



DCN: 10126



WALTER REED ARMY MEDICAL CENTER Base Realignment & Closure Committee Briefing

11 March 2004



MG Kevin C. Kiley
Installation Commander

COL Jeffrey W. Davies
Garrison Commander



What is Walter Reed?

- Home for world-renowned facilities in medical health care delivery, education, training, biomedical research, and diagnostic pathology consultative services.
- Installation that implements innovative business practices to enhance and sustain infrastructure in support of our most precious resource, the Soldier - \$350M in recent, on-going or planned infrastructure improvements with resources from commercial partners totaling more than \$200M.
- Responsive steward for environmental management



What is Walter Reed?

(cont)



- A dynamic installation with vibrant synergy focused toward:

Comprehensive medical care and treatment for all patients

Developing the best trained health care providers for our beneficiaries

Pioneering research efforts to protect, sustain, and treat our armed forces

Providing exquisite consultative services world-wide

Enhancing the physical, mental and spiritual well-being of those who comprise the WRAMC family



Agenda



- History and background information
- Construction projects underway and planned - Installation Master Plan – environmental issues
- Major tenant organizations
- Identification of excess land or office space
- Support to reserve components, homeland defense and other federal agencies
- Unique characteristics of the installation



WRAMC History

- Conceived as military medical reservation
- Army Medical Museum and Library established in 1862
- Second Component – Medical School opened in 1893
- The Army General Hospital established at Washington Barracks in 1898
- Walter Reed General Hospital was authorized by General Order 172, 18th Oct 1905
- General Order 83 in 1906 declared the land a military reservation
- The main hospital was completed on 04 Dec 1908

Walter Reed Installation

- Multi-purpose, joint use installation – Premier Medical Community
- 8200 Personnel
- Main Post: 113 acres – acquired in 1905/18/22 – 74 buildings – 4.6M SF
- Forest Glen: 164 acres – acquired in 1942 – 95 buildings – 1.8M SF
- Glen Haven: 20 acres – 31 buildings – 400K SF



CNY034-6

103-497

SPOT 3

Walter Reed

Fern St.

Georgia Ave.

16th St.

Aspen St.



CNY034-11

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SPOT 2



Forest Glen

Linden Lane

CSX RR

Brookville Road

CNV034-33

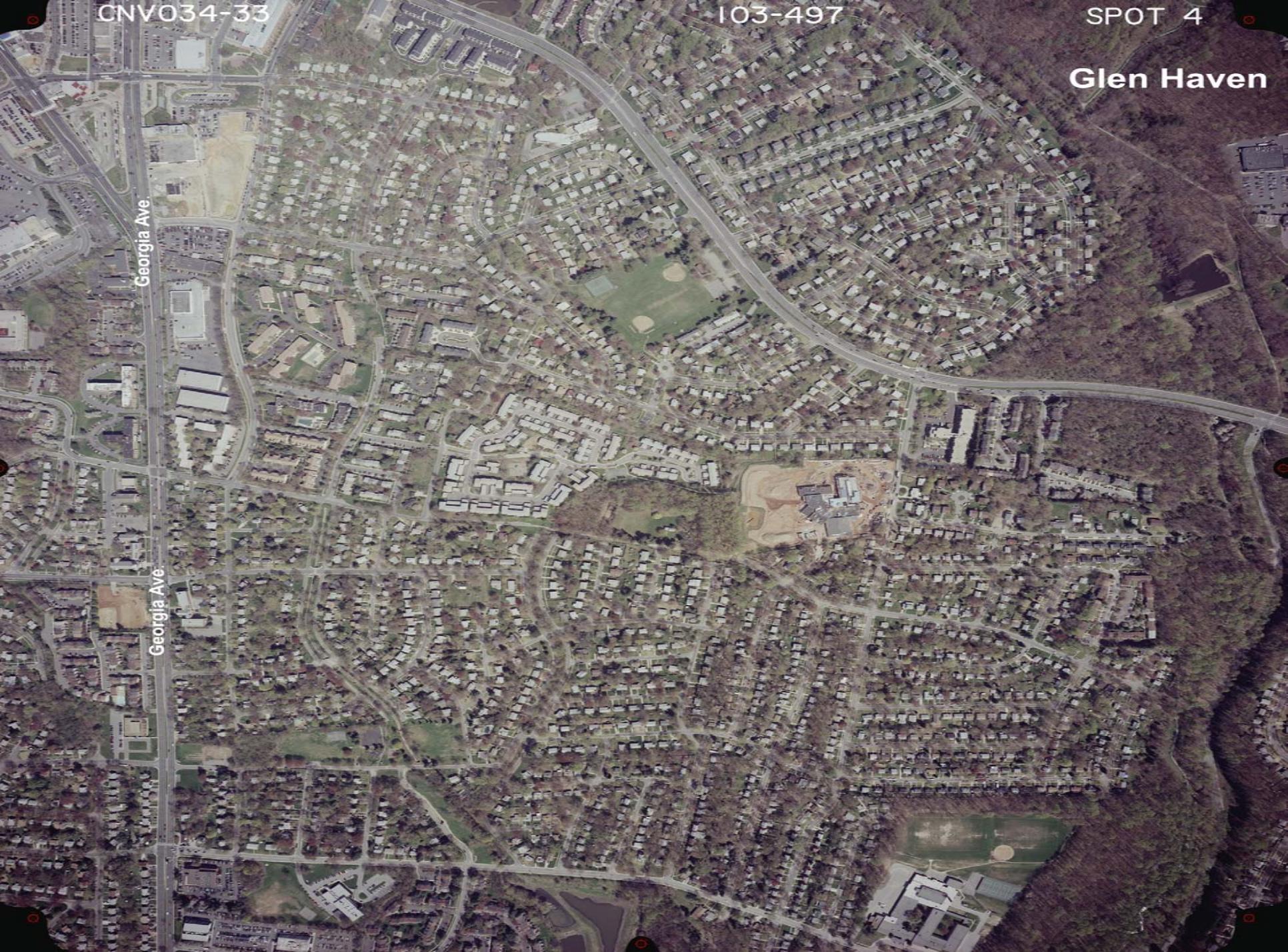
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SPOT 4

Glen Haven

Georgia Ave.

Georgia Ave.





Major Installation Projects Recently Completed



- Fire Station – Forest Glen
- Wagner Sports Center – Main Section
- Clinical Investigation Renovation
- Nutrition Care Upgrade



Fire Station (Forest Glen)



- Constr. Amount: \$1.75M
- Funds: MILCON-FY01
- Constr Agent: CENAB
- KC Home Improvement
- 100% Complete
- Ribbon Cutting: Jul 03





Sports Center ***(Main Section)***



- Prog Amount: \$6.8M
- Funds: MILCON-FY01
- Constr Agent: CENAB
- R.R. Gregory
- Completed: Sep 03



SOUTH EAST ENTRY

PHYSICAL FITNESS FACILITY
WALTER REED ARMY MEDICAL CENTER

17 FEBRUARY 2001



Bldg 7 DCI Renovation (Main Section)



- Prog Amount: \$1.7M
- Funding: DHP-FY01
- Constr Agent: DPW&T
- Branmore Construc.
- 100% Complete
- Ribbon Cutting: Oct 03





Nutrition Care

- Prog Amount: \$6.4M
- OMD FY02
- Huntsville COE
- Contractor: Syska & Hennessy
- Completed: Jan 2004





Major Installation Projects Under Construction



- Bldg 130 - School Age Services Expansion
- Bldg 14 - Barracks Upgrade
- Fisher House III
- Bldg 83 Renovation/Addition DOIM
- Bldg 91 Renovation/Addition DOIM



Building 14 – Barracks Upgrade (Main Section)



- Prog Amount: \$25M
- QOLED/OMA-FY01-2
- Construction Agent: CENAB
- Coakley Williams
- 25% Complete
- Expected Completion: Dec 05





Fisher House III

(Main Section)



- FHF Gift of \$1M
- Site Funded w/DHP \$480K+
- Construction Agent: FHF
- Dennis Anderson Construction
- 87% Complete
- Expected Completion: Apr 04





Building 83 Renovation / Addition



- Prog Amount: \$4.5M
- Funding: DHP-FY01
- Construction Agent: DPW&T
- Forrester Construction
- 40% Complete
- Expected Completion: Sep 04





Building 91 Renovation / Addition

- Prog Amount: \$1.7M
- Funding: DHP -FY02
- Construction Agent: DPW&T
- Marco Construction
- 35% Complete
- Expected Completion: Aug 04





Major Installation Projects Planned



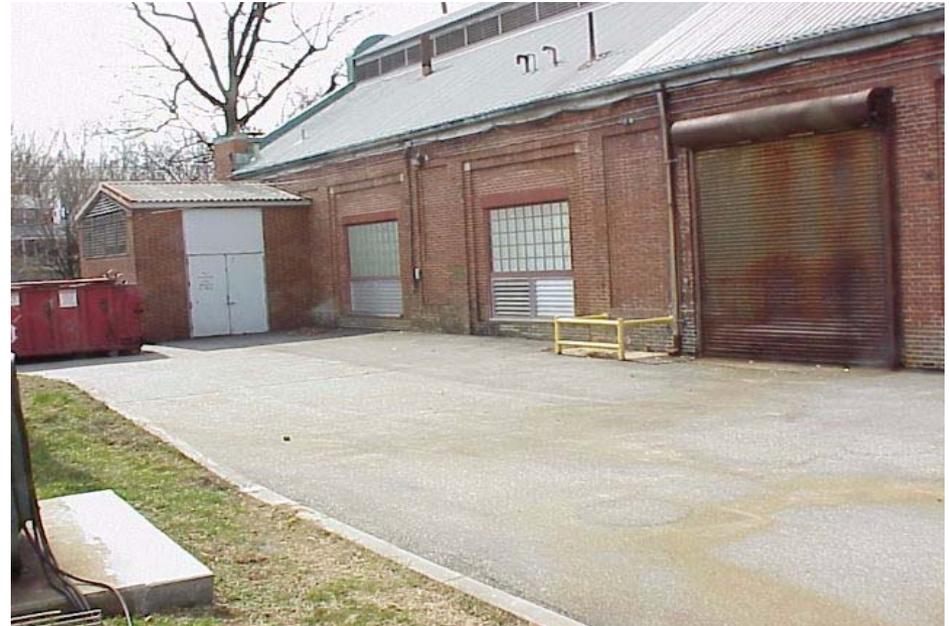
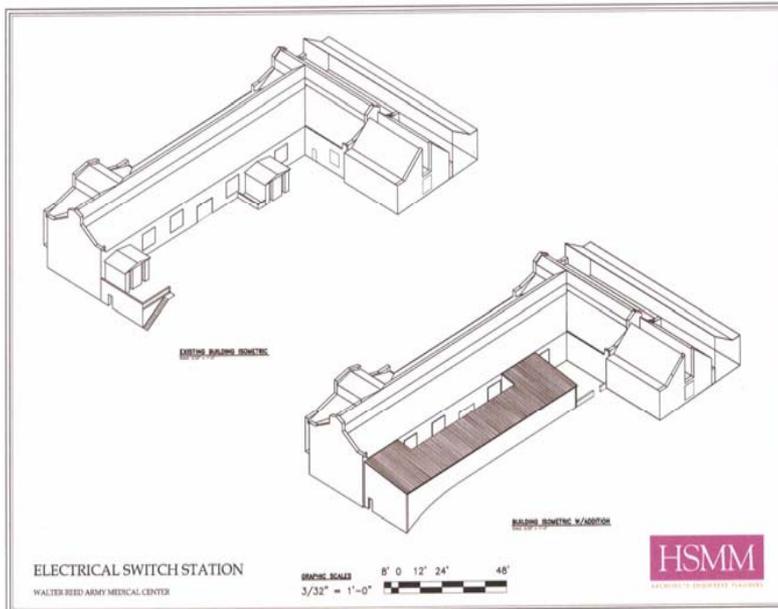
- Bldg 15 – Electrical Switch Station (MILCON)
- Force Protection (MILCON) – Main Section
- Force Protection (MILCON) – Forest Glen
- Bldg 40 – Renovation through Enhanced Use Lease (EUL)
- Bldg 50 – New Construction through Enhanced Use Lease (EUL)



Building 15 Electrical Switch Station



- Prog Amount: \$7.5M+
- Funds: MILCON FY03
- Construction Agent: CENAB
- Const. Contractor: Singleton
- Awarded Jan 04
- Expected Completion: Jul 05





Force Protection (Main Post)



- Contr Amount: \$3.78M
- Funds: MILCON-FY03
- Construction Agent: CENAB
- D/B: Cetrom-Ortega
- 30% Design Complete
- Expected Completion: Feb 05

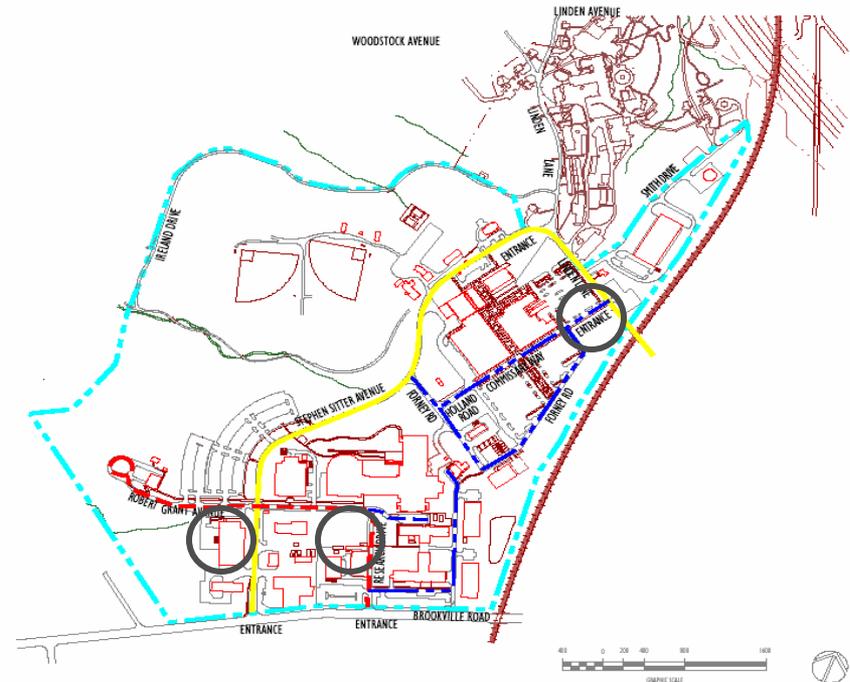




Force Protection (Forest Glen)



- Contr Amount: \$2.08M
- Funds: MILCON FY03
- Construction Agent: CENAB
- D/B: DesBuild Inc.
- 30% Design Complete
- Expected Completion: Feb 05





Enhanced Use Lease (EUL)



Army

- Leverage Assets
- Consistent Mission
- Reduce Operating Costs
- In-Kind Services
- Preserves Historic Facilities
- Save MILCON dollars
- Accelerate renovations and construction
- Addresses Force Protection Issues

Private Sector Developer

- Best Practices Expertise
- Capital Investment
- Community Involvement
- Unique Business Opportunity

Tax Payers

- Responsible Stewardship of Resources

Local Community

- Economic Development Opportunities



Enhanced Use Leasing Goals & Objectives



Support WRAMC
Mission

Provide WRAMC
Fair Market Value

Design, Develop and
Lease Property

Employ Best
Commercial Practices

Provide Good
Stewardship

1

2

3

4

5

Provide new laboratory, administrative and parking space in support of WRAMC mission

Provide in-kind consideration equal to fair market value of project to further enhance quality of life for those served by WRAMC

Design, develop and lease laboratory, administrative and parking space to meet the current demand

Utilize private sector discipline and practices to the benefit of both the Army and Developer

Provide for ongoing operation, maintenance and management of new and historic facilities



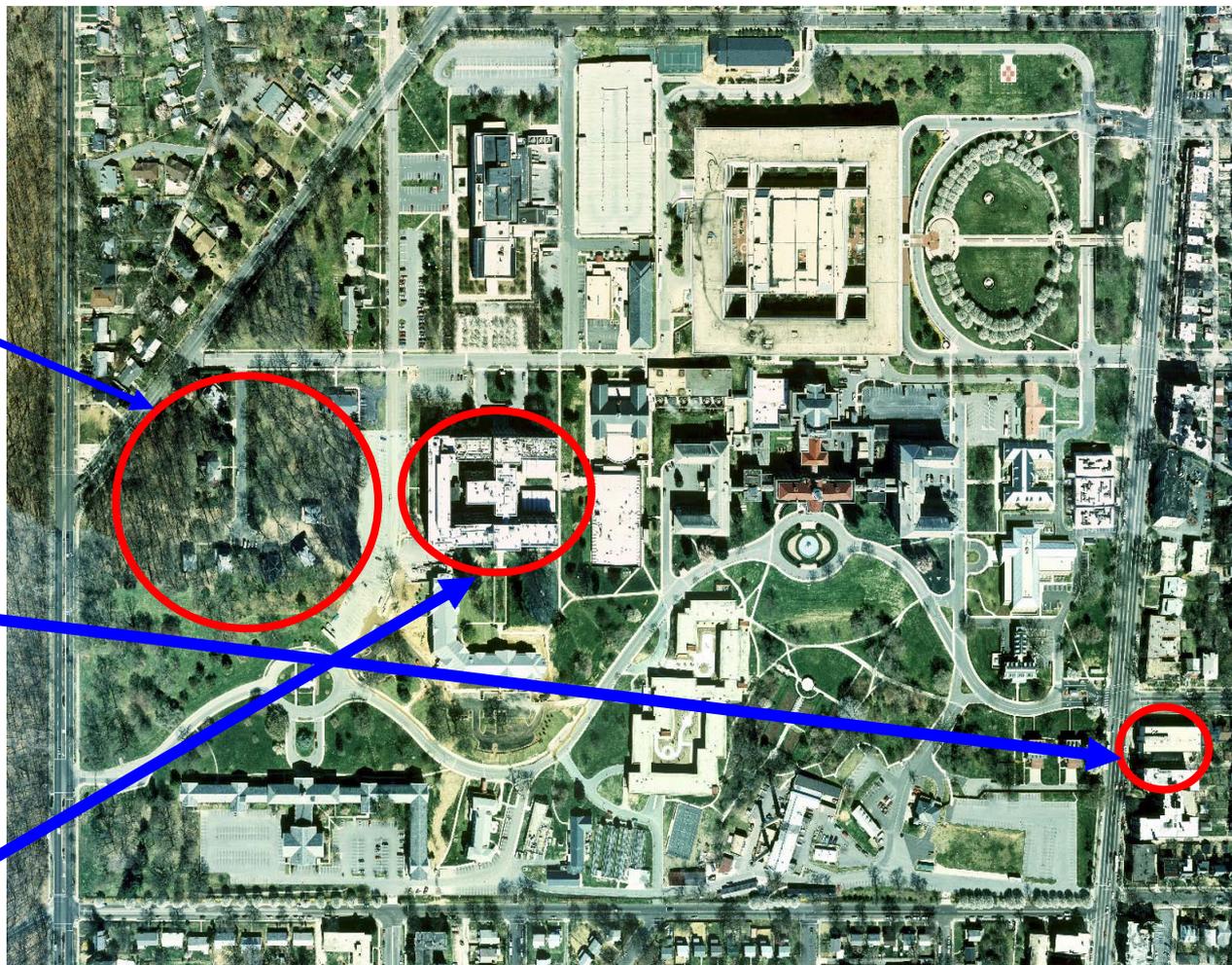
Enhanced Use Leasing (Main Section)



New Building 50

Building 40 (EUL)

Historic Building 40





Building 40 Proposed Renovation





Building 40 EUL

- Renovation of historic structure to create a modern and efficient building with over 200,000 rentable sq feet of space
- \$62 million renovation funded by private sector
- WRAMC will receive over \$20 million as in-kind services over the prime lease term
- WRAMC will avoid an estimated \$75 million in O&M expenses over the prime lease term
- Building #40 will be maintained to commercial office standards
- WRAMC will receive building and land back at end of lease term



Building 40 EUL Timelines



-
- Congressional Approval T-10 Jun 02
 - HQDA Approval of Solicitation (NOL) Dec 02
 - Industry Forum Held at WRAMC Feb 03
 - Final Release of Solicitation Mar 03
 - Winning Developer Selected May 03
 - Partnering Session with Developer Jun 03
 - B&L Plan Submission Approval Nov 03
 - HQDA Approval and Prime Lease Signed Apr 04
 - Renovation and Construction Begin Spring 04
 - Occupy Building Summer 05



Building 50 Project Scope



- Demolition, relocation and renovation of historic homes
- Design, development, and management of 250,000 to 300,000 square feet of administrative and laboratory space
- Parking space to support development and potentially other WRAMC parking needs



Building 50 EUL Timelines



Rcv'd Congressional Approval (T-10) to Out-lease	Jan-04
Receive Concept Approval from HQDA	Jan-04
Release NOL & Activate Web Site	Jan-04
Hold Industry Forum	Feb-04
Close Solicitation	Mar-04
Source Selection Evaluation Board Decision	Apr-04
Announce Selected Developer	Apr-04
Begin Business and Lease Plan	May-04
Business and Lease Plan submitted to Government	Oct-04
Business and Lease Plan Approved by HQDA	Dec-04
Site Work Begins	Jan-05
Construction Completion	Apr-06
Building 50 Occupied	May-06



Major Medical Projects Under Construction



- Interim Emergency Power Supply Source (Generators)
- Medical Gas Renovation
- Amputee Center in Building 2 (Main Hospital)





Interim Emergency Power Supply Source (EPSS)



- Prog Amount: \$6.8M
- Funds: OMD-FY02/04
- Construction Agent: Huntsville COE
- Contractor: Syska & Hennessey
- 50% Complete
- Expected Completion: Pending 1391 Approval





Medical Gas Upgrade

- Prog Amount: \$5.5M
- Funding: OMD-FY02
- Construction Agent: CENAB
- Contractor : KBR
- 55% Complete
- Expected Completion: Jul 04





Amputee Center (Building 2)

Repair Physical Therapy and Brace & Limb Center

- Prog Amount: \$2.5M
- Congressional Add FY03
- Construction Agent: Mobile COE
- Contractor: JJ Kirlin
- 22% Complete
- Expected Completion: Jul 04





Advanced Amputee Training Center (Main Section)

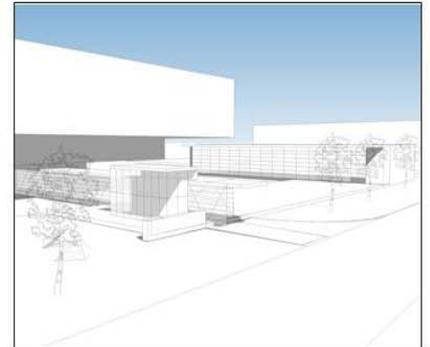
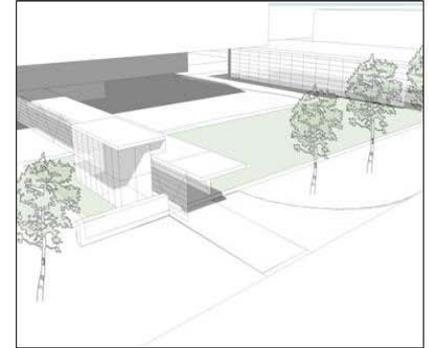


- Prog Amount:
- Congressional Interest
- Constr Agent: CENAB
- NCPC Staff Action 14 Jan 04
 - Prelim Concept Approval
 - Interim Structure Approval
- Design Charrette 22 Jan 04
- AE: Smith Group
- 0% Complete
- Expected Completion: Dec 04





Building form





Major Medical Projects FY05



\$34M planned for hospital related projects



Installation MILCON Projects Revalidation For FY05-10



- Child Development Center (Main) FYDP-08
- Parking Garage (Main) FYDP-07
- Emergency Services Center (Main); expected FYDP-08
- Vet Clinic (UMMCA) (FG) 1391; submitted for FY-05
- Medical Warehouse (FG) FYDP-08; expected FYDP-08

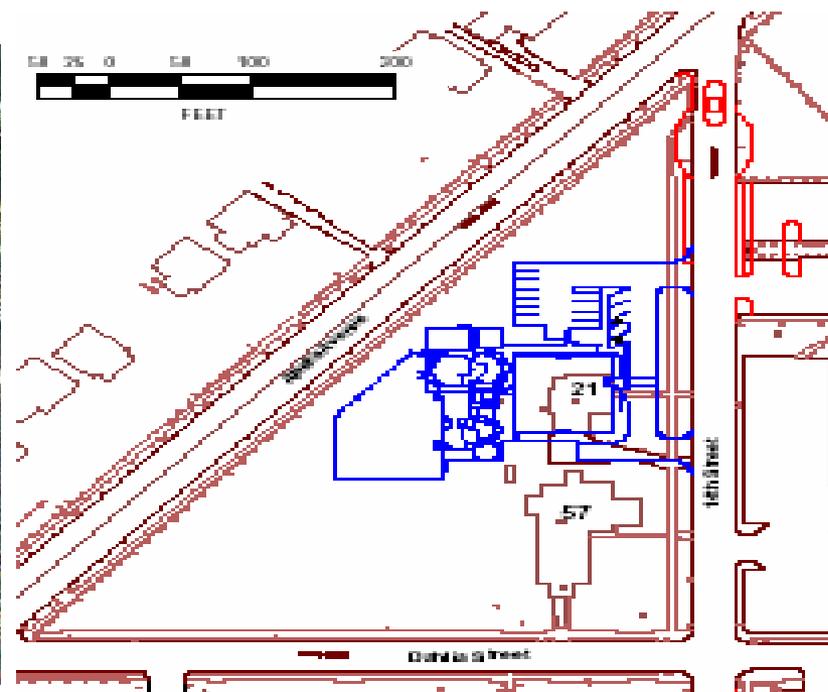


Child Development Center (Main Section)



- Prog Amount: \$2M
- Prog Yr: FYDP-08
- Funding: MILCON

Modify standard design for a CDC to provide space for 60 children ages 0 to 5 in 5,600 square feet





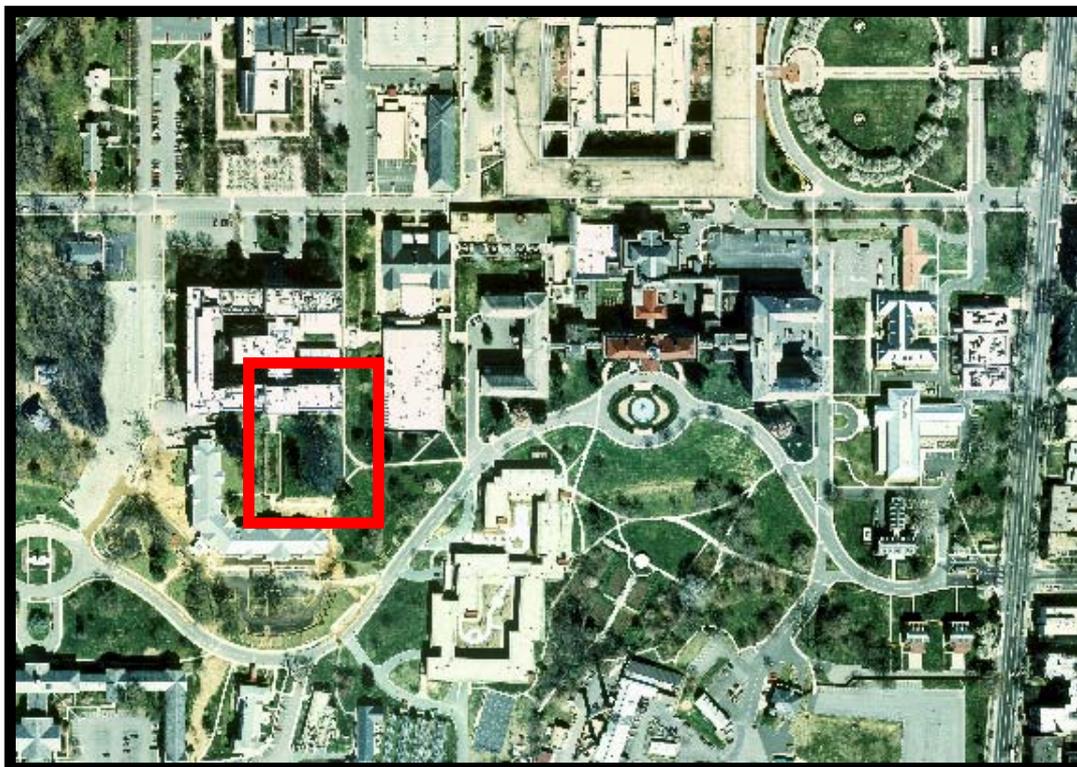
Parking Garage

(Main Section)



- Prog Amount: \$8.6M
- Prog Year: FYDP-07
- Funding: MILCON

Construct 3 level underground parking structure for 400 vehicles





Emergency Services Center (Main Section)



- Prog Amount: \$3.6M
- Prog Year: exp FYDP-08
- Funding: MILCON

Consolidate fire station and provost marshal police station in a new 2-company facility.





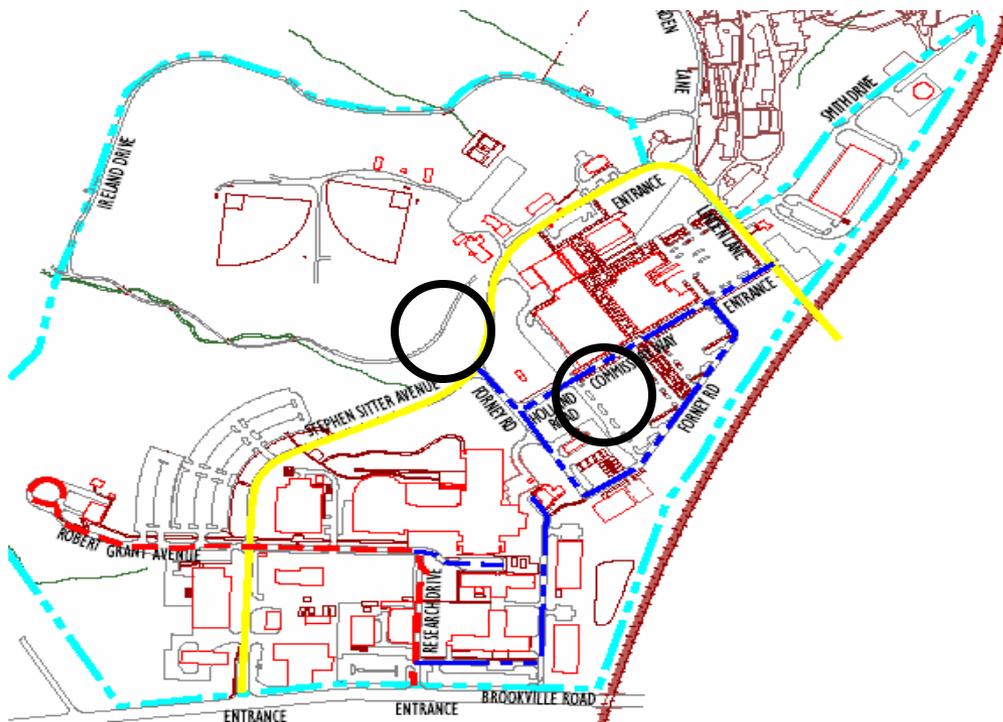
Veterinary Treatment Clinic



(Forest Glen)

- Prog Amount: \$1.5M
- FY Request:
 - 1391 Submitted
 - Expected FY-05
- Funding: MILCON

Construct 6,318 SF state-of-art facility for treatment of military working dogs and food inspection mission for the NCR





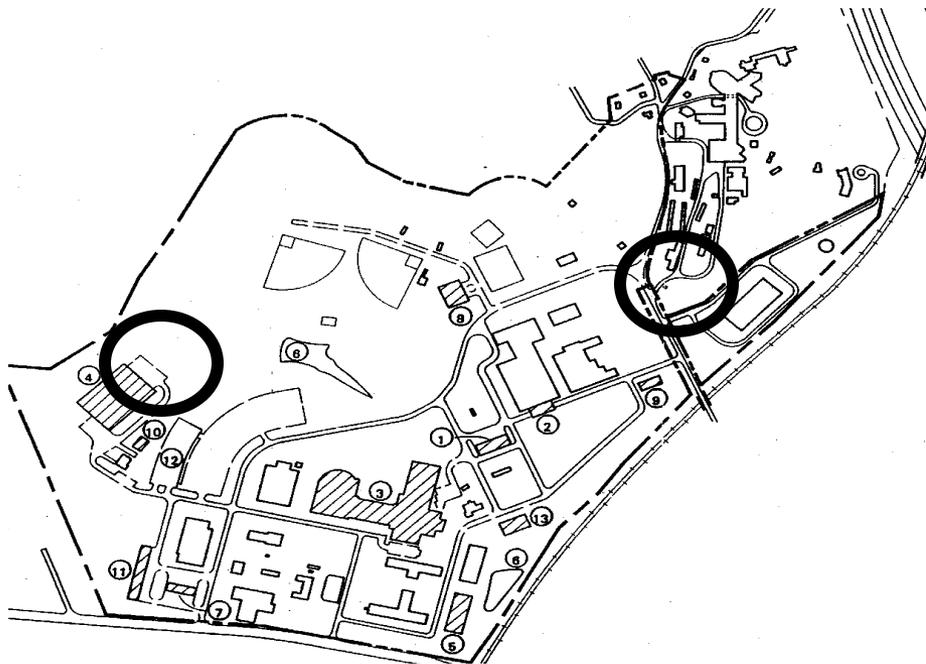
Medical Warehouse

(Forest Glen)



- Prog Amount: \$8.0M
- Prog Year:
 - Expected FYDP-08
- Funding: MILCON

Construct a 65,000 SF warehouse to replace existing facility. Consolidate receiving operations & storage for mobilization. Automate inventory and climate





National Park Seminary Historic District (NPSHD)



- County Request for Expression of Interest May 03
- Selection of Developer Dec 03
- Lease to Further Conveyance under negotiation
- Conveyance from County to Developer Oct 04







Residential Community Initiative



- Selected GMH Military Housing as partner in April 2003
- Combined Ft Detrick and WRAMC projects to achieve economic and management efficiencies
- OSD Approved CDMP 04 March 2004
- Transmit CDMP to Congress 12 March 2004
- June / July GMH will take over WRAMC Family Housing
- Life Cycle Cost Analysis results in 34% savings to the government



Residential Community Initiative

WRAMC Project Phasing Approach



WRAMC Detrick Joint

On-post requirement

(November 2003) 609 354 963

HMA Requirement for Government Provided Housing

Officers:

Enlisted: Total: **609**

Planned Location	Glen Haven	Forest Glen	Main Post	Other Parcels
Officers:	54	0	2	-
Enlisted:	<u>180</u>	<u>60</u>	<u>0</u>	<u>-</u>
Total:	234	60	2	609



Environmental Program



- Aggressive program to close out 2 small DERA sites
- No recent enforcement actions; meeting compliance deadlines
- No major clean-up activities, 4 small installation restoration sites
- Robust hazardous materials management program
- Hazardous Substances Management System (HSMS) viewed as a model by the Environmental Protection Agency



Tenant Organizations



North Atlantic Regional Medical Command



The NARMC provides command and control of all US Army Medical Command (USAMEDCOM) Medical Treatment Facilities in the Northeastern United States, consisting of 10 major and 18 smaller facilities spread across 21 states, 2 continental Army commands (CONUSAs), and 5 Reserve Support Commands (RSCs). Executes Title X responsibilities to train, equip, and when directed, deploy a healthy and protected force in support of Army Operations. Commander also serves as Multi-Service Market Manager, responsible for planning, coordinating, and synchronizing all DoD health care in the National Capital Region.

Personnel –12,000

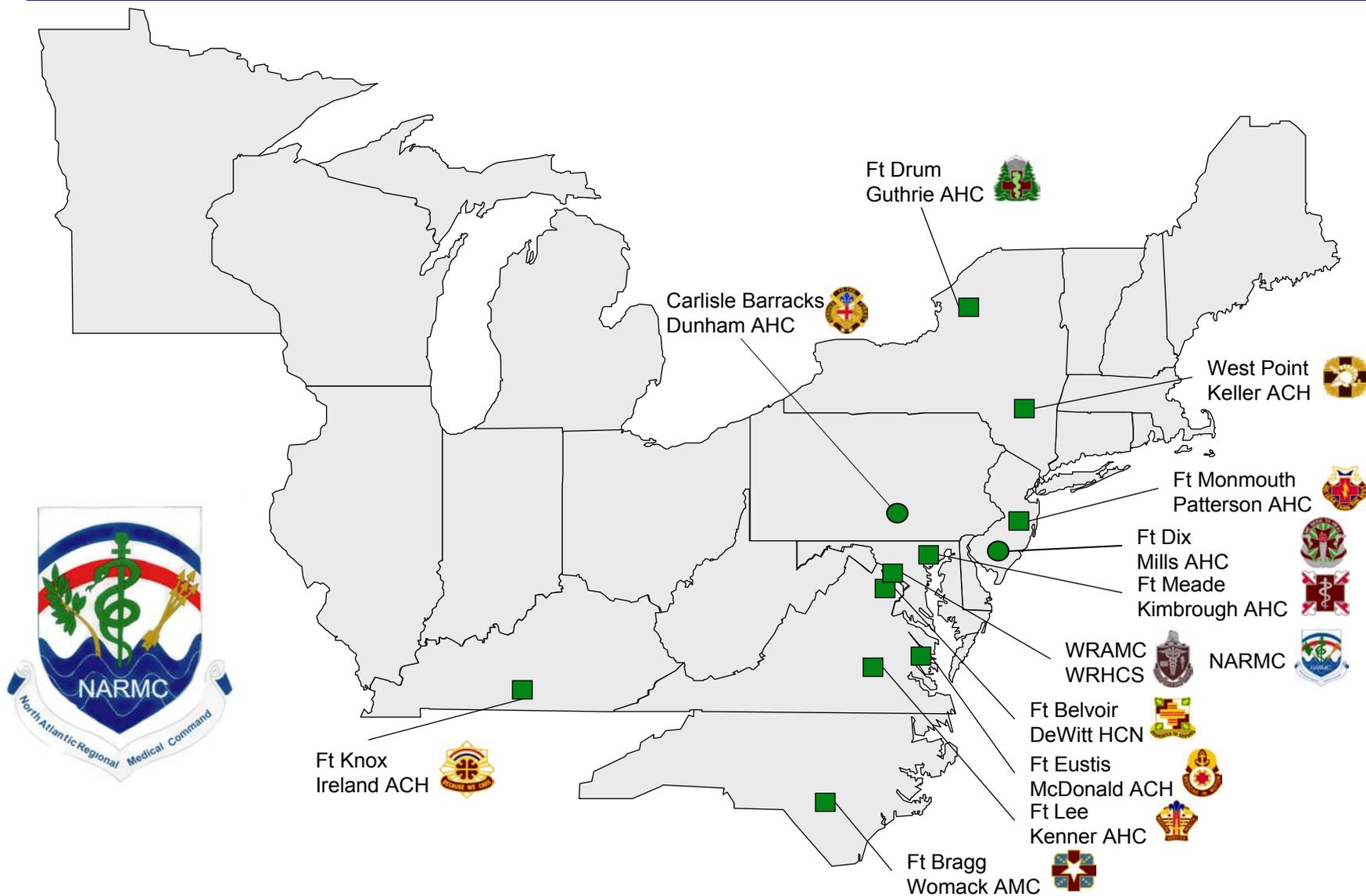
Budget - \$1.2B



NARMC

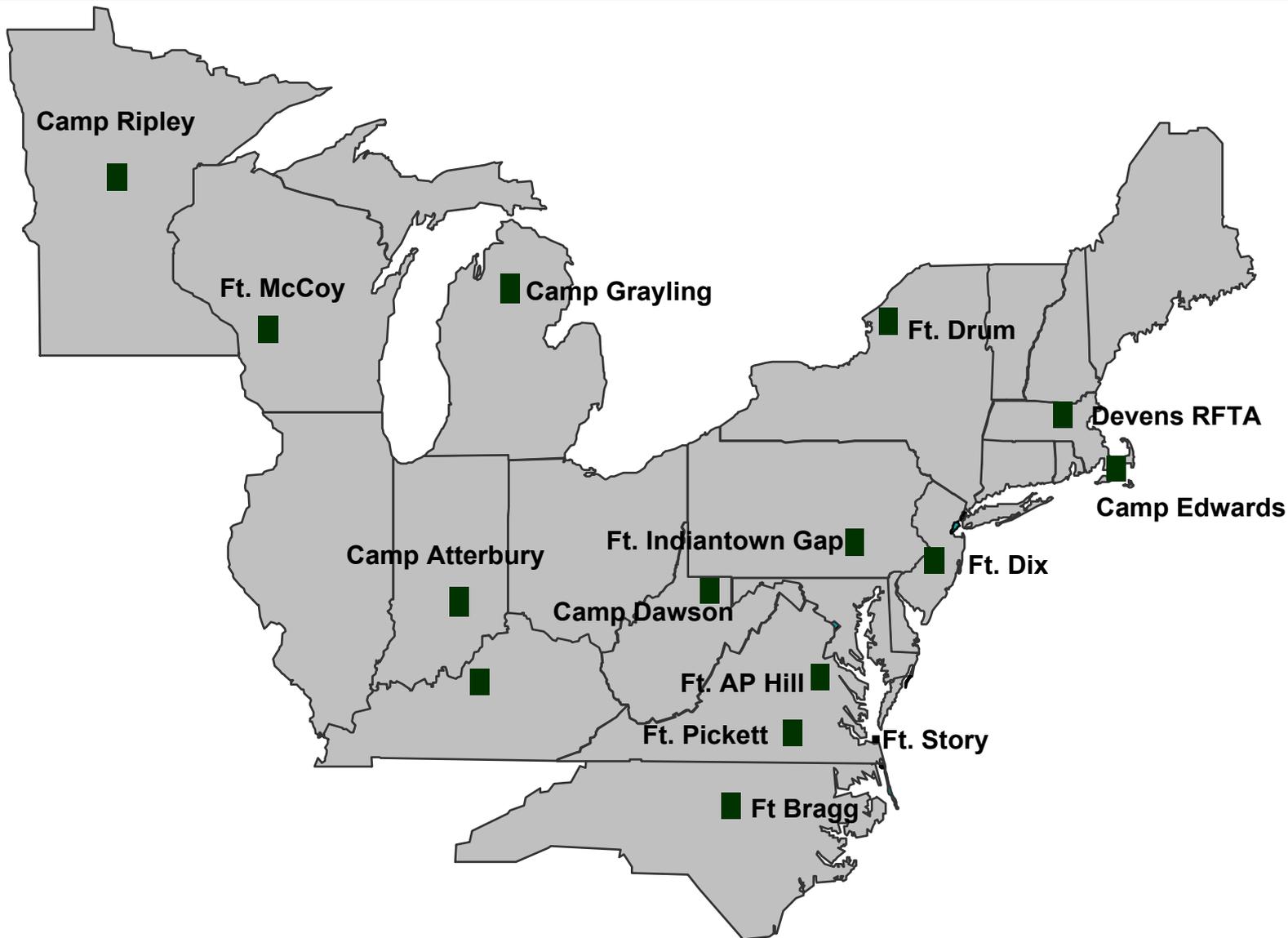


Medical Treatment Facilities





Reserve Component Annual Training Sites





Readiness Commitments

Training

- EFMB
- Chem/Bio
- 91W Transition
- CTT
- Weapons Qual
- RTS-MED
- Anti-Terrorism Tng

Taskings

- SFOR/KFOR
- JRTC/NTC
- ROTC
- AT Site Support
- AIT Support
- Noble Eagle
- Enduring Freedom
- SOTU/Inaugural
- Site R

PROFIS

- AC PROFIS
- Caretaker
- Multi-component
- AC to RC PROFIS



Chem/Bio

- WMD, FCC,
- AT/ FP, NDMS
- EPP, AVIP
- SMART
- SBCCOM Support

Plans / Mobilization

- 5 RSCs
- 22 STARCs
- 9 IMSUs
- 4 USAHs
- 9 PSP/PPP
- 12 AT Sites
- Call Forward Exercise
- 28th ID Deploy/Redeploy
- SOCOM Support

Conferences

- Readiness Conference
- AVIP Conference
- AT Site Support Conference

Readiness

- OAP , SATB
- MRR
- R & A
- MREM



Readiness Is!

“Deploy Ready Active and Reserve Units”





North Atlantic



Regional Dental Command



The North Atlantic Regional Dental Command provides command and control for 7 Dental Activities and 3 Dental Clinic Commands. Responsible for providing dental services throughout a 21 state region including the District of Columbia, to over 167,000 active duty soldiers in 33 dental clinics on 22 installations.

Personnel - 935

Occupies - 22K SF

Budget - \$25.55M



North Atlantic Regional Veterinary Command



The North Atlantic Regional Veterinary Command provides command and control of all veterinary elements on 68 Department of Defense installations in 21 states and the Azores.

Personnel - 450 Occupies - 8,524 SF Budget - \$2.39M





Walter Reed

Army Institute of Research



WRAIR is a world-renowned facility and the largest biomedical research laboratory in DoD. Their cadre of distinguished personnel conduct military relevant biomedical research in the areas of military infectious disease, combat casualty care, military operational medicine and medical chemical and biological defense. Five residency post doctoral training programs and outreach to students from elementary school post doctoral fellows. Vibrant technology transfer program.

Personnel - 1,281 Occupies - 514K SF Budget - \$131M



Naval Medical Research Center



Conducts basic and applied biomedical research in infectious diseases, biological defense, combat casualty care, bone marrow, and diving and environmental medicine. The major focus is to develop vaccines against malaria, diarrhea, dengue fever and rickettsial disease and conduct clinical trials in support of our vaccine development.

Personnel - 339 Occupies – 54K SF Budget - \$79.1M

ARMED FORCES INSTITUTE OF PATHOLOGY





Armed Forces Institute of Pathology (AFIP)



AFIP is the preeminent national and international resource in the field of diagnostic pathology in medicine, dentistry and veterinary sciences. Serves as the nations leading laboratory for pathology and is responsible for conducting forensic medico-legal death investigations for the DoD and other federal agencies. AFIP's wide-ranging mission in diagnostic pathology includes research, consultation, and educational programs to serve military and civilian communities worldwide. Maintains the world's largest tissue specimen repository and the DoD's DNA repository.

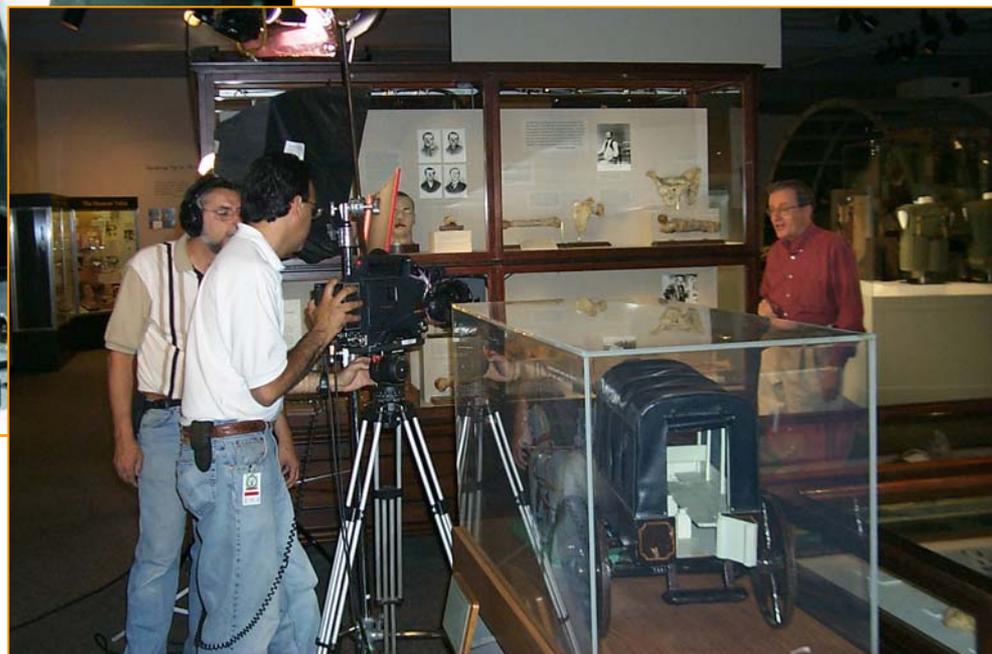
Personnel - 821

Occupies - 318K SF

Budget - \$85M



National Museum of Health and Medicine





US Army Physical Disability Agency



The USAPDA is a field operating agency of the U.S. Army Human Resource Command and manages the Army's physical disability evaluation system. The mission of the USAPDA is to provide a full and fair hearing to determine Soldiers physical fitness for continued military service. This agency determines the level and type of compensation and takes action to separate or retire Soldier's when his/her career is interrupted by reason of physical disability. The agency conducts Physical Evaluation Boards at Fort Lewis, Fort Sam Houston and Walter Reed.

Personnel - 42

Occupies – 7,500 SF

Budget - \$4.1M



Armed Forces Pest Management Board



ARMED FORCES
PEST MANAGEMENT BOARD



The AFPMB is a unique source of expertise established to ensure deployed active duty and Reserve ground forces and DoD installations have effective control of insects that carry diseases and of pests of military significance, to oversee development and implementation of pesticide use policy, ensure safe and environmentally sound use of controls, and serve as a scientific advisory body to DoD.

Personnel - 13 Occupies = 12K SF Budget - \$998K



2290th U.S. Army Hospital



The mission is to replace PROFIS losses and expand the capability of the Walter Reed Health Care System. To provide medical support to other medical missions as directed.

- Permanent HQ at WRAMC and is the only reserve hospital in Washington DC
- Regular daily/monthly integration of 2290th USAH soldiers into WRHCS programs
- Training venues provide enhanced productivity and command control in preparation for wartime missions



2290th U.S. Army Hospital (Cont)



- On site location facilitates transitions and recruitment of AC to RC soldiers coming off active duty
- The WRAMC reputation and the opportunity to work at the world renowned facility assist in the recruitment and retention of medical professionals nationwide
- Direct coordination with North Atlantic Regional Command improves mobilization process for personnel

Personnel - 769



Walter Reed Army Medical Center





WRAMC



- Walter Reed is the preeminent military medical center in DoD and the flagship of army medicine providing state-of-the art medical care, research, training and education
- A medical center with an enduring legacy of service to the armed forces that continues to expand the frontiers of military medicine
- Provides quality, comprehensive health care that is cost-competitive, accessible, and valued by our customers
- Serves as a national resource for specialty care and medical issues unique in DoD and other Federal agencies



FY03 WRAMC Workload

801,895	Outpatient visits	
11,410	Admissions	
1,104,787	Lab Tests	
118,450	Radiological Procedures	
687,501	Pharmacy Unit Dose Issues	
411,714		New prescriptions
176,641		Refill prescriptions
496,114		Sterile products
7,340	OR Cases	
195	Average Inpatient Census	



Care To Combat Casualties



(Operation Enduring Freedom and Operation Iraqi Freedom)

- WRAMC is the primary stateside receiving center for combat casualties of OIF and OEF
- To date WRAMC has treated 2,825 patients from OIF OEF since the war began
- 499 battle casualties
- 353 received treatment as inpatients
- 24 soldiers remain as inpatients
- 235 outpatients



WRAMC – “A Global Reach”



- Approximately 19% of patients come from outside the National Capitol Area
- Outreach Clinics and Circuit Riders
- Ask-a-Doc
- Tele-Medicine
- Foreign Dignitaries



Medical Education & Research



- Nearly 400 resident physicians / 54 training programs
- 59% of fellowships
- 467 publications and 766 presentations by researchers in 2003
- 680 ongoing research protocols (>25% of DoD)
- Uniformed Services University of the Health Sciences(USUHS) SIM(ulation) Center at Forest Glen is used for military scenarios and resident patient care training
- 29% of Army Graduate Medical Education (GME)
- Trains 664 USUHS students including nurses, enlisted, and medical specialists



Unique Medical Training



- Only Neurosurgery residency in DoD
- Only Physical Medicine and Rehabilitation residency in DoD (crucial as we care for wartime casualties)
- Only Radiation Oncology residency training program in DoD
- Only Vascular Surgery Training Program in DoD
- Only fellowship training in: Forensic Psychiatry, Geriatric Psychiatry, Preventive Psychiatry, Hand Surgery, Pain Management, Infectious Disease, and Allergy / Immunology



WRAMC Readiness

(Other Special Programs and Support at WRAMC)



- DoD Center for Amputee Health Care
- National Vaccine Health Care Center (NVHC)
 - Education and Research
 - DoD Smallpox Vaccination Program
- Infectious Disease Laboratory – team deployed to investigate pneumonia cases in Iraq
- Logistics support to Fort Dix mobilization site
 - Performed over 6,000 medical supply requisitions to support soldier readiness processing



WRAMC Readiness Support



(Operation Enduring Freedom and Operation Iraqi Freedom)

- Forward-deployed over 140 active-duty military staff (physicians, nurses, and technical specialists)
 - 48th CSH in Afghanistan (Dec 02 to Jun 03)
 - 28th CSH in Iraq (Feb 03 to current)
 - Other various units (47th CSH, 86th CSH, general field hospitals, forward surgical teams, combat support units)
- Trained and integrated over 100 activated reservists into WRAMC (backfill)



Excess Land or Office Space



- No excess land – Not enough land for housing requirement
- No excess office space at this time



Support To Reserve Components, Homeland Defense, or Other Agencies



- Robust support to reserve components in 21 state area
 - Inextricably linked to 2290 Army Hospital
 - Annual Training Site Support
 - Mobilization / Demobilization Assistance
- Collaborative training with National Institutes of Health
 - Consultative support with and to Centers for Disease Control, Department of Homeland Security, and Federal Bureau of Investigations
- NORTHCOM Directed that JTF HQ would be established in NCR for homeland defense – Medical Board established to act as Surgeon for the JFHQ – NARMC Commander is Chairman, Medical Board and the JTFHQ Surgeon



Unique Installation Characteristics

- Benchmark medical community providing tertiary and subspecialty medical care, national and international consultative research services, the final determining authority for physical determining disability rating, legendary forensic laboratory capabilities maintaining the world largest tissue repository and the DoD DNA repository
- NCR Medical Consortium – consolidated Graduate Medical Education programs
- Only Medical Simulation Center in DoD



The WRAMC Installation

Is a showpiece health oriented installation incorporating all facets of health care from training to health care delivery, to research, development, test and evaluation

While land locked, innovative business practices will open administrative and laboratory space for future use

Strong Joint Service working relationships and reserve component linkages symbiotically functioning together at a single location to serve America's fighting force