



Northern Virginia Workforce Investment Board  
 Your One-Stop Skill Source

SKILLSOURCE  
 Your One-Stop Job Center

**Presentation to:**  
**Prince William Regional Chamber of Commerce**

**Northern VA BRAC Impacts**  
 May 2, 2007

Center for Regional Economic Competitiveness  
 CRA Center for Regional Analysis  
 George Mason University School of Public Policy

## BRAC Study Project Goals

- Determine potential impact on public services
- Assess impact on the area *to which* the personnel are being relocated, including the impact on retail, personal services that support these personnel
- Assess the impact on business services firms that support day-to-day facility operations (e.g., other "outside-the-gate" contractors)
- Determine the workforce skills needed by workers affected by direct BRAC-affected relocations and "indirect" personal and business service firms

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## Overview of BRAC Study Project

1. Establish collaboration with key DOD agencies, command units, & regional stakeholders
2. Analyze the direct and indirect impacts of the BRAC recommendations
3. Assess the impact of job shifts on training and education requirements
4. Conduct a national search of potential models
5. Identify alternative recommendations from the data generated to accomplish

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## Key BRAC Study Elements

- 1. Job Relocation Impacts
- 2. Construction Impacts
- 3. Residential Relocation Impacts
- 4. Indirect spin-off Impacts
  - Contractor spin-offs
  - Consumer goods and services spin-offs
- 5. Education and training opportunities



## Key BRAC Moves

26,128 jobs move in to NoVA WIB region  
 4,951 jobs move out of NoVA WIB region  
 21,537 jobs – Net Inbound

## In-bound Activities

Ft. Belvoir-Inbound	Jobs
Army Leased (#132)	2,720
OSD/WHS et al. (#133)	9,263
Co-locate Missile and Space Defense Agencies (MDA HQCC) (#134)	292
National Geospatial-Intelligence Agency Activities (NGA) (#168)	8,500
Realign Water Reed National Military Med Center, Bethesda, MD (#169)	2,069
Close Fort Monmouth, NJ (#5) - Elements of Program Executive Office for Enterprise Information Systems (PEO EIS)	480
Fort Belvoir - Discretionary moves	146
<b>Quantico-Inbound</b>	
Investigative Agencies (#131)	2,658
<b>Total Inbound</b>	<b>26,128</b>

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## Outbound Activities

Ft. Belvoir-Outbound	Jobs
Close Fort Monmouth, NJ (#5)	694
Relocate Prime Power to Fort Leonard Wood, MO (#127)	102
Co-locate Military Department Investigation Agencies with DoD Counterintelligence and Security Agency (#131)	409
Consolidate Media Organizations (Soldier Magazine) (#141)	3
Relocate Army HQs and Field Operating Agencies (#148)	1,303
Realign Jt Ctrs of Excellence for Chem, Bio, & Med R&D & Acq (#174)	67
Co-locate Extramural Research Program Managers (#178)	208
Create Air Integrated Weapons/Armaments R&D/Acq Test/Eval Ctr (#185)	65
<b>Quantico-Outbound</b>	
Consolidate Correctional Facilities to Joint Reg1 Facilities (#138)	56
<b>Subtotal-Fort Belvoir &amp; Quantico-Outbound</b>	<b>2,907</b>

(Continued)

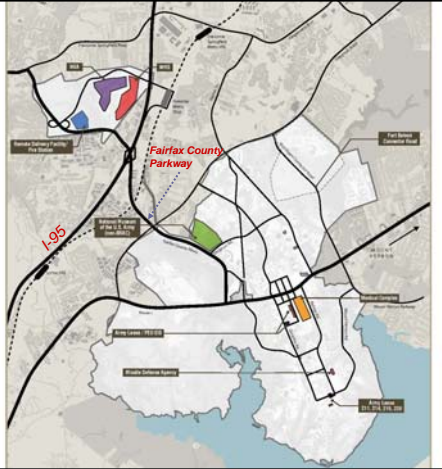
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## Outbound Activities (cont.)

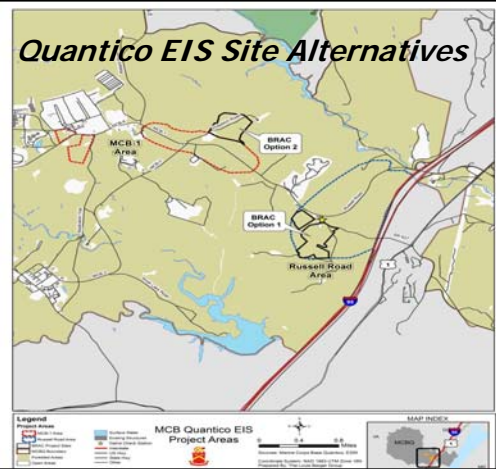
Bailey's Crossroads-Outbound	Jobs
Co-locate Miscellaneous Army Leased Locations (#132)	96
Co-locate Misc OSD, DOD, and Field Activity Leased Locations (#133)	563
Co-locate Missile and Space Defense Agencies (#134)	328
Consolidate DISA and Establish Joint C4ISR D & A Capability (#140)	36
Relocate Army HQs and Field Operating Agencies (#148)	572
Realign Jt Ctrs of Excellence for Chem, Bio, & Med R&D and Acq (#174)	89
<b>Subtotal-Bailey's Crossroads</b>	<b>1,684</b>
<b>Total Outbound</b>	<b>4,591</b>

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Fort Belvoir  
BRAC  
Preferred  
Alternative



Quantico EIS Site Alternatives

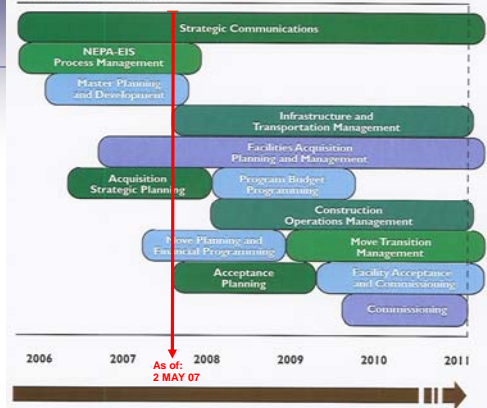


Key BRAC Actions: Overview  
Total Inbound & Outbound

BRAC Recommendations – Impacted Areas in the No. Virginia WIB Region	Personnel Affected
QUANTICO	2,658
FORT BELVOIR	23,470
BAILEY'S CROSSROADS	0
QUANTICO	-56
FORT BELVOIR	-2,851
BAILEY'S CROSSROADS	-1,684
<b>NET INBOUND</b>	<b>21,537</b>

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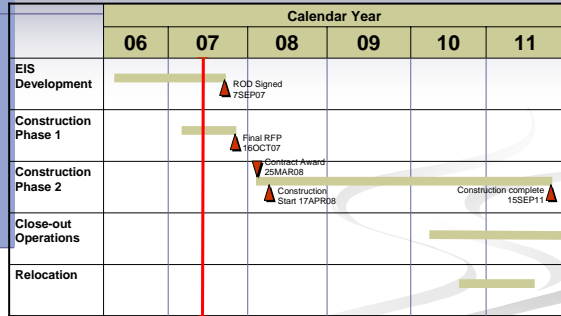
Fort Belvoir BRAC Project Schedule, June 2006



Source: Belvoir New Vision Plan, June 22, 2006

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## MCB Quantico BRAC Timeline



As of:  
2 MAY 07

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Source: MCB Quantico Base Realignment and Closure (BRAC) Presentation, November 2006

## Construction Impacts

7 million square feet of new office space  
\$663 million in new road improvements  
15,862 structured & at-grade parking spaces

## Construction Impacts – Expected Timing of Impacts

Fort Belvoir and Quantico BRAC Construction	2007	2008	2009	2010	2011	Total
Estimated Total BRAC Construction Costs (\$000,000)	\$161.3	\$2,146.7	\$820.4	\$629.5	\$318.3	\$4,076.3
Estimated Total Non-BRAC Construction Costs (\$000,000)	\$21.3	\$282.0	\$86.6	\$76.5	\$33.6	\$500.0
Estimated Total Employment Impacts for BRAC Activities						
ALL No VA	1,810	24,089	9,207	7,063	3,571	45,740
<i>NOVA WIB Region Only</i>	<i>1,778</i>	<i>23,654</i>	<i>9,041</i>	<i>6,937</i>	<i>3,508</i>	<i>44,918</i>

## Case Studies – Lessons Learned for Northern Virginia

Patuxent River Naval Air Station, MD  
Fort Leonard Wood, MO

## Patuxent River, Maryland

- Influx of 5,000 military, civilian and contractors
  - 80% of the Crystal City Workforce moved
  - Less than 50% moved from PA & NJ
- Community Responses
  - Improved local cultural offerings to attract relocation
  - Invested in all infrastructure needed to support new workers
  - Developed the Southern Maryland Higher Education Center
- Lessons Learned
  - Reach out early to affected agencies to better respond to the timing of the BRAC moves
  - Work closely with local businesses to meet their future workforce needs
  - Focus on new entrants to the workforce who might be benefited from the BRAC moves
  - Ensure state workforce development programs meeting the needs associated with the BRAC moves

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## Fort Leonard Wood, Missouri

- Influx of 4,000 new workers
  - All enlisted military made the move
  - 80% of civilian & contractors moved
- Community Responses
  - Created a local redevelopment authority to develop a regional growth management plan
  - Targeted sufficient housing supply as the priority
  - Developed the University of Missouri Technology Park at the base
- Lesson Learned
  - Quick regional leaders' consensus on BRAC decisions
  - Build close ties to base leadership
  - Engage the press from the beginning
  - Spin-off benefits created by base expansion to surrounding communities

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## Training Opportunities

## Selected BRAC-related Education & Training Resources

Training Providers	Construction-related	Defense-related
Northern Virginia Community College	Associate in Engineering Technology	Medical education
	Associate degree in Construction Management Technology	Associate degree or Certificate in Information Technology and Information Systems/Network Engineering
	Career Studies Certificate in Construction Supervision	Associate degree or certificate in Computer and Electronics Technology
	Career Studies Certificate in Basic Welding Techniques	
	Continuing education programs in Advanced Contractor Licensing, Building Code Basics, etc.	
George Mason University	Civil engineering Infrastructure Planning and Management	DoD Employee or Veteran Benefits (undergraduate and graduate courses in Information Technology and Engineering)
	Construction Systems and Management	Graduate Certificate in Geographic Information Science (starting July 2007)
Virginia Tech University	Graduate courses in Civil Engineering, Electrical Engineering, Engineering Management	Certificate in Information Technology
	Graduate courses in Environmental Engineering	Certificate in Science & Technology Studies
	Graduate courses in Industrial System Engineering	Graduate courses in Computer Science & Applications, Information Technology & Systems, Systems Engineering

## Recommendations for Northern Virginia WIB

In Development

## Preliminary Identified Gaps

- Construction Job Opportunities (short-term)
  - Apprenticeships for carpenters
  - Equipment operators
  - Managers and supervisory training/education
- Key Technical Skill Needs (longer-term)
  - Information technology
  - Systems integration
  - Intelligence data gathering and analysis
  - Criminal justice and security

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## Possible Strategic Options for No. Virginia WIB Consideration

- Provide higher education programs (including 2-year, 4-year, and advanced degrees at No VA CC and GMU)
- Offer expanded apprenticeship and construction management programs through post-secondary schools
- Link One-Stop career counseling services nearby and perhaps on the base
- Tie to other regional resources
  - Opportunities for "Regional BRAC Centers" with DOD/DOL support
- Collaborate with area economic development officials to ensure that Fort Belvoir & Quantico have facilities and people to accommodate contractors in the area

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## Thank you

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