



# United States Army Combined Arms Support Command and Fort Lee





# Agenda



- |             |   |
|-------------|---|
| 0830        | Arrive Garrison HQS Building 8000                       |
| 0830 – 0840 | En route to CASCOM – COL Angevine/Mrs. Lee              |
| 0845 – 0900 | Office Call with CG - MG Dunwoody                       |
| 0900 - 0905 | Welcome and Introductions – COL Angevine                |
| 0905 – 0915 | BRAC Team Visit – COL (Ret) Dinsick                     |
| 0915 – 1000 | Fort Lee Background Briefing – COL Angevine             |
| 1000 - 1045 | CSS Center of Excellence Concept Briefing – COL Mullins |
| 1045 – 1115 | Break and pick up lunch                                 |
| 1115 – 1200 | Review of BRAC Recommendations and Impacts – Mrs. Lee   |
| 1200 – 1300 | BRAC Construction Requirements – Mr. Greg White, DPWL   |
| 1300 – 1400 | Logistics Warrior Training – Mr. Don Bradshaw, DPTMS    |
| 1400 -      | Questions & Answers                                     |



# FOCUS

Installation Responsibilities

Community Impact

Current Missions/Functions

Current Facilities/Infrastructure/Infostructure

Fort Lee 2020

Quality of Life

Future Mission Capability



# Population

- **Active duty permanent party**
  - Officers 580
  - Enlisted 2585
- **Civilians 3182**
- **Contractors 1330**
- **Family members**
  - On-post 3197
  - Off-post 2371
- **Retirees, survivors & family members 55,220**
- **Student Average Annual Load Over 35,000**



***On an average day,  
there are over 20,000 People  
on Fort Lee!***



# Workforce Diversity

**Fort Lee is the model employer with a diverse and effective work force incorporating the principles of equitable treatment and equal employment opportunity as integral parts of its mission.**

***Our workforce mirrors the diversity of the surrounding community.***

## **Fort Lee Highlights**

**Best TRADOC EEO Office-FY 01**

**Best TRADOC Disability Program-FY 02**

**Best TRADOC EEO Specialist-FY 01**

**Best TRADOC Safety Program-FY 03**

**TRADOC CSM Safety Award-FY02**





# Payroll/Sales/Contracts

- **Payroll Statistics:**

- **Military: \$190.8 M**
- **Civilian: \$70.2 M**
- **NAF: \$10.6 M**
- **AAFES: \$5.4 M**

- **Sales Statistics:**

- **AAFES \$45.6 M**
- **Commissary \$30 M**

- **Contracted Services:**

- **Small business \$26.5 M**
- **Disadvantaged \$5.6 M**
- **Woman owned \$507 K**
- **Disabled vet owned \$113 K**

- **Total Contracted Svcs \$295 M**

- **Includes mission and tenant activity contracts**



# Fort Lee Impact

- Fort Lee supports over *17,000* FTEs
- *1 out of 4* workers in Southern Virginia is supported by Fort Lee activities
- *1 out of 8* jobs in Southern Virginia is directly attributed to Fort Lee
- Total impact on the area's economy annually is **more than \$860 M**
- Tax Revenue alone is **over \$57 M**



# Cost Of Living Military



	<b>Fort Lee</b>	<b>Fort Eustis/ Fort Monroe</b>	<b>Fort Belvoir</b>
<b>BAH</b>	E5 w/dep \$779 04 w/dep \$1155	E5 w/dep \$960 04 w/dep \$1392	E5 w/dep \$1472 04 w/dep \$2237
<b>Lodging</b>	\$60	\$90 (avg in-season and off-season)	\$153
<b>Meals</b>	\$28	\$40 (avg in-season and off-season)	\$48
<b>Total Per Diem</b>	<b>\$91</b>	\$133	\$204



# Cost of Living Community

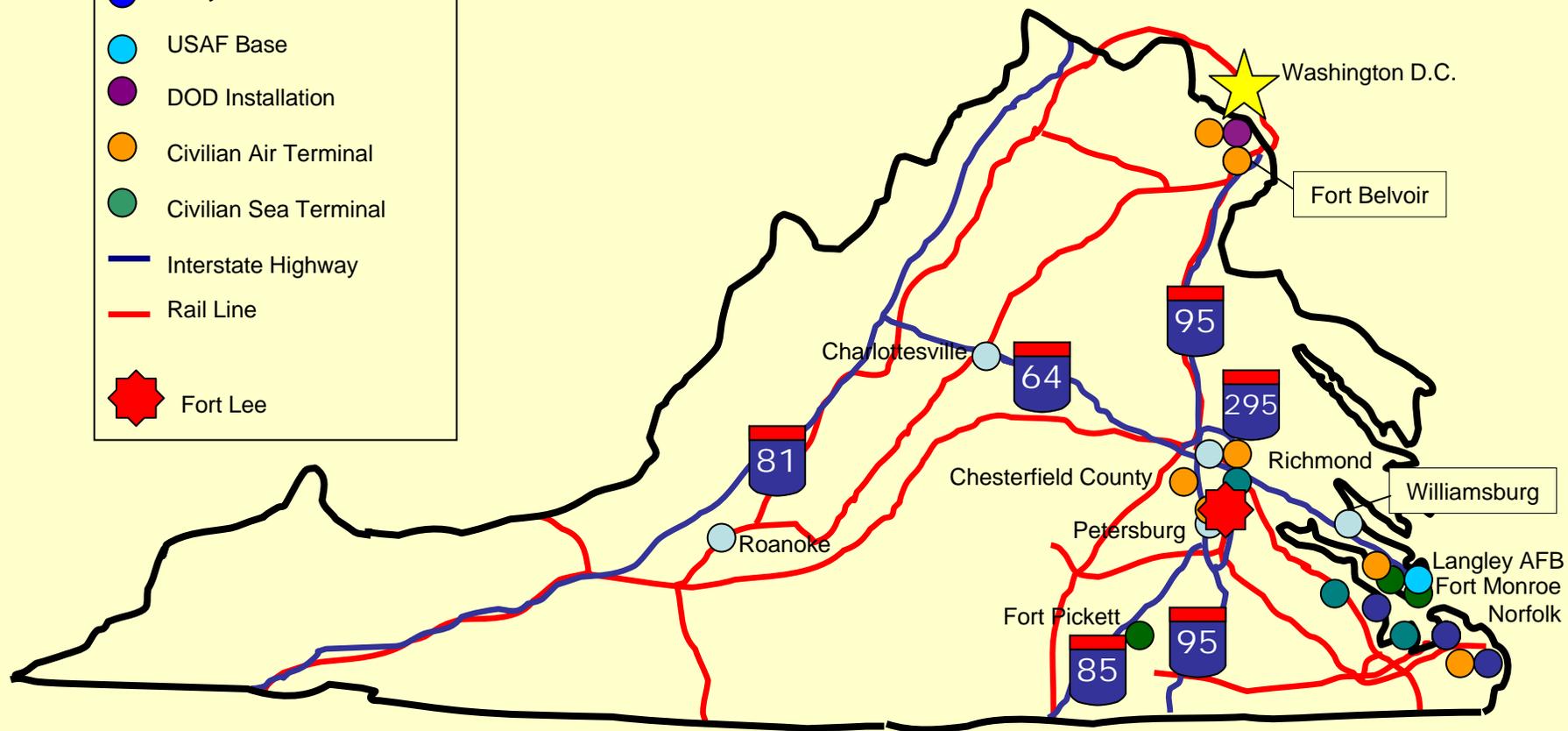


	Local	Virginia	National
Income	\$46,800	\$46,677	\$41,994
Housing	\$115,400	\$125,400	\$119,600



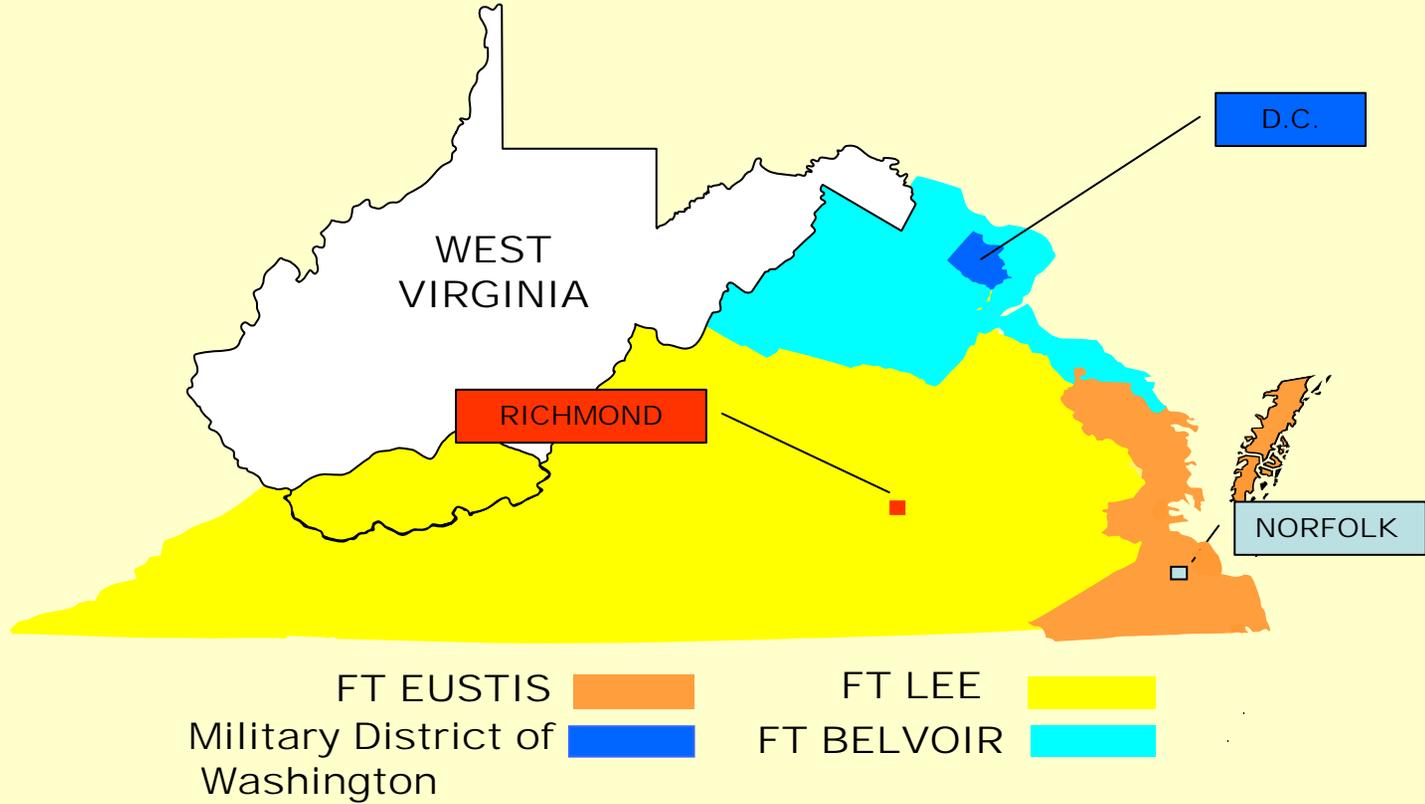
# Location Summary

- City
- Army Base
- Navy Base
- USAF Base
- DOD Installation
- Civilian Air Terminal
- Civilian Sea Terminal
- Interstate Highway
- Rail Line
- Fort Lee





# Area of Support





# Local Partnerships



**School MOAs**



**Medical Community**



**Fire and Emergency Services  
Mutual Aid**



**Crater Technical Rescue Team**



**Crater Planning District**



**Law Enforcement**



**Civilian-Military Council**



**Local Emergency Planning Council**



# Local Partnerships Fire & Emergency Services

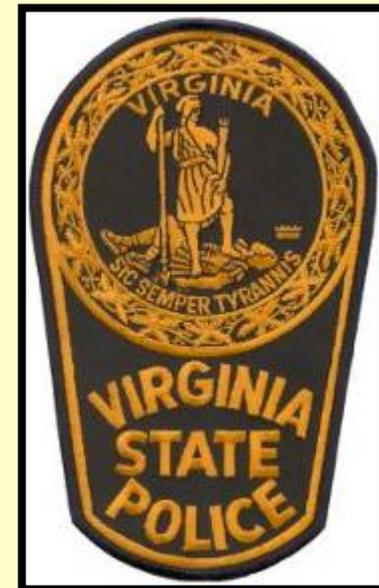
- Fire Dept Accreditation- 2004
  - *First in Army to be accredited*
- Mutual Aid agreements w/Colonial Heights, Hopewell, Petersburg and Prince George
- Crater Regional Technical Rescue Team
- Shared training
- Regional Hazardous Response Team
- Safe Kids Program





# Local Partnerships Law Enforcement

- 6 Military working dogs and Handlers
- 911 integration
- VA State Police
- Crime-stoppers – Tri-Cities
- Scared Straight Program
- Area Chiefs' Council
- VALID- Law Enforcement Intel Exchange
- Area Joint Drug Task Force Committee





# Regional Partnerships

## Medical

- **DOD efficiencies achieved-**  
**Two local hospitals provide emergency care**
- **Partner with MEDCOM to provide EMS**
- **Located close to VCU Health System (state-of-the-art teaching hospital)**
- **McGuire VA Center MOA**
- **Transportation to Walter Reed, Portsmouth, McGuire VA Center, Eustis**





# Regional Partnerships Evacuation/Disaster Support



**Fort Monroe  
Fort Eustis  
Fort Story**



**Norfolk  
Naval Base**



**Langley  
Air Force  
Base**



**Richmond  
Virginia**



**Integrated  
Support  
Command,  
Portsmouth**



# Federal Partnerships





# Federal Partnerships

## Department of Justice

### Bureau of Prisons

- Labor force: 12-16 inmates per day
  - Range and Ground Maintenance
- MOA updated annually w/FCI
- Cost: None except safety equipment and materials
- Saves borrowed military manpower and contractor cost





# Federal Partnerships

## Department of the Interior

- **Petersburg National Battlefield:**
  - Shared boundary
  - Archeological support
  - Recreation
  - Force Protection
- **Jamestown Historical Park:**
  - Stored Colonial artifacts from Jamestown after Hurricane Isabel flooding
  - Assisted in recovery





# Joint Ventures





# Homeland Security

- **Richmond Metro Hazardous Materials Working Group**
- **Hampton Roads Regional Threat Working Group**
- **Richmond Joint Terrorism Task Force (JTTF)**
- **CID**
- **FEMA**
- **PMO**
- **FBI**
- **Virginia Department of Emergency Management**
- **State Health Department**





# Fort Lee Organizations



## DOD:

- Defense Commissary Agency
- Military Entrance Processing Station
- Defense Military Pay Office
- Defense Security Service
- Defense Printing Services
- Defense Acquisition University

## Joint Service:

- US Marine Corps
- US Air Force
- US Navy

## Coalition:

- Australia
- Canada
- France
- Germany
- Great Britain
- Korea

## Army:

- Combined Arms Support Command
- Quartermaster Center and School
- 49<sup>th</sup> Quartermaster Group
- Army Logistics Management College
- Kenner Army Health Clinic
- NCO Academy
- Center for Public Works
- Gerow USAR Center
- Force Management Support Agency
- PM Logistics Information Systems
- TRADOC Analysis Command - Lee
- Engr Dist, Norfolk Area Engineer
- Operational Test & Eval Cmd,  
Coordination Off
- Log Exercise Simulation Directorate /  
National Simulation Center
- Trial Defense Service
- TRADOC Combat Dev Engineering
- Software Engineering Center
- Procurement Research & Analysis Off
- Criminal Invest Cmd – Resident Off



# Tenants

## CSS Related



**US ARMY FORCE MANAGEMENT  
SUPPORT AGENCY**



**PROGRAM MANAGER – LOGISTICS  
INFORMATION SYSTEMS**



**TRADOC ANALYSIS  
CENTER – LEE  
TRAINING & DOCTRINE  
COMMAND**

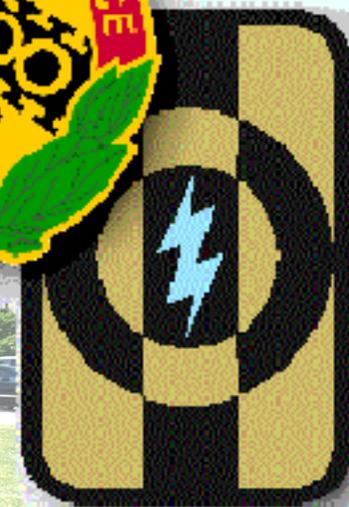


**LOGISTICS EXERCISE SIMULATION DIRECTORATE  
NATIONAL SIMULATION CENTER**



# 49<sup>th</sup> Quartermaster Group

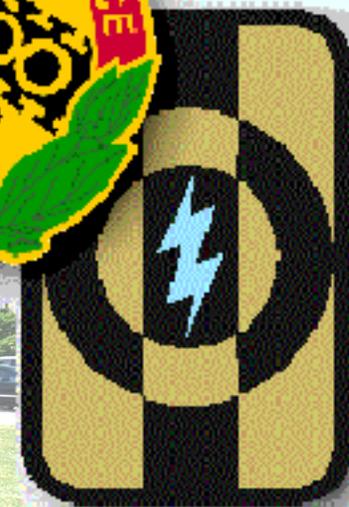
- Only active component POL Group HQs in the Army
- FORSCOM resident unit on Ft Lee
- Early deployer due to unique fuel, water, mortuary affairs, and laundry and shower missions
- Multi-compo unit (Active, National Guard and Reserve) – war trace reserve unit affiliations and annual training
- Unique training opportunities and locations
- Perfect asset for adding operational focus to QMC&S and CASCOM training requirements
- Approved \$14.4M Project for Group HQ and \$10.2M Project for Dining Facility Complex





# 49<sup>th</sup> Quartermaster Group

- **Significant stationing actions approved for FY06**
- **5 Additional Units**
  - 108<sup>th</sup> Petroleum Support Co
  - 506<sup>th</sup> QM Force Provider Co
  - 111<sup>th</sup> Mortuary Affairs Co
  - 148<sup>th</sup> Petroleum Support Co
    - Assault Hose-line Team
- **1137 Incoming Soldiers**
- **E-dates 16 Oct 05**



Commander  
LTC Shawn P. Walsh

BEREANT MAJOR  
CSM Gary L. Green

Volpe Building 8536



# Kenner Army Health Clinic

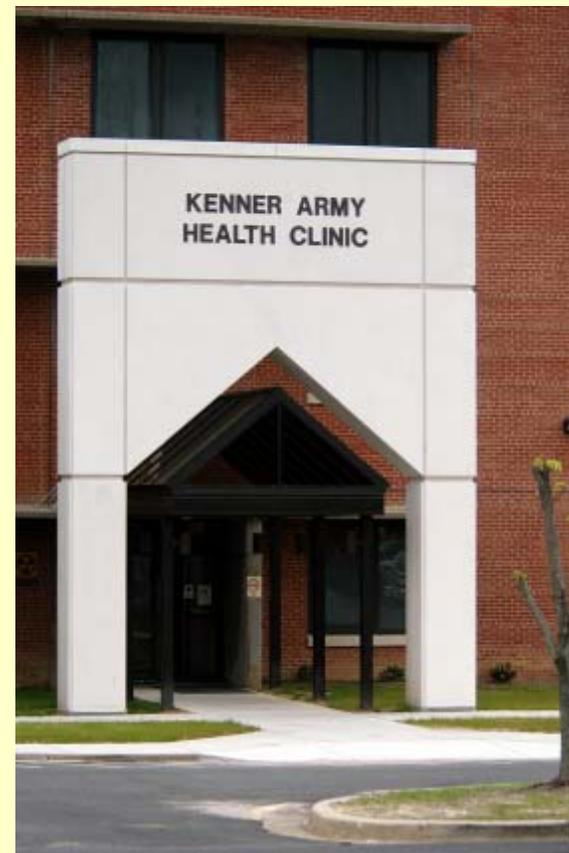
**Provides medical services to the eligible beneficiary population and DOD organizations**

- **Former Army Hospital**

- **65 Bed capacity**

- **Orthopedics \***
- **Radiology \***
- **Laboratory \***
- **Pediatrics \***
- **Pharmacy \***
- **Surgery**
- **Obstetrics/Gynecology**

**\* Denotes current services**



- **Over 96,000 Outpatient visits in FY 04**
- **Over 56,700 Active Duty Students and RC Personnel served in FY04**



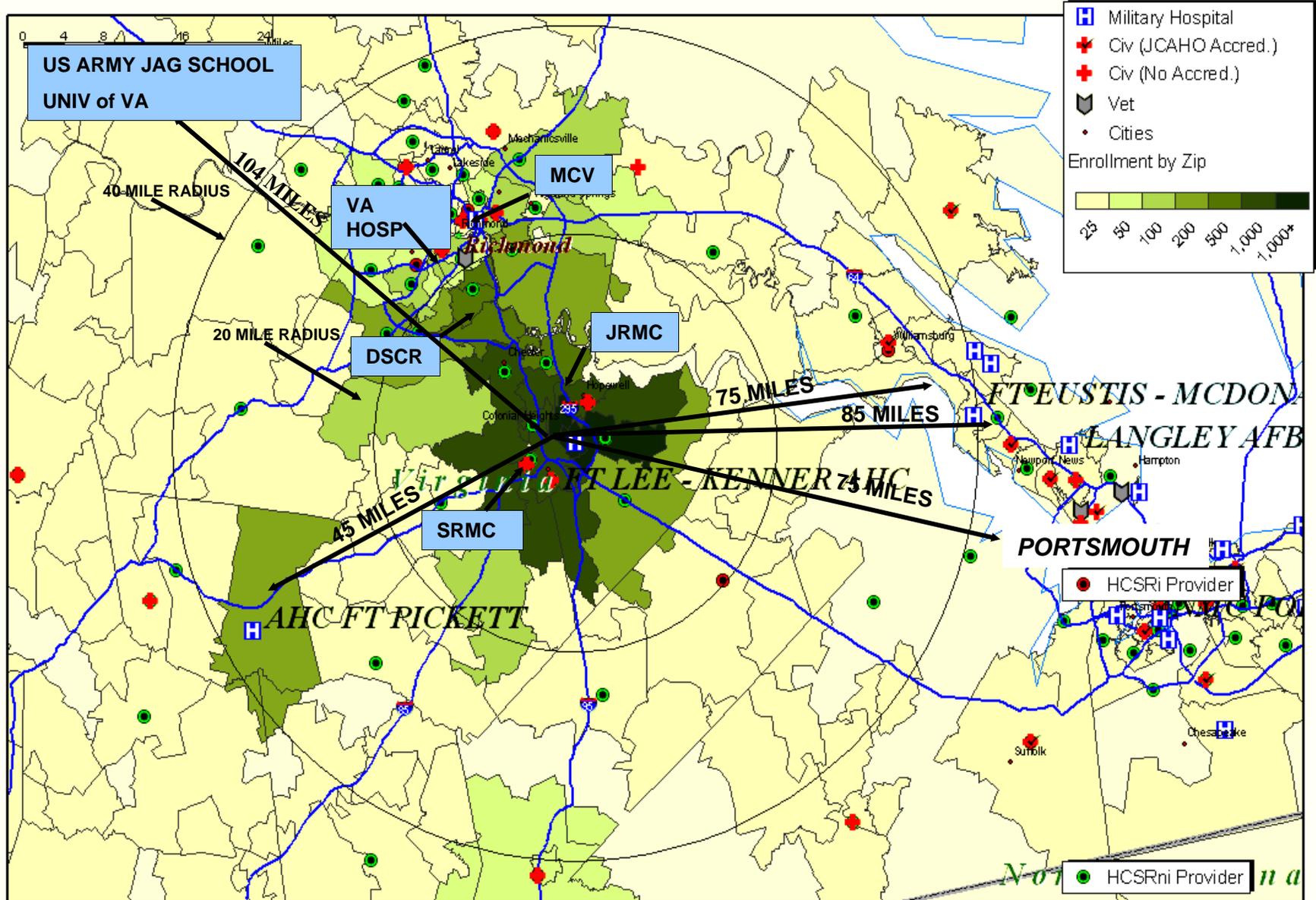
# KAHC and BRAC



- BRAC language did **NOT** specify adding new services
- MG Farmer, NARMC CG, has requested independent review for expansion options (Hospital, Ambulatory Surgical Center, or Health Clinic)
- Current planning focused on increasing existing core competencies to meet increased population needs
  - Primary Care
  - Behavioral Health Svcs
  - Pharmacy
  - Radiology
  - Preventive Medicine
  - Orthopedic Screening
  - Physical Therapy
  - Laboratory
  - Occupational Health
- Kenner Army Health Clinic (KAHC) gaining medical oversight of Fort Pickett (Jan 06)
- Current referral patterns are robust w/some limitations



# KAHC Market Area





# Area Hospitals



- Southside Regional Medical Center (new 300-bed facility in FY 08) (Petersburg)
- John Randolph Medical Center (Hopewell)
- CJW-Chippenham Medical Center (Richmond)
- Retreat Hospital (Richmond)
- St Francis (new 130 bed facility in Chesterfield County FY 05)
- Poplar Springs Hospital (Psychiatric)
- Medical College of Virginia (MCV) (Regional Trauma Center) (non-network)



# Bull Dental Clinic

**MISSION:** To provide dental care and to achieve dental readiness of our military population, promote health and to excel at customer service.

- 18,847 Soldiers treated in FY04
- 35 Staff Members
- 8 Dentists (4 contract)
- 18 Treatment rooms





# Dental Support to MSAP



- Proposed population increase currently supports another dental clinic containing 32 Dental Treatment Rooms (DTR's)
- Staffing to be determined by MEDCOM/DENCOM modeling plan
- Current facility ramping up for the First Term Dental Readiness initiative
- Dental assets from Ft. Monroe's closure may come late in the BRAC plan to Ft. Lee



# Museums

- US Army Women's Museum
  - Moved from Fort McClellan (BRAC 1995)
  - Dedicated May 2001
- US Army Quartermaster Museum
  - Established 1957
  - Over 70,000 visitors annually





# Fort Lee 2020

Our Plan for the Future incorporates:

- Current and Projected Missions
- Existing Conditions and Facilities
- Facility Requirements Based on Mission





# Facilities

<b>LAND - ACRES</b>	<b>5,849</b>	<b>RANGES</b>	<b>9</b>
<b>PAVED ROADS (mi.)</b>	<b>109</b>	<b>DINING FACILITIES</b>	<b>6</b>
<b>ACTIVE BUILDINGS</b>	<b>1,110</b>	<b>RAIL LINES (mi.)</b>	<b>4</b>
<b>BARRACKS SPACES</b>	<b>6,409</b>	<b>DUAL-LOADING RAIL RAMP</b>	<b>1</b>
<b>FAMILY HOUSING</b>	<b>1,324</b>	<b>TRUCK LOADING DOCKS</b>	<b>3</b>
<b>TRAINING FACILITIES/AREAS</b>	<b>31</b>	<b>SLING LOAD FIELD</b>	<b>3</b>
<b>UNRESTRICTED AIRSPACE</b>		<b>DROP ZONE</b>	<b>1</b>
<b>STRATEGIC FUEL RESERVE</b>	<b>2.1MG</b>	<b>HELIPAD</b>	<b>2</b>
<b>SHORELINE (River Tng Site)</b>	<b>50 Meters</b>	<b>AIRSTRIP</b>	<b>1</b>



# Utilities

## **Gas Service**

- 49 miles

## **Electrical Service (Privatized)**

- 220 miles
- 100% AFH underground
- 40% post wide

## **Water Service (Privatized)**

- 80 miles
- 4 300K Gallon Tanks
- 1M gallon reservoir
- Redundant system

## **Sewer Service**

- 86 miles
- City of Hopewell

## **Ice Plant**





# Infostructure Modernization Highlights

## Common Service Infrastructure:      Current Capabilities

Direct Access Storage  
Server Backup/Archive

9 Terabytes  
COOP, alt location

## Common Application Services:

Authentication/Name Resolution      Active Directory

## Users:

Email	4300
Windows NT	0
Windows 2000	2367
Windows XP	2000

## Architecture:

Campus Area Network	Layer 3 w/MCNs & ADNs
Firewall	FWSM/ADRP (Dual Stacks)
Server Consolidation	45% Complete-on-going
Outside Cable Plant	98% Fiber/ 2% Wireless
Remote Access	TSACS/VPN
IDS	Dragon, Cisco



# Communications



## Telephone:

- Completing a \$6.5M upgrade
- NORTEL MSL-100 digital switch
- 20,000 ports available (8,900 in use)
- E911 Capable and programmed for installation w/i 6 months
- Trunking: 92 FTS, 72 DSN, 184 Local, expandable

## Cellular:

- Coverage by Verizon, NEXTEL, and T-Mobile
- NETCOM BPA in place
- 3 Antennas on post

## Cable TV Service:

- Upgraded to digital service in FY03
- Command Channel
- Broadband Internet access available in all AFH and Permanent Party Barracks

## Trunked Land Mobile Radio System:

- Narrowband TLMRS since 1998
- NTIA Compliant
- Upgrading to enhanced P25 digital standard during FY08
- Surrounding communities conform





# Training Areas



- **31 Field Training Areas**
  - Land Navigation
  - Logistics Warrior
  - Drop Zone
- **4 Water Training Sites that meet environmental standards**





# Current Range Capabilities

- M4, M16A1 & M16A2 Zero Range
- M203 TP / AT4 TT Practice Range
- M240B 10 meter Zero Range
- M4, M16A1/M16A2 Qualification Range
- M9, Combat Pistol Qualification Range
- M9, MP Firearms Qualification Range
- M1200 (*Shotgun*) Qualification Range
- M24 Sniper, Known Distance Range
- Privately Owned Weapons Range
- Modern Trap/Skeet Range





# Range Land Transfer

- No cost transfer of land from the Commonwealth and Federal Prison System
- Will provide the capability to fire AT-4, M249 SAW, M203, and the M2 MG.





# Environmental Impacts

- No constraints impact our mission
- 2,924 Unconstrained Acres
- Unrestricted airspace





# Environmental Achievements

- 2004 Keep America Beautiful, 2<sup>nd</sup> Place Waste Minimization
- 2004 Keep Virginia Beautiful, 1<sup>st</sup> Place Waste Minimization
- 2003 IMA NERO 1<sup>st</sup> Place Cultural Resources Award
- 2001 DoD Citation for Meritorious Achievement
- 2001 DA 1<sup>st</sup> Place Environmental Quality Team Award
- Completed utility privatization NEPA documents (DoD model)
- Opened Regional Curation Facility
- Implemented inflow/infiltration program
- Manage threatened and endangered species
- Manage critical habitat for Great Blue Heron Rookery



Partners with:

National Wild Turkey Federation & Dominion Energy for Wildlife



# Military Construction, Family Housing, and Operations & Maintenance Projects





# Current Project Status

<u>DESCRIPTION</u>	<u>COST</u>	<u>STATUS</u>	<u>COMPLETION</u>
Fire & Emer Svc, Ph 1	\$5.2M	30%	Sep 05
Roadway & Access Improv	\$8.1M	0%	Jun 06
Madison Park – Ph 1	\$18.0M	8%	Feb 06
Fire & Emer Svc, Ph 3	\$4.3M	0%	Jun 07
Range Land Transfer	\$0	83%	Sep 05
Jefferson Terrace – Replac	\$46.0M	0%	Dec 07

**6 Ongoing Projects**



**\$81.6 M**



# MCA Projects

- **Fire and Emergency Services, Phases 1 and 2**
  - Phase 1, Fire and Emergency Service Center
    - Three bays, two vehicles deep, drive-thru
    - Physical training room
    - Emergency Medical Services (EMS) Headquarters
    - Administration office and Training room
    - Kitchen/dining, quarters EMS personnel - 24-hour shifts
  - Centrally located emergency medical services facility for Fort Lee.
  - Existing Fire Station #2 is WWII temporary building – Emergency Medical Services.





# MCA Projects

- **Madison Park Family Housing, Phase I**

- Whole neighborhood revitalization, construct 90 new junior NCO family housing units.
  - First of two phases
  - Uneconomical to revitalize existing (up to 10 units per building, no covered parking)
  - Demolish 104 junior NCO Family Housing Units built in the late 1950's
- Existing units lack privacy, cannot be improved to meet current standards, and part of Army's plan to re-new housing nationwide.
- Energy enhancements, to use 40% less energy than comparable units, and built to commercial standards.





# Current AAFES Projects

**COST (000)**

**Burger King Renovation**

**\$500**





# 2005 Projects



DESCRIPTION	Cost (\$000)
Demolish P-12401	482
Remove 1st set of pre-fabs	175
Lightning Protection for Add'l Sites	100
Women Museum Drainage	100
Repair Foundation & Drainage (P-10600)	225
Storm Water Repairs	50
Paving Requirements	150
Construct 10500 Gen Screen Wall	19
Bailey's Creek Erosion Repairs	100
P-8025 & P-8026 Smoke Detectors	150
Drainage Repairs @ Range 2	125
Server Consolidation in P-8534	770
FY05 WWII Demolition	94
HVAC Rplmt P-3002 DFAC	500



**\$3 M**



# Fort Lee 2020

A look at our ...

Future Projects

Great Quality of Life

New Missions



# Future Projects



<u>DESCRIPTION</u>	<u>COST (Millions)</u>
Fire & Emergency Phase 3	\$ 4.1
ADFSD Phase 2	\$20.0
MA Training Facility	\$10.2
Dining Facility	\$11.8
Garrison Opn Training Facility	\$ 8.6
AIT Barracks	\$38.0
ALMC Instruction Facility	\$33.0
Physical Fitness Center	\$16.5
49th Group Complex	\$14.4
Police/MP Phase 4	\$11.6
Installation Access Control Points	\$ 9.0
Army Family Housing Projects	\$133.1



**\$310.3 M**



# Future MCA Projects

- **Fire & Emergency Service Center, Phase 3**
  - Construct remainder of fire station
    - 12,607 SF
    - Five drive-thru bays
    - Sleeping quarters
    - Proper equipment storage areas
  - Replaces existing fire station #1





# Future MCA Projects

- **Aerial Delivery and Field Services Training Facility, Phase 2**
  - Aerial Delivery Rigger and Field Services Training Facility, 94,782 Square Feet, Connected to Phase 1 Building, West Side, Between A Ave and Shop Road
    - Classrooms
    - Applied instruction
    - Site Work
    - Utilities
    - Rigger Training Airdrop Equipment
    - C-130 Aircraft mock-up training area
    - Sling load operations and Cargo Chute training
    - Laundry/Textile Course Training
  - Second phase of two-phase project for Aerial Delivery and Field Services
  - Train officers and enlisted from all branches of the armed services
    - Parachute riggers
    - Airdrop load inspectors
    - Aerial equipment repair specialists
    - Aerial Delivery and Material Officers Course
    - Enlisted Parachute Rigger Course





# Future MCA Projects

- **Mortuary Affairs Training Facility**

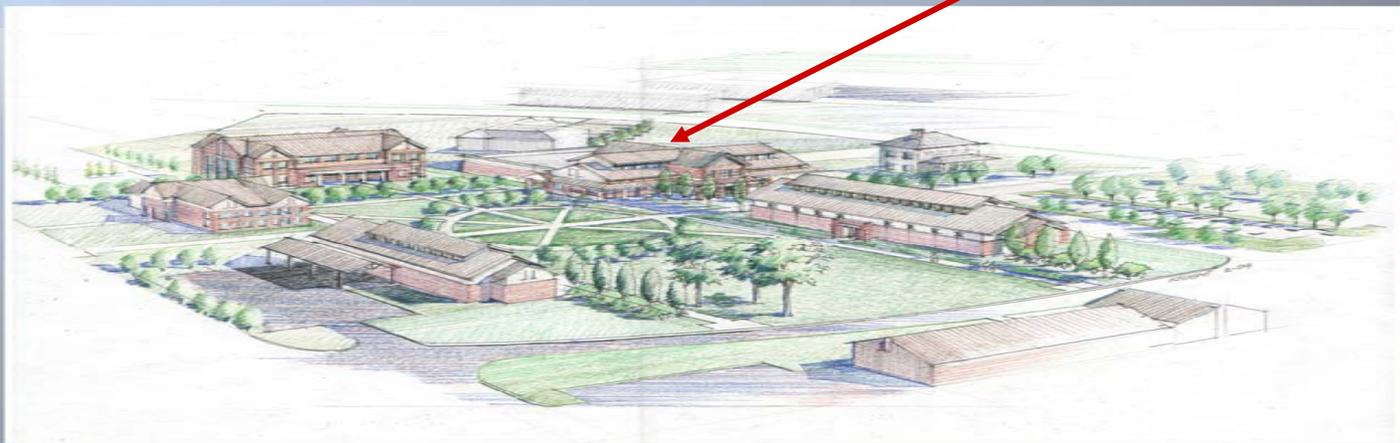
- Provide a facility for training all Mortuary Affairs units, Army and Air Force
  - Classrooms
  - Applied Instruction Areas
  - Instructional Material Storage
  - Administration and Instructor offices
  - Morgue
- New facility planned at 19th Street and B Avenue
- Replace inadequate training facilities





# Future MCA Projects

- **Dining Facility**
  - **Construct 501-800 personnel dining facility**
    - **Food preparation & cooking areas**
    - **Dining area to feed up to 800 soldiers**
    - **Storage area**
    - **Loading dock**
  - **Facility will support permanent party & AIT soldiers**



Site Rendering

49 QM Group Complex - Master Planning Charrette - Fort Lee, VA



# Future MCA Projects

- **Garrison Operations Training Facility**
  - **Construct Garrison Food Service Training Facility**
    - ACES Training Facility
    - Food preparation & cooking areas
    - Three training classes
    - 150-seat dining room
    - Storage area
    - Loading dock
  - Facility will replace an inadequate 1952 converted dining facility





# Future MCA Projects



- **AIT Barracks**

- Long term Advanced Individual Training (AIT) Barracks Master Plan
- 8 AIT Barracks Complex projects to replace all AIT Barracks with up to date facilities

- AIT Std Barracks
- Campus Plan
- Battalion HQ
- 6-Story Buildings
- 216 SF per person
- Recreation Center
- Laundry per wing
- Gender Separation
- Dining Facilities, Chapel





# Future MCA Project

- **ALMC General Instruction Facility**
  - Construct 42-classroom instruction facility
    - 12 practical exercise labs
    - HHC space
    - Administrative space
  - Courses
    - Combined Logistics Captains Career Course (CLC3)
    - DA Logistics Intern Training Program (DA LITP)
    - Joint Course on Logistics (JCL)
    - Multinational Logistics Course



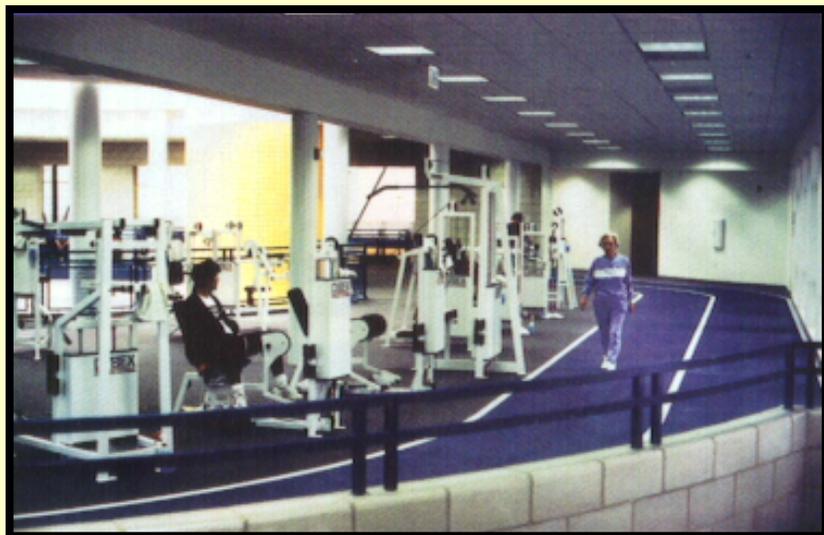


# Future MCA Projects



- **Physical Fitness Center**

- Modernize to current Physical Fitness Center Standards
  - Exercise Areas
  - Running Track
  - Goal: Provide facility comparable to private sector and college Gyms and Physical Fitness Centers





# Future MCA Projects

- **49th Quartermaster Group Complex**
  - Construct a Group Headquarters and Battalion Headquarters with classrooms, and two Company Headquarters buildings to include underground utilities; electric service; paving, walks, curb and gutters; parking; fire protections and alarm system; storm drainage; sanitary sewer; information systems; and heating and air-conditioning.



*Site Rendering*



# Future MCA Projects

- **Police/MP Facility, Phase 4**

- Construct military & civilian facility
  - Near Fire & Emergency Service Center
  - Detention cells
  - Command center
  - Arms room
  - Interview rooms
  - Stand-by generator
- Tied into enhanced 911 phone system – uninterrupted power supply





# Future MCA Projects

- **Installation Access Control Points**

- Provide Force Protection and security control access at the five permanent entrance points to the cantonment area.
  - Raised islands for sentry stations attenuators
  - Concrete safety barriers
  - Electric/hydraulic gates
  - Traffic signalization
  - Roadway improvements - multiple lane capability
- Access control required for security of the main-post cantonment area, visitor and traffic control centers required to in-process new personnel, visitors, and contractors.





# Army Family Housing

<u>FY</u>	<u>Description</u>	<u>Cost</u>
04	Replace Madison Park, Ph 1	\$18.0M
05	Replace Jefferson Terrace	\$46.0M
06	Revitalize Monroe Manor & Jeff Ter	\$13.6M
06	Replace Madison Park, Ph 3	\$19.5M
07	Revitalize Monroe Manor	\$23.6M
07	Replace Monroe Manor	\$12.4M



**\$133.1 M**



# MWR Projects

<u>FY</u>	<u>Description</u>	<u>Cost (000)</u>
06	Travel Camp	\$ 2,400
06	Kennel	\$ 425
06	Renov-Extended Stay Units	\$ 1,300
07	Conference center	\$ 47,000
07	Lodging	\$187,000



**\$238.1M**



# Future AAFES Project

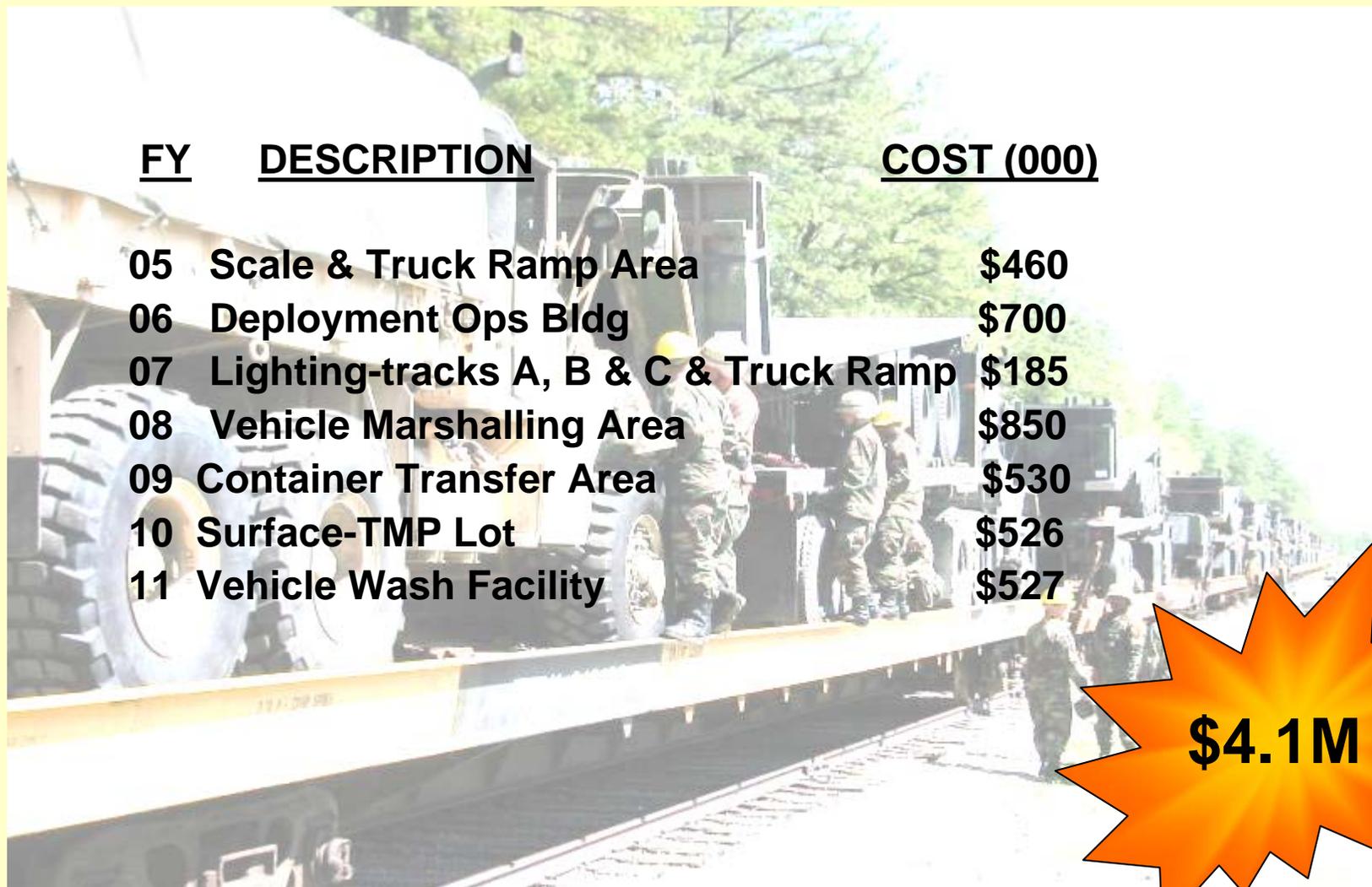
**Shoppette-24hr Gas Station-  
Popeye's**

**\$6.5 M**





# Mobility Infrastructure Projects (OMA)



<u>FY</u>	<u>DESCRIPTION</u>	<u>COST (000)</u>
05	Scale & Truck Ramp Area	\$460
06	Deployment Ops Bldg	\$700
07	Lighting-tracks A, B & C & Truck Ramp	\$185
08	Vehicle Marshalling Area	\$850
09	Container Transfer Area	\$530
10	Surface-TMP Lot	\$526
11	Vehicle Wash Facility	\$527

**\$4.1M**



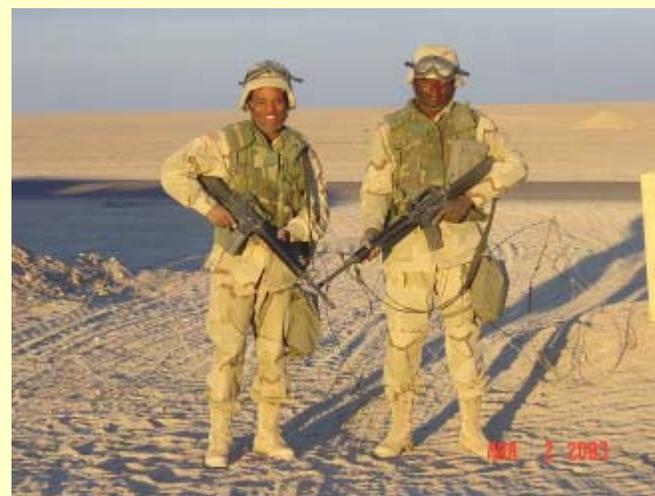
# Buildable Acreage





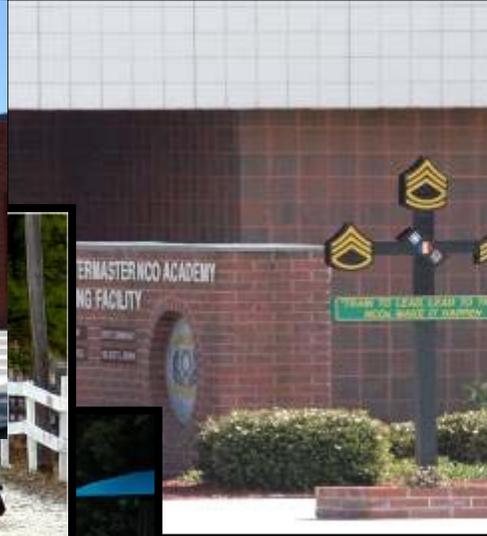
# Military Value

- **Fort Lee is a Multi-functional, Joint Logistics Center of Excellence**
  - **Jointly train Army, Navy, Air Force, Marines**
  - **Multinational Logistics Training**
  - **Unique facilities and training**
  - **Essential for the Army Transformation**
  - **Joint and Multinational Logistics concepts and doctrine development**





# Quality of Life





# Quality of Life

- **Located in a relatively rural area but have the full range of “big city” services available within minutes.**
- **The driving time associated with commuting is not an issue.**
  - \$650K of road improvements underway now.
  - City of Petersburg is now providing bus service
  - Discussing other road improvements with VDOT
- **Many of our FT Lee community facilities are at maximum capacity now and we will need additional construction**
  - Child Care – NAEYC accredited; must expand to meet new population needs
  - Middle School and Teen programs – must expand to meet new population needs
  - Gyms/Fitness Centers – must expand to meet new population needs
- **Excellent schools**
- **Housing – affordable, capacity and willingness to expand.**
- **Superb community relationships.**



# Fort Lee



*The Flagship Installation for Logistics Excellence  
...With Room to Grow!*



# CSS Center of Excellence Concept Briefing

**COL Mike Mullins**  
**Deputy Commander for Training**



# BRAC Recommendations and Impacts

Mrs. Esther T. Lee

Deputy Garrison Commander and  
BRAC Implementation Team Leader



# Fort Lee BRAC Recommendations

## **Ordnance School**

Aberdeen Proving Ground

## **Transportation School**

Fort Eustis

## **Munitions & Electronics Maintenance School**

Redstone Arsenal

## **DeCA Consolidation**

Hopewell  
Virginia Beach  
San Antonio

## **Defense Contract Management Agency**

Alexandria (Leased Space)



## **Air Force Culinary Training**

Lackland AFB  
USN Great Lakes Tng Center

## **Air Force Transportation Training**

Lackland AFB



# Stationing Actions Requested

## Ordnance School

Fort Jackson  
-63B Training  
-187<sup>th</sup> Ord Bn



## Fort Bliss

72<sup>nd</sup> MP Company



# CSS Stationing Actions Requested (not at Fort Lee)

## **Ordnance School**

35S from Fort Bliss to Fort Sill

63A/M from Fort Knox to Fort Benning

63H from APG/Edgewood to Fort Benning

Tech Escort from Redstone Arsenal to Fort Leonard Wood

63D from APG/Edgewood to Fort Sill

## **Transportation School**

88M from Fort Bliss to Fort Leonard Wood



# Recommend Remain in Place

## Ordnance School

Redstone Arsenal

- Hazardous Devices Tng School
- EOD Training

## Transportation School

Fort Eustis

- Maritime Tng
- Cargo Tng
- Rail Tng



# BRAC Totals

<u>INSTALLATION</u>	<u>MILITARY</u>	<u>CIVILIAN</u>	<u>STUDENTS AL</u>	<u>STUDENTS ADL</u>	<u>CONTRACTORS</u>
Redstone E & M	250	122	2,703	898	40
Aberdeen Ord Sch	612	189	11,698	1,979	111
Eustis Trans Sch	215	403	5,910	473	40
Jackson 63B and 187th	202	83	5,269	1200	0
Lackland Culinary	59	1	1,832	217	0
Great Lakes Culinary	24	0	1,373	122	0
Lackland Trans	15	3	612	97	0
Bliss 72 <sup>nd</sup> MP Co	70	0	0	0	0
DeCA	1	337	0	0	0
DCMA	45	523	0	0	65
<b><u>TOTALS</u></b>	1,493	1,661	29,397	4,986	256



# Fort Lee BRAC Summary

## BRAC 05 Recommendations (COBRA Data)

Net Personnel Impacts			MILCON
Military	Civilian	Student	Cost Estimate
+1,228	+1,149	+5,011	\$626M

## Fort Lee Requirements Analysis

Net Personnel Impacts			MILCON
Military	Civilian	Student	Cost Estimate
+1,493	+1,661	+4,986	\$1,298.4M

**Current total estimate for all MILCON, including support requirements not included in the BRAC COBRA estimates, is **\$1,714.64M****



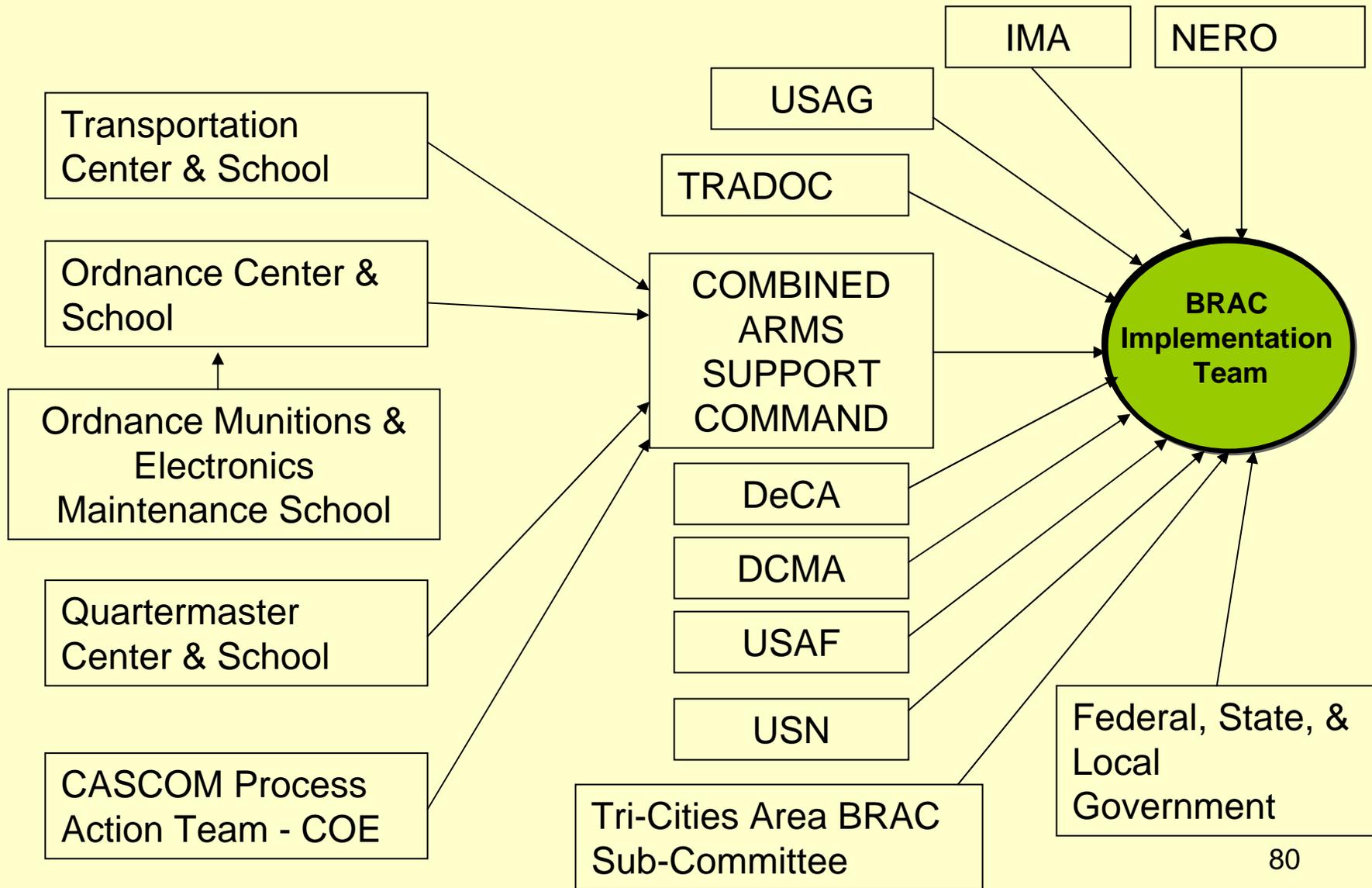
# Fort Lee Population Growth

- If all BRAC Recommendations and Stationing Actions are approved...

Average Daily Student Load	↑	95%
Military Permanent Party	↑	47%
Civilian Workforce	↑	68%



# Who is Working on BRAC?





# BRAC Implementation Team

- Led by Esther Lee
- Representatives from:
  - DOIM, EEO, PAO, Manpower, Budget, Environmental, Commissary, PX, DPTMS, HRD, MWR, IRAC, Master Planning, DPWL, Medical, Dental, Emergency Services, PMO, Contracting, CASCOM, CPAC, JAG, Corps of Engineers, Chaplain, Safety, PAI



# BRAC Field Teams

- Teams visited all activities due to move:
  - Lackland AFB
  - Aberdeen Proving Ground
  - Redstone Arsenal
  - Fort Eustis
  - DeCA (local HQ)
  - DCMA
  - Fort Jackson (28-29 June)
- Teams included master planners, environmentalists, and senior Garrison staffers



# Tri-Cities Area BRAC Sub-Committee

- Regional Group
- Led by Denny Morris, Director, Crater Planning Commission
- Working with municipalities, businesses and Governor's Office
  - Addressing housing, schools, roads, etc.
- Planning for Implementation
  - Getting lessons learned from Fort Leonard Wood area
  - Visits to incoming personnel
  - Informational Video and brochures (housing, schools, employment, health care, recreation)
  - Enhancing local websites to include more “welcoming” information



# Environmental Issues Identified

Air Quality	Will need Title V permit
Archeological	Sites identified, artifact recovery not necessary
Land Use	No impact
Noise	Non-issue for small arms
Endangered Species	Critical habitat for Bald Eagle impacts 2% of total land
Environmental Restoration	None
Waste Mgmt	No impact
Wetlands	Can replace 2 for 1 or use DOD Wetland Bank
Water Resources, Dredging, Marine Mammals	No impact



# Fort Lee's Progress

- Reviewed COBRA Data
- Obtained Data directly from incoming organizations
- Directed questions to TABS Group
- Continuing to build 1391s
- Participating in TRADOC, NERO & CASCOM VTCs
- Writing individual Action Plans per Army guidance-
  - Facilities, Logistics, NEPA, Manpower, Financial, Information Technology, MWR, Medical, AAFES, Religious Support, Operations
- Entire Implementation Plan due to NERO 9 Sep 05



# BRAC Construction Requirements

Mr. Greg White

Director, Public Works & Logistics



# Assumptions

- Housing for TDY Military will be provided by the private sector or Lodging.
- Fort Pickett will support all large Field Training Activities
- An additional space requirement of 15% will be added to AIT UPH requirements to account for gender separation.
- Barracks will be standard design (2+2 w/ 216 SF of living space in each room) – some sharing of barracks may be necessary.



# CSS BRAC Requirements Analysis

## HQ, LOG COE

300 Mil (PP) / Civ  
4 GOs  
1 SES

Ofc Cdr, Historian, Ex Ops,  
Cmd Planning, Info Svc,  
RM & G1 SMO PRO

## Lee Facility Requirements

57,719 SF Admin

} PN 64348  
\$ 15.5M

## Logistics University w/ALMC

807 NCOA ADL  
1,858 Other ADL

OBC, WOBC, PCC, CLC3  
Co Cdr, NCOA & 1<sup>st</sup> Sgt

## Lee Facility Requirements

133,250 SF Gen Instr  
52,063 SF Admin/OPS

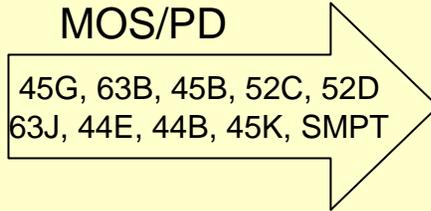
} PN 64147  
\$ 51.0M



# CSS BRAC Requirements Analysis

## APG/Edgewood

612 Mil (PP)  
 5,695 Students AL\*  
 1,224 ADL\*  
 189 Civ



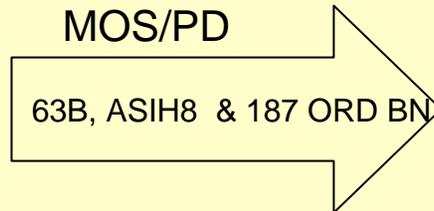
## Lee Facility Requirements

299,146 SF Gen Instr  
 460,672 SF Applied Instr  
 115,166 SF Admin  
 24,984 SF Veh Maint  
 158,783 SF Museum & Restor  
 Fac  
 36,244 SF Storage

} PN 64349  
 \$ 301.0M

## Jackson - (AR 5-10 Action)

202 Mil (PP)  
 4,885 Students AL\*  
 1,182 ADL\*  
 83 Civ



## Lee Facility Requirements

258,860 SF Applied Instr  
 6,152 SF Admin  
 3,840 SF Storage  
 11,460 SF Vehicle Maint

} PN 64377  
 \$ 90.0M

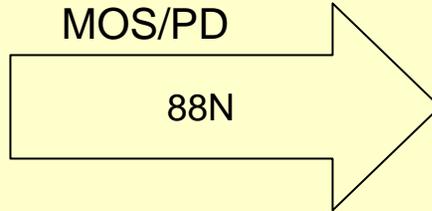
\*AIT only



# CSS BRAC Requirements Analysis

## Eustis

215 Mil (PP)  
704 Students AL\*  
87 ADL\*  
403 Civ



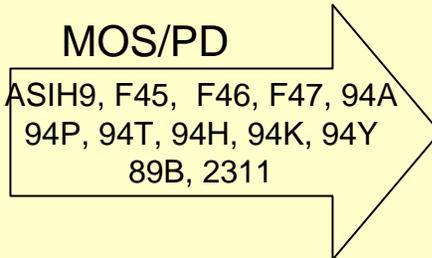
## Lee Facility Requirements

67,728 SF Gen Instr  
15,915 SF Applied Instr  
57,156 SF Admin  
304,200 SF Museum  
17,658 SF Storage

} PN 64116  
\$ 91.0M

## Redstone

250 Mil (PP)  
1,073 Students AL\*  
327 ADL\*  
122 Civ



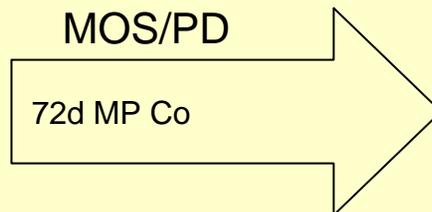
## Lee Facility Requirements

154,482 SF Gen Instr  
249,781 SF Applied Instr  
6,648 SF Admin  
7,859 SF Storage

} PN 64353  
\$ 126.0M

## Bliss – (AR 5-10 Action)

70 Mil (PP)



## Lee Facility Requirements

15,028 SF Co OPS  
7,851 SF Veh Maint  
1,750 SF Storage

} PN 64378  
\$ 7.0M

\*AIT only



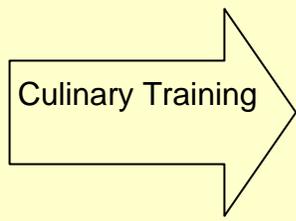
# Joint CSS BRAC Requirements Analysis

## Lackland Culinary

59 Mil (PP)  
1,832 Students AL  
217 ADL  
1 Civ

## Navy - Great Lakes

24 Mil (PP)  
1,373 Students AL  
122 ADL



## Lee Facility Requirements

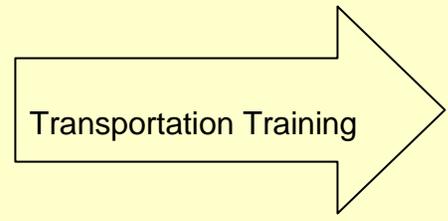
19,000 SF Gen Instr  
36,000 SF Applied Instr  
1,000 SF Org Instr  
2,000 SF Admin  
2,000 SF Vehicle Maint

PN 64113  
\$ 18.5M

Consolidated with Quartermaster School

## Lackland Transportation

15 Mil (PP)  
612 Students AL  
97 ADL  
3 Civ



## Lee Facility Requirements

9,000 SF Gen Instr  
16,000 SF Applied Instr  
1,000 SF Org Instr  
5,000 SF Admin  
1,000 SF Vehicle Maint

PN 64114  
\$ 9.1M

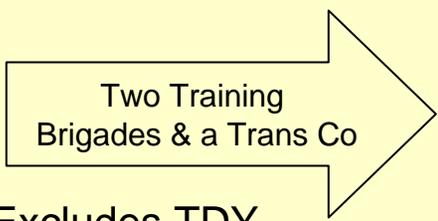
Consolidated with Transportation School



# BRAC UPH & DFAC Requirements Analysis

## UPH/Dining/OPS (AIT)

1,493 Mil (PP)  
 16,174 Students AL\*  
 3,256 ADL\*  
 1,661 Civ



\* Excludes TDY

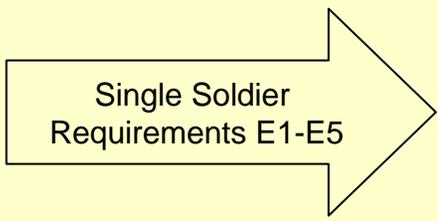
## Lee Facility Requirements

1,011,150 SF UPH (AIT)  
 96,148 SF DFAC (AIT)  
 255,621 SF HQ/OPS

} PN 64119  
 \$ 409.0M

## UPH/Dining (PP)

264 Mil (PP)



## Lee Facility Requirements

102,432 SF UPH  
 13,245 SF DFAC

} PN 64109  
 \$ 35.0M



# DOD BRAC Requirements Analysis

## Defense Contract Management Agency

45 Mil (PP)  
523 Civ  
65 Contractors



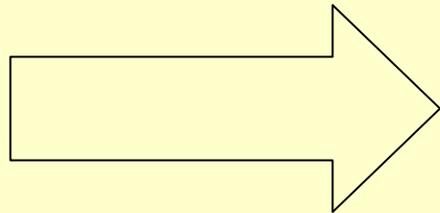
## Lee Facility Requirements

126,301 SF Admin/OPS  
10,000 SF Storage

} PN 64107  
\$ 35.0M

## Defense Commissary Agency

1 Mil (PP)  
337 Civ



## Lee Facility Requirements

207,000 SF Admin/OPS  
40,000 SF Storage

} PN 64118  
\$ 54.0M



# LOG Warrior Training Requirements

PROJECT DESCRIPTION	PROJECT NUMBER	COST \$(000)
Forward Operating Bases (FOB) [4 Company, 1 Log Support, 2 Large]		
Enhancements to Convoy Life Fire Training Area		
MOUT Training Facility (3 per FOB)		
Munitions Training Area (Disposal Area for Live 105 Rounds)		
Equipment Recovery Training Course (100 acres)		
DFAC (1000 person/ 300 seats)		
Barracks (100 Person 2+2 with Admin Space)		
Storage		
Range Upgrades (M-16, Zero & Multi-purpose)		
<i>Note:</i> MEDCOM submit OMA 4283 for TMC (Troop Medical Clinic)		
<b>TOTAL</b>	<b>PN 64237</b>	<b>\$137M</b>



# Fort Lee Community Support Requirements

	<b>PROJECT DESCRIPTION</b>	<b>PROJECT NUMBER</b>	<b>COST \$(000)</b>
1	DPTMS Expansion (Training Aids Center)	64394	3,200
2	Central Issue Facility	64354	8,600
3	Laundry Support Facility	64355	1,400
4	Transportation Motor Pool	64356	170
5	Shipping, Receiving & Storage (CRP & ASL)	64357	3,400
6	Hazardous Materials Facility	64358	440
7	Land Vehicle Fueling Facility – Diesel/JP8	64360	80
8	DOIM Expansion	64361	16,500
9	Roadway & ACP Improvements	64362	15,500
10	DPWL Admin/Contractor Expansion	64141	1,800
11	DPWL Maintenance	64383	7,700
12	Family Housing – 448+ Units	64122	138,000
13	Soldier Support Center	64146	20,000



# Fort Lee Community Support Requirements (Cont)

	<b>PROJECT DESCRIPTION</b>	<b>PROJECT NUMBER</b>	<b>COST \$(000)</b>
14	Chapel	64124	8,700
15	Physical Fitness Centers	64142	33,000
16	Child and Youth Services	64143	6,400
17	Dental & Troop Medical Clinic	64145	17,500
18	Kenner Health Clinic Alteration	64332	5,200
19	Fire Station	64351	5,900
20	Youth Center & Sports	64372	6,400
21	Recreation Center	64387	13,600
22	Library	64388	3,100
23	Aquatics Center	64389	3,950
24	Athletic Fields	64390	5,200
25	PX / Exchange	64398	9,800



# BRAC Construction Requirements

- The information contained herein remains a work in progress
- Continuing to work on refining requirements
- Continuing 1391 meetings with customers
- Cost estimate validation process continues w/customers

**ANALYSIS  
CONTINUES**







# LOG Warrior Training at Fort Pickett

Mr. Don Bradshaw

Director, Plans, Training, Mobilization & Security



# Logistics Warrior Training Concept

- Focuses on the Warrior Training Tasks and Battle Drills
- Integrated and Multifunctional Training
  - Leader Training is multifunctional
  - AIT is MOS centered
- Blend of Tactical and Technical in a field environment



# Logistics Warrior Training Concept

- Live/Train as you would downrange
- Training Committees conduct Weapons, STX and CLF training
- FT Lee Log Warrior is training base model
- FT Knox, FT McCoy & FT Jackson FOB models
- Planning factor of 1300 Soldiers ADL
- Duration still to be finalized





# Warrior Training at FT LEE



## Shoot (16-17 Tasks)

- Qualify w/ assigned weapon
- Correct malfunctions w/ assigned weapon
- Engage targets with M240B MG
- Engage targets with M60 or M249 MG
- Engage targets with M2 Cal. 50 MG
- Engage targets with MK-19 MG
- Correct malfunctions of a MG (M2, M240B, M249, MK-19)
- Engage targets with weapon using a night vision sight (AN/PVS-4, AN/PAS-13, AN/TVS-5)
- Engage targets using an aiming light (AN/PEQ-2A, AN/PAQ-4)
- Employ mines and hand grenades

## Communicate (4-5 Tasks)

- Perform voice communications (SITREP, SPOTREP, Call for Fire, & MEDEVAC)
- Use visual signaling techniques

## Joint Urban Operations (3 Tasks)

- Perform movements techniques during an urban operation
- Engage targets during an urban operation
- Enter a building during an urban operation



## Move (7-8 Tasks)

- Determine location on ground (terrain association, map, & GPS)
- Navigate from one point to another (dismounted & mounted)
- Move over, through, or around obstacles (except minefields)
- Prepare/operate a vehicle in a convoy

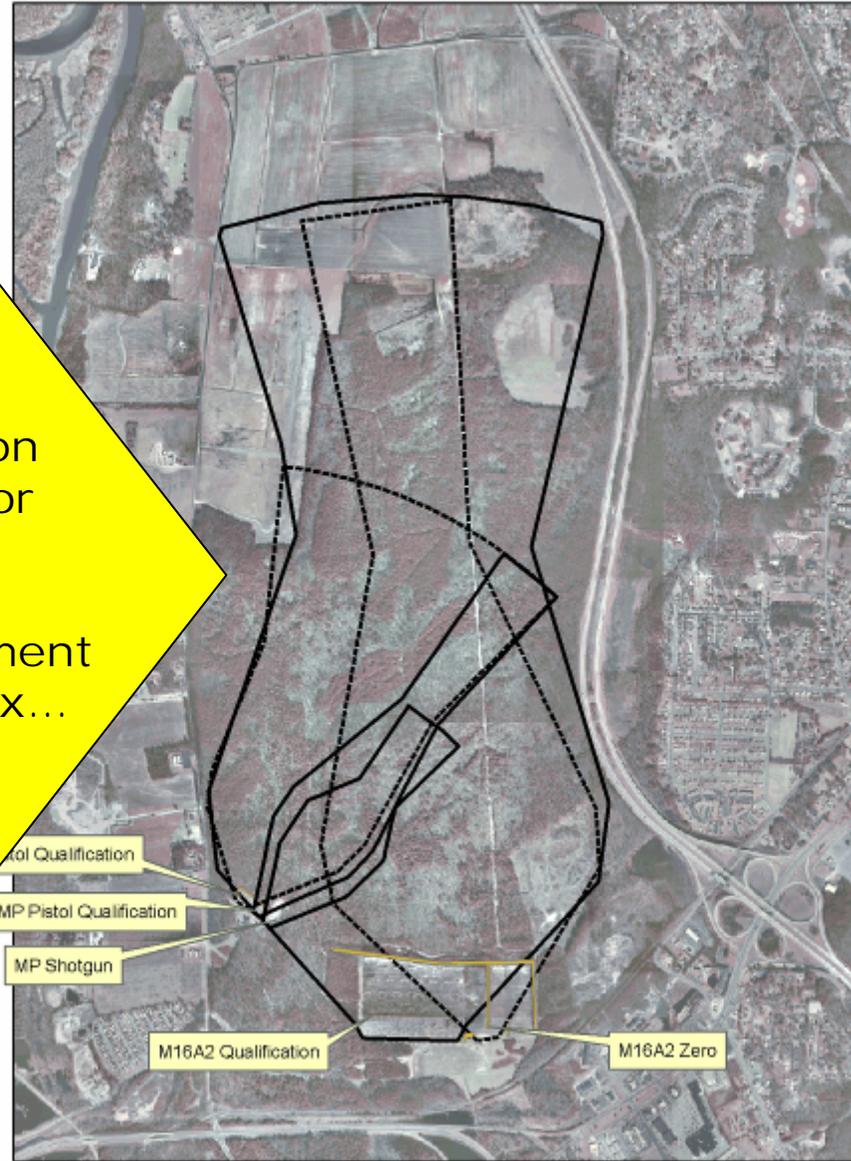
## Fight (15 Tasks)

- Move under direct fire
- React to indirect fire (dismounted & mounted)
- React to direct fire (dismounted & mounted)
- React to unexploded ordnance hazard
- React to man-to-man contact (Combatives)
- React to chemical or biological attack/hazard
- Decontaminate yourself & individual equipment using chemical decontaminating kits
- Maintain equipment
- Evaluate a casualty
- Perform first aid for open wound (abdominal, chest, & head)
- Perform first aid for bleeding of extremity
- Select temporary fighting position

Red Not Supportable  
Amber Partially Supportable  
Green Fully Supportable



## Current Range Configuration



Current Range configuration cannot fully support Warrior Task and CLFX Training.

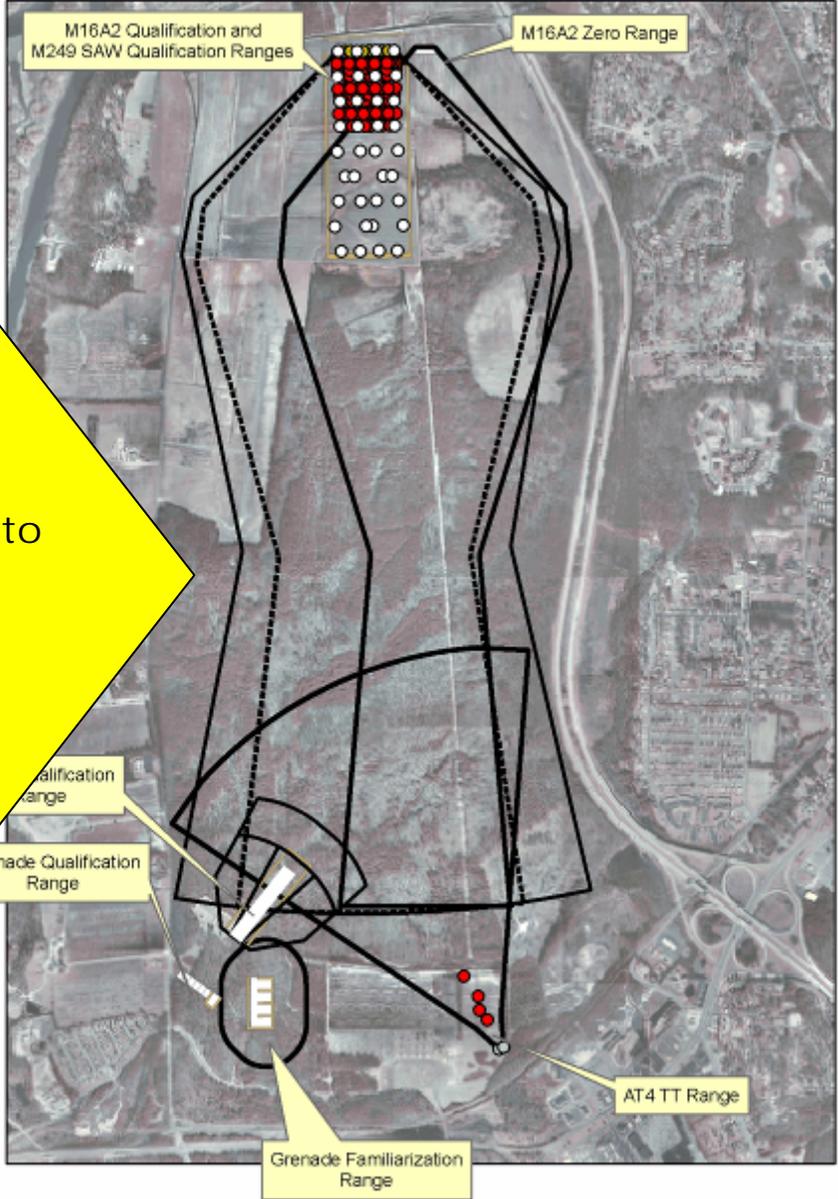
In our future Range Development we sought to change the box...

11/08/04





# Fort Lee Range Development Plans



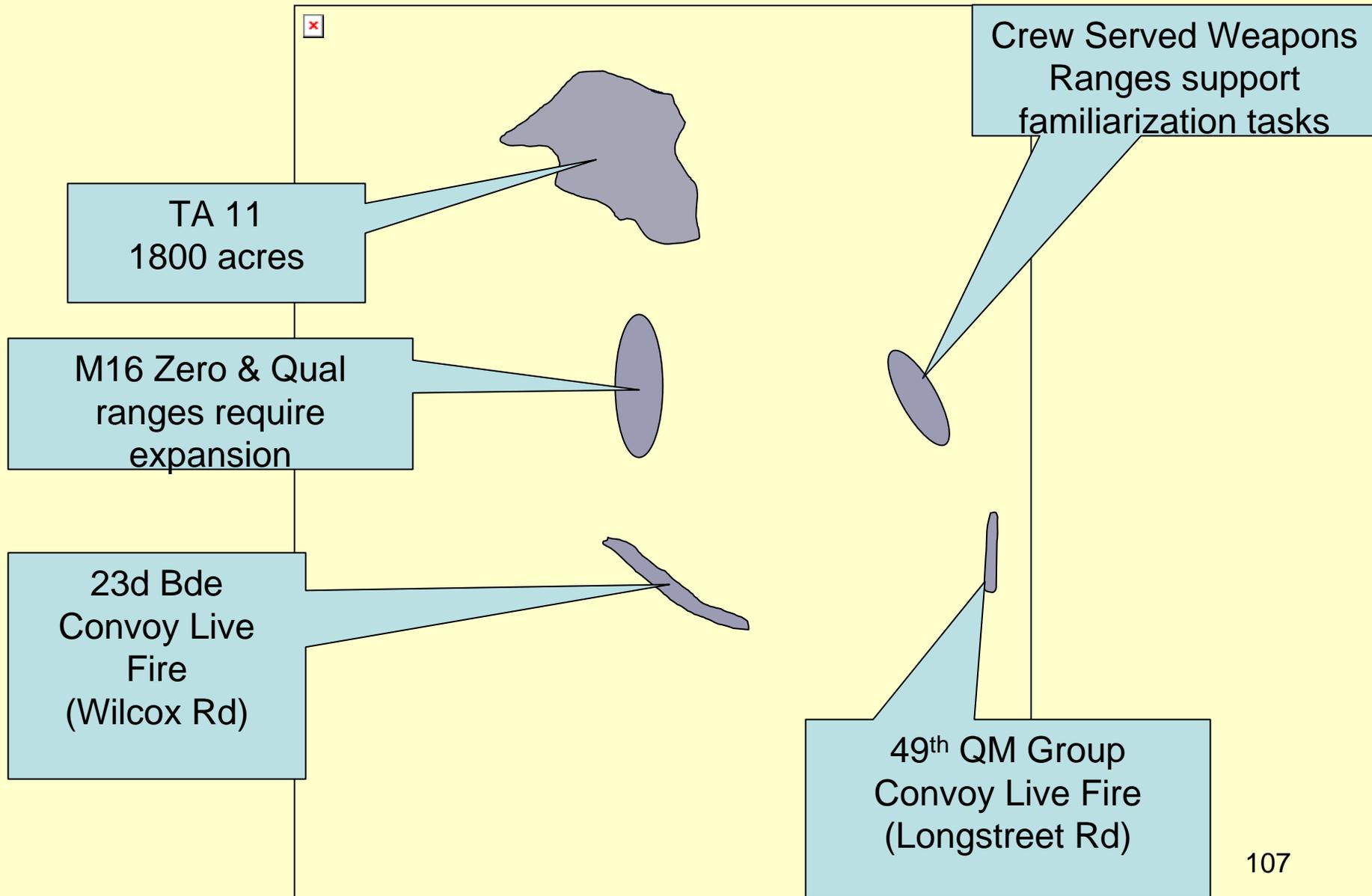
11/08/04

However, emerging TTPs & BRAC load increases continue to stretch the box

We found a better one...



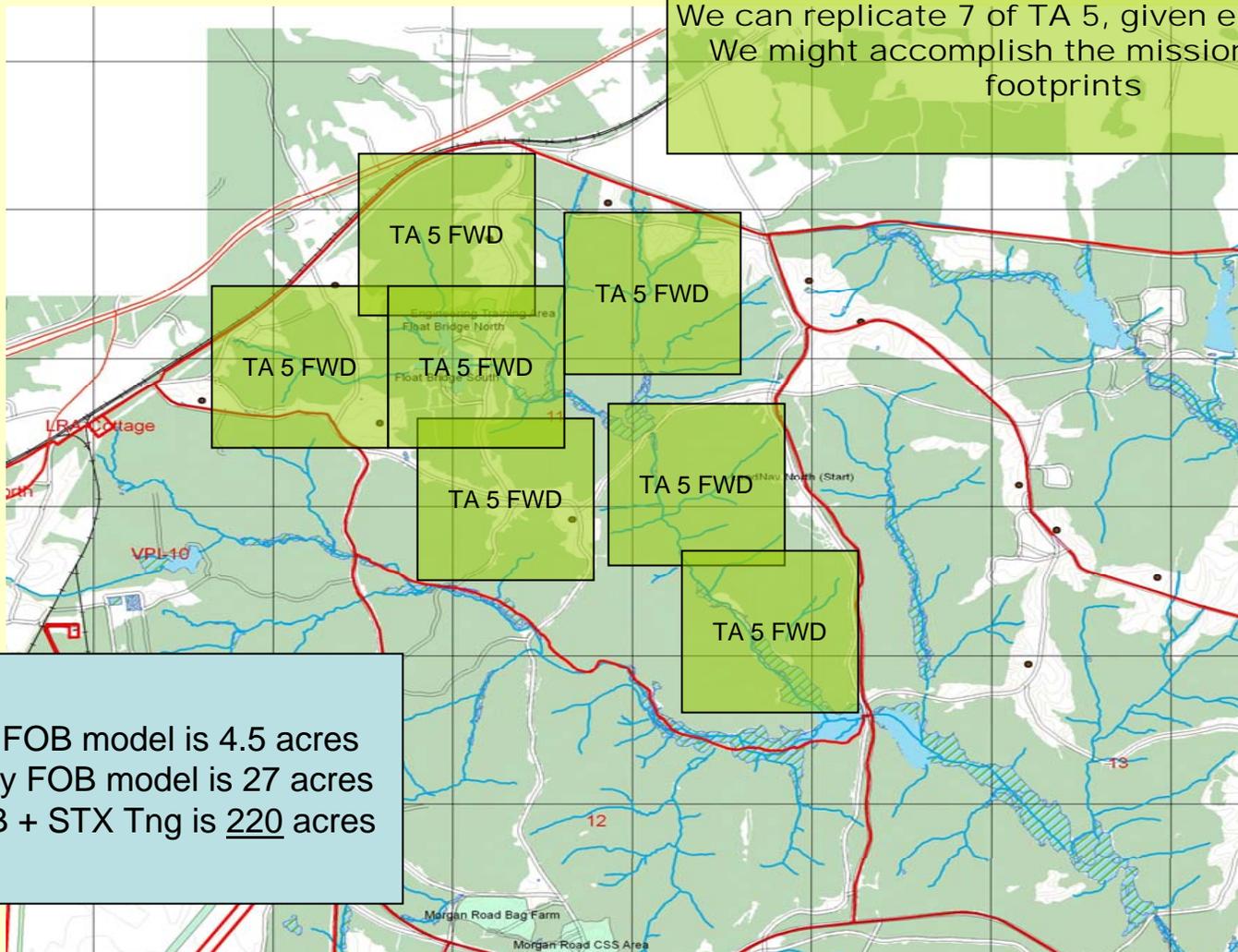
# Warrior Training at FT Pickett





# Warrior Training at FT Pickett

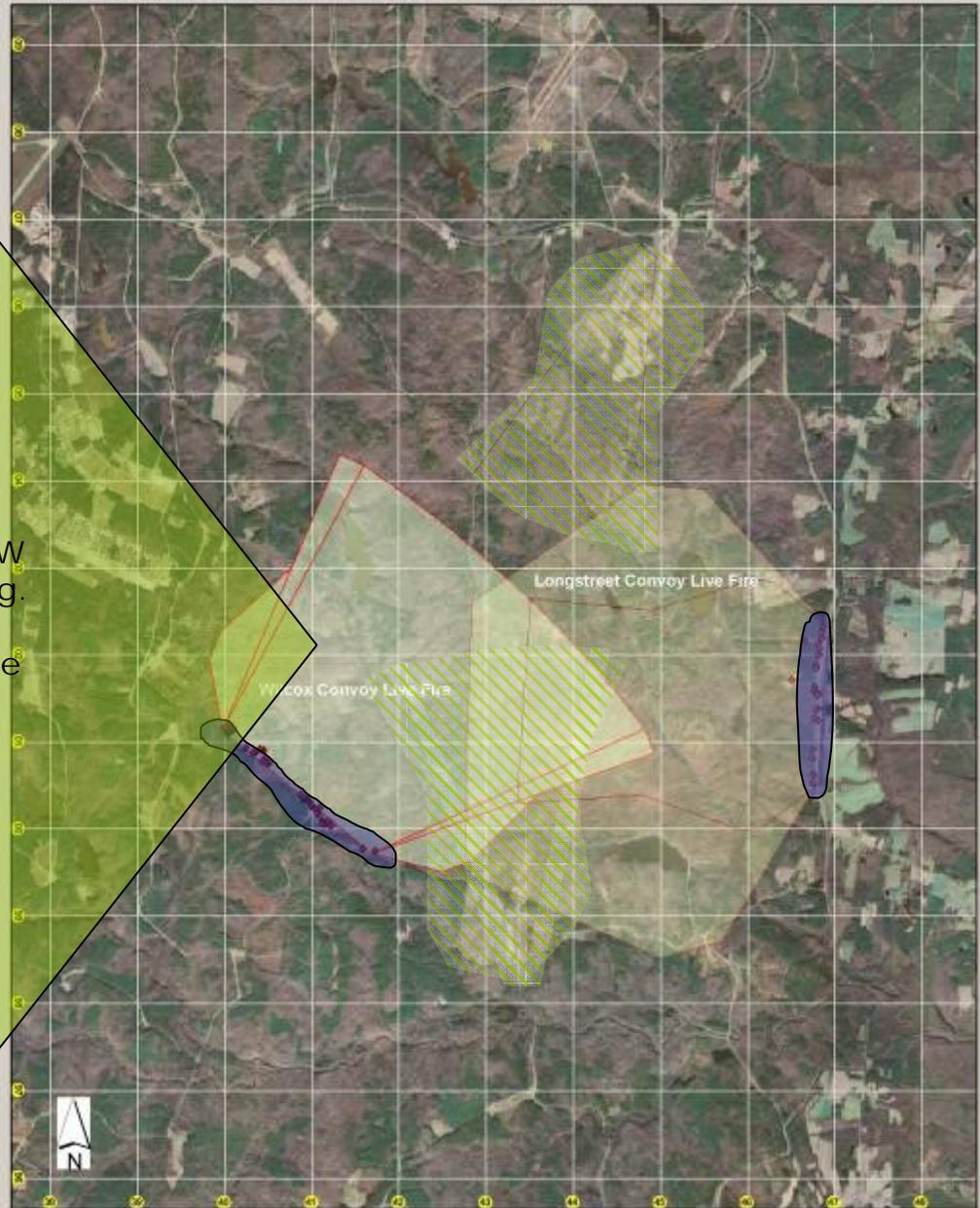
We can replicate 7 of TA 5, given emerging POIs  
We might accomplish the mission in smaller footprints



FT Knox FOB model is 4.5 acres  
FT McCoy FOB model is 27 acres  
TA 5 FOB + STX Tng is 220 acres



## Existing Convoy Live Fire Courses



Regarding SDZs, FT Pickett's are IAW Safety standards. Training is ongoing. Future CLFX to North and South are integrated into Infantry Plt Battle Course & Multipurpose Range construction.



# Logistics Warrior Training Concept

- **Forward Operating Bases**
  - **Company and Company (+) sized**
  - **Security Operation/Entry Control Point Procedures**
  - **Life Support Area**
  - **STX Area**
  - **3 building MOUT**
- **Logistics Support Base**
  - **Food Service Support**
  - **Troop Medical Clinic Support**
  - **Training Aids/Storage**
  - **Vehicle Support**
  - **Administrative Support**
- **Convoy Live Fire**
- **Weapons Qualification and Familiarization**
  - **EST 2000**



# Logistics Warrior Training Concept

- Additional Training Facilities (site placement tentative)
  - Munitions Training Facility
    - 89B
  - Equipment Recovery Course
    - Vehicle Driving
    - Vehicle Recovery
- Range Upgrades: M16 Qual & Zero
- Crew Served Ranges can absorb the load



# Where We Are

- Recognized benefit to Active, Reserve and Guard training needs – cooperative effort
- Open coordination with Commonwealth of Virginia
- Two FT Pickett Site visits conducted already
  - Provided concept and projected requirements
- FT Pickett identified suitable training land
- ISSA research initiated
- Meeting 29 June with CSM of each School & CASCOM for azimuth check
  - Insights from those having been deployed
  - Review requirements from trainer point of view for specific MOS requirements
  - Walk the ground to verify training site placements (date TBD)



# Issue

- Will the increase in training activity and nature create any safety issues?
  - We foresee no new safety issues created by the increases, but more training requiring oversight



# Issue

- The explosives used in EOD training currently taught at Redstone Arsenal may exceed the capacity of FT Lee both in terms of range safety fans and noise abatement issues. What are the mitigation issues? Will training be affected or degraded by these measures?
  - The EOD (MOS 89D) is not moving to FT Lee



# Issue

- How will the CSS School conduct convoy training. Will such training involve live fire? What site and safety fan will be available for such training?
  - Convoy Live Fire (CLF) will be trained using the Crawl, Walk and Run methodology which includes Live Fire. The training will be conducted at FT Pickett. CLF is currently conducted at FT Pickett by the QMCS and the 49<sup>th</sup> QM Group on two sites, well within the safety parameters of FT Pickett. Expansion of these facilities will also fall within these parameters.



# LOG Warrior Training at Fort Pickett

- Training requirements will continue to be refined
- Site placements may change out of refinement process

**ANALYSIS  
CONTINUES**



# Summary

Fort Lee, with the full participation of all stakeholders, including the local community, stands ready, willing and able to execute all the BRAC recommendations.

*The Flagship Installation for Logistics Excellence  
...With Room to Grow!*