

David R. Craig, County Executive

James C. Richardson, Director
Office of Economic Development

HARFORD COUNTY'S **BRAC** IMPLEMENTATION





BRAC IMPLEMENTATION

**Welcome and
Introductions
Jim Richardson
Economic Development Director**



BRAC IMPLEMENTATION

**Aberdeen Proving Ground Update
Colonel Jeffrey S. Weissman
Garrison Commander
Aberdeen Proving Ground**

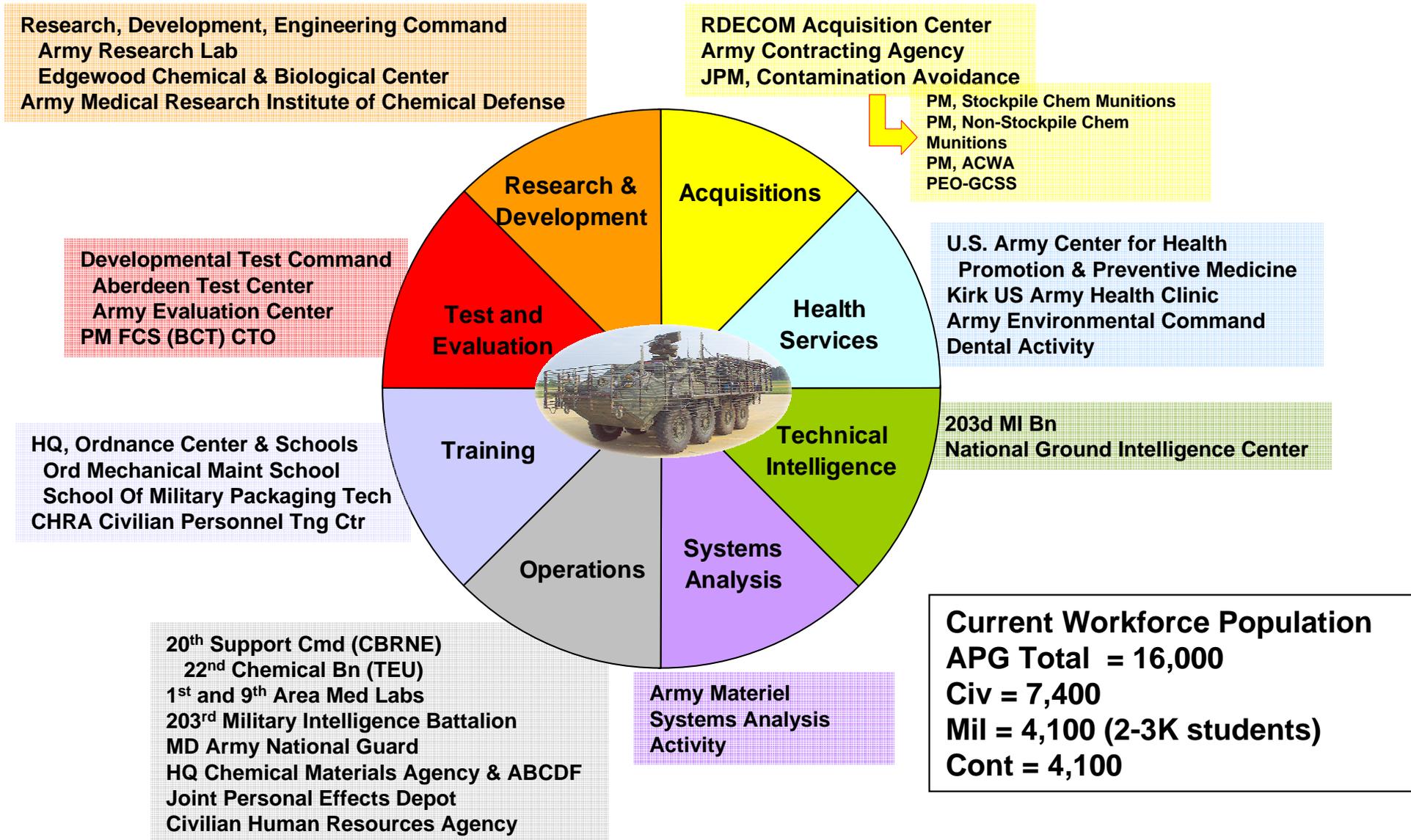
APG 2012: Not **Just** BRAC

2012 FOCUS

- Mission
- Facilities and Infrastructure
- Quality of Life
- Human capital



Installation View Today



BRAC Law

APG Outgoing Organizations

**US Army Ordnance Center and Schools
to Ft Lee, VA**

*Creates Synergy for Soldier Training
Center of Excellence*

**US Army Environmental Center
to Ft Sam Houston, TX**

Synergy Gained by Joining Headquarters

**Pre-Deployment/ Mobilization Mission
No positions – mission move to Ft Dix, NJ**

Centralizes Mission

APG Incoming Organizations

BRAC Law

Team C4ISR

Command, Control, Communication,
Computers, Intelligence, Surveillance &
Reconnaissance
From Fts Monmouth, Belvoir
& Redstone Arsenal

- CECOM-LCMC *Brings C4ISR*
- CERDEC *Center of Excellence*
- PEO IEW&S *Creates Synergy and*
- PEO C3T *Enhances APG RDT&E*
- PM C3AT

Chem/Bio R&D Organizations

From various locations

- Med Chem Def Res from Walter Reed Army Institute of Research
- Defense Threat Reduction Agency
- Joint Prog Executive Office
- Non-Med Chem Bio Def Res from Brooks City AFB

*Enhances APG Joint Chem/Bio
R&D Center of Excellence*

US Army Test and Evaluation Command

From Alexandria, VA

- AEC *Enhances Current RDT&E-
Brings Headquarters to existing
APG Tenants*

Army Research Institute

From
Ft Knox, KY

*Enhances Current
Human Engineering
and Training*

US Army Research Laboratory, Vehicle Technology Directorate

From Langley, VA/Glenn, OH

*Enhances APG Vehicle RDT&E Mission
Joins existing ARL Family*

Installation View of 2012

**APG inbound organizations
enhance current RDT&E missions
directly supporting
the Warfighter**



• Population 2012

- approx 8200 new positions at APG
- approx 4400 net personnel gain
- approx 22K post BRAC total workforce
- Up to approx 3K estimated for Maryland Blvd

• Infrastructure 2012 - Additional BRAC Space

- RDT&E administrative/specialty space = approx 1.5M sq ft
- Laboratory = approx 1.3M sq ft
- includes renovation of current space + new construction

APG Current BRAC Infrastructure Project Execution



- **715 Gate in Aberdeen Area - Movement & Upgrade**
 - Construction Just beginning
 - Expected completion late Fall/early Winter
 - Upon completion, Ruggles Gulf Course entrance will be outside gate
- **24 Gate in Edgewood Area & 22 Gate in Aberdeen Area**
 - In contracting phase
 - Construction to begin Summer 2008, expected completion Summer 2009
- **Roads and Intersections on post in Aberdeen Area**
 - Contract awarded
 - Construction to begin Spring 2008 , expected completion Fall 2008
- **Information Technology Upgrades in both Aberdeen and Edgewood Areas**
 - Contract awarded
 - Construction to begin Spring 2008, expected completion Fall 2011
- **Aberdeen & Magnolia Road Gates open during construction periods**
 - Information will be published as to hours and days of operation prior to commencement

APG Current BRAC Project Execution

- **C4ISR Campus in the Aberdeen Area to accommodate approximately 7000 positions from Ft Monmouth, Ft Belvoir, Ft Knox & Redstone Arsenal**
 - Phase 1
 - New construction of approximately 1.5 million square feet of facility
 - Contract awarded to Joint Venture Tompkins, Turner, Grunley & Kinsley in September 2007
 - Design is at 35% with site work to begin Spring 08
 - Expected completion Fall 2010
 - Phase 2
 - Combination of new construction & reuse of approximately 1 million square feet of facility
 - Design contracts have been awarded
 - Construction contracts will be awarded in Fall/Winter 2008
- **Army Test & Evaluation Command Headquarters**
 - Will be located in Aberdeen Area
 - Approximately 142,000 square feet of new construction
 - Contract scheduled for awarded Fall 2008



APG Current BRAC Project Execution

- **Army Research Laboratory Vehicle Technology Facility**
 - Will be located in Aberdeen Area
 - Approximately 187,000 square feet of new construction
 - Construction contract scheduled for award Summer 2009
- **Non-Medical Chemical Biological Defense Facility**
 - Will be in Edgewood Area
 - Approximately 113,000 square feet of new construction
 - Contract scheduled for award Fall 2008
- **Army Medical Research Institute for Chemical Defense**
 - Will be in the Edgewood Area
 - Joint recapitalization project and BRAC
 - Approximately 500,000 square feet of new construction
 - Design is at 35%
 - Construction contract scheduled for award Summer 2009

Personnel Movement

- Outgoing
 - To begin late Summer 2009
 - Majority move in 2010
 - Must be completed by September 2011
- Incoming
 - Has begun
 - Will increase with majority second half of 2010 and 2011 once facilities are constructed

Aberdeen Town Hall

Business Initiatives

APG 2012 *Tools/Initiatives*

- **Enhanced Use Lease (EUL)**
 - Maryland Boulevard EUL (G.A.T.E.)
 - 400+ acres of lease area
 - Up to 3 million sq ft of Office/ R&D Campus
 - 3,000 potential personnel at full build out
- **Residential Community Initiatives (RCI)**
 - Retention of 312 units in AA & 21 units in EA of 1,006 in current inventory
 - Implementation scheduled August 2009
- **Develop new AAFES Master Plan**
 - Account for evolving work force
 - Retain key services for Soldiers, families, and retirees
 - Enhance Quality of Life for all



Aberdeen Town Hall

Quality of Life

APG 2012 Tools/Initiatives

- **Development of Shore Park (EUL in-kind service)**
 - Camp sites, cabins, RV hook-ups
 - FY09-12 completion
- **Additional Child Development Center**
 - 144 capacity center; adjacent to current Aberdeen Area Center
 - Projected completion FY09
- **Golf Course Revitalization**
 - Golf profits drive other FMWR activities
 - Initiatives/enhancements FY08/09
 - Grand Re-opening Spring 09
 - New entrance outside APG Gate



Jobs at APG



Army Civilian Jobs

- **Chesapeake Science and Security Corridor**
www.apg-cssc.com
- **Army Civilian Personnel**
www.cpol.army.mil
- **Maryland Workforce Exchange**
www.mwejobs.com
- **US Army Test and Evaluation Command**
www.atec.army.mil/careers/atec_jobs.htm
- **Federal Business Opportunities**
www.fedbizopps.gov
- **USA Jobs**
www.usajobs.gov
- **Susquehanna Workforce Network**
www.swnetworking.org
- **US Army Research Institute**
www.hqda.army.mil/ari/opps/employment.shtml

Small Business/ Contractor Opportunities

- *US Army Corp of Engineers*
www.nab.usace.army.mil/BRAC/index.htm
- *APG Business Development Office*
ww.stb.apg.army.mil/BDO/index.htm
(410) 273-5062
- *Federal Business Opportunities*
www.fedbizopps.gov
- *Army Contracting Agency, Small Business Office, APG*
www.apg.army.mil/apghome/sites/installations/sadbu.asp
(410) 278-1519

APG - Relevant and Ready Posturing for APG 2012



End of Brief

INSTALLATION MANAGEMENT COMMAND



“Sustain, Support and Defend”



BRAC IMPLEMENTATION

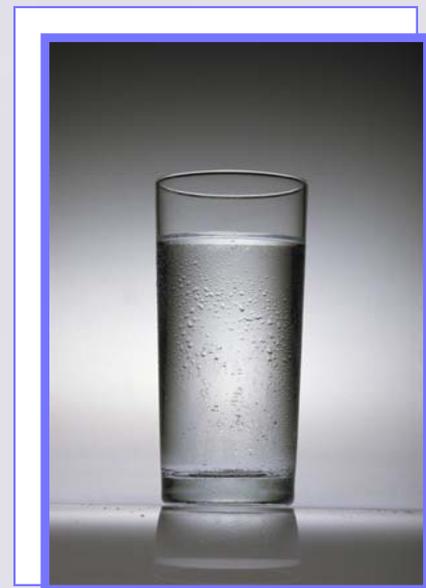
Water Authority and Land Use Update

**David R. Craig, Harford County
Executive**

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WATER AUTHORITY

- Meeting with municipalities to develop program
- Expand water service within the development envelope
- Maintain quality and costs to the consumer



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- Completed Community Service Facility – Level of Service Study
 - Study was based on BRAC projections and identifies future county projects to maintain levels of service to our citizens



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LAND USE

- Zoning Code Rewrite
 - Workshop will wrap up in April
 - Public input phase to begin in June
 - Rewriting Zoning rules and regulations has been a major accomplishment
 - Code will be delivered to the County Council for action Fall 2008



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INFRASTRUCTURE

- Preparing for BRAC families while maintaining our quality of life for our citizens
 - Public facilities and community services
 - Roads
 - Public Transportation
 - Public Safety
 - Education



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Transportation – Roads
Bob Cooper, DPW Director

TRANSPORTATION

Maryland SHA

BRAC Intersection Improvement Study

“Major State Highway Intersection Improvements
Leading to Access Gates to APG”

Short-Term

23 Intersections studied around APG

8 Intersections considered critical

- \$12.5 million for right-of-way
- \$115.0 million needed to construct
all of the critical intersections

TRANSPORTATION

- US Rt 40 and Rt 715
 - Finalize plan and design 2008
 - Construction complete 2011
- Rt 22/Beards Hill Rd & Rt 22 and Rt 462
 - Finalize plan 2008
 - Construction complete 2011

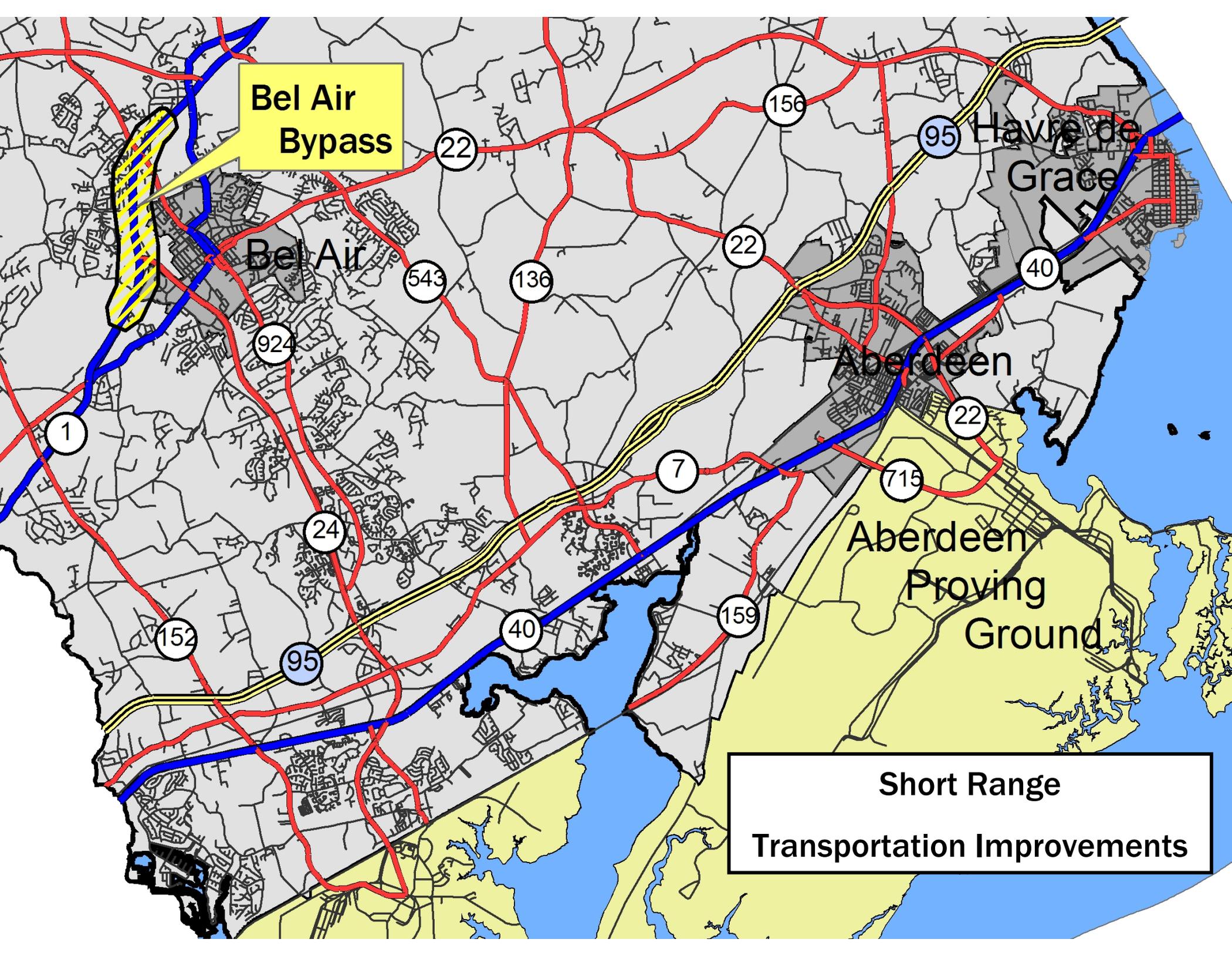
TRANSPORTATION PRIORITIES 2008 LEGISLATIVE YEAR BRAC IMPLEMENTATION AT APG

ROADS

Short term

- Prioritized intersections, per SHA's BRAC Transportation Study-2007 (request from State Delegation)
 - (Design funds secured by Congressional delegation-2008)
- Dualization of Route 1 Bypass, finalize plan 2009
- Construction complete 2012





**Bel Air
Bypass**

Bel Air

**Havre de
Grace**

Aberdeen

**Aberdeen
Proving
Ground**

**Short Range
Transportation Improvements**

TRANSPORTATION PRIORITIES 2008 LEGISLATIVE YEAR BRAC IMPLEMENTATION AT APG

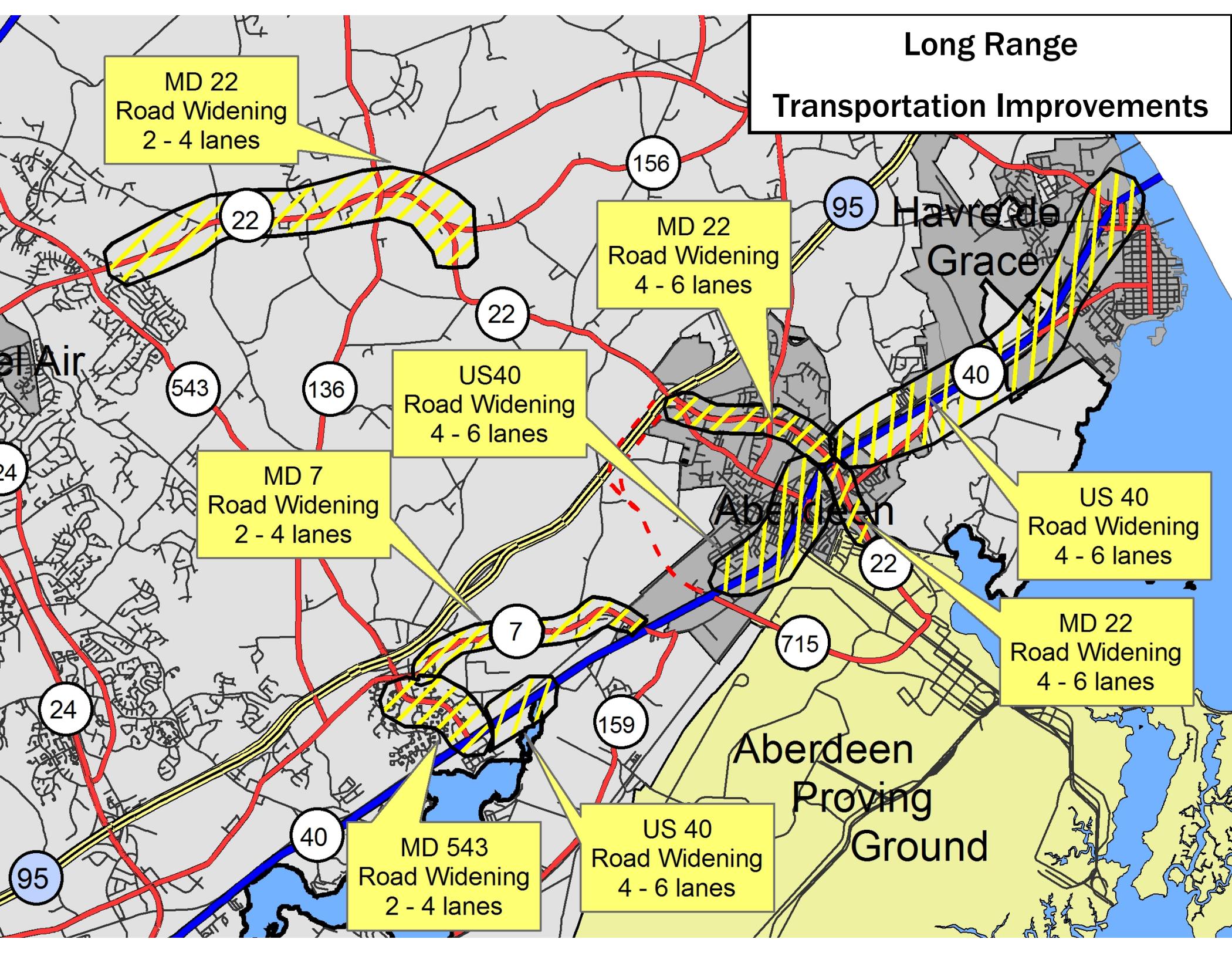
ROADS

Long term

- MD 22 from APG Gate to MD 543
- MD 7 from MD 543 to U.S. 40
- MD 715 Extended from APG Gate to MD 22



Long Range Transportation Improvements



TRANSPORTATION CONCLUSIONS

- \$2 million has already been requested, and approved, to initiate the preliminary engineering and design of the 8 most critical intersections
- In this budget cycle, an additional \$12.5 million is being requested to acquire the necessary right-of-way for these intersections
- Programmed funds in the Maryland six-year CTP are only sufficient to complete the US40 / MD715 interchange. All other intersections are overlooked

BRAC IMPLEMENTATION



Multi-Modal
Mayor Michael Bennett
City of Aberdeen

Aberdeen Train Station

Mayor Mike Bennett and County Executive David Craig met with morning commuters to understand their concerns about parking and services available to them at the station

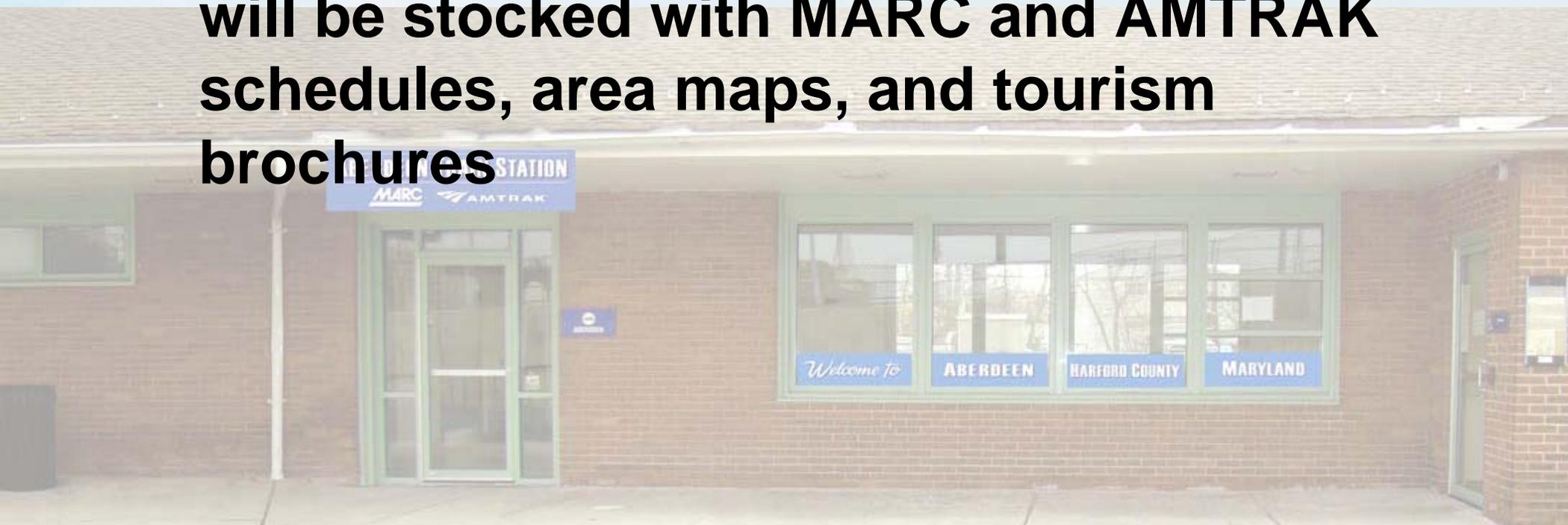
As a result of the meeting immediate action was taken to resolve some of the issues



Aberdeen Train Station

The following actions are currently underway:

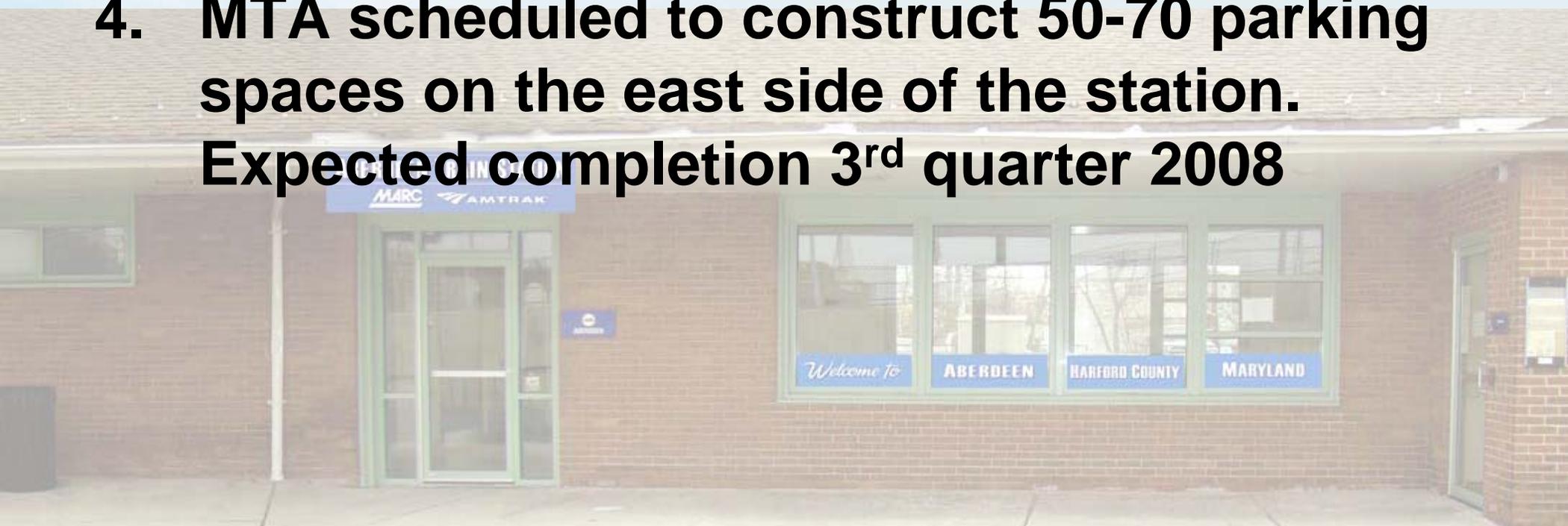
1. Harford County has designed, ordered, and is waiting for the arrival of new signage
2. Harford County installing new kiosks that will be stocked with MARC and AMTRAK schedules, area maps, and tourism brochures



Aberdeen Train Station

The following actions are currently underway:

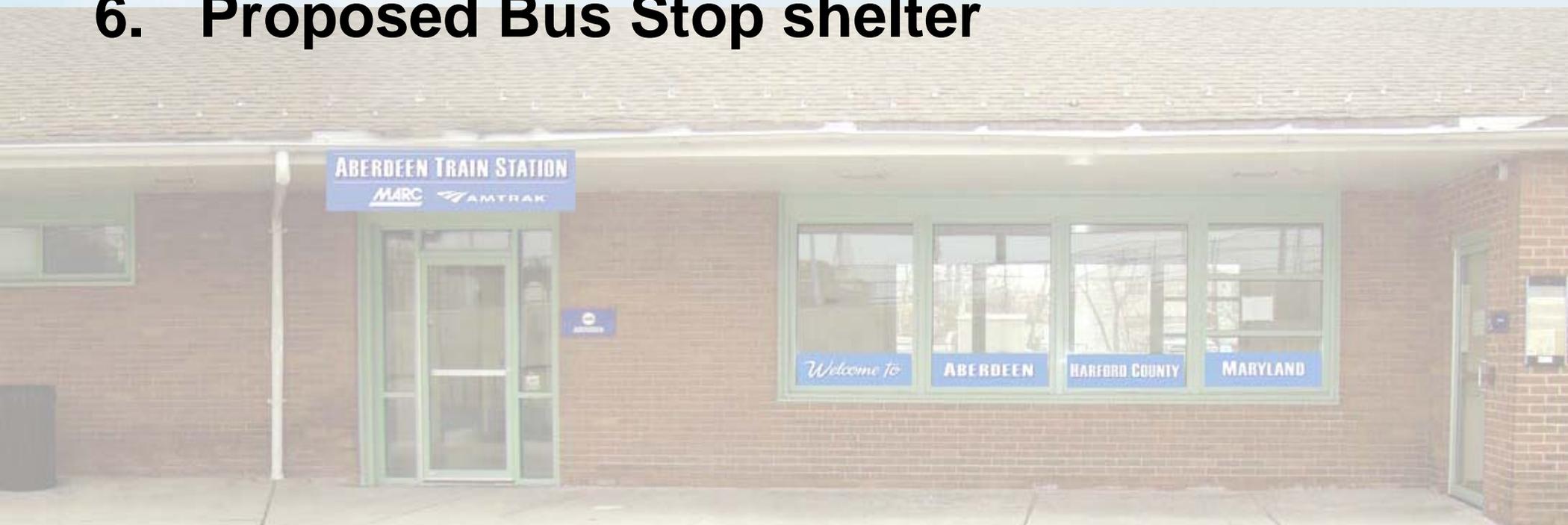
- 3. The City of Aberdeen will be restriping parking lines and evaluating potential for additional parking spaces**
- 4. MTA scheduled to construct 50-70 parking spaces on the east side of the station. Expected completion 3rd quarter 2008**



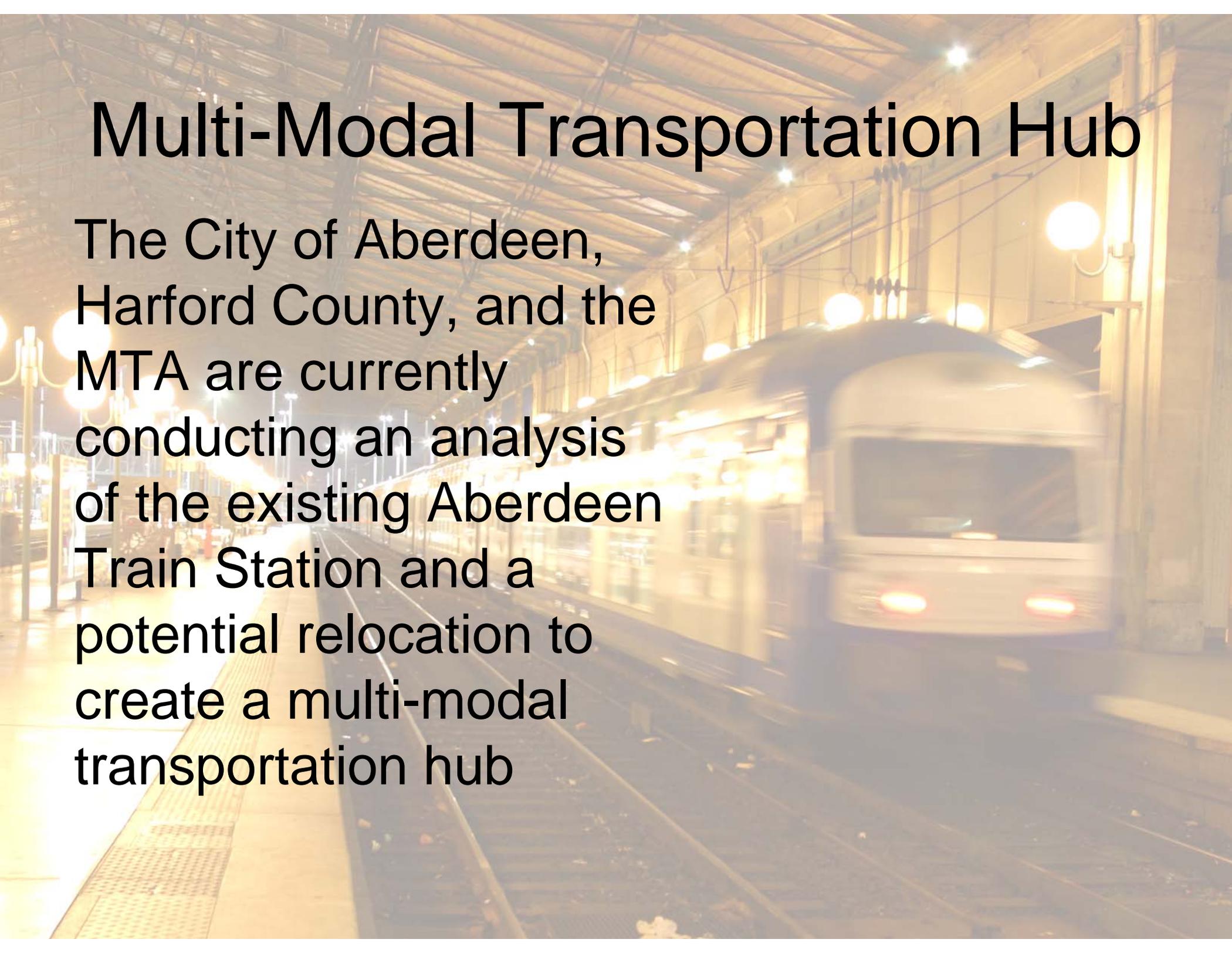
Aberdeen Train Station

The following actions are currently underway:

5. The City of Aberdeen's police department continues to work with Amtrak police to improve safety for commuters
6. Proposed Bus Stop shelter



Multi-Modal Transportation Hub

A blurred high-speed train is shown at a station platform. The train is white with a dark front and is moving from right to left. The platform is lit with warm yellow lights, and the station's architecture is visible in the background. The overall scene is slightly out of focus, emphasizing motion.

The City of Aberdeen, Harford County, and the MTA are currently conducting an analysis of the existing Aberdeen Train Station and a potential relocation to create a multi-modal transportation hub

Redevelopment

The proposed feasibility study will include an adaptive re-use plan for the existing Aberdeen Train Station site





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**Harford Community College &
Higher Education and
Conference Center
Ms. Marlene Lieb, HCC**

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STEM Division at HCC CURRENT

- Biology
- Chemistry
- Astronomy
- Mechanical Engineering
- Physics
- Environmental Science
- College-level Math

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STEM Division at HCC FUTURE

- Engineering Technology Degree
- Software Engineering Degree
- Electrical/Computer Engineering Degree
- Biotechnology Degree

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Information Technology/ Computer Systems

- ISS Degree & Certification
- CADD/3D
- Multiple Non-Credit Computer Certifications (Oracle, Cisco)
- Software Engineer for Simulation/Gaming Program

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Homeland Security Pathways CURRENT

- Computer Information Systems Security
- Biology/Physics/Chemistry Degrees
- Criminal Justice (AAS & AA Degrees)
- Paralegal Studies (AAS & Post-Baccalaureate Certificate)
- Non-Credit Computer Certifications such as Cisco
- Sheriff's Academy & APG Police Academy to TPS Associate Degree

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Homeland Security Pathways FUTURE

- Stronger in Computer Science
- Software Engineering Program
- Geography with GIS Studies



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Administration/Business/ Procurement/Accounting

- Business Administration
- Business Management
- Post-Baccalaureate Business Certificate
- Customized Corporate Training & Continuing Education

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Clerical/Administrative Assistant/Legal

- Office Systems to be Administrative Professionals Curriculum
- Offer Degree; Developing Certificate Option
- Offer Associate Degree & Post-Baccalaureate Certificate Paralegal Programs

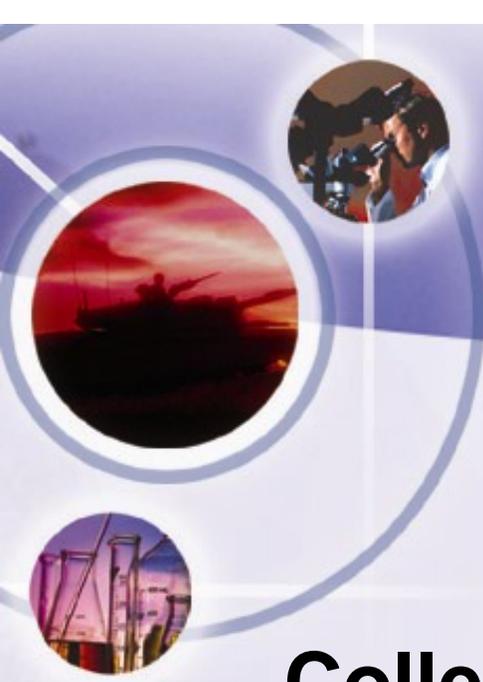


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BRAC

&

**Higher Education &
Conference Center**



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Programs Offered at HECC

College of Notre Dame

- B.S. in Nursing
- B.A. in Business: Management
- B.A. in Elementary Education
- M.A. in Leadership in Teaching
- M.A. in Management
- M.A. In Contemporary Communication



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Programs Offered at HECC

Johns Hopkins University

- M.S. in Biotechnology
- M.S. in Computer Science
- M.S. in Electrical & Computer Engineering
- M.S. in Systems Engineering
- B.S./M.S. in Police Exec. Leadership



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Programs Offered at HECC

Towson University

- B.S. in Elementary Ed/Special Ed
- B.S./B.A. in Science, Technology, Engineering, Math
- M.Ed. in Elementary, Secondary, Early Childhood
- M.S. in Instructional Technology
- M.S. in HR Development (Education Leadership Track)



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Programs Offered at HECC

Morgan State University

- Ed.D. in Community College Leadership

University of MD College Park

- M.Eng. Master of Engineering
- Graduate Certificate in Engineering

University of Phoenix

- B.S. in Information Technology
- M.B.A. in Technology Management



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University Partners: Identified Various BRAC-Related Initiatives

- **Johns Hopkins:** Graduate Engineering Program (Electrical, Environmental, Computer, Systems Engineering)
- **College of Notre Dame:** Master's in Management & Master's in Strategic Communication (Begin at Ft. Monmouth & Continue at HECC)



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University Partners: Identified Various BRAC-Related Initiatives

- **Towson University:**
 - Offers Upper-Division STEM Classes
 - Future Undergrad & Grad Programs: Business, Phys/Occupational Therapy,
 - Digital Media, Information Computer Science, Psychology, Security



BRAC IMPLEMENTATION

University Partners: Identified Various BRAC-Related Initiatives

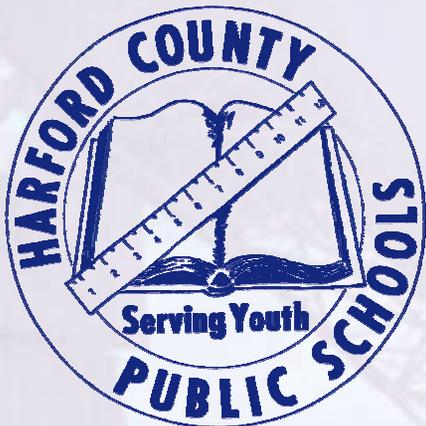
- **Towson University** (*cont'd*):
 - 23 Articulation Agreements w/HCC
 - 2+2 Programs: Begins w/ Dual BS in Elementary Ed/Special Ed (Fall '08)
 - Towson University Building on HCC's Campus
- **Morgan State University:**
 - Discussing Bachelor's in Engineering

BRAC IMPLEMENTATION

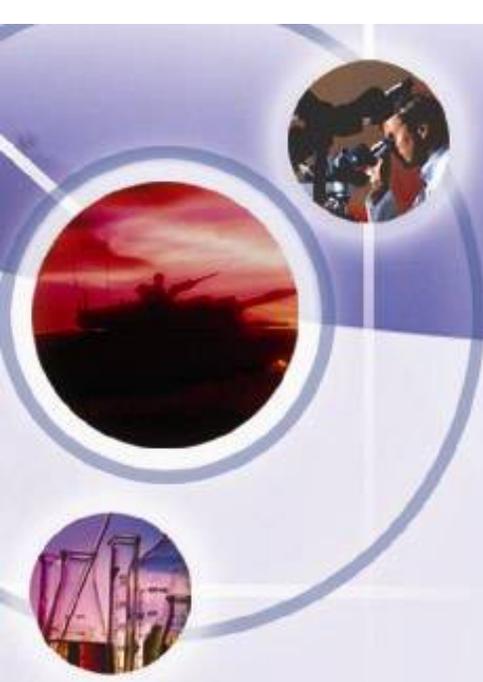
Education Overview K-12

David A. Volrath

Executive Director of Secondary Education



Harford County
Public Schools



BRAC IMPLEMENTATION

Harder courses produce gains

Harford pilot program started in 2003 results
in improvement by high school students

Baltimore Sun

9-16-2007

Payoff for science pioneers

Magnet's first class unafraid of college

Baltimore Sun

2-24-2008

Homeland security program ties

lessons to real world

Baltimore Examiner

11-27-2007

School Geared Toward Science,

Math Gets High Marks

WBAL-TV

9-14-2007

Students Learn to Be Prepared for Crises

Joppatowne High Class Teaches them how to react to emergencies

Baltimore Sun

1-20-2008

BRAC IMPLEMENTATION

Harford County Public Schools offers:

- a) A magnet technical high school
- b) A highly successful Science/Math magnet program
- c) Approved International Baccalaureate/Ag Science-Natural Resources magnet programs
- d) Approved Medical Science magnet (site pending)
- e) Several “signature” programs at various high schools
- f) The Board of Education’s endorsement of the concept of magnet programs

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Harford Technical High School

- a) Comprehensive four year high school
- b) Students apply as eighth graders from all county middle schools
- c) 19 trade/vocational programs offered
- d) Students graduates are prepared for college or to enter vocation
- e) Students often earn certification/college credits
- f) Many programs have more applicants than slots available



BRAC IMPLEMENTATION

Science and Math Academy at Aberdeen High School

- a) 200 students from all over the county grades 9 through 12
- b) First graduating class due this May
- c) Unique in its government and business partnerships
- d) Emphasis on real world applications of rigorous course material



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International Baccalaureate (IB) Program at Edgewood High School

- a) Set to open with 50 ninth graders in the 2008-09 school year
- b) High end program for students with interest in international governance, careers involving foreign service
- c) Program has been three years in the planning
- d) Highly competitive selection process based on academic performance, interest, teacher recommendations



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Agricultural Science/Natural Resources Magnet at North Harford High School

- a) Planned opening in 2010
- b) Varied program will provide college bound and vocational orientations
- c) Will include the many areas of modern agriculture
- d) Will take advantage of recently renovated facility located in historical agricultural section of county





BRAC IMPLEMENTATION

Medical Science Magnet (site undetermined)

- a) Board of Education has approved the concept of a Medical Science program
- b) Magnet would provide training for college bound and vocational orientations
- c) Will partner with the Upper Chesapeake Health Center and other medical institutions
- d) Location of magnet to be determined

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Future magnet programs under consideration

- a) Homeland Security/Emergency Preparedness
- b) Performing/Visual Arts





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Signature programs currently in operation

(Signature program is an identified pathway initiative restricted to students at a specific school)

- a) Homeland Security/Emergency Preparedness Program at Joppatowne High School
- b) Finance Academy at Edgewood High School
- c) Medical Science Program at Bel Air High School



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**Public Safety, Health and
Community Services**

Harford County Sheriff Jesse Bane

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PUBLIC SAFETY

- Personnel
 - Updated manpower needs based on demographics study.
 - To maintain current level of service - need to hire an additional 60 deputies by 2011.
- Sheriff's Office Infrastructure
 - Southern precinct, 16,000 square foot.
 - Tactical building, 7,000 square foot.
 - Architect selected; currently in design phase of project.



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PUBLIC SAFETY INITIATIVES

- Sheriff's Office continues to assist with Homeland Security & Emergency Preparedness program started this school year at Joppatowne High School.
- First group of students will soon select their designated career pathway.
- Those that select law enforcement will be attending the Harford County Sheriff's Office youth academy over the summer.
- Integral part of program prepares youth for workforce, including an awareness of what a security clearance is & how to fulfill the requirements to get a clearance.



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PUBLIC SAFETY INITIATIVES

- CountyStat
 - Sheriff's Office holding weekly CountyStat meetings.
 - Crime patterns and hotspots are identified & strategies are discussed for implementation.



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EMERGENCY OPERATIONS

- Architect hired to design larger 911 Center & Emergency Ops Center.
- Emergency Ops investigating enhancements to the Emergency Warning System in the County and the radio system used by police and fire to communicate with each other during emergencies.

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COMMUNITY SERVICES

- Community Services hosted a BRAC for Non-Profits Conference in November 2007 to prepare & inform local non-profit organizations on the impact of BRAC in our community.
- Demographic analysis completed & shared with organizations throughout county; identified needs include affordable housing, transportation and linking families to services.
- Harford Transit has begun planning process to grow transit system to accommodate BRAC-related growth by expanding service.



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Community Tours and Outreach to Incoming Organizations

Jim Richardson

Economic Development Director

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886

Working days until
BRAC Deadline

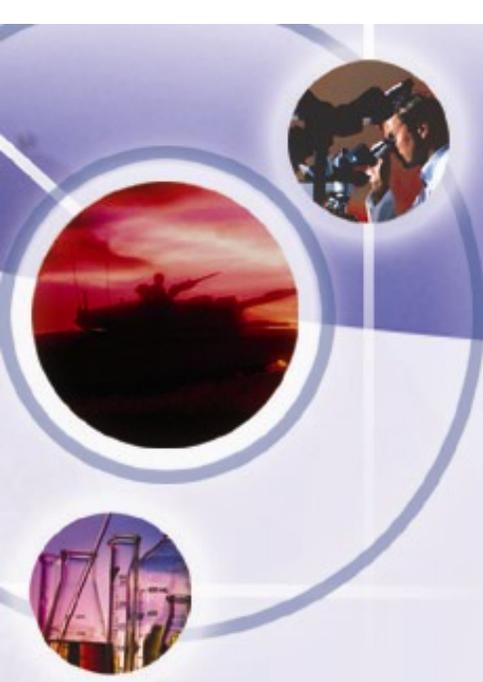


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Outreach to incoming organizations

- Economic Development is supporting 6 bus tours for Fort Monmouth employees and contractors
- OED personnel will conduct over 10 tours for private contractors prior to September 2008





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Outreach to incoming organizations

The state of Maryland in conjunction with Susquehanna Workforce Network will be opening an outreach center at Fort Monmouth, New Jersey

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Outreach to incoming organizations

- Red Box program – Fort Monmouth
- Technology Plan Update that includes BRAC data
- CSSC Grant for \$1.8 Million





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**Response to Questions
Moderated by**

County Executive David Craig

