There are now 3 Homeland Security Academies, one each in Harford, Baltimore, and Allegany Counties.
6) Promote Regional CTE Initiatives										MSDE	MSDE promoted Career and Technology Education (CTE) initiatives. In addition, the Governor's P-20 Leadership Council of Maryland CTE Task Force issued its report in support of expansion of CTE.
a. Support development of strong mathematics and science curricula through CTE programs										MSDE	MSDE expanded PLTW pre-engineering and additional support is given to Stevenson University which serves as the program affiliate for Biomedical.



STATEWIDE - WORKFORCE DEVELOPMENT & EDUCATION										RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
ACTION	2008	2009	2010	2011	2012	2013	2014	2015				
b. Provide and implement PLTW/GTT pre-engineering programs in middle and high schools										MSDE		MSDE leadership funds continue to be targeted to support expansion of PLTW/GTT programs. 2009 enrollment has increased across the state to more than 4,900 students.
VII. Establish Innovative Schools and Rigorous Programs												
1) Support and expand charter schools through the award and monitoring of \$18 million Federal grant										MSDE		Maryland opened nine (eight in Baltimore City and one in Anne Arundel County) additional charter schools in 2008-2009 for a total of 42 Charter schools (41 in BRAC LEAs).
2) Support expansion of Advanced Placement courses										MSDE		Based on 2008 AP results, Maryland ranked #1 nationwide in AP performance and participation. Maryland increased 9.6% in the number of exams at the college mastery level and 8.4% increase in the number of students earning a 3, 4 or 5 on at least one AP exam.
3) Support expansion of International Baccalaureate Schools										MSDE		In 2008-2009, there were 31 IB schools in BRAC-related LEAs (two primary, 10 middle, 19 diploma).
4) Support expansion of child care access										MSDE		MSDE continues to support child care access. The economic situation has affected growth in early care and education programs. Across all BRAC jurisdictions, there has been a total increase of five percent in the number of public pre-K programs. Licensed child care program capacity levels in BRAC jurisdictions were generally flat, increasing by a total of just one percent. Only Cecil County showed a substantial capacity increase (+11 percent).
5) Improve quality of child care by increasing pre-K education programs in accredited child care centers										MSDE		There was an overall increase of 3% across all 10 BRAC jurisdictions in the number of accredited early care and education programs.
VIII. Increase College Participation and Achievement												
1) Increase dual enrollment opportunities										MSDE, MHEC, DLLR		MSDE continues to be challenged in seeking data collection on dual enrollment programs.
2) Increase number of 2+2+2 programs										MSDE, MHEC, DLLR		The Teacher Academy of Maryland (TAM), a statewide 2+2+2 program, has significantly increased enrollment. A second statewide 2+2+2 program has been established in 2009 for Transportation Technology Programs.



STATEWIDE - WORKFORCE DEVELOPMENT & EDUCATION										
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015		
IX. Promote Teacher Recruitment and Certification Programs										
1) Support alternative teacher certification programs (New Teacher Project, Teach for America, Troops to Teachers, and Transition to Teaching)									MSDE	MSDE has noted a decrease in the demand for teachers except for those in the STEM areas, special education, and ESOL. While recruitment of alternatively prepared teachers remained steady in the two most high-need districts in the State, most recruitment seeks to fill hard to fill positions. However, 578 teachers did enter the workforce through Maryland Approved Alternative Preparation Programs. Decreased need may also be reflective of the economy as well as high retention (70%) of alternatively-prepared teachers through the last ten years.
2) Evaluate pension policy procedures that encourage highly qualified teacher relocation to Maryland									MSRA	Maryland State Retirement Agency (MSRA) continues to defer action based on current budget constraints and the economic downturn, compounded by the State's obligation for current retirees' pension benefits and unfunded long term health benefits for retirees.
3) Evaluate teacher certification procedures that encourage highly qualified teacher relocation to Maryland									MSDE	MSDE has increased its interest in enhancing licensure mobility both through the regulatory changes mentioned in 2008, and also through the 2009 collaboration with the National Association of Directors of Teachers Education and Certification (NASDTEC) and Macro International in producing a nationwide data base of licensure mobility requirements for teachers prepared through alternative and distance learning programs.
4) Revise teacher certification regulations to facilitate process for new and relocating teachers									MSDE	MSDE revised testing requirements continues to increase options and flexibility.
5) Expand Associate of Arts in Education programs									MSDE, MHEC	MSDE continues in its participation in the AAT oversight committee with the goal of continuing to improve programs and expand participation.
X. Expand BRAC-Related Employment Opportunities for Maryland Students										
1) Expand partnerships with businesses, apprenticeship programs, and industry associations to create internships and employment opportunities for Maryland high school students									MSDE	MSDE CTE State Advisory groups include representation from industry, higher education, and government agencies (including GWIB, DLLR); the Governor's P-20 CTE Task Force supports partnerships for expansion of internships, apprenticeships and employment opportunities.



STATEWIDE - WORKFORCE DEVELOPMENT & EDUCATION										
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015		
2) Expand BRAC-related work-based learning experiences for high school students	MSDE	MSDE includes work based learning experiences in CTE programs. In 2009, more than 7,000 students participated in a work based learning experience.

STATEWIDE - WORKFORCE DEVELOPMENT & EDUCATION												
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014	2015				
3) Provide students with information about security clearance requirements/processes and the impact of student behavior on the ability to obtain a security clearance										MSDE	Completed	Fort George G. Meade Alliance developed the Security Clearance Overview and Preparation Education (SCOPE) Program which is linked from the MSDE Web site and was shared with all 24 Assistant Superintendents on September 18, 2009.
a. Work with BRAC-related agencies to identify and address security clearance issues										MSDE, DLLR, MHEC	Completed	MSDE, CyberWATCH, and The Educational Technology Policy and Research co-sponsored an all day seminar for counselors, administrators, and STEM coordinators. The conference brought together business leaders from Information Assurance, Information Security, Digital Forensics, Engineering of all genres, Biotechnical Engineering, Information Management, to speak on career opportunities, the academic preparation necessary to compete for these positions, and the level of security clearance that must be attained to allow employment.
b. Embed student behavior linkage and security clearance information in character education newsletter and handouts										MSDE	Completed	Several Character Education newsletters entitled <u>Character Matters</u> contain pertinent information about security clearances and can be found on the MSDE Web site.
c. Encourage local school systems to include student behavior and security clearance linkage as part of their character education message										MSDE	Completed	During Character Education site visits, information about the BRAC initiative was shared with coordinators across the state.
d. Incorporate student behavior and security clearance linkage as part of the message of speakers from the Speakers Bureau and Ethics Speakers										MSDE	Completed	Character Education is continuing to provide BRAC information about security clearances to the Ethics Speakers' Bureau participants who discuss ethical issues with high school students across the state.

STATEWIDE - WORKFORCE DEVELOPMENT & EDUCATION												
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014	2015				
e. Develop financial literacy awareness among students through the development of a personal resource management course										MSDE		The University of Maryland, Baltimore County was recently approved to offer a technology education teacher preparation program for students who begin in the engineering degree program and then decide they want to be teachers. The program will help fill critical teacher shortage areas that impact STEM education, especially in Technology Education and in the PLTW pre-engineering program, one of Maryland's Career and Technology Education Programs of Study.
f. Develop a Security Clearance Education Website										MSDE		MSDE continues to add security clearance information to the MSDE BRAC Web site.

STATEWIDE - WORKFORCE DEVELOPMENT & EDUCATION										
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015		
XI. Enhance Information about Maryland Public Schools										
1) Develop communications and marketing plan including informational pamphlets designed to assist BRAC students and families									MSDE, MHEC, DLLR	MSDE information materials have been developed and distributed at all outreach opportunities.
2) Participate in relocation fairs for DISA, Fort Monmouth, ATEC and other relocating agencies									MSDE, MHEC, DLLR	MSDE participated in relocation fairs in Virginia and Fort Monmouth, New Jersey.

STATEWIDE - ECONOMIC DEVELOPMENT AND SMALL MINORITY BUSINESS												
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014	2015				
I. Provide Small and Minority Businesses Equal Access to Procurement/Business Opportunities												
1) Conduct and update an Economic Opportunities Study to identify BRAC business opportunities for small, minority and women owned businesses	●								●	GOMA, DBED, DHCD	Completed	GOMA coordinated the completion of the Maryland BRAC Small and Minority Business Opportunities Study in October 2008.
a. Conduct a contracting needs assessment to identify contracting opportunities and contractor requirements (security clearances, skill level, capacity, size, special skill set, certifications)	●									GOMA, DBED	Completed	GOMA completed assessment.
2) Coordinate statewide meetings with contracting organizations and alliances to identify BRAC opportunities for small, minority and women owned businesses	●								▶	GOMA, DBED	Completed	GOMA presented at Baltimore Washington Corridor Chamber of Commerce meeting October 2008 and participated in procurement fairs.
3) Coordinate with SBDC, advocacy groups, legislators, and all levels of government to organize BRAC procurement and outreach fairs									▶	GOMA, DBED	Completed	GOMA partnered with SBDC and PTAP to present BRAC Small and Minority Business Opportunities Study to State legislators and continued support at procurement and outreach fairs.
4) Identify and disseminate statewide best practices for providing minority business access to DoD procurements	●									GOMA	Completed	GOMA completed project.



STATEWIDE - ECONOMIC DEVELOPMENT AND SMALL MINORITY BUSINESS											
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015			
5) Participate in relocation fairs for DISA, Fort Monmouth, ATEC and other relocating agencies				●						GOMA, DBED, DHCD	Agencies supported relocation fairs and expanded to contractors based in northern Virginia and New Jersey.
6) Facilitate SBDC and PTAP implementation of strategy for improving minority business access to BRAC contracting opportunities	◆									GOMA, DBED	GOMA organized outreach to small and minority business liaisons of SBDC.
7) Assist minority businesses to take advantage of mentoring programs and security clearance best practices										GOMA, DBED	GOMA provided workshop information offered by SBDC and PTAP to small and minority businesses.
8) Create BRAC Small and Minority Business Advisory Group to assist MBE's in gaining access to DoD opportunities	●									GOMA	Project complete.
9) Create partnerships with defense industry to formalize connections with small, minority and women owned businesses	◆									GOMA, DBED	GOMA met with installation commanders to bridge partnerships for opportunities.



STATEWIDE - ECONOMIC DEVELOPMENT AND SMALL MINORITY BUSINESS												
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014	2015				
10) Track BRAC related minority business outcomes to measure minority business BRAC success										GOMA		GOMA is continuing to explore a tracking mechanism through outside agencies. Securing funding has been the major drawback to completing the tracking report.
II. Apply MBE Requirements to all State BRAC Projects												
1) Improve access to school construction projects by minority business										GOMA		GOMA hosted a workshop with MDE at the lower shore on September 2008.
2) Improve access to transportation related projects statewide by minority business										GOMA, MDOT		GOMA and MDOT presented before the United Metropolitan Truckers Association on October 2008.
3) Improve access to water and waste water related projects statewide by minority business										GOMA, MDE		MDE implemented new required federal approaches including improved documentation; pursuant to new state law, updated agency guidance and payment reporting forms to increase access, participation and data capture; attended 20 pre-bid meetings, an increase of 500%; proposed changes to the Nonpoint Source Trust Fund to require "good faith" MBE solicitation efforts; began reporting results via BRACSTAT.
4) Assess feasibility of creating reciprocal MBE certification process with State, Federal and Local Governments										GOMA		GOMA completed Memorandum of Understanding with Disadvantaged Business Enterprises (DBE), District of Columbia, Maryland and Virginia - Modified Certification Reciprocity Program, September 2008.
III. Improve Access to Capital												
1) Increase capital available to minority businesses for bonding and business expansion										GOMA, DBED, MDOT		GOMA coordinated with Meridian Management Group to begin accessing capital for small and minority business enterprises.
2) Promote Hub Zones and Enterprise Zones										GOMA, DHCD, DBED		GOMA transmitted HUB zone information to businesses.



STATEWIDE - ECONOMIC DEVELOPMENT AND SMALL MINORITY BUSINESS												
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014	2015				
IV. Enhance BRAC Procurement Information Dissemination												
1) Use GOMA website to provide comprehensive links to significant BRAC related procurements	●									GOMA		GOMA coordinated with DBED to post available opportunities on Web site.
2) Provide access to MBE procurement and certification training programs via GOMA website	●									GOMA		GOMA posted of Web site and participated in event with MDOT in October 2008.
V. Enhance Economic Development Assistance/Outreach												
1) Coordinate grant assistance provided by DoD OEA				●						DBED		DBED managed the \$3 million OEA grant that provided funding to MDE and MDOT for projects to accommodate BRAC-related growth.
2) Develop and coordinate BRAC marketing plan with local, regional, and private sector entities	●									DBED, DHCD, DLLR, MHEC, GOMA, MSDE, MDOT, MDP, MDE		DBED coordinated marketing activities with local, regional and private sector ongoing in support of Marketing Plan.
a. Disseminate Maryland relocation information package									●	DBED, DHCD, DLLR, MHEC, GOMA, MSDE, MDOT, MDP, MDE		Relocation information produced and distributed as needed.
3) Assist BRAC-related companies locating in Maryland										DBED, GOMA, DLLR		OMFA supported the DBED's Business Development Team to assist BRAC-related companies locating in Maryland. Support included presentaiton, outreach activities, networking and private meetings.
a. Coordinate key site location for BRAC-related businesses										DBED		OMFA coordinated with the DBED's Office of Business Development and Research & Business Resources Teams to update available properties for prospective businesses.
4) Assist expanding current Maryland based operations										DBED, GOMA, DLLR		OMFA, Business Services, and Business Development Teams coordinated team visits to expanding companies.



STATEWIDE - ECONOMIC DEVELOPMENT AND SMALL MINORITY BUSINESS												
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014	2015				
5) Implement and evaluate BRAC Zones to provide local jurisdictions incentives to redevelop areas that can be utilized for BRAC employer and residential locations within PFAs										DBED, MDP, DHCD	Green	DBED coordinated amendment to BRAC Zone Legislation and facilitated the review and designations of three additional zones.
6) Support technology transfer and commercialization activity by funding entrepreneurs collaborating with BRAC affiliated researchers										DBED, TEDCO	Yellow	Budgeted funds in 2008-2009 for Entrepreneurial Fund were not expended. Due to budget constraints, funds were reallocated to the Maryland Technology Transfer Fund (MTTF) and are available to qualified BRAC-related companies through TEDCO.



ABERDEEN PROVING GROUND - INFRASTRUCTURE & HOUSING												
ACTION	YEAR							RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS		
	2008	2009	2010	2011	2012	2013	2014				2015	
I. Expand Affordable and Workforce Housing Opportunities												
1) Prioritize rental housing funds/LIHTC to reflect BRAC projects (FY 2007 awards below)										DHCD	Completed	DHCD updated Qualified Allocation Plan to include extra points for BRAC related projects in the award of Federal Low Income Housing Tax Credits.
a. Cherrydale Apartments										DHCD	Completed	DHCD completed 2007 Award.
b. Poppleton Phase II										DHCD	Completed	DHCD completed 2007 Award.
c. Francis House aka Jenkins House										DHCD	Completed	DHCD completed 2007 Award.
d. Pennrose New East Baltimore										DHCD	Completed	DHCD completed 2007 Award.
2) Determine and implement appropriate BRAC-related incentives for Baltimore City										DHCD	Completed	DHCD has created a match of the \$3,000 provided by Baltimore City to 100 households annually as part of the "Buy into Baltimore" tours. To be eligible for state funds, households are required to participate in the Maryland Mortgage Program.
II. Strengthen Neighborhoods												
1) Leverage Community Legacy to achieve Local Government revitalization goals (FY 2007 awards below - FY 2008 pending)										DHCD	Completed	DHCD's 2007, 2008, and 2009 Community Legacy awards have been made. 2010 awards are pending.
a. Harford - 5 Projects										DHCD	Completed	DHCD completed 2007 Award.



ABERDEEN PROVING GROUND - INFRASTRUCTURE & HOUSING											
ACTION	RESPONSIBLE STATE AGENCY								PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014	2015			
b. Baltimore Co. - 2 Projects	.....●								DHCD	Completed	DHCD completed 2007 Award.
c. Baltimore City - 18 Projects	.....●								DHCD	Completed	DHCD completed 2007 Award.
2) Assist local economic and small business development through Neighborhood BusinessWorks (2007 projects reflected)	————●————→								DHCD	Ongoing	Ongoing effort based on the feasibility of project.
a. Washington Village/ Pigtown Neighborhood Planning Council	.....●								DHCD	Completed	DHCD completed 2007 Award.
b. Federal Hill Main Street, Inc.	.....●								DHCD	Completed	DHCD completed 2007 Award.
c. Govanstowne Business Association	.....●								DHCD	Completed	DHCD completed 2007 Award.
d. Waverly Main Street	.....●								DHCD	Completed	DHCD completed 2007 Award.
e. Fell's Point Development Corporation	.....●								DHCD	Completed	DHCD completed 2007 Award.
f. Pennsylvania Avenue Redevelopment Collaborative, Inc.	.....●								DHCD	Completed	DHCD completed 2007 Award.
g. Jonestown Entrepreneur Center	.....●								DHCD	Completed	DHCD completed 2007 Award.



ABERDEEN PROVING GROUND - INFRASTRUCTURE & HOUSING											
ACTION	YEAR							RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014				2015
III. Implement FY '08 Region-Specific Drinking Water & Wastewater Treatment Capital Projects											
1) Aberdeen WWTP - Enhanced Nutrient Removal	MDE	Project is delayed - City of Aberdeen disagreed with MDE's funding offer; MDE extended the project by one year and included the new schedule in the City's discharge permit.
a. Design engineering		
b. Construction		
2) Back River WWTP - Enhanced Nutrient Removal	MDE	Project is on schedule.
a. Design engineering		
b. Construction		
3) Back River WWTP - Gravity Sludge Thickeners	MDE	Project is complete.
a. Design engineering		
b. Construction		
4) Chesapeake City Water Storage Tank	MDE	Project is complete.
a. Design engineering		
b. Construction		



ABERDEEN PROVING GROUND - INFRASTRUCTURE & HOUSING										
ACTION	RESPONSIBLE STATE AGENCY							PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014			2015
5) Elkton WWTP - BNR / ENR Upgrade	■	■	●						MDE	Project is on schedule.
a. Construction	■	■	●							
6) Havre de Grace WWTP - BNR / ENR Upgrade	■	■	●						MDE	Project is on schedule.
a. Construction	■	■	●							
7) Joppatowne WWTP - Enhanced Nutrient Removal	■	■	■	■	●				MDE	Project is delayed by the County - MDE may incorporate the new schedule in the County's discharge permit.
a. Design engineering	■	■	■	■	●					
b. Construction				■	■					
8) North East Water System Improvements	■	■	●						MDE	Project is complete.
a. Construction	■	■	●							
9) Port Deposit existing Water Treatment and Intake	■	■	●						MDE	Project is complete.
a. Construction	■	■	●							



ABERDEEN PROVING GROUND - INFRASTRUCTURE & HOUSING											
ACTION	RESPONSIBLE STATE AGENCY								PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014	2015			
10) Rising Sun WWTP - Upgrade●									MDE	Project has been revised, eliminating the expansion component. A State grant is helping to fund the required compliance upgrade to the existing lagoon system. A separate drinking water project (meters) is being funded with federal ARRA dollars.
a. Design engineering●										
b. Construction	●									
11) Sod Run WWTP - Biological Nutrient Removal●									MDE	Project is delayed by the County - MDE may incorporate the new schedule in the County's discharge permit.
a. Design engineering●										
b. Construction	●									
12) Perryville Drinking Water System Improvements●									MDE	Project is complete.
a. Design engineering●										
b. Construction	●									
IV. Support Environmental BRAC Processes											
1) Complete BRAC-related elements of Coastal Plain aquifer assessment●									MDE	Project is complete.
2) Complete BRAC-related elements of Piedmont aquifer assessment●									MDE	Project is complete.
3) Complete engineering technology assessments of local water & wastewater treatment systems●									MDE	Project is complete.



ABERDEEN PROVING GROUND - INFRASTRUCTURE & HOUSING										
ACTION	RESPONSIBLE STATE AGENCY								PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015		
4) Develop and document a state financing strategy in support of adequate local water and wastewater infrastructure		●							MDE	Project is complete.
V. Support Land Use and Planning										
1) Provide technical assistance in updating Baltimore City's zoning code through comprehensive rezoning process					●				MDP	The City of Baltimore is in the final stage of committee public presentations for sections of the zoning code update. MDP served on the review committee and provided input for data sharing agreement that will allow MDP to perform growth and build out analysis in support of BRAC-related projects.
2) Provide technical support for creation of TOD zoning and incentive programs for transit nodes throughout Baltimore City					●				MDP, MDOT	MDP will be provided assistance through the BRAC Zone process.



ABERDEEN PROVING GROUND - TRANSPORTATION										
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015		
I. Promote Transportation Alternatives - Transit, Carpool, And Vanpool										
1) Evaluate additional direct transit service to APG through the Local Bus (LOTS) Harford and Cecil transit development plans									MTA	MTA funded the Harford Transit Development Plan (TDP) in 2008. An amended TDP was completed in Summer 2009 and is being reviewed and approved by Harford County, with some specific BRAC routes recommended (none accessing APG). Cecil TDP is almost complete.
II. Implement Strategic Roadway Investments: Near-Term Transportation Improvements										
1) Identify and implement key intersection improvements									SHA	SHA completed Traffic Study. There were six intersections near APG prioritized for project development based on proximity to the base and projected future traffic operations. Currently in design: MD 715 @ US 40 including Old Philadelphia Road, US 40 @ MD 159/MD 7, MD 22 @ Old Post Road and MD 22 @ MD 462. Design has been deferred for MD 22 @ Beards Hill Road and US 40 @ MD 155/MD 7A, (See p. SHA-SW-7 of the FY2010-2015 Draft CTP).
a. Conduct traffic study to identify potential intersection improvements.									SHA	Project completed in 2007.
b. Implement intersection improvements identified in the traffic study (US 40/MD 715 interchange - \$8M earmarked)									SHA	SHA concepts completed. Intersections currently in Design.
2) Implement bridge replacement construction for MD 7 structure over Cranberry Run									SHA	Project is complete.



ABERDEEN PROVING GROUND - TRANSPORTATION										
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014				2015
III. Implement CTP Transit Project Pipeline (FY 2010-2015 Draft CTP*)										
1) Implement ADA improvements and build station at Edgewood MARC Station				●					MTA	Improvements underway. (See p. MTA-6 of the FY2010-2015 Draft CTP).
a. Planning and engineering		●								Design almost complete.
b. Construction				●						Under Construction. Anticipated completion in 2010.
2) Planning and Engineering for assessment of transit needs for BRAC: APG-related studies				●					MTA	Planning is underway (See p. MTA-35 of the FY2010- 2015 Draft CTP)
a. Aberdeen MARC station parking expansion		●								Planning complete. Design underway.
b. Aberdeen MARC station relocation study				●						MTA initial railroad operations study completed. MDOT Phase I Market Analysis Study draft completed March 2009. Harford County Phase II OEA Grant findings report completed and approved.
c. MARC layover and maintenance facility				●						Planning ongoing. Project not funded for Design, Right-Of-Way, or Construction.
d. Conduct BRAC commuter bus study (to assess direct routes into APG and associated Park & Ride lots)		●								MTA study completed April 2008. Specific routes being evaluated. Discussions held with Delaware.



ABERDEEN PROVING GROUND - TRANSPORTATION												
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014	2015				
3) Support LOTS for Cecil and Harford Counties (FY 2008 - 2010)	-----●									MTA	█	MTA awarded funds based on annual application cycle. (See p. MTA-29 of the FY2010- 2015 Draft CTP) 12 Buses to be provided to Harford Transit via ARRA.
IV. Implement CTP Highway Project Pipeline (FY 2010-2015 Draft CTP*)												
1) Concept development for Perryman access study to provide improved access to MD 159/US 40	-----●									SHA	█	SHA revising concepts. Currently comparing intersection operations of a roundabout compared to a signal. Engineering underway. (See p. SHA-H-3 of the FY 2010- 2015 Draft CTP)
2) Interchange improvements for US 40 at MD 715	-----●									SHA	█	Concepts complete. Value Engineering study to identify alternatives underway. See pp. SHA-SW-7 of the FY2010- 2015 Draft CTP)
a. Planning and engineering	-----●											Project to begin construction Spring 2011.
b. Future project phasing												This project will not be phased.
3) Interchange improvements and Express Toll Lanes for I-95 Section 100, from north of the I-895 Split to north of MD 43	-----●									MdTA	█	Improvements are underway. (See p. MdTA-24 of the FY2010- 2015 Draft CTP).
a. Planning and engineering	-----●											Project is on schedule.
b. Right-of-way	-----●											Project is on schedule.
c. Construction	-----●											Construction underway, anticipated completion 2016.



ABERDEEN PROVING GROUND - TRANSPORTATION											
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015			
4) Planning study for I-95 Section 200, from north of MD 43 to north of MD 22	[Timeline: 2008-2010]								MdTA	[Green]	Planning to complete in December 2009. Project not funded for Design, Right-Of-Way, or Construction (See p. MdTA-24 of the FY2010- 2015 Draft CTP).
5) I-95/MD 24 interchange improvements at MD 24/MD 924/Tollgate Road	[Timeline: 2008-2011]								MdTA	[Green]	Construction is underway (See pp. MdTA-2, SHA-H-1 of the FY2010- 2015 Draft CTP).
a. Planning and engineering	[Timeline: 2008-2010]									[Green]	Project is complete.
b. Construction	[Timeline: 2008-2011]									[Green]	Project is on schedule.
6) JFK (I-95) Park & Ride facilities, new lots at MD 152 and MD 24	[Timeline: 2008-2011]								MdTA	[Green]	Project was incorporated into I-95 Section 200 Project. (Action Item IV.4. above) (See p. MdTA-24 of the FY2010- 2015 Draft CTP)
a. Planning and engineering	[Timeline: 2008-2010]									[Green]	Project is on schedule.
b. Right-of-way	[Timeline: 2008-2010]									[Green]	Project is on schedule.
c. Construction	[Timeline: 2008-2011]									[Yellow]	Project was incorporated into I-95 Section 200 Project (Action Item IV.4. above).
7) JFK (I-95) toll plaza planning study	[Timeline: 2008-2010]								MdTA	[Green]	Project to complete in December 2009 (See p. MdTA-27 of the FY2010- 2015 Draft CTP)



ABERDEEN PROVING GROUND - TRANSPORTATION											
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015			
8) Expand and improve the MD 152 Park & Ride lot	[Gantt chart: 2008-2009]								MdTA	Complete	Project is complete.
a. Construction	[Gantt chart: 2008-2009]									Complete	Project is complete.
9) US 40 Hatem bridge deck replacement, including the US 40 at MD 222 intersection break-out project	[Gantt chart: 2008-2011]								MdTA	In Progress	Construction underway. (See p. MdTA-17 of the FY2010- 2015 Draft CTP)
a. Planning and engineering	[Gantt chart: 2008-2010]									Complete	Project is complete.
b. Construction	[Gantt chart: 2008-2011]									In Progress	Project is on schedule.
10) MD 132 resurfacing, MD 462 to Beards Hill Road	[Gantt chart: 2008-2010]								SHA	In Progress	Project is under construction and anticipated for completion in 2010.
11) Construction of MD 755 Community Safety and Enhancement, MD 24 to Willoughby Beach Road (Phase I)	[Gantt chart: 2008-2010]								SHA	In Progress	Construction is underway. Anticipated completion in spring 2010. (See p. SHA-H-8 of the FY2010- 2015 Draft CTP).



ABERDEEN PROVING GROUND - WORKFORCE DEVELOPMENT & EDUCATION												
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS		
	2008	2009	2010	2011	2012	2013	2014	2015				
I. Customize, Create and Expand Workforce Programs												
1) Establish Transition/One-Stop Career Center at Ft. Monmouth, New Jersey to provide employment and transition assistance	◆	●							DLLR	■	DLLR established Maryland Transition/ One-Stop Career Center in April 2008.
II. Facilitate Growth of Higher Education BRAC Programs												
1) Conduct feasibility study of creating regional higher education and research and development center to serve APG community	●									MHEC	■	Combined study completed and published in October.



ABERDEEN PROVING GROUND - ECONOMIC DEVELOPMENT AND SMALL MINORITY BUSINESS										
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014				2015
I. Provide Small and Minority Business Equal Access to Procurement/Business Opportunities										
1) Dedicate staff to interface with APG in business development capacity	●								GOMA, DBED	DBED provided small business assistance through specialized programs and counseling.
II. Enhance Economic Development Assistance/Outreach										
1) Participate in relocation fairs for Fort Monmouth and other relocating agencies	●	●	●	●	●				DBED, MSDE, DHCD, MHEC, DLLR, GOMA	DBED coordinated participation of State agencies in relocation fairs. Attended events, disseminated Maryland information, answered questions and provided materials.
2) Coordinate with APG to update BRAC movement timelines as well as personnel changes and profiles	●	●	●	●	●				DBED, MDP	DBED updated timelines, personnel changes and profiles in October 2008.
3) Review and process MEDAF applications resulting from Route 40 redevelopment and transit analysis	●	●	●	●	●				DBED, DHCD, MDP, MDOT	DBED, MDP and MDOT engaged in local studies of Route 40 redevelopment that will be used for applicability of MEDAF program.



JOINT BASE ANDREWS - INFRASTRUCTURE & HOUSING										RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
ACTION	2008	2009	2010	2011	2012	2013	2014	2015				
I. Strengthen Neighborhoods												
1) Leverage Community Legacy to achieve Local Government revitalization goals (FY 2007 awards below - FY 2008 pending)										DHCD	On Schedule	DHCD's 2007, 2008, and 2009 Community Legacy awards have been made. 2010 awards are pending.
a. Prince George's - 14 Projects										DHCD	Completed	2007 awards completed.
II. Implement FY '08 Region-Specific Drinking Water & Wastewater Treatment Capital Projects												
1) Blue Plains WWTP Enhanced Nutrient Removal										MDE	On Schedule	Project is on schedule.
a. Design engineering												
b. Construction												
2) Piscataway Enhanced Nutrient Removal										MDE	Delayed	Project is delayed for one-year - WSSC is re-evaluating alternatives.
a. Design engineering												
b. Construction												

JOINT BASE ANDREWS - Transportation									
ACTION	RESPONSIBLE STATE AGENCY						PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013			2014	2015
I. Implement Strategic Roadway Investments: Near-Term Transportation Improvements									
1) Conduct traffic study to identify potential intersection improvements	SHA						Green	Study complete. Preliminary cost estimates and concepts being developed in coordination with AAFB and Prince George's County.	
II. Implement CTP Transit Project Pipeline (FY 2010-2015 Draft CTP*)									
1) Planning and engineering for assessment of BRAC transit needs	MTA						Green	Planning and engineering underway. (See p. MTA-35 of FY2010- 2015 Draft CTP)	
2) Planning for Southern Maryland mass transportation analysis	MTA						Green	Corridor preservation study underway and expected to be completed during FY10. (See p. MTA-39 of the FY2010- 2015 Draft CTP)	
3) Support LOTS for Prince George's County and Prince George's County Local Bus Program (FY 2008-2010)	MTA						Green	Support underway and continuing. Funds awarded on an annual basis. (See p. MTA-32 of the FY2010- 2015 Draft CTP)	
III. Implement CTP Highway Project Pipeline (FY 2010-2015 Draft CTP*)									
1) Construct new interchange at MD 4 and Suitland Parkway	SHA						Yellow	Project deferred due to national economic conditions. (See p. SHA-PG-15 of the FY2010-2015 Draft CTP)	
a. Planning and engineering	SHA						Green	Planning complete. Engineering underway, and expected to be completed by spring 2010.	
b. Right-of-way	SHA						Green	Right-of-way acquisition of properties underway.	
c. Construction	SHA						Yellow	Construction deferred due to national economic conditions.	

*Time Frame for Project Pipeline is only from FY 2010-2015, the Draft CTP Period



NATIONAL NAVAL MEDICAL CENTER (BETHESDA NAVAL HOSPITAL) - INFRASTRUCTURE & HOUSING										
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014				2015
I. Expand Affordable and Workforce Housing Opportunities										
1) Prioritize rental housing funds/LIHTC to reflect BRAC projects (FY 2007 awards below)									DHCD	DHCD updated the Qualified Allocation Plan includes extra points for BRAC related projects in the award of Federal Low Income Housing Tax Credits.
a. Dale Drive	.....●								DHCD	2007 Awards completed.
b. Wheaton Metro Kiss and Ride Development	.....●								DHCD	2007 Awards completed.
c. Takoma Park Preservation	.....●								DHCD	2007 Awards completed.
II. Strengthen Neighborhoods										
1) Leverage Community Legacy to achieve Local Government revitalization goals (FY 2007 awards below - FY 2008 pending)									DHCD	DHCD's 2007, 2008, and 2009 Community Legacy awards have been made. 2010 awards are pending.
a. Montgomery - 5 Projects	.....●								DHCD	2007 Awards completed.



NATIONAL NAVAL MEDICAL CENTER (BETHESDA NAVAL HOSPITAL) - TRANSPORTATION										
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014				2015
I. Promote Transportation Alternatives - Transit, Carpool and Vanpool										
1) Conduct feasibility study for new Medical Center metrorail station entrance			●						MTA	Study underway, completion Fall 2009. (See p. WMATA-3 of FY2010- 2015 Draft CTP)
2) Emphasize transit improvements, given a heavily urbanized setting			●						MTA	Discussions underway.
a. Evaluate potential WMATA bus service adjustments and improvements			●						MTA	Evaluation underway. WMATA study kicked off in September 2008. (See p. WMATA-3 of FY2010- 2015 Draft CTP)
b. Support local evaluation of direct shuttle service on base			●						MTA	MDOT is actively engaged with the Navy in evaluating and improving shuttle bus service from Medical Center Metro Station.
II. Implement Strategic Roadway Investments: Near-Term Transportation Improvements										
1) Conduct traffic study to identify needed intersection improvements			●						SHA	Study complete. Four intersections near NNMC were prioritized for project development based on proximity to the base and projected future traffic operations, and are currently in design: MD 355 @ Cedar Lane; MD 355 @ Jones Bridge Road; MD 185 @ Jones Bridge Road; MD 187 @ Cedar Lane. (See p. SHA-SW-6 of the FY2010-2015 Draft CTP)
a. MD 355 @ Cedar Lane			●							Traffic Study Complete. Currently in design.
b. MD 355 @ Jones Bridge Road			●							Traffic Study Complete. Currently in design.
c. MD 355 @ South Wood Road			●							Intersection was studied and determined it would not "fail" as a result of BRAC. SHA will continue to monitor traffic operations and patterns as BRAC workers populate the installation.



NATIONAL NAVAL MEDICAL CENTER (BETHESDA NAVAL HOSPITAL) - TRANSPORTATION											
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015			
d. MD 185 @ Jones Bridge Road	■	●								SHA	Traffic Study Complete. Currently in design.
e. MD 187 @ Cedar Lane	■	●									
III. Implement CTP Transit Project Pipeline (FY 2010-2015 Draft CTP*)											
1) Planning and engineering for assessment of BRAC transit needs	●	●	●	●						MTA	Project underway. (See p. MTA-35 of the FY2010- 2015 Draft CTP)
2) Support LOTS for Montgomery County and Montgomery County's Local Bus Program (FY 2008-2010)	●	●	●	●						MTA	Support underway. Funds are awarded on an annual basis. (See p. MTA-29 of the FY2010- 2015 Draft CTP)
IV. Provide Technical Analysis											
1) Review locally-proposed Capital Beltway access improvements, including feasibility and operational issues	■	●								SHA	Project complete. Technical paper available at http://www.mdot.state.md.us/Planning/brac/9-9_brac_updates/FINAL%20slimp%20ramp%20paper%20with%20cover%20letter.pdf .



NATIONAL NAVAL MEDICAL CENTER (BETHESDA NAVAL HOSPITAL) - ECONOMIC DEVELOPMENT & SMALL MINORITY BUSINESS										
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015		
I. Enhance Economic Development Assistance/Outreach										
1) Assess need for off-site lodging to support NNMC accommodations									DBED	In concurrence with local jurisdiction, assessment of lodging not currently needed. Monitoring of need to be reviewed annually.



FORT DETRICK - INFRASTRUCTURE & HOUSING											
ACTION	YEAR							RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014				2015
I. Expand Affordable and Workforce Housing Opportunities											
1) Prioritize rental housing funds/LIHTC to reflect BRAC projects (FY 2007 awards below)									DHCD	Completed	DHCD updated the Qualified Allocation Plan to include extra points for BRAC related projects in the award of Federal Low Income Housing Tax Credits.
a. Frederick Revitalization									DHCD	Completed	2007 Award completed.
II. Strengthen Neighborhoods											
1) Leverage Community Legacy to achieve Local Government revitalization goals (FY 2007 awards below - FY 2008 pending)									DHCD	In Progress	DHCD's 2007, 2008, and 2009 Community Legacy awards have been made. 2010 awards are pending.
a. Frederick - 4 Projects									DHCD	Completed	2007 Award completed.
III. Implement FY '08 Region-Specific Drinking Water & Wastewater Treatment Capital Projects											
1) Ballenger Enhanced Nutrient Removal									MDE	In Progress	Project is on schedule (4-year construction contract).
a. Design engineering											
b. Construction											



FORT DETRICK - INFRASTRUCTURE & HOUSING										
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015		
2) Frederick Enhanced Nutrient Removal										
a. Design engineering										
b. Construction										
								MDE		Project is on schedule.

FORT DETRICK - TRANSPORTATION										
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015		
I. Implement Strategic Roadway Investments: Near-Term Transportation Improvements										
1) Conduct traffic study to identify potential intersection improvements	●								SHA	Project is on schedule.
2) Review signal system along US 40 from US 15 to Waverly Drive	●								SHA	Project is complete.
II. Implement CTP Transit Project Pipeline (FY 2010-2015 Draft CTP*)										
1) Support LOTS for Frederick County (FY 2008 - 2010)	●	●	●	●					MTA	Project is under Annual Review.
III. Implement CTP Highway Project Pipeline (FY 2010-2015 Draft CTP*)										
1) Planning and engineering for US 15 – New interchange at Monocacy Boulevard/Christopher Crossing	●	●	●	●					SHA	Memorandum of Understanding with City of Fredrick and Fredrick County to move forward with Design and Engineering executed in late 2009.

*Time Frame for Project Pipeline is only from FY 2010-2015, the Draft CTP Period



FORT DETRICK - WORKFORCE DEVELOPMENT & EDUCATION											
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015			
I. Facilitate Growth of Higher Education BRAC Programs											
1) Assess feasibility of creating regional higher education and research and development center to serve Ft. Detrick community									MHEC		Combined study completed and published in October 2009.

FORT GEORGE G. MEADE - INFRASTRUCTURE & HOUSING										
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014				2015
I. Enhance Information										
1) Provide technical support and comments to Ft. Meade regional housing study	●								DHCD	DHCD participated in review panel for the Fort George G. Meade area housing market analysis conducted by Sage Policy Group. Analysis commenced March 2008 and is ongoing.
II. Expand Affordable and Workforce Housing Opportunities										
1) Prioritize rental housing funds/LIHTC to reflect BRAC projects (FY 2007 awards below)					●				DHCD	DHCD updated the Qualified Allocation Plan to include extra points for BRAC related projects in the award of Federal Low Income Housing Tax Credits.
a. Annapolis Gardens - Bowman Court		●							DHCD	2007 Awards completed.
b. Cherrydale Apartments	●								DHCD	2007 Awards completed.
c. Poppleton Phase II	●								DHCD	2007 Awards completed.
d. Francis House aka Jenkins House	●								DHCD	2007 Awards completed.
e. Ellicott Gardens	●								DHCD	2007 Awards completed.
f. Steven's Forest Apartments	●								DHCD	2007 Awards completed.



FORT GEORGE G. MEADE - INFRASTRUCTURE & HOUSING											
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015			
2) Determine and implement appropriate BRAC related incentives for Baltimore City									DHCD		DHCD announced a match of the \$3,000 provided by Baltimore City to 100 households each year as part of the LIVE Baltimore and Baltimore City "Buy into Baltimore" tours. To be eligible for the State funds, households would need to participate in the Maryland Mortgage Program.
III. Strengthen Neighborhoods											
1) Leverage Community Legacy to achieve Local Government revitalization goals (FY 2007 awards below - FY 2008 pending)									DHCD		DHCD's 2007, 2008, and 2009 Community Legacy awards have been made. 2010 awards are pending.
a. Baltimore City - 18 Projects									DHCD		2007 Awards completed.
b. Howard - 1 Project									DHCD		2007 Awards completed.
c. Anne Arundel - 3 Projects									DHCD		2007 Awards completed.
2) Assist local economic and small business development through Neighborhood BusinessWorks (2007 projects reflected)									DHCD		Ongoing effort based on the feasibility of project.
a. Washington Village/ Pigtown Neighborhood Planning Council									DHCD		2007 Awards completed.



FORT GEORGE G. MEADE - INFRASTRUCTURE & HOUSING											
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015			
b. Federal Hill Main Street, Inc.	.....●									DHCD	2007 Awards completed.
c. Govanstowne Business Association	.....●									DHCD	2007 Awards completed.
d. Waverly Main Street	.....●									DHCD	2007 Awards completed.
e. Fell's Point Development Corporation	.....●									DHCD	2007 Awards completed.
f. Pennsylvania Avenue Redevelopment Collaborative, Inc.	.....●									DHCD	2007 Awards completed.
g. Jonestown Entrepreneur Center	.....●									DHCD	2007 Awards completed.
IV. Implement FY '08 Region-Specific Drinking Water & Wastewater Treatment Capital Projects											
1) Annapolis WWTP Enhanced Nutrient Removal	.....●									MDE	Delayed; County extended design phase.
a. Design engineering●										
b. Construction	●									

FORT GEORGE G. MEADE - INFRASTRUCTURE & HOUSING											
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015			
2) Bowie WWTP Enhanced Nutrient Removal	●						MDE	Project is on schedule.
a. Design engineering●										
b. Construction		-----●									
3) Broadneck WWTP Enhanced Nutrient Removal		-----●								MDE	Project is delayed - County extended design phase.
a. Design engineering		-----●									
b. Construction			-----●								
4) Cox Creek WWTP Enhanced Nutrient Removal	●						MDE	Project is delayed - County extended design phase to be followed by two construction contracts.
a. Design engineering●										
b. Construction		-----●									
5) Dorsey Run WWTP Enhanced Nutrient Removal	●						MDE	Project is on schedule.
a. Design engineering●										
b. Construction		-----●									



FORT GEORGE G. MEADE - INFRASTRUCTURE & HOUSING											
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015			
6) Mayo WWTP Biological Nutrient Removal	[Gantt chart showing design engineering from 2008 to 2011 and construction from 2011 to 2012]								MDE	[Yellow]	Project is delayed due to discussion of outfall location and public input.
a. Design engineering	[Gantt chart showing design engineering from 2008 to 2011]										
b. Construction	[Gantt chart showing construction from 2011 to 2012]										
7) Parkway WWTP Enhanced Nutrient Removal	[Gantt chart showing design engineering from 2008 to 2011 and construction from 2011 to 2012]								MDE	[Yellow]	Project is delayed - WSSC is re-evaluating the alternatives.
a. Design engineering	[Gantt chart showing design engineering from 2008 to 2011]										
b. Construction	[Gantt chart showing construction from 2011 to 2012]										
8) Patapsco WWTP Biological & Enhanced Nutrient Removal	[Gantt chart showing design engineering from 2008 to 2011 and construction from 2011 to 2012]								MDE	[Green]	Project is on schedule (three construction contracts to be completed in four years).
a. Design engineering	[Gantt chart showing design engineering from 2008 to 2011]										
b. Construction	[Gantt chart showing construction from 2011 to 2012]										
9) Western Branch WWTP Enhanced Nutrient Removal	[Gantt chart showing design engineering from 2008 to 2011 and construction from 2011 to 2012]								MDE	[Green]	Project is on schedule (three-year construction contract).
a. Design engineering	[Gantt chart showing design engineering from 2008 to 2011]										
b. Construction	[Gantt chart showing construction from 2011 to 2012]										
10) Freedom District Enhanced Nutrient Removal	[Gantt chart showing design engineering from 2009 to 2012 and construction from 2012 to 2013]								MDE	[Green]	Project is on schedule.
a. Design engineering	[Gantt chart showing design engineering from 2009 to 2012]										
b. Construction	[Gantt chart showing construction from 2012 to 2013]										

FORT GEORGE G. MEADE - INFRASTRUCTURE & HOUSING										
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014				2015
V. Support Environmental BRAC Processes										
1) Complete BRAC-related elements of Coastal Plain aquifer assessment	.....●								MDE	Project is complete.
2) Complete BRAC-related elements of Piedmont aquifer assessment	.....●								MDE	Project is complete.



FORT GEORGE G. MEADE - TRANSPORTATION												
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014	2015				
I. Promote Transportation Alternatives - Transit, Carpool and Vanpool												
1) Evaluate additional direct transit service to Fort Meade through Local Bus (LOTS) Anne Arundel and Howard transit development plans			●							MTA	Green	Anne Arundel and Howard Transit Development Plans (TDP) completed.
II. Implement Strategic Roadway Investments: Near-Term Transportation Improvements												
1) Conduct traffic study to identify potential intersection improvements		●								SHA	Green	SHA completed study. Six intersections near Fort George G. Meade were prioritized for project development based on proximity to the base and projected future traffic operations. Currently in design: MD 175 @ MD 713/Rockenback Road; MD 175 @ MD 174 (Reece Road); MD 175 @ Maps Road; MD 175 @ Max Blobs Park Road/Clark Road; MD 175 @ Disney Road; MD 174 @ Severn Road. (See p. SHA-SW-5 of the FY2010-2015 Draft CTP)
III. Implement CTP Transit Project Pipeline (FY 2010-2015 Draft CTP*)												
1) Planning for Odenton MARC Station - structured 2,500+ space parking garage						MTA	Yellow	Project delayed until TOD projects are defined, as discussions are ongoing regarding private TOD development.
2) Planning for Baltimore Washington Investment Corridor Study, to include MARC market and capacity analyses (Greenbelt to BWI)						MTA	Green	Draft report completed. (See p. MTA-45 of the FY2010-2015 Draft CTP). Additional evaluation to follow.
3) Central Maryland Transit Facility, Ft. Meade						MTA	Green	Project planning continuing. (See p. MTA-38 of the FY2010- 2015 Draft CTP)



FORT GEORGE G. MEADE - TRANSPORTATION											
ACTION									RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014	2015			
a. Planning and engineering				●						MTA	Howard County is leading the review of alternative sites with assistance from MTA.
4) Support LOTS for Anne Arundel and Howard counties (FY 2008-2009)			●							MTA	Funds awarded based on an annual application cycle. (See p. MTA-29 of the FY2010- 2015 Draft CTP). 2 buses to A.A. CO., via ARRA funding
5) Planning and engineering for assessment of transit needs for BRAC: Ft. Meade-related studies				●						MTA	Underway. (See p. MTA-35 of the FY2010-2015 Draft CTP)
a. Conduct BRAC commuter bus study (to assess direct routes into Ft. Meade and associated Park & Ride lots)				●							
IV. Implement CTP Highway Project Pipeline (FY 2010-2015 Draft CTP*)											
1) Planning study for MD 175 from MD 170 to MD 295				●						SHA	Project Planning underway, anticipated completion, FY 10. Partial Engineering to follow. Not funded for Design, right-of-way, or Construction. (See p. SHA-AA-5 of the FY2010-2015 Draft CTP)
2) Planning study for MD 198, from MD 295 to MD 32		●								SHA	Project Planning Underway. Anticipated completion in Winter 2010/2011. Location/ Design Public Hearing and Approval expected in 2009. Not funded for Design, right-of-way or Construction. (See p. SHA-AA-6 of the FY2010- 2015 Draft CTP)

*Time Frame for Project Pipeline is only from FY 2010-2015, the Draft CTP Period



FORT GEORGE G. MEADE - WORKFORCE DEVELOPMENT AND EDUCATION											
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS	
	2008	2009	2010	2011	2012	2013	2014				2015
I. Customize, Create and Expand Workforce Programs											
1) Establish Transition/One-Stop Career Center at DISA in Northern Virginia to provide employment and transition assistance	◆	●						DLLR	■	DLLR opened three Maryland Transition/One-Stop Career Center kiosks in 2008.
2) Assess feasibility of expanding higher education opportunities to serve Ft. Meade community	◆	●						MHEC	■	Combined study completed and published in October 2009.

FORT GEORGE G. MEADE - ECONOMIC DEVELOPMENT AND SMALL MINORITY BUSINESS										
ACTION								RESPONSIBLE STATE AGENCY	PROJECT STATUS	COMMENTS
	2008	2009	2010	2011	2012	2013	2014				2015
I. Provide Small and Minority Business Equal Access to Procurement/Business Opportunities										
1) Dedicate staff to interface with Ft. Meade in business development capacity	●								GOMA, DBED	DBED provided small business assistance through specialized programs and counseling.
II. Enhance Economic Development Assistance/Outreach										
1) Participate in relocation fairs for DISA, ATEC and other relocating agencies	●	●	●	●					DBED, MSDE, DHCD, MHEC, DLLR, GOMA	DBED coordinated participation of state agencies in relocation fairs. Attended events, disseminated information about Maryland, answered questions and provided materials.
2) Coordinate with Ft. Meade to update BRAC movement timelines as well as personnel changes and profiles	●	●	●	●					DBED, MDP	OMFA updates and disseminates BRAC movement timelines, personnel needs and profiles on regular basis.