

BRAC BRIEF



27 June 2005

As of: 24 June 2005

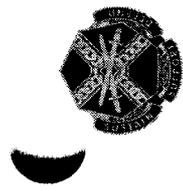
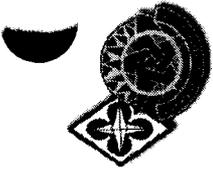
Received 13 Jul '05



COBRA/TABS/Draft 1391 Analysis

*John M. ...
... Branch ...
... (Main Room) ...*

**Mr. Greg White
Director, Public Works & Logistics**



Purpose

- To identify and justify differences between the facility square foot requirements, construction costs, and population totals provided in TABS/COBRA data and developed in Draft 1391s



Square Foot Analysis

What's needed?
What with AC

zero sheet

What's done?
No empty bldgs?

Logistics Excellence
Gen of

CASCOM, QM, ORD, TRANS Ldrs (PN 64348)

TABS SF (000)
0

COBRA SF (000)
0

Draft 1391 SF (000)
57.7

15.5M

- Since TABS and COBRA SF data is summary level, unable to identify this specific requirement in TABS and COBRA
- 8k SY Parking required in Draft 1391

Logistics University (PN 64147)

TABS SF (000)
0

COBRA SF (000)
0

Draft 1391 SF (000)
185.3

51M

- Since TABS and COBRA SF data is summary level, unable to identify this specific requirement in TABS and COBRA
- 46k SY Parking SF required in Draft 1391

Trng Fac +
NEO Acad

About AIT

Interval along



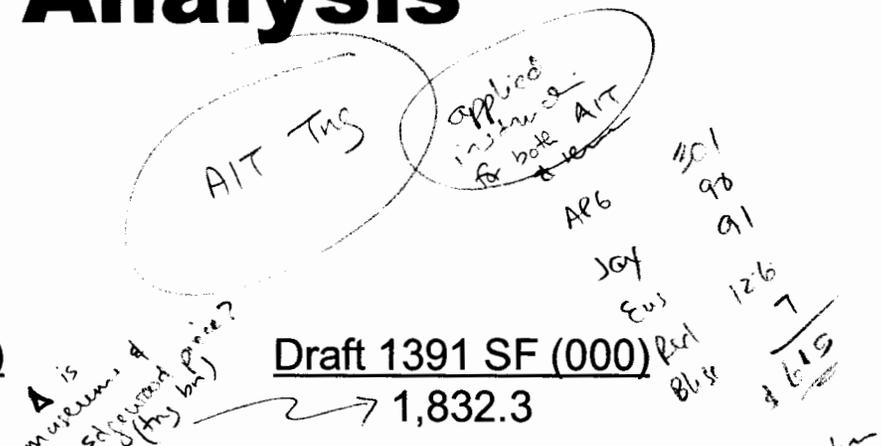
Square Foot Analysis

CSS Center (PNs 64116, 64349, & 64353)

TABS SF (000)
1,288.0

COBRA SF (000)
1,292.0

Draft 1391 SF (000)
1,832.3



- TABS/COBRA data presented as one line item; unable to identify specific APG/Edgewood, Eustis, Redstone requirements
- TASC (FAC 1732) included in COBRA but not in TABS (4k SF)
- TASC (FAC 1732), Misc. Training (FAC 1790), Ammo Storage (FAC 4221), HAZMAT Storage (FAC 4424), Enclosed Storage (FAC 4421), Covered Storage (FAC 4422), Controlled Humidity Storage (FAC 4425), Eating Facility (FAC 7332), and Museum Support Facility (FAC 7601) included in Draft 1391 but not in TABS (397k SF)
- TABS and COBRA did not include Museum or School of Military and Packaging Technology requirements
- Draft 1391 SF based on school input
- Garrison/Community facilities not included
- 219k SY Parking required in TABS and COBRA; 103k SY Parking required in Draft 1391

304 SF How big is current museum?
museum blanchin (secure weapon storage)

22K in TABS
\$22.9M
Trans School cafeteria
Non-AAFES

Museum - TABS included museums. when's construction?
- APG & Eustis.

Edgewood including?
- is it in TABS then
906 input
no # (~31)
APG- 19.510
4 Not in BRAC



Square Foot Analysis

Jackson (PN 64377)

TABS SF (000)
0

*CSS Ctr
63B - Lt
Whole of Vet
mud*

COBRA SF (000)
0

*187 BN + AIT
@ Jcy (5269 input)
1200 beds
285 PP*

Draft 1391 SF (000)
300.5

?

- Stationing move, not included in TABS or COBRA
- Will become part of CSS Center
- Parking requirement not identified

How to handle all BRAC?

Lackland/Navy Great Lakes Culinary (PN 64113)

TABS SF (000)
60.0

instructed

COBRA SF (000)
0

*NO Acad well
barracks
- 90ft²
- COBRA used
60ft² vs
90ft²*

Draft 1391 SF (000)
60.0

*59 PP
217 str*

- No MILCON in COBRA; only 50k SF of barracks rehab
- 9k SY Parking required in TABS and Draft 1391

Lackland Transportation (PN 64114)

TABS SF (000)
27.0

instructed

COBRA SF (000)
0

what is this?

Draft 1391 SF (000)
32.0

- No MILCON in COBRA; to be consolidated/included in CSS MILCON
- 5k SY Parking required in TABS and Draft 1391



Square Foot Analysis

- included barracks for TOY Lee assumes off post housing.

cap ground current vs. needed

49% (1200 PP Single Sold out)

AIT UPH/Dining/OPS (PN 64119)

TABS SF (000)
1,565.0

COBRA SF (000)
1,467.0

Draft 1391 SF (000)
1,362.9

- Since TABS and COBRA SF data is summary level, unable to identify PP DFAC vs. AIT DFAC; All DFAC (PP and AIT) SF is included in above TABS and COBRA data
- Since TABS and COBRA SF data is summary level, unable to identify specific parking for OPS and Dining; 28k SY Parking required in Draft 1391

PP UPH/Dining (PN 64109)

TABS SF (000)
54.0

COBRA SF (000)
51.0

Draft 1391 SF (000)
105.2

15.5 SF 2 is DFAC rest in barracks

- Since TABS and COBRA SF data is summary level, unable to identify PP DFAC vs. AIT DFAC; No DFAC SF is included in TABS and COBRA
- Since TABS and COBRA SF data is summary level, unable to identify parking for UPH and Dining; 8k SY Parking required in Draft 1391

Current vs. needed



Square Foot Analysis

*• # Δ'ing (pop)
• net vs gross issues.*

Defense Contract Management Agency (PN 64107)

<u>TABS SF (000)</u>	<u>COBRA SF (000)</u>	<u>Draft 1391 SF (000)</u>
169.0	169.0 ← <i>need less?</i>	138.4

- 18k SY Parking required in TABS and COBRA; 17k SF Parking required in 1391
- Draft 1391 SF based on DCMA input and Admin space regs
- SCIF (FAC 1404) and Controlled Humidity Storage (FAC 4425) included in 1391s but not in TABS (22k SF)

*54 mil
496 CIV
550*

Defense Commissary Agency (PN 64118)

<u>TABS SF (000)</u>	<u>COBRA SF (000)</u>	<u>Draft 1391 SF (000)</u>
222.0	208.0	141.1

add-on vs. stand alone

- 12k SY Parking required in TABS/COBRA/1391 ← *already have?*
- Draft 1391 SF based on DECA input and Admin space regs
- Enclosed Storage (FAC 4421) and Controlled Humidity Storage (FAC 4425) included in 1391s but not in TABS or COBRA (23k SF)

*1 mil
346 CIV
347*



Square Foot Analysis

Cost \$139 M

Fort Pickett (PN 64237)

TABS SF (000)
0

COBRA SF (000)
0

Draft 1391 SF (000)
379.3

- Fort Pickett requirement not identified in TABS or COBRA
- PN 64237 also includes requirements not measured in SF (Hvy Demo Area, Veh Equip Recovery Area, Forward Operating Base, Convoy Live Fire, M16 Range, Multi-Purpose Range, Military Operations Urban Terrain)

Family Housing (PN 64122)

TABS SF (000)
66.0

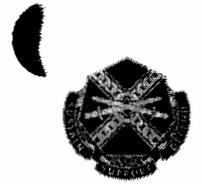
COBRA SF (000)
61.0

Draft 1391 SF (000)
576.5

Cost

- Draft 1391 number of housing units (427) based on populations provided by relocating activities, 86% PP marriage rate, and Fort Lee on-post housing requirements analysis. Draft 1391 SF based on a planning factor of 1,350 SF per unit.

① = units
②
③ off-post not avail?
RCI? Accelerat?
109 new.



Square Foot Analysis

include all initiatives

Cost

Garrison/Community Support (various PNs)

TABS SF (000)
173.0

COBRA SF (000)
163.0

Draft 1391 SF (000)
675.1

- TABS and COBRA do not include DPTMS expansion, CIF, Laundry, TMP, Ship/Rec/Stge, HAZMAT, Fueling, DOIM expansion, Road/ACP improvements, DPWL contractor space, DPWL expansion, SOS, Medical clinic, Medical expansion, Fire Station, Youth Cnt, Rec Cnt, Library, Physical Fitness Cnt, and Athl Fields

Team Med Clinic

→ Team arriving to assess Kenner Clinic today.

Lost aquatic ctr?

- Draft 1391 SF total does not include 767k SY road improvements

Parking (various PNs)

TABS SY (000)
263.0

COBRA SY (000)
249.0

Draft 1391 SY (000)
236.0

- TABS spreadsheet listed 263k SF Parking but should be 263k SY

OK

>

<



Square Foot Analysis

Summary

TABS SF (000)
3,624.0

COBRA SF (000)
3,411.0

Draft 1391 SF (000)
5,846.5

- Significant requirements not included in COBRA or TABS for identified relocating activities (including Fort Pickett training facilities and garrison/community support)
- Activities relocating to Fort Lee but not included in COBRA or TABS (SMPT, 187th Ord BN, Edgewood facility at Aberdeen)
- Significant deltas in TABS/COBRA requirements and developed Draft 1391 requirements (e.g 1391 Family Housing requirement 945% of COBRA/TABS; 1391 UPH PP requirement 125%+ of COBRA/TABS)
- Due to summary level data of TABS and COBRA; specific requirements are unclear (Aberdeen/Redstone/Eustis requirements totaled in one CSS line item; requirements listed at FAC level)
- New and evolving missions (e.g. HIMARS, Stryker, EST 2000) not included in COBRA/TABS requirements (e.g COBRA/TAB = FY03/FY05 requirements; Draft 1391 = FY07+ requirements)
- Differing SF calculation used for COBRA/TABS and Draft 1391 requirements (e.g COBRA/TABS UPH AIT = 180 SF/Room; Draft 1391 UPH/AIT = 216 SF/Room)

*mi p...
Jax*

*All of Pickett became
of Warrior Trg
all added f12
since
still try
all systems.*

*161% Δ
in FAC codes*

*Army stel
need \textcircled{T} stel
inside SF line?
Still under the
TABS estimate
(see earlier
chart)
- because they
incl TDY?*

13 July 2005



Cost Analysis

Total MILCON Costs

TABS/COBRA MILCON COSTS (\$000)

\$625,968

Draft 1391 MILCON Costs for Facility Types included in COBRA/TABS (\$000)

\$1,298,400

- Includes costs for SMPT and Edgewood instructional facilities and SMPT, 187th Ord BN, and Edgewood housing that were not included in TABS/COBRA

Draft 1391 MILCON Costs for Facility Types not included in COBRA/TABS (\$000)

\$409,240

Draft 1391 MILCON Costs Total (\$000)

\$1,707,640

Average \$/SF Cost

COBRA

Average \$/SF Cost (FY05)

\$172.15

Draft 1391

Average \$/SF Cost (FY07)

\$279.95

- COBRA and Draft 1391 \$/SF include Design, Site Prep, Contingency Planning, and Supervision/ Inspection/Overhead costs
- TABS/COBRA costs developed in FY05 dollars; Draft 1391 costs developed in FY07 dollars
- Avg \$/SF compares only facility cost types found in both COBRA and Draft 1391s
- Draft 1391 \$/SF based on historical 1391s (when possible) and UFC 3-701-05 DoD Facilities Pricing Guide (Feb 2005)

% Δ?

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Population Analysis

*07 TDA
ATTRS*

COBRA Population

Total Fort Lee Gain	
Military	1,128 ✓
Civilian	1,111 <i>1149</i>
Contractor	0
Students (ADL)	4,857 <i>5011</i>
Total	7,096
Estimated Family Members	2,425

Draft 1391 Population

Total Fort Lee Gain	
Military	1,423
Civilian	1,661
Contractor	<u>256</u>
Students (ADL)	4,986
Total	8,326
Estimated Family Members	3,059

*8326
- 7096

1230
roll for building for Kiers?*

COBRA/Draft 1391 Population Delta

Total Fort Lee Gain	
Military	295
Civilian	550
Contractor	256
Students (ADL)	129
Total	974
Estimated Family Members	1,230

Exclude MPCo.

- Draft 1391 population based on relocating activity input
- COBRA Population = FY05; Draft 1391 Population = FY07
- COBRA population does not include SMPT or 187th Ord BN *or MPCo*
- Family members estimated at 86% marriage rate with 2.5 dependents per

Exclude parts that enter cas.



Summary

- Difficult to identify specific requirements due to summary data level of TABS/COBRA
- Significant facility requirements identified by relocating activities but not included in TABS/COBRA
- Activities relocating to Fort Lee but not included in TABS/COBRA
- No MILCON identified for Lackland AFB activities in COBRA
- Field training requirements not identified in TABS/COBRA
- Significant garrison/community support facility requirements not identified in TABS/COBRA
- New and evolving missions not included in TABS/COBRA
- Different facility space calculations between TABS/COBRA and Draft 1391s
- Significant difference in average \$/SF between TABS/COBRA and Draft 1391s
- Population identified by relocating activities (including activities not included in TABS/COBRA) is 17.3% higher than in TABS/COBRA

$$\frac{1,700}{162,100} = 9\%$$

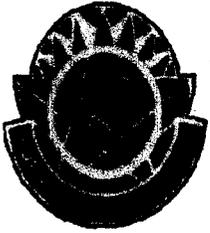


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**THE 2005 DEFENSE BASE CLOSURE
AND REALIGNMENT COMMISSION
PROCESS**

Defense Base Closure and Realignment Commission



HISTORY OF BASE CLOSURES

- 1977 LEGISLATION, 10 U.S.C. 2687
 - STOPPED CLOSURES FOR A DECADE
- 1988 LEGISLATION, PUBLIC LAW 100-526
 - CONGRESS CODIFIED COMMISSION CHARTERED BY SECDEF
 - 86 CLOSURES AND 13 REALIGNMENTS
 - SUCCESSFUL PROCESS BUT HAD DEFICIENCIES
- 1990 -- SECDEF ANNOUNCED INTENT TO CLOSE ADDITIONAL BASES
 - CONGRESS ENACTED NEW LEGISLATION
- 1990 LEGISLATION: DEFENSE BASE CLOSURE AND REALIGNMENT ACT OF 1990
 - CREATED COMMISSIONS IN 1991, 1993, AND 1995
- FY 05 DEFENSE AUTHORIZATION ACT AMENDED 1990 ACT AND ESTABLISHED 2005 COMMISSION

Defense Base Closure and Realignment Commission



BASE CLOSURE AND REALIGNMENT RECOMMENDATIONS

	<u>DoD Recommended</u>	<u>Commission Approved</u>	<u>Commission Added</u>
1991	71	59 (83%)	1
1993	181	152 (84%)	17
1995	146	123 (84%)	9

Defense Base Closure and Realignment Commission



**DEFENSE BASE CLOSURE AND REALIGNMENT
ACT OF 1990, AS AMENDED**

"TO PROVIDE A FAIR PROCESS THAT WILL RESULT IN THE
TIMELY CLOSURE AND REALIGNMENT OF MILITARY
INSTALLATIONS INSIDE THE UNITED STATES."

[Section 2901(b)]

Defense Base Closure and Realignment Commission



**DEFENSE BASE CLOSURE AND REALIGNMENT
ACT OF 1990, AS AMENDED**

THE METHOD

- SECDEF PUBLISHES CRITERIA AND FORCE STRUCTURE PLAN USED IN DEVELOPING BASE CLOSURE AND REALIGNMENT RECOMMENDATIONS
- COMMISSION REVIEWS SECDEF RECOMMENDATIONS TO ENSURE CONSISTENCY WITH CRITERIA AND FORCE STRUCTURE PLAN
- CERTIFICATION OF DATA
- TESTIMONY BEFORE COMMISSION UNDER OATH
- COMMISSION CAN CHANGE DOD RECOMMENDATIONS IF IT FINDS SECRETARY OF DEFENSE "DEVIATED SUBSTANTIALLY" FROM SELECTION CRITERIA OR FORCE STRUCTURE PLAN

Defense Base Closure and Realignment Commission



BASE CLOSURE CRITERIA

MILITARY VALUE CRITERIA:

1. The current and future mission capabilities and the impact on operational readiness of the total force of the Department of Defense, including the impact on joint warfighting, training, and readiness.
2. The availability and condition of land, facilities, and associated airspace (including training areas suitable for maneuver by ground, naval, or air forces throughout a diversity of climate and terrain areas and staging areas for the use of the Armed Forces in homeland defense missions) at both existing and potential receiving locations.
3. The ability to accommodate contingency, mobilization, surge, and future total force requirements at both existing and potential receiving locations to support operations and training.
4. The cost of operations and the manpower implications.

OTHER CRITERIA:

5. The extent and timing of potential costs and savings, including the number of years, beginning with the date of completion of the closure or realignment, for the savings to exceed the costs.
6. The economic impact on existing communities in the vicinity of military installations.
7. The ability of the infrastructure of both the existing and potential receiving communities to support forces, missions, and personnel.
8. The environmental impact, including the impact of costs related to potential environmental restoration, waste management, and environmental compliance activities.

Defense Base Closure and Realignment Commission



SPECIAL PROCEDURES FOR 2005

- Before adding a base for consideration, Commission required to provide the Secretary of Defense with at least a 15-day period in which to submit an explanation of the reasons why the installation was not included on the closure or realignment list
- After considering the Secretary's input, the Commissioners vote at the Adds Hearing on the proposed additions
- Seven Commissioners must vote in favor of adding a base for Commission consideration
- The Commission must publish a notice of proposed additions in the *Federal Register* not less than 45 days before transmitting its recommendations to the President in order to inform potentially impacted communities and DoD of any additions
- At least two Commissioners must conduct base visits and public hearings on proposed additions

Defense Base Closure and Realignment Commission



COMMISSION PROCESS

- INVESTIGATIVE HEARINGS **MAY**
- GAO REPORT **JULY 1**
- BASE VISITS/REGIONAL HEARINGS **MAY - JULY**
- ADDS/SUBSTITUTIONS HEARING **MID-JULY**
- CONGRESSIONAL TESTIMONY **LATE JULY**
- FINAL DELIBERATION HEARING **LATE-AUGUST**
- REPORT TO THE PRESIDENT **SEPTEMBER 8**

Defense Base Closure and Realignment Commission



DEFENSE BASE CLOSURE AND REALIGNMENT ACT OF 1990, AS AMENDED

THE PLAYERS

- NINE MEMBERS, APPOINTED BY PRESIDENT, CONFIRMED BY SENATE
- GAO:
 - PROVIDE DIRECT AUDIT ASSISTANCE TO COMMISSION
 - REPORT ON PROCESS AND RECOMMENDATIONS BY JULY 1



Defense Base Closure and Realignment Commission

COMMISSIONERS

- **The Honorable Anthony J. Principi (Chairman)**
- **The Honorable James H. Bilbray**
- **The Honorable Philip E. Coyle, III**
- **Admiral Harold W. Gehman Jr., USN (Ret)**
- **The Honorable James V. Hansen**
- **General James T. Hill, USA (Ret)**
- **General Lloyd W. Newton, USAF (Ret)**
- **The Honorable Samuel K. Skinner**
- **Brigadier General Sue E. Turner, USAF (Ret)**



Defense Base Closure and Realignment Commission

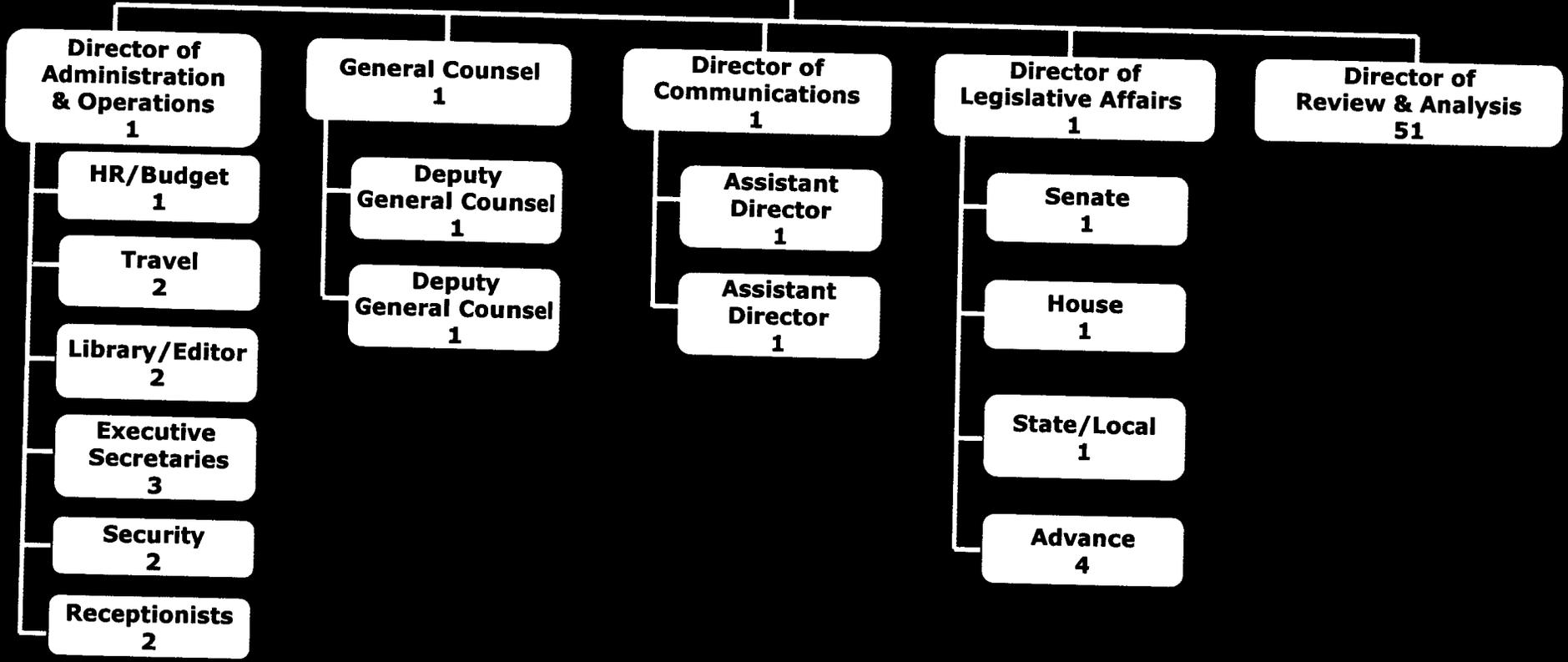
Chairman and Commissioners

Executive Assistant to the Chairman and Commissioners

Executive Director

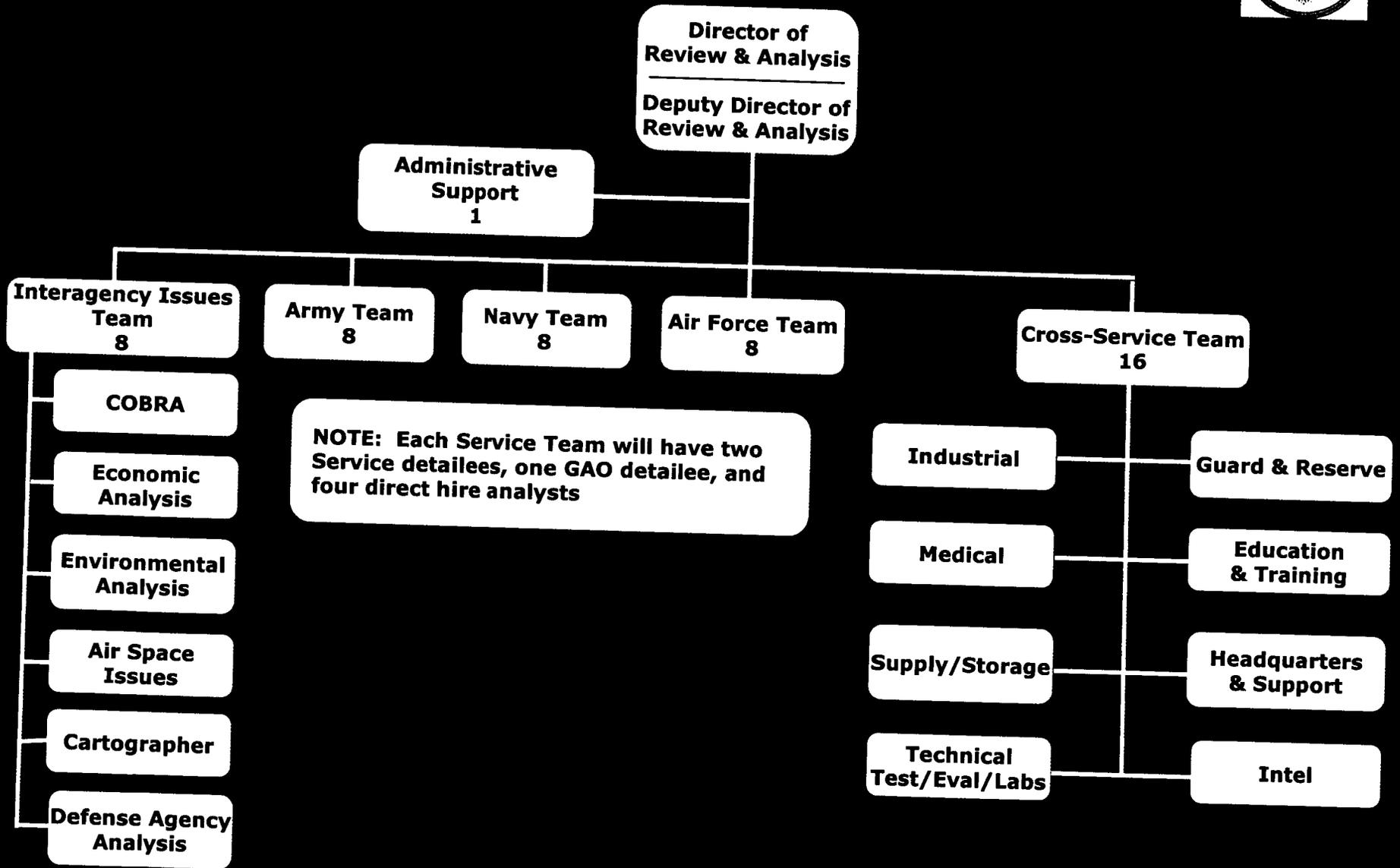
Executive Secretary

Military Assistant





Defense Base Closure and Realignment Commission



Defense Base Closure and Realignment Commission



COMMISSION RESPONSIBILITIES

▪ ENSURE FAIRNESS:

- "IN CONSIDERING INSTALLATIONS FOR CLOSURE OR REALIGNMENT, THE SECRETARY SHALL CONSIDER ALL MILITARY INSTALLATIONS INSIDE THE UNITED STATES EQUALLY WITHOUT REGARD TO WHETHER THE INSTALLATION HAS BEEN PREVIOUSLY CONSIDERED OR PROPOSED FOR CLOSURE OR REALIGNMENT BY THE DEPARTMENT."

[Section 2903(c)(3), Public Law 101-510]

▪ ENSURE OPENNESS:

- "EACH MEETING OF THE COMMISSION, OTHER THAN MEETINGS IN WHICH CLASSIFIED INFORMATION IS TO BE DISCUSSED, SHALL BE OPEN TO THE PUBLIC."

[Section 2902(e)(2)(A), Public Law 101-510]

Defense Base Closure and Realignment Commission



COMMISSION POLICIES

- EVERY INSTALLATION RECOMMENDED FOR A MAJOR* CLOSURE OR REALIGNMENT ACTION WILL BE VISITED BY AT LEAST ONE COMMISSIONER
- REGIONAL HEARINGS GIVE COMMUNITIES A CHANCE TO TESTIFY
- ALL DOCUMENTATION USED IN DELIBERATIONS AVAILABLE TO GENERAL PUBLIC
- ALL COMMISSION ACTIVITIES OPEN TO THE PRESS AND THE PUBLIC
- EVERY AFFECTED COMMUNITY WILL BE HEARD

* Defined as loss of 300 civilian or 400 total full-time positions

Defense Base Closure and Realignment Commission



OPPORTUNITIES FOR
COMMUNITY INTERACTION

- ORIENTATION MEETINGS WITH COMMISSION STAFF
- REVIEW COMMISSION LIBRARY
- ADDITIONAL MEETINGS WITH COMMISSION STAFF UPON REQUEST -- **IF YOU HAVE NEW** INFORMATION
- REGIONAL HEARINGS -- **KEY** ON MILITARY VALUE
- FOLLOW-UP MEETINGS WITH STAFF AND COMMISSIONERS PRIOR TO FINAL DELIBERATIONS -- **NEW** INFORMATION **ONLY**
- SOLID, WELL-DEVELOPED COMMUNITY PITCH IS KEY

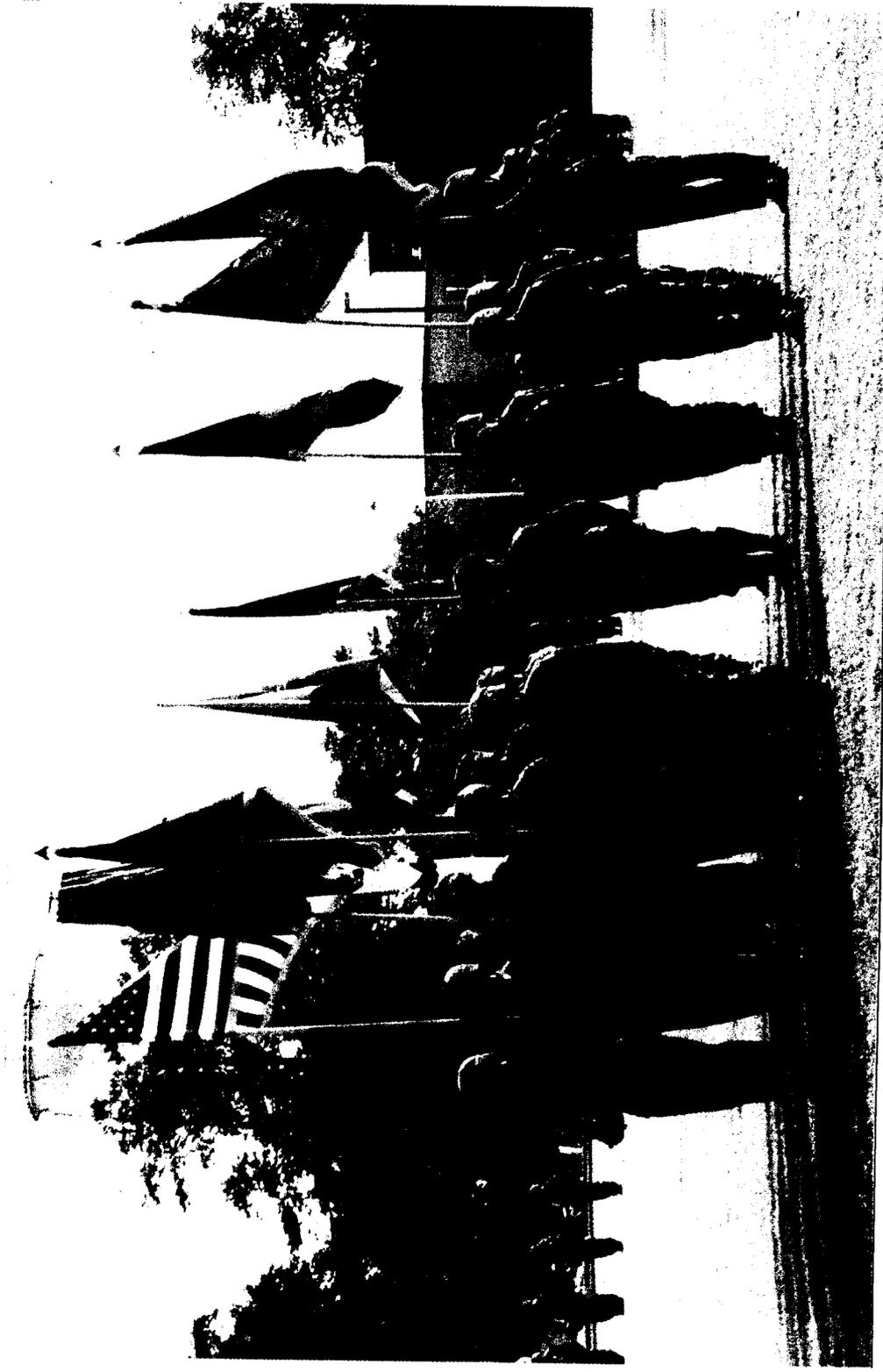
Defense Base Closure and Realignment Commission



Comparing BRAC Rounds

	Major Base Closure	Major Base Realignments	Minor Closures and Realignments	Costs (TY \$B)	Annual Recurring Savings (FY05 \$B)
BRAC 88	16	4	23	2.7	0.9
BRAC 91	26	17	32	5.2	2.0
BRAC 93	28	12	123	7.6	2.6
BRAC 95	27	22	57	6.5	1.7
Total	97	55	235	22.0	7.3
BRAC 05	33	29	775	24.4	5.5

United States Army Combined Arms Support Command and Fort Lee



COL John Angevine, IMNE-LEE-G_angevinej@lee.army.mil; 804/734-7188; DSN 687



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

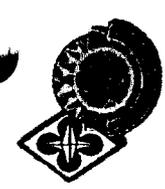




Payroll/Sales/Contracts



- **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

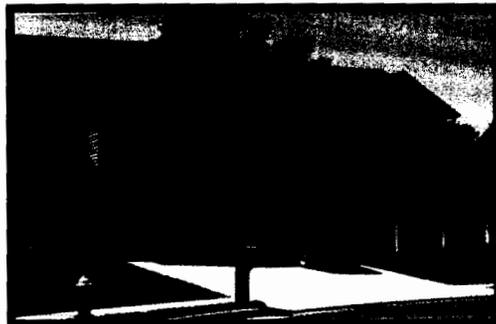


Fort Lee Impact



- 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



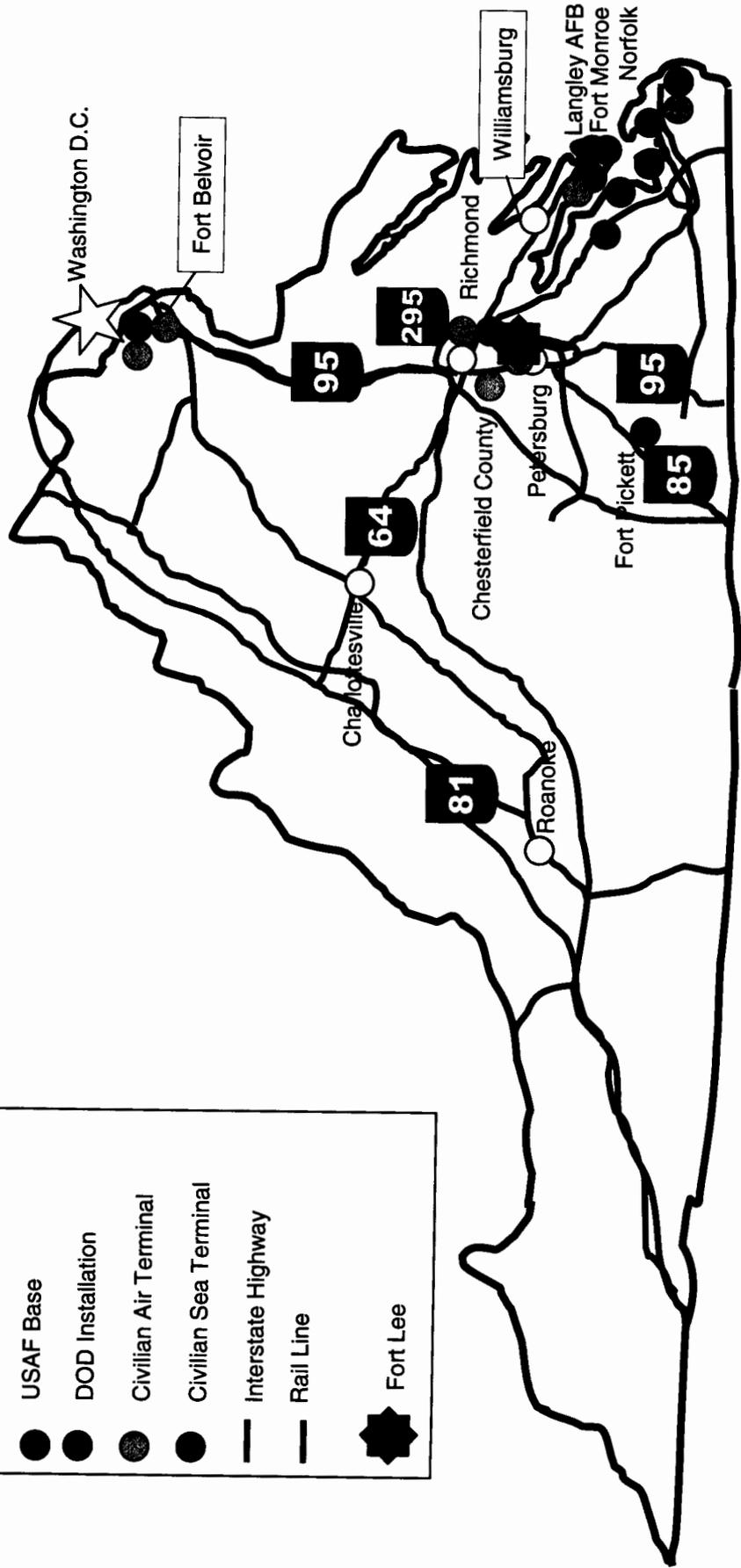
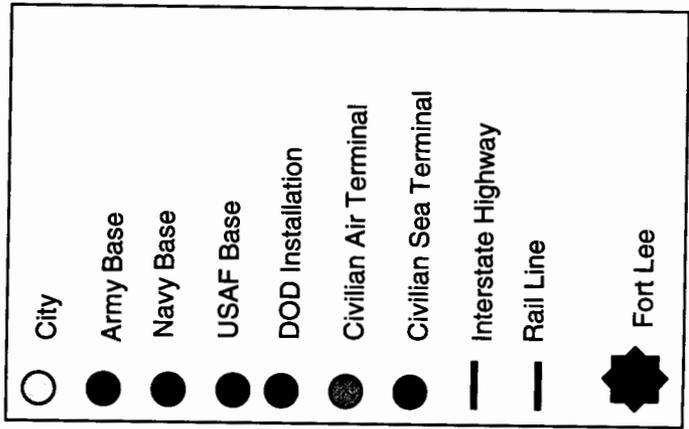
	Fort Lee	Fort Eustis/ Fort Monroe	Fort Belvoir
BAH	E5 w/dep \$779 04 w/dep \$1155	E5 w/dep \$960 04 w/dep \$1392	E5 w/dep \$1472 04 w/dep \$2237
Lodging	\$60	\$90 (avg in- season and off-season)	\$153
Meals	\$28	\$40 (avg in- season and off- season)	\$48
Total Per Diem	\$91	\$133	\$204

Cost of Living Community



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

Location Summary





Area of Support



FT EUSTIS 
Military District of Washington 
FT LEE 
FT BELVOIR 

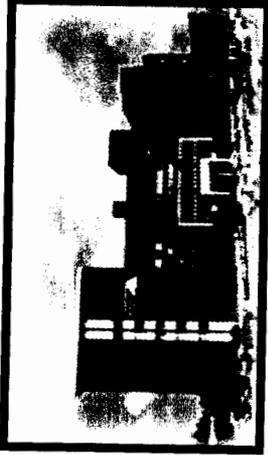
Local Partnerships



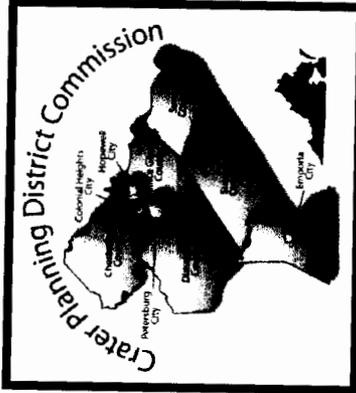
School MOAs



Crater Technical Rescue Team



Medical Community



Crater Planning District



Fire and Emergency Services Mutual Aid



Law Enforcement



Civilian-Military Council

Local Emergency Planning Council



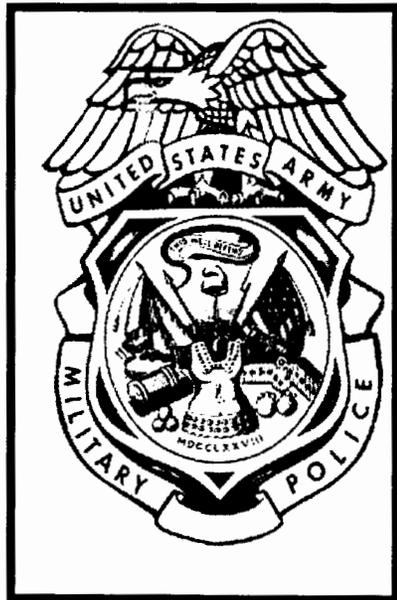
Local Partnerships Fire & Emergency Services

- **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**

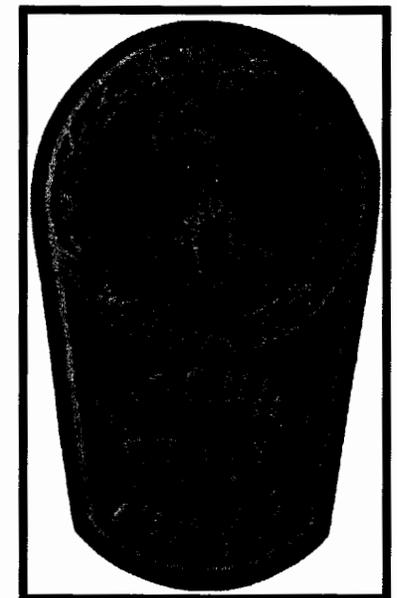




Local Partnerships Law Enforcement



- 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



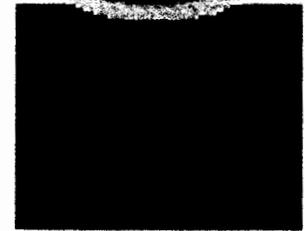
Norfolk
Naval Base



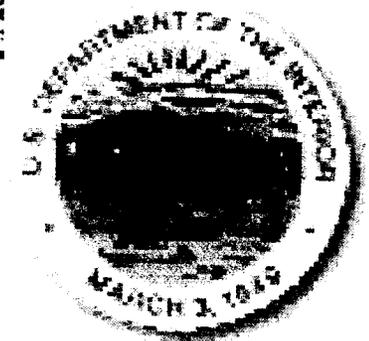
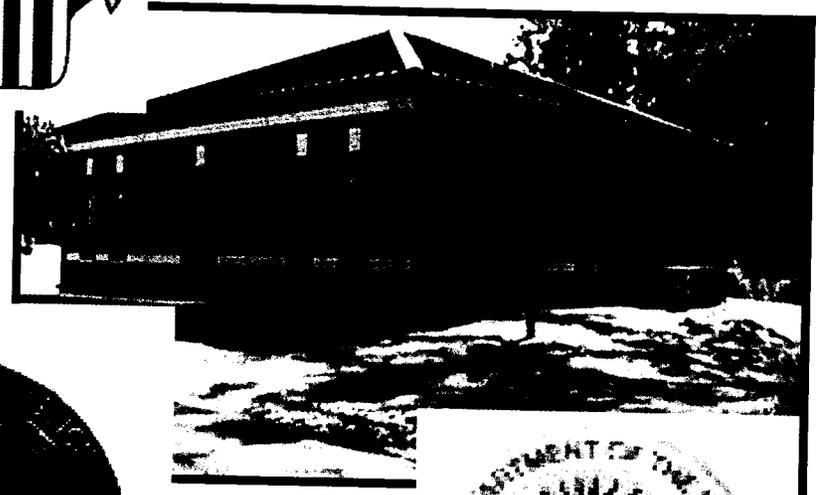
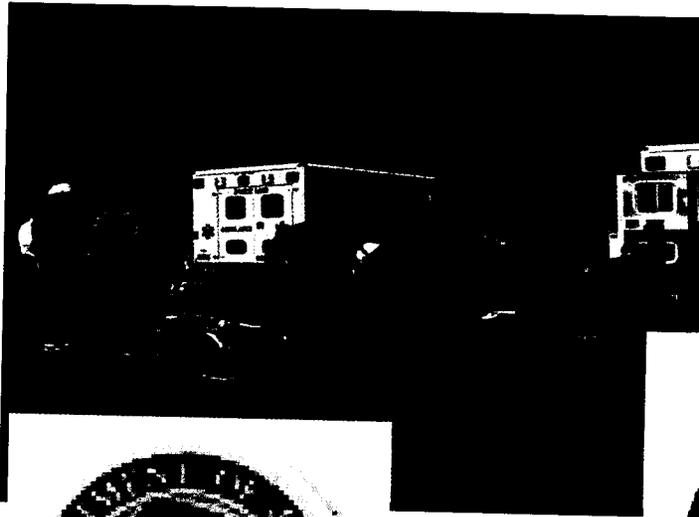
Langley
Air Force
Base



Richmond
Virginia



Federal Partnerships



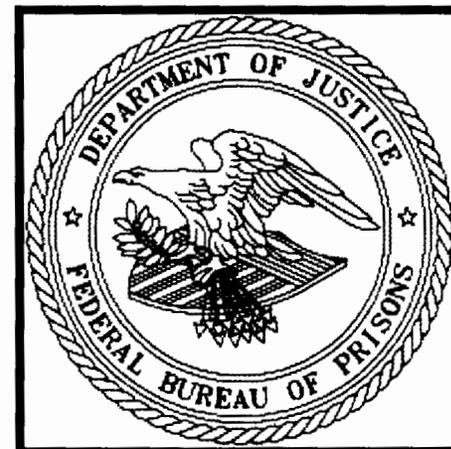


Federal Partnerships

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

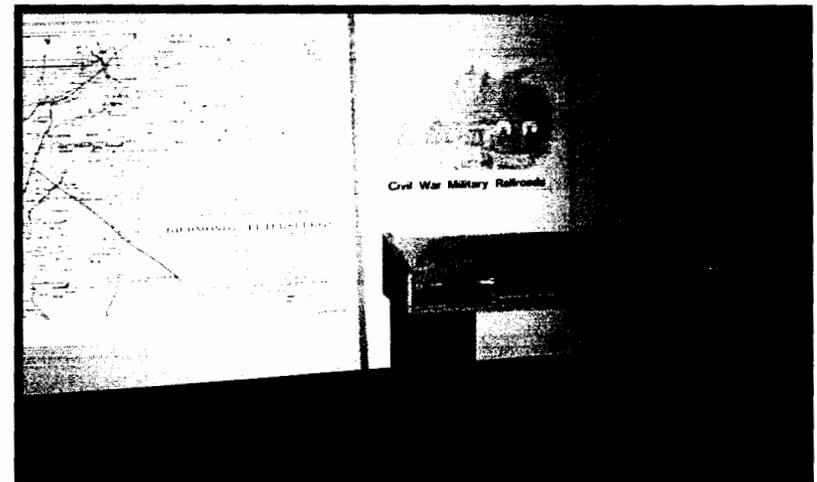




Federal Partnerships

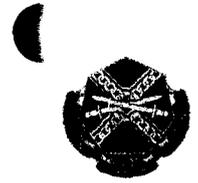
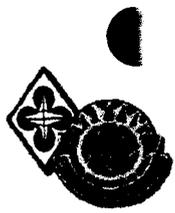
Department of the Interior

- **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



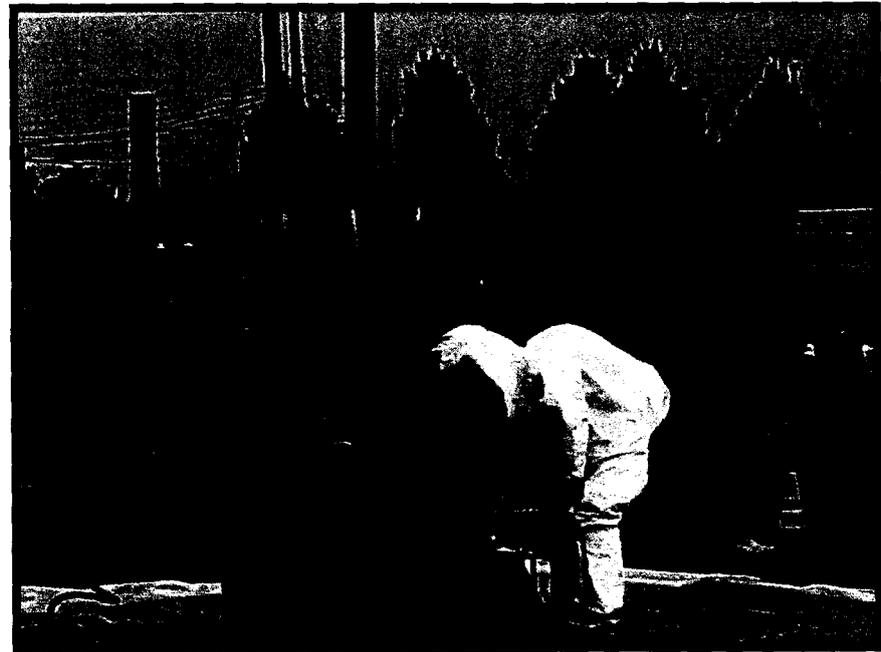
Joint Ventures





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

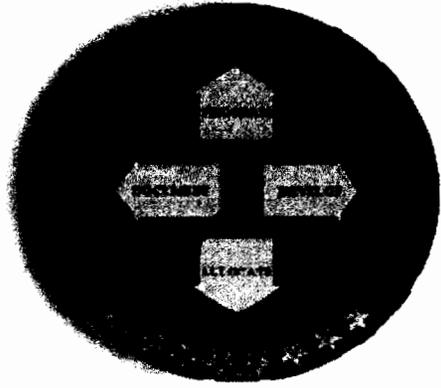
Army:

- Combined Arms Support Command
- Quartermaster Center and School

- 49th Quartermaster Group
- Army Logistics Management College
- Kenner Army Health Clinic
- NCO Academy
- Center for Public Works
- Gerow USAR Center
- MWR Culinary Academy
- 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

*SMC may ask to
move to AP6
to central w/*

Tenants CSS Related



**US ARMY FORCE MANAGEMENT
SUPPORT AGENCY**



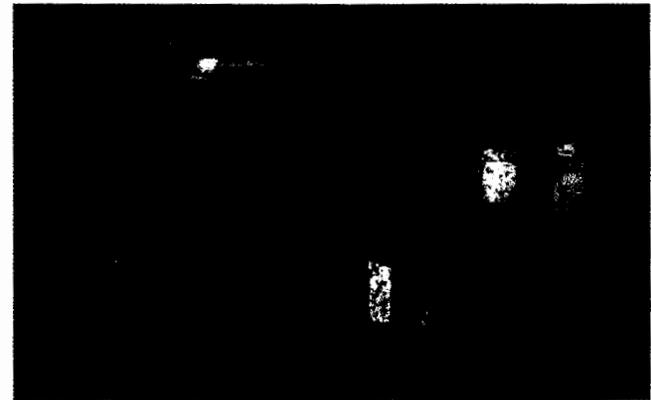
**PROGRAM MANAGER - LOGISTICS
INFORMATION SYSTEMS**



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



**SOFTWARE ENGINEERING CENTER - LEE
COMMUNICATIONS ELECTRONICS COMMAND**



**LOGISTICS EXERCISE SIMULATION DIRECTORATE
NATIONAL SIMULATION CENTER**



Kenner Army Health Clinic



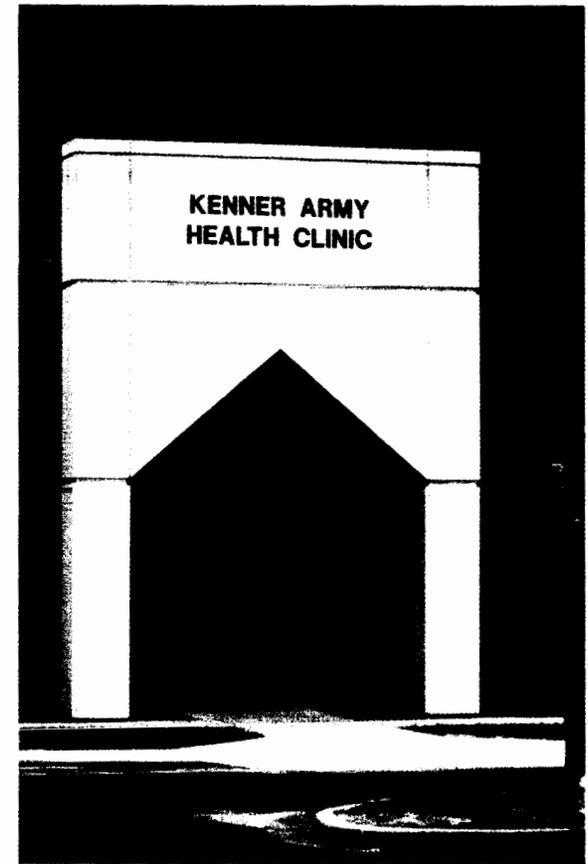
Provides medical services to the eligible beneficiary population and DOD organizations

- **Former Army Hospital**

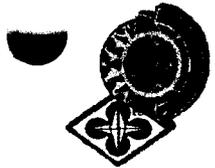
- **65 Bed capacity**

- **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**



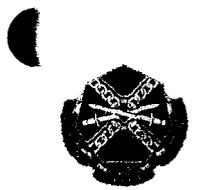
KAHC and BRAC



- 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



Area Hospitals



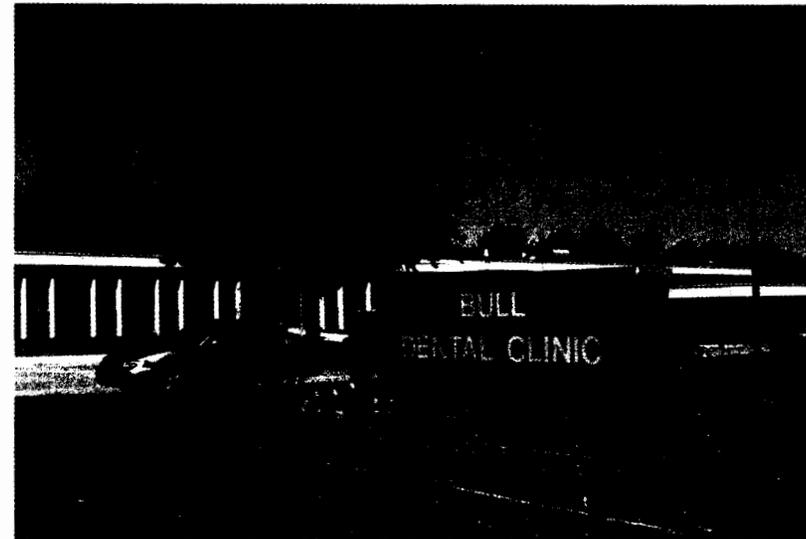
- Southside Regional Medical Center (new 300-bed facility in FY 08) (Petersburg)
- John Randolph Medical Center (Hopewell)
- CJW-Chippenham Medical Center (Richmond)
- Retreat Hospital (Richmond)
- St Francis (new 130 bed facility in Chesterfield County FY 05)
- Poplar Springs Hospital (Psychiatric)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

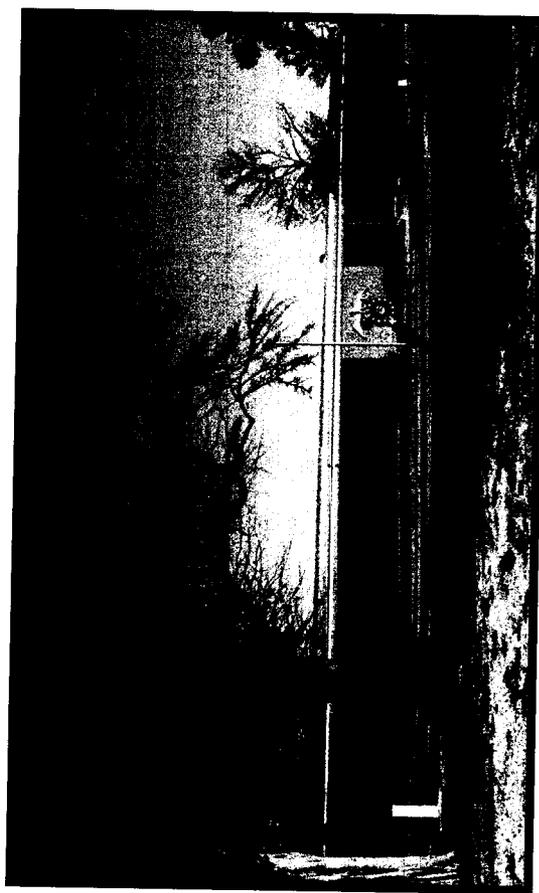
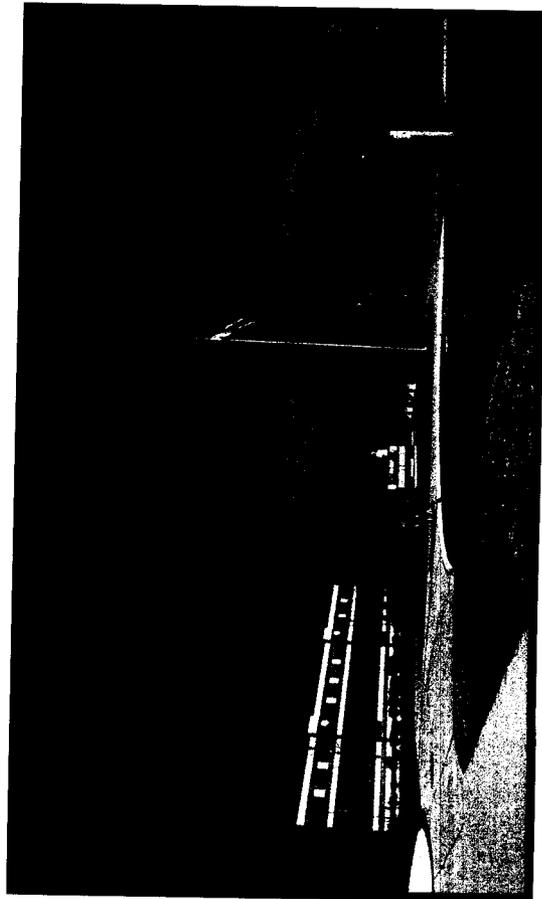
Museums

- 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

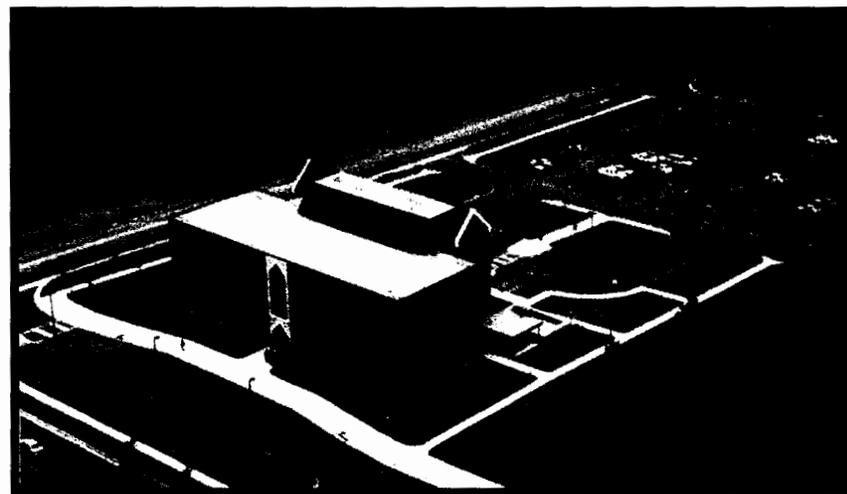


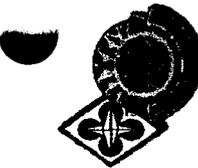


Fort Lee 2020

Our Plan for the Future incorporates:

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





Facilities



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



Utilities

Gas Service

- 49 miles

Electrical Service (Privatized)

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

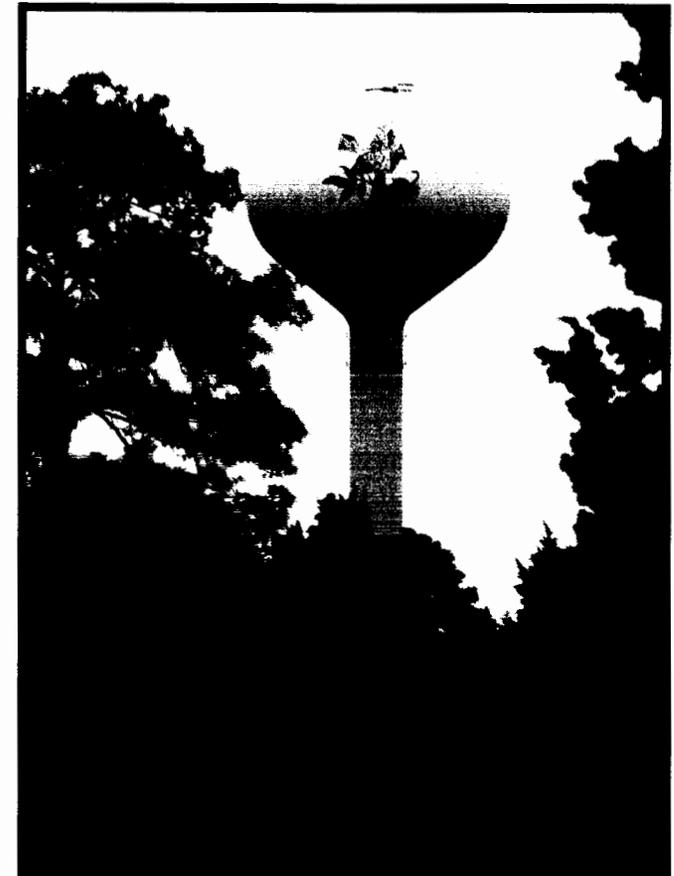
Water Service (Privatized)

- 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:

Direct Access Storage
Server Backup/Archive

Current Capabilities

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:

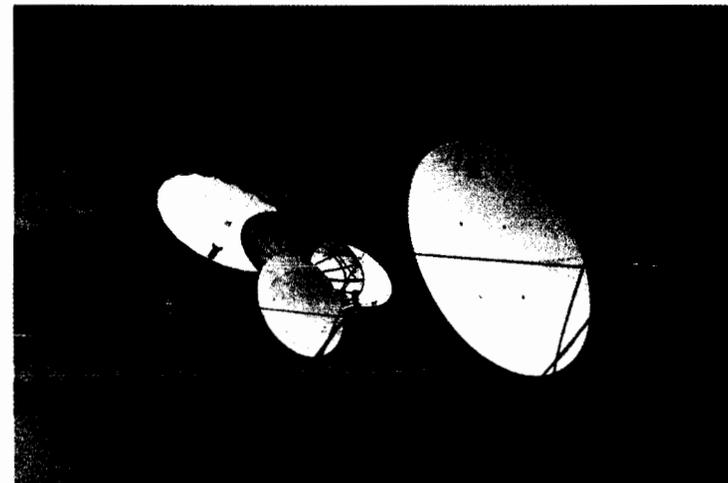
- Coverage by Verizon, NEXTEL, and T-Mobile
- NETCOM BPA in place
- 3 Antennas on post

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

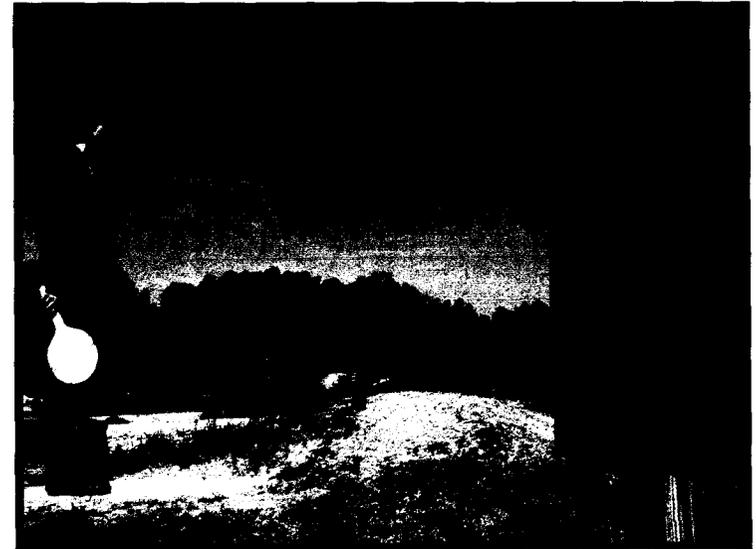




Current Range Capabilities



- 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

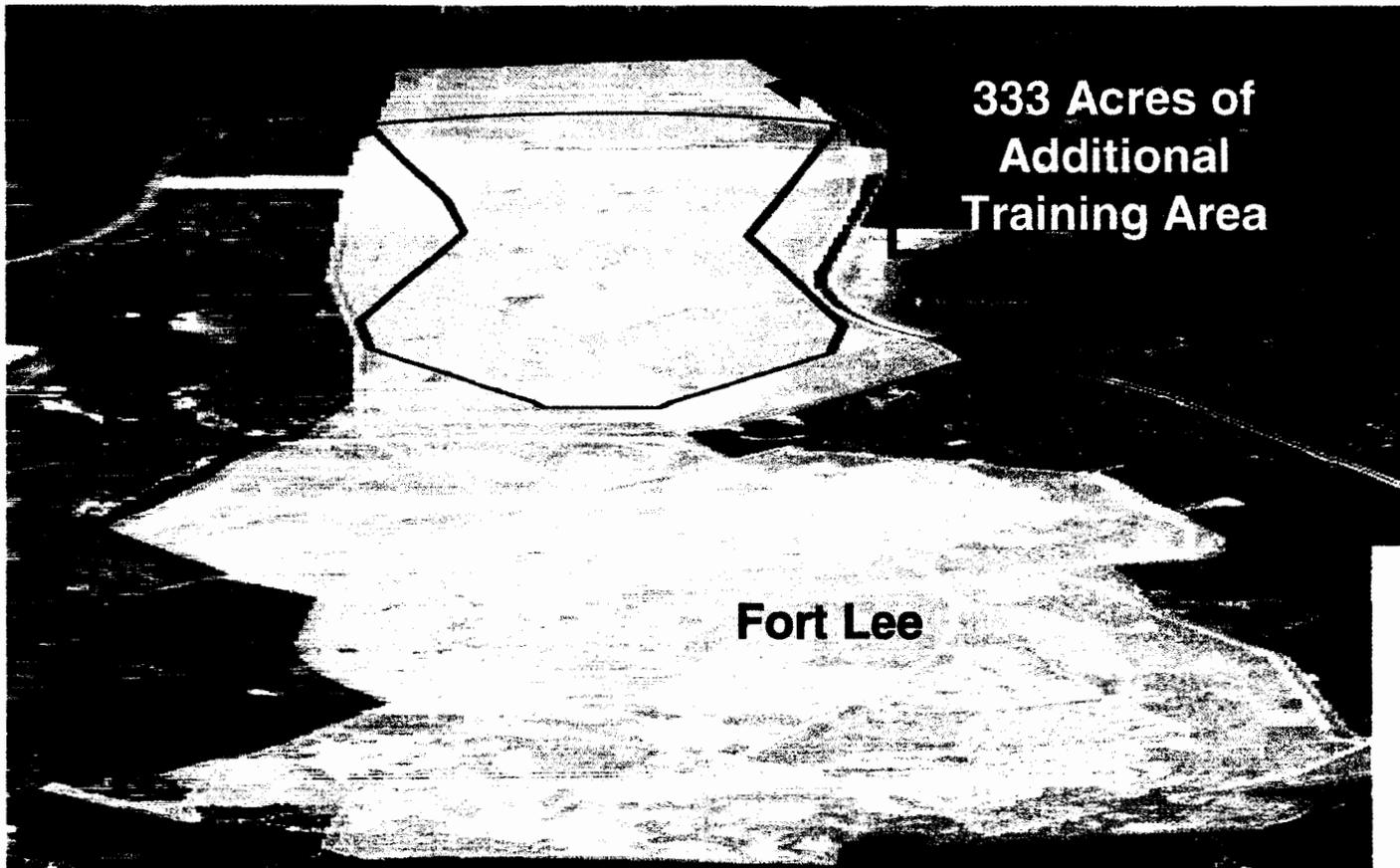


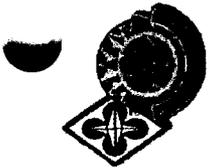


Range Land Transfer



- 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



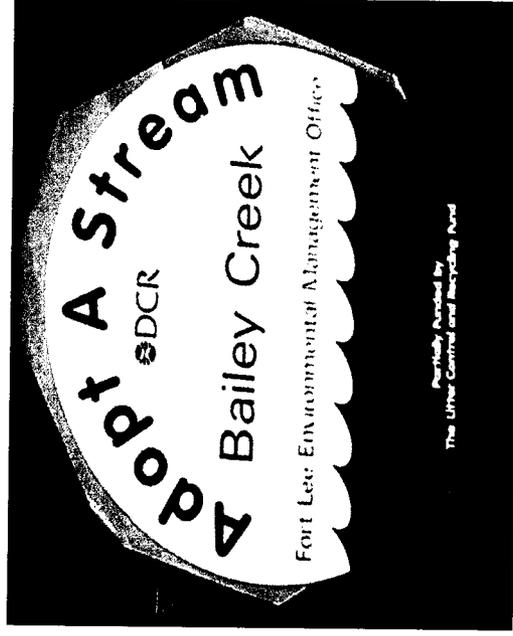
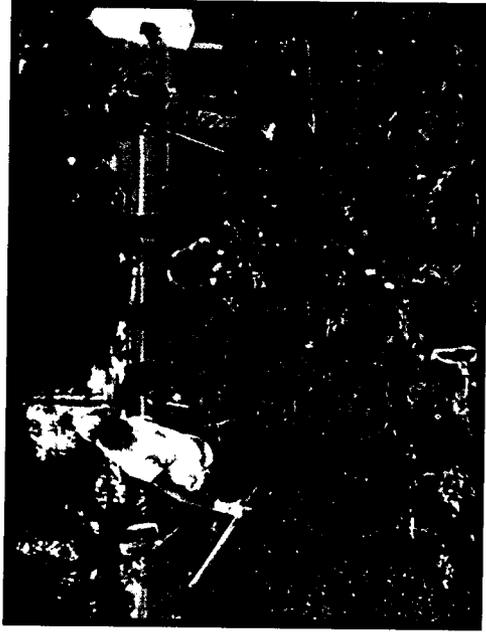


Environmental Achievements

- 2004 Keep America Beautiful, 2nd Place Waste Minimization
- 2004 Keep Virginia Beautiful, 1st Place Waste Minimization
- 2003 IMA NERO 1st Place Cultural Resources Award
- 2001 DoD Citation for Meritorious Achievement
- 2001 DA 1st 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

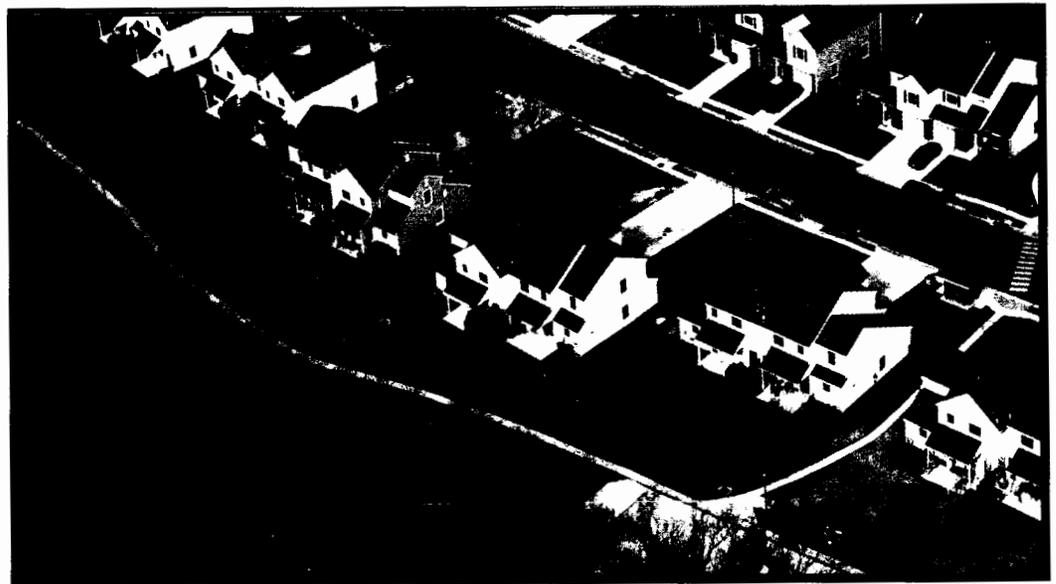
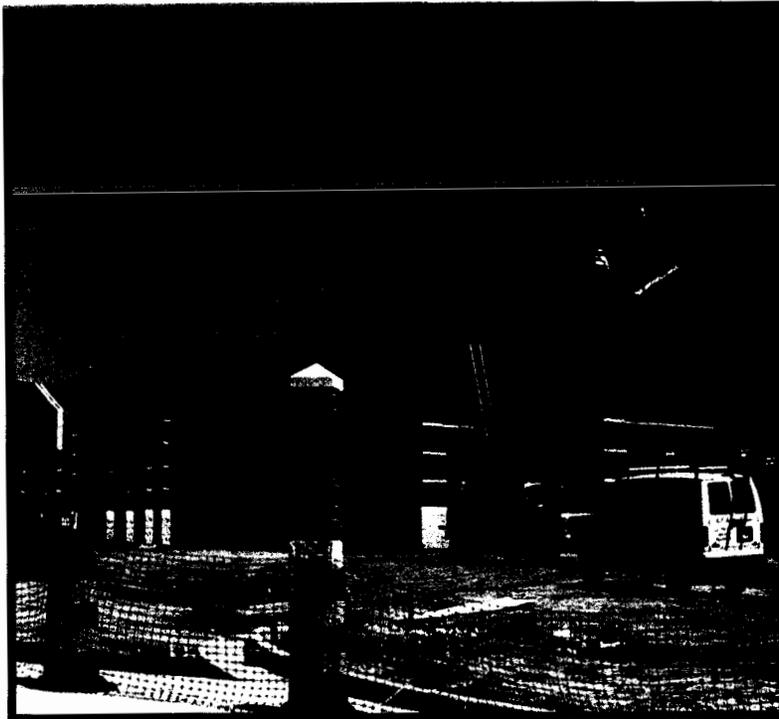
Partners with:

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



RC1 school
for 2008

- **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.

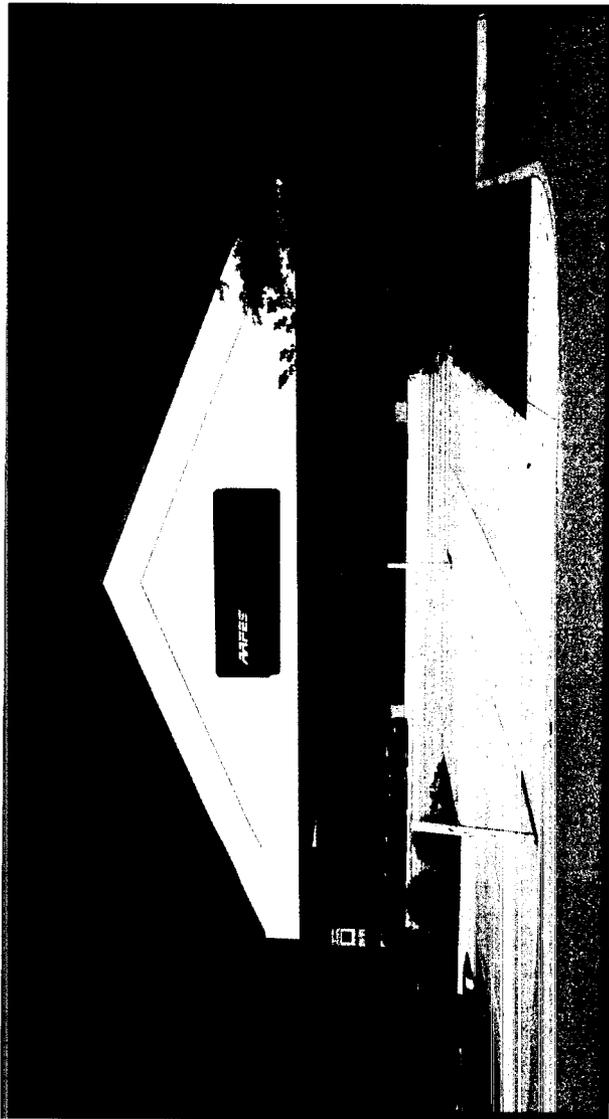
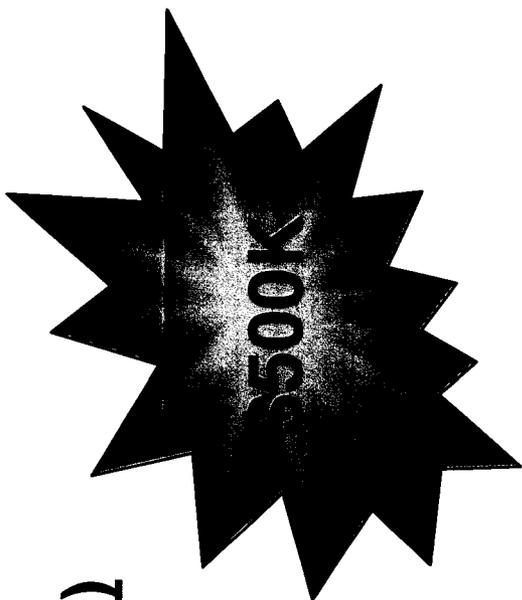


Current AAFES Projects

Burger King Renovation

COST (000)

\$500



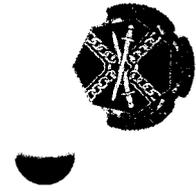
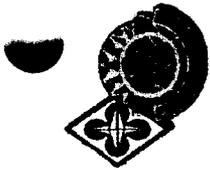


2005 Projects



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

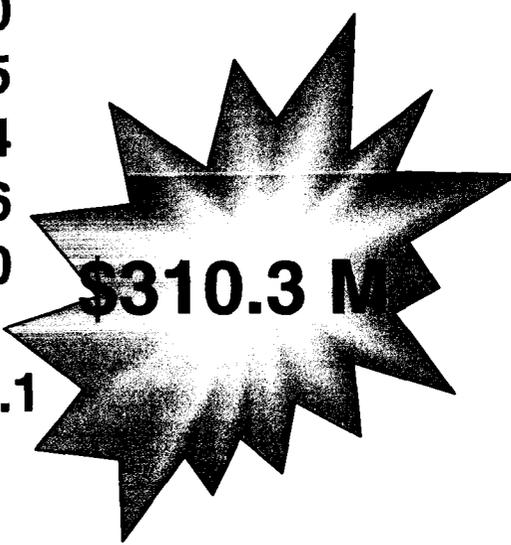
New Missions



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

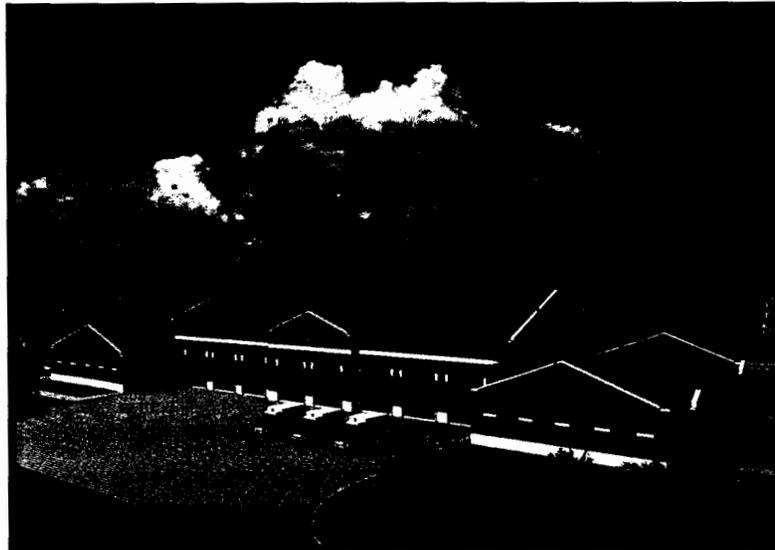


\$310.3 M



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





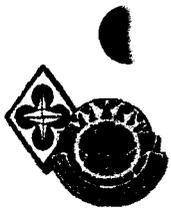
Future MCA Projects



- **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

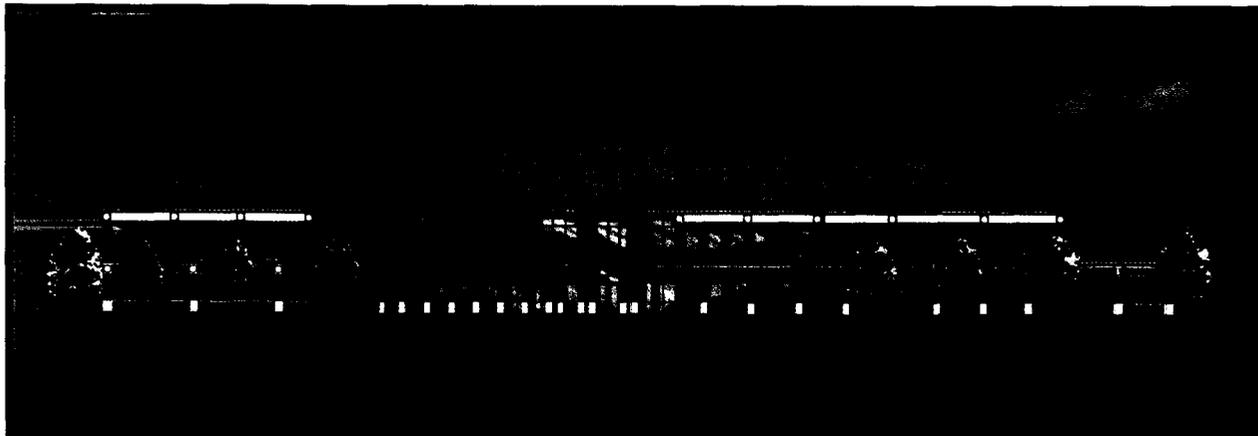
PH. 2 —





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

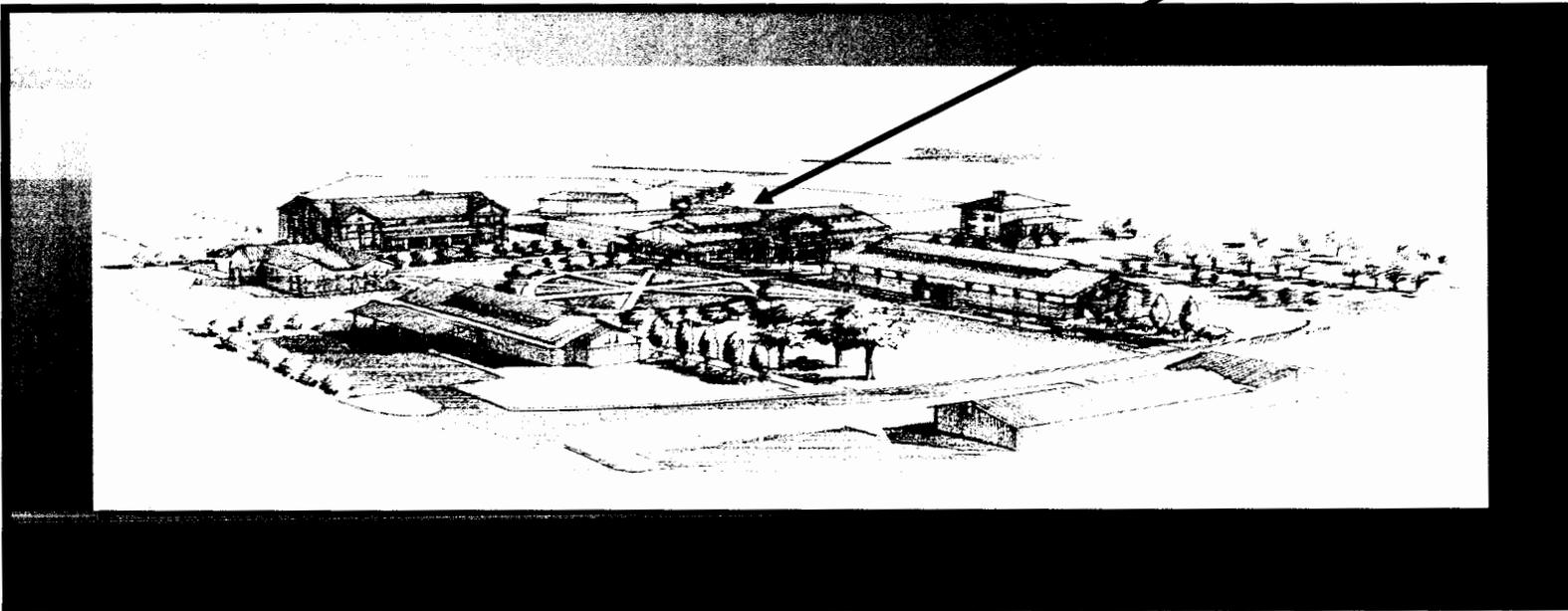




Future MCA Projects

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

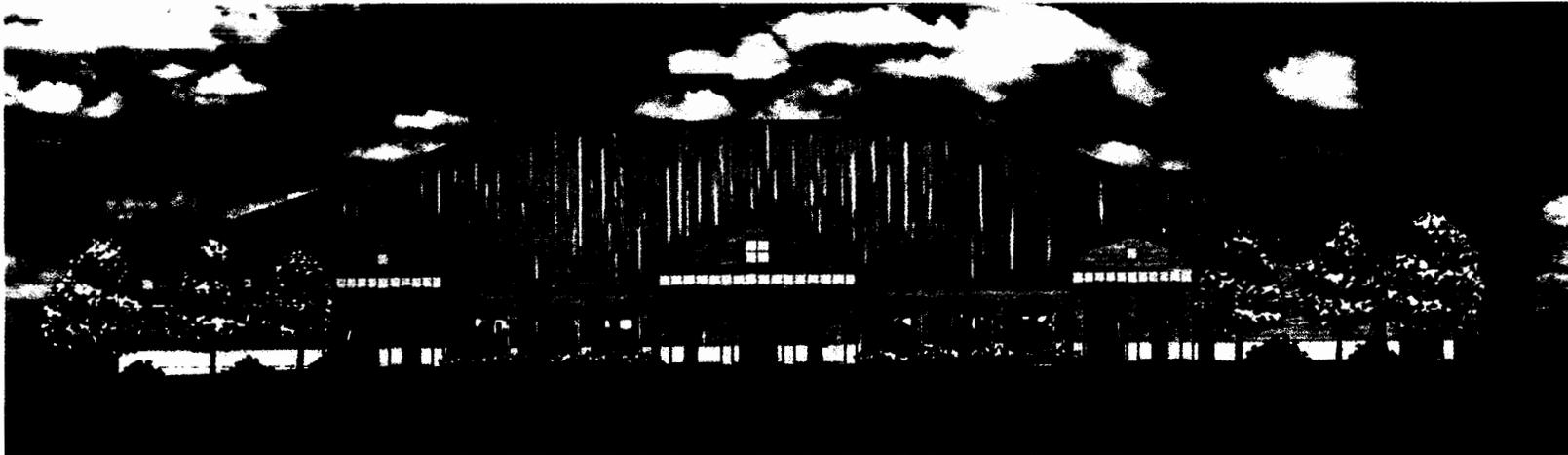
- **Facility will support permanent party & AIT soldiers**





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

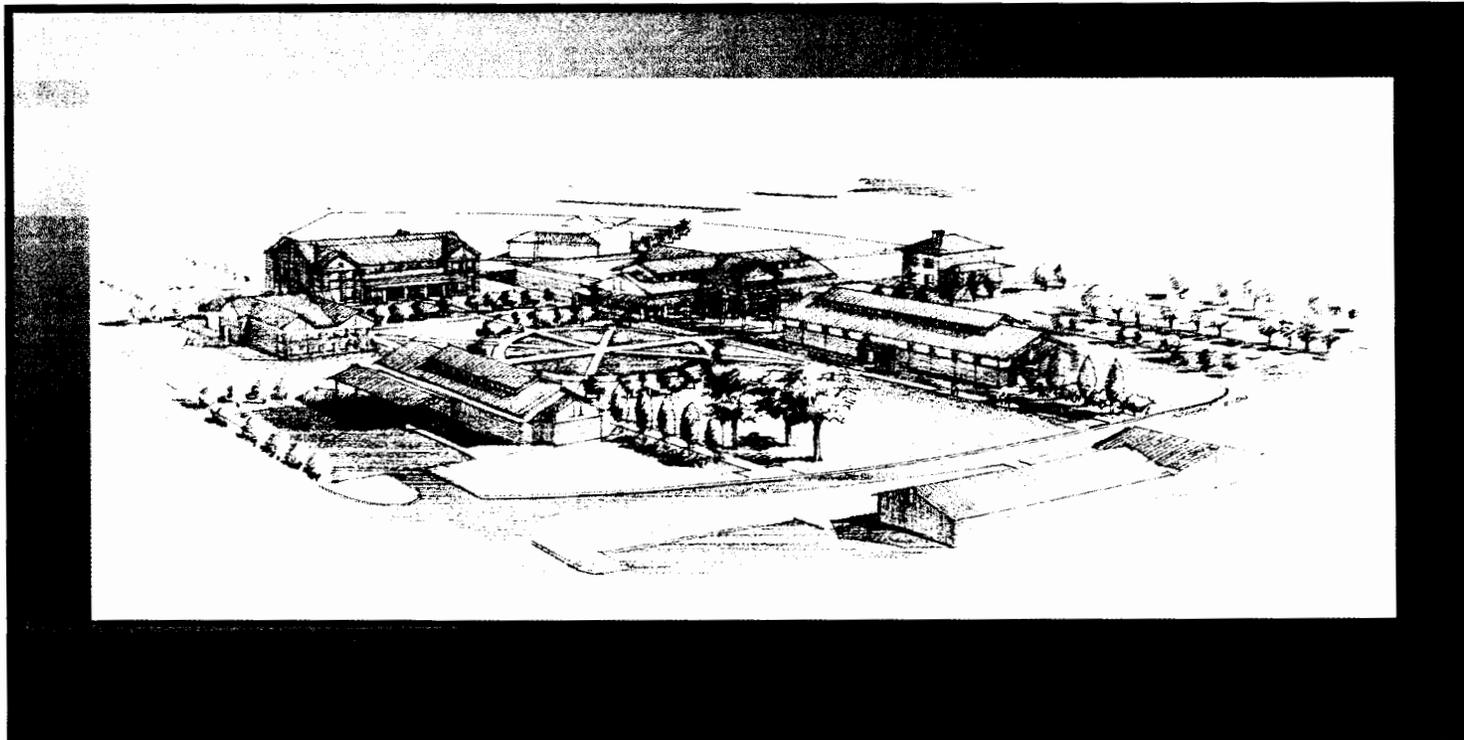
- **Physical Fitness Center**
 - Modernize to current Physical Fitness Center Standards
 - Exercise Areas
 - Running Track
 - Goal: Provide facility comparable to private sector and college Gyms and Physical Fitness Centers





Future MCA Projects

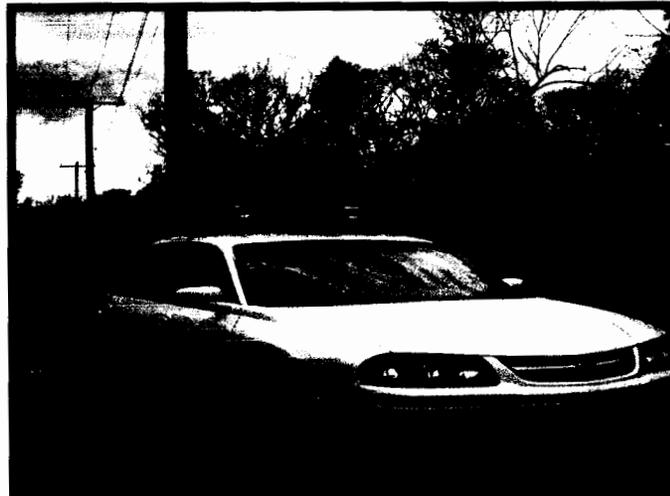
- **49th Quartermaster Group Complex**
 - Construct a Group Headquarters and Battalion Headquarters with classrooms, and two Company Headquarters buildings to include underground utilities; electric service; paving, walks, curb and gutters; parking; fire protections and alarm system; storm drainage;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





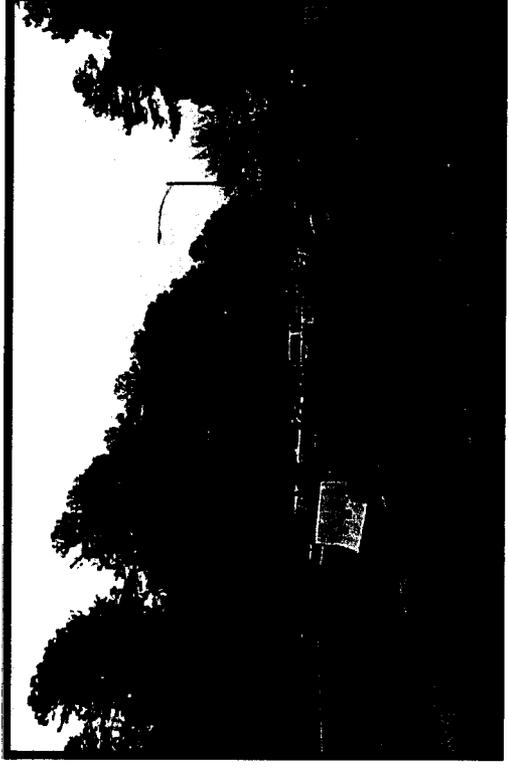
Future MCA Projects

- **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

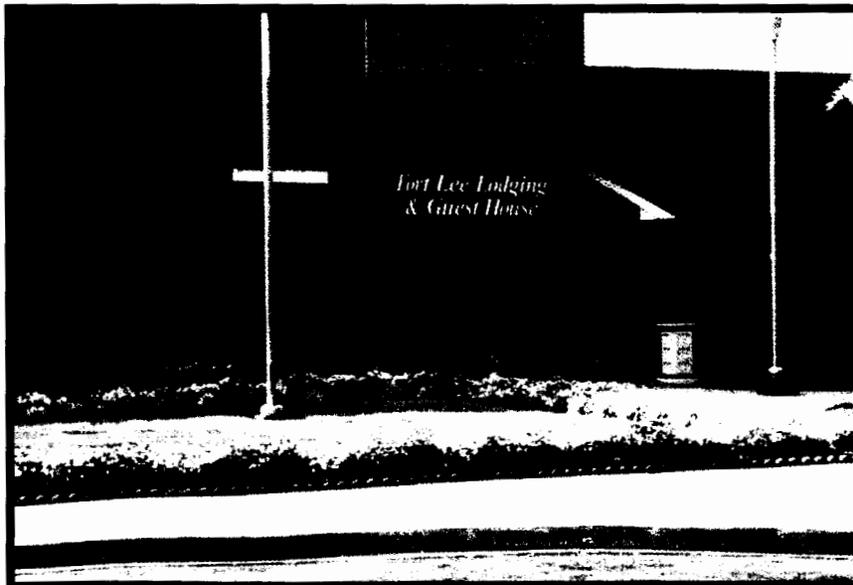


<u>FY</u>	<u>Description</u>	<u>Cost</u>
04	Replace Madison Park, Ph 1	\$18.0M
05	Replace Jefferson Terrace	\$46.0M
06	Revitalize Monroe Manor & Jeff Ter	\$13.6M
06	Replace Madison Park, Ph 3	\$19.5M
07	Revitalize Monroe Manor	\$23.6M
07	Replace Monroe Manor	\$12.4M



MWR Projects

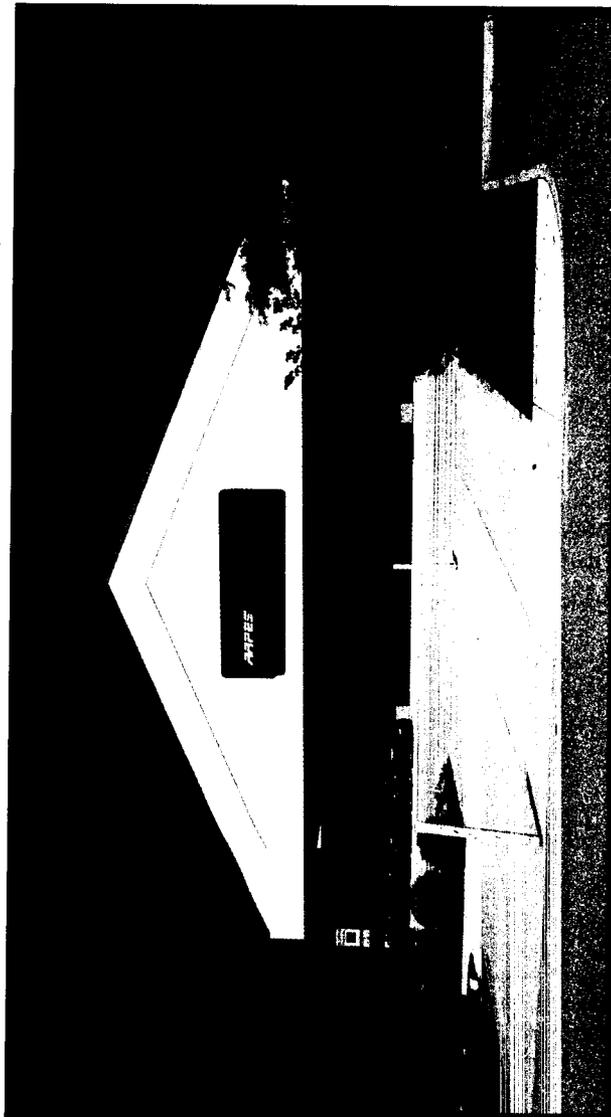
<u>FY</u>	<u>Description</u>	<u>Cost (000)</u>
06	Travel Camp	\$ 2,400
06	Kennel	\$ 425
06	Renov-Extended Stay Units	\$ 1,300
07	Conference center	\$ 47,000
07	Lodging	\$187,000



Future AAFES Project

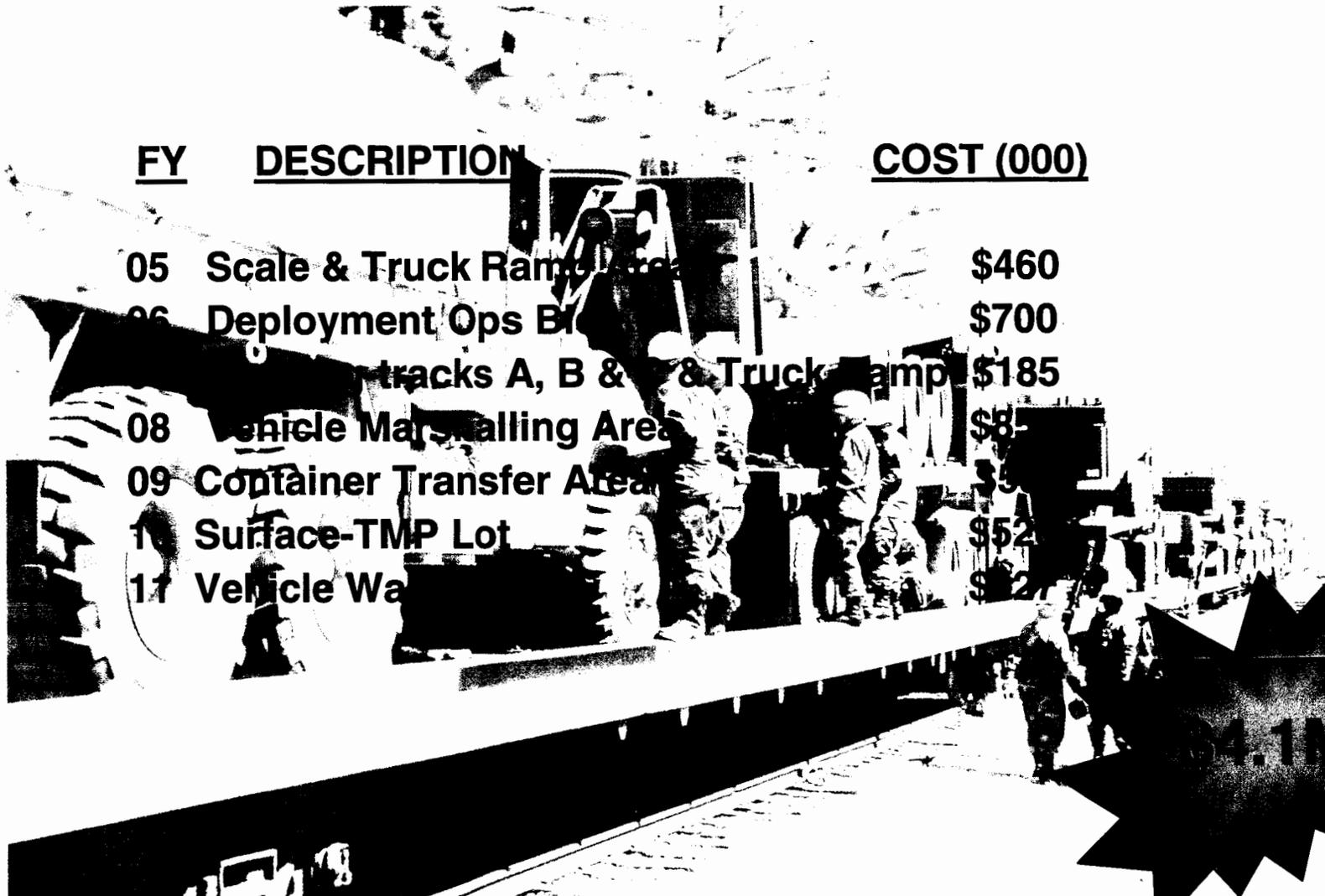
Shoppette-24hr Gas Station- Popeye's

66.5 M

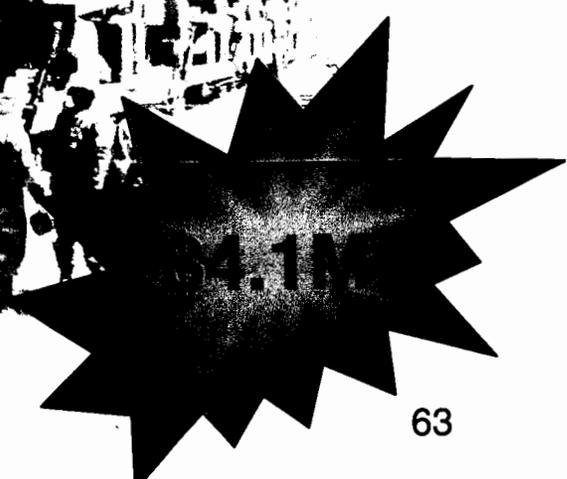


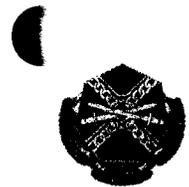


Mobility Infrastructure Projects (OMA)

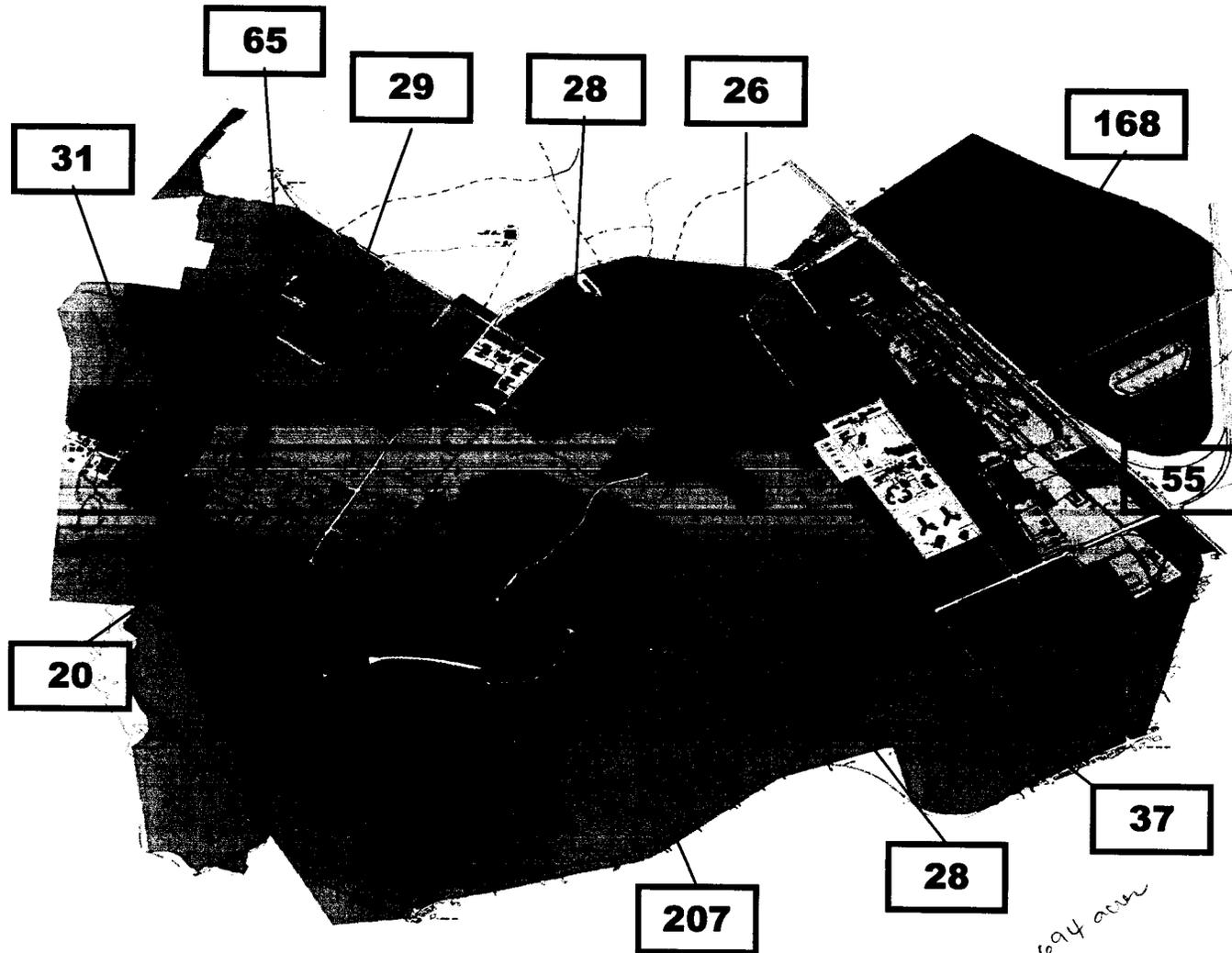


<u>FY</u>	<u>DESCRIPTION</u>	<u>COST (000)</u>
05	Scale & Truck Ramp Area	\$460
06	Deployment Ops Bldg	\$700
07	Tracks A, B & C & Truck Ramp	\$185
08	Vehicle Marshalling Area	\$85
09	Container Transfer Area	\$50
10	Surface-TMP Lot	\$52
11	Vehicle Wash	\$52





Buildable Acreage



LEGEND

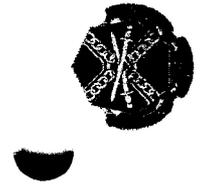
-  Family Housing
-  AIT Area
-  Training Facilities
-  Tactical Area
-  Tenant Activities
-  Industrial
-  MOB
-  Recreation
-  Garrison Activities
-  Buildable Land > 1800 acres.



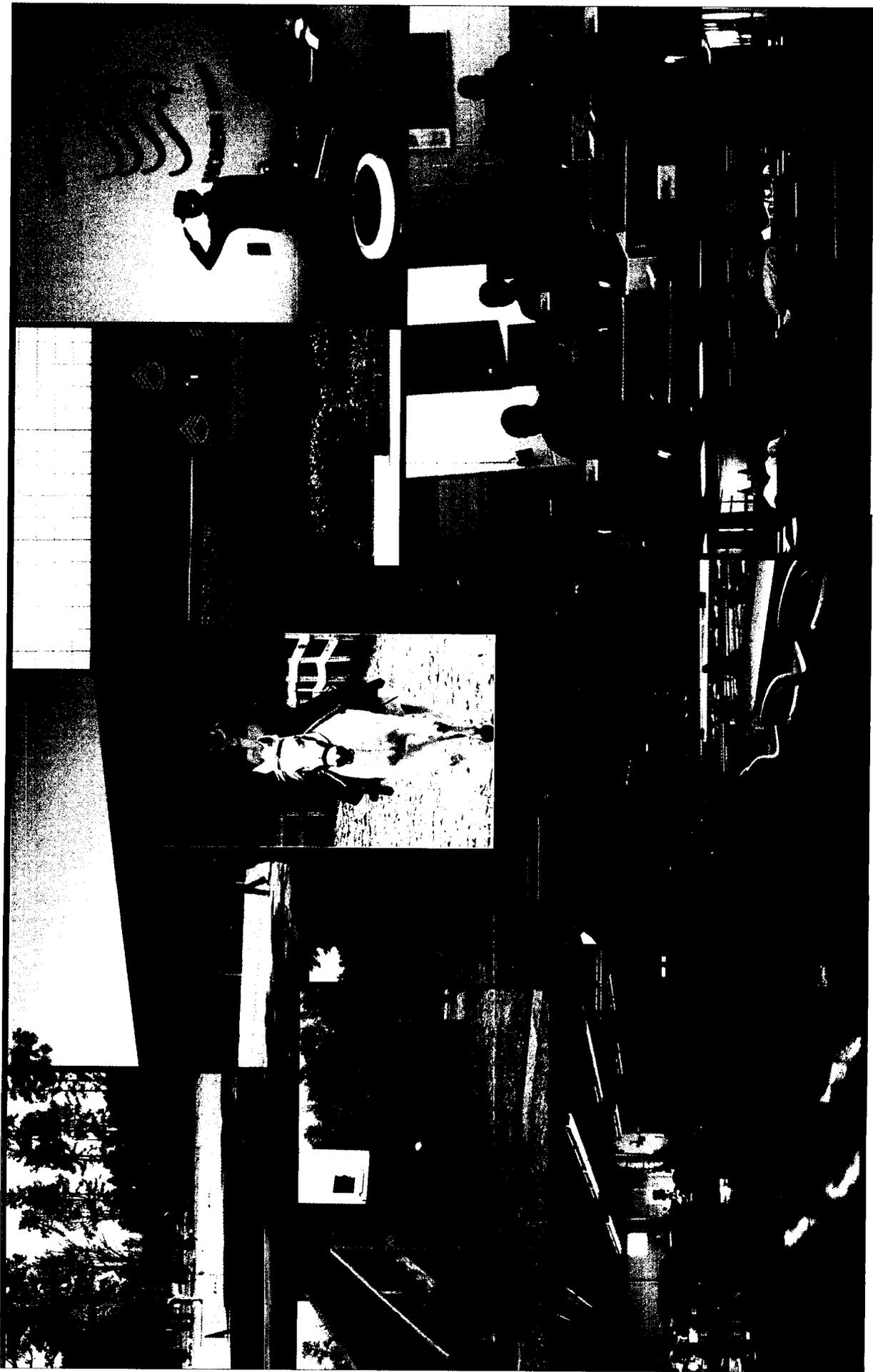
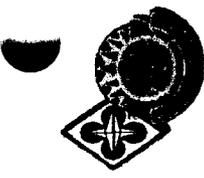
Military Value

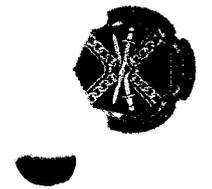
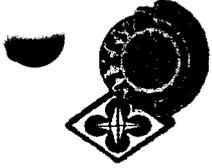
- **Fort Lee is a Multi-functional, Joint Logistics Center of Excellence**
 - Jointly train Army, Navy, Air Force, Marines
 - Multinational Logistics Training
 - Unique facilities and training
 - Essential for the Army Transformation
 - Joint and Multinational Logistics concepts and doctrine development
- **Ability to absorb new missions and tenants**
 - Army MACOM or Joint Headquarters
 - TO&E Brigade sized unit
 - Other Centers and Schools
 - Other Services Supply Schools





Quality of Life

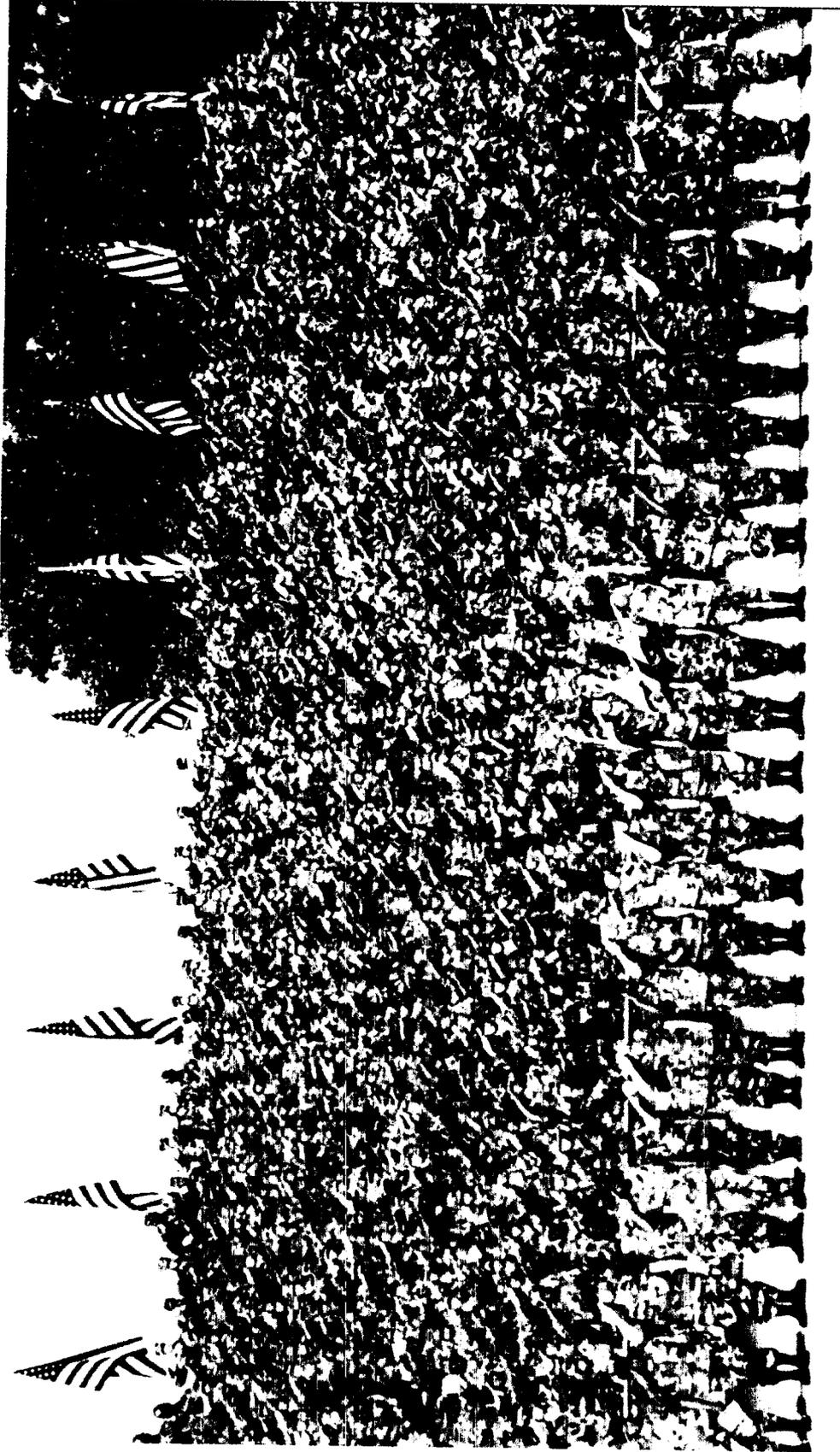




Quality of Life

- **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!***



United States

Combined Arms Support Command

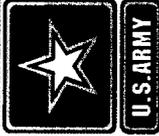
Welcome to Fort Lee, Virginia

COL(R) Gary Dinsick

Mr. Dean R...

Mr. Tom Pan...

★ MG Ann E. Dunwoody ★
Commanding General
Combined Arms Support Command



Supporting a Campaign Quality Army with Joint and Expeditionary Log Capabilities



Logistics Center of Excellence Concept

AC RECOMMENDATION

- **Realign Fort Eustis, VA by relocating the Transportation Center and School to Fort Lee, VA**
- **Realign Aberdeen Proving Ground, MD by relocating the Ordnance Mechanical Maintenance School to Fort Lee, VA**
- **Realign Redstone Arsenal, AL, by relocating the Munitions and Electronics Maintenance School to Fort Lee, VA**
- **Consolidate the Transportation Center and School and the Ordnance Center and Schools with the Quartermaster Center and School, the Army Logistics Management College, and Combined Arms Support Command**
- **Establish a Combat Service Support Center at Fort Lee, VA**

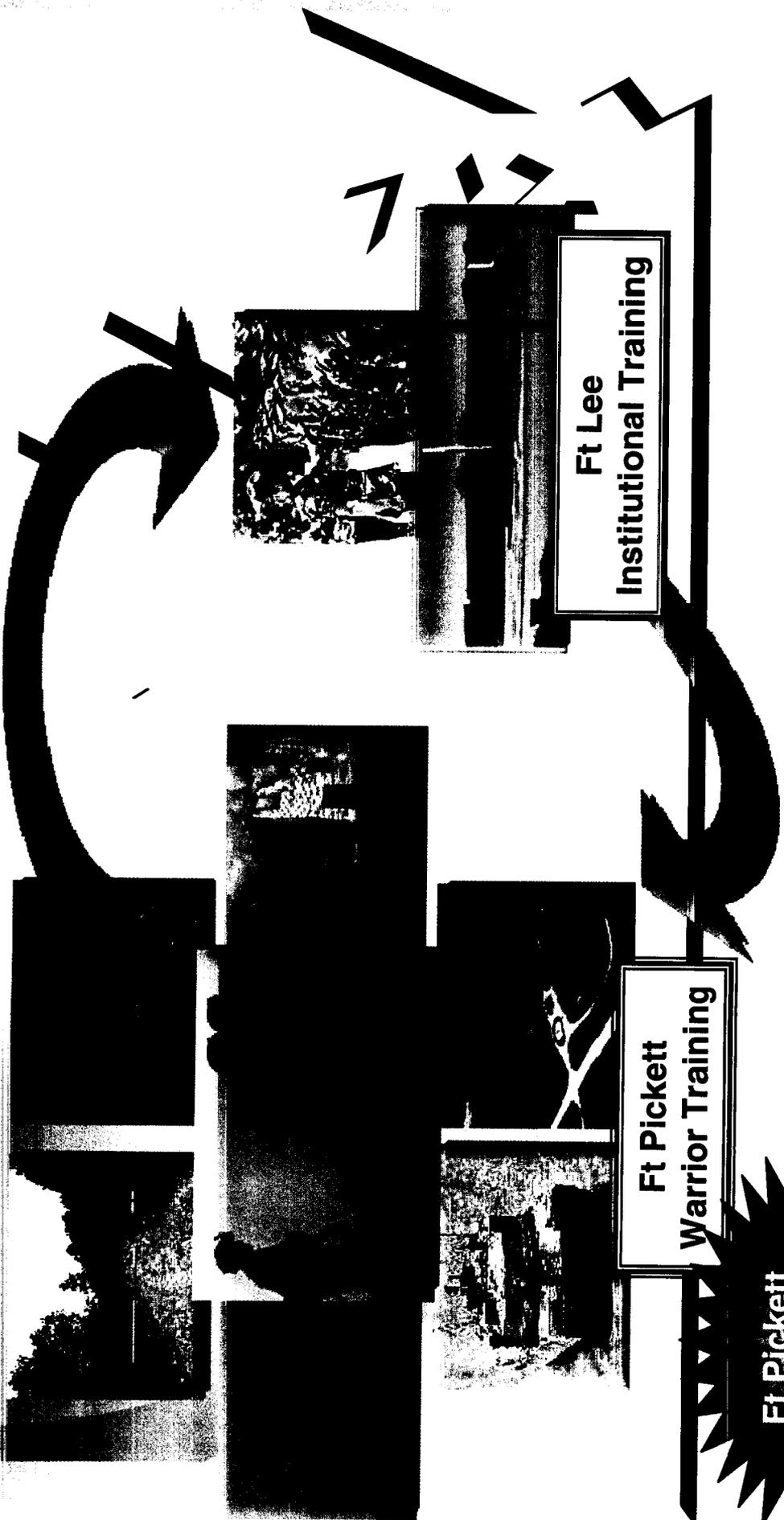
CASCOSOM Guidance

- **Build to the future, not to the past**
- **Continue to support the needs of our Army**
- **Identify other realignments consistent with BRAC language**
- **Consolidate functions where it makes sense . . . leverage good ideas at every opportunity**
- **Maintain the well-being of our Soldiers, civilians, families**
- **Consider impacts to our mission and to local communities**
- **Move forward on a coordinated front: CASCOSOM Board of Directors, senior military leaders, industry, and local community**
- **Develop a plan that will effectively/efficiently implement the congressionally approved BRAC 2005 recommendations**

”Leading TRADOC’s thinking on Centers of Excellence”

Logistics Center of Excellence Concept

By Maximizing Available Resources . . .



Ft Pickett
> 40,000 Acres
Available.

. . . The Army Gets Better Trained Soldiers

Fort Pic

World Class
Tactical Log
Exercise

- AIT
- BNCOC
- BOLC
- CLC3
- WOCS



Agile
Leaders

39/9 -
W...
B...



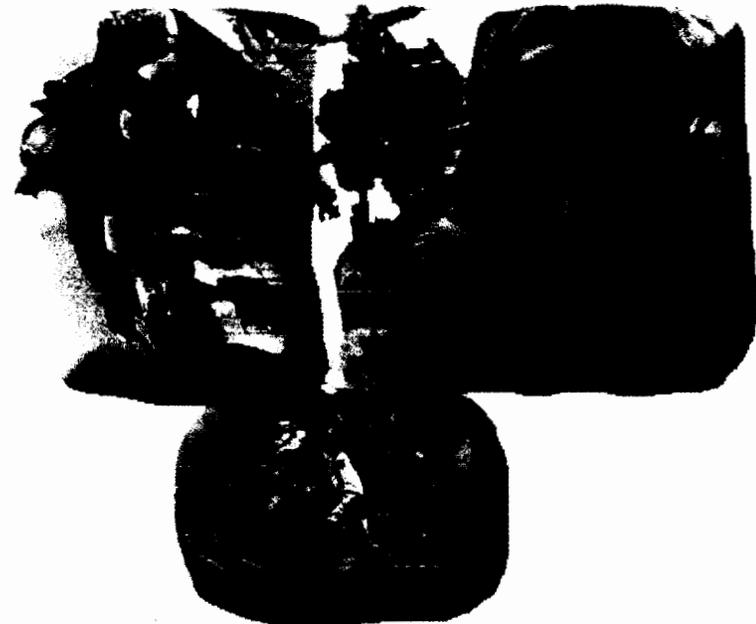
Logistics Center of Excellence Concept

Transforming Logisticians



from Functional Experts

- Proponent/functional focus
- "Lane" oriented operations



to Multifunctional Experts

- Multifunctional, joint expeditionary mindset
- Dynamic, cross-functioning, team synergy

... while continuing to support the needs of the Army

Logistics Center of Excellence...

Branch
Centric

CURRENT

FUTURE

LOG
Center
Of
Excellence

BRAC 2005

Functional → Multifunctional

Log University

COE for Logistics Education

TAA/MSFA

↓ Functional ↑ Multifunctional C²

CASCOM FAA

→ Functional to Multifunctional Focus

CASCOM Realign

→ Functional to Multifunctional Focus

AOE → MOD

→ Functional to Multifunctional Focus

Natural Evolution

... A Natural Evolution



CASCOM Mission and Vision

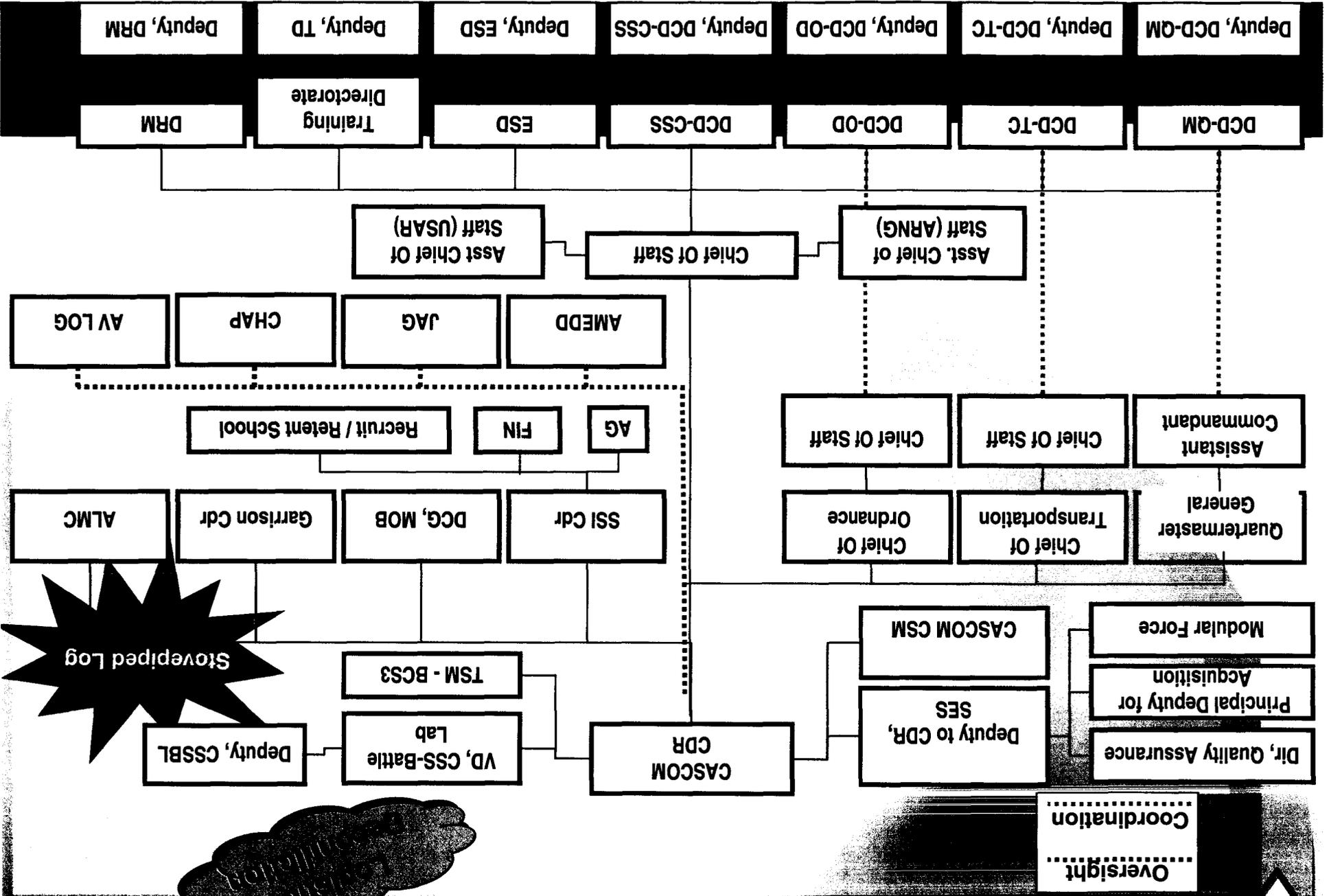
MISSION

Develop logistics leaders, doctrine, organizations, training, and materiel solutions to sustain a campaign quality Army with joint and expeditionary capabilities in war and peace

VISION

To be the Logistics Center of Excellence for the United States Army





CASCOM Yesterday . . .

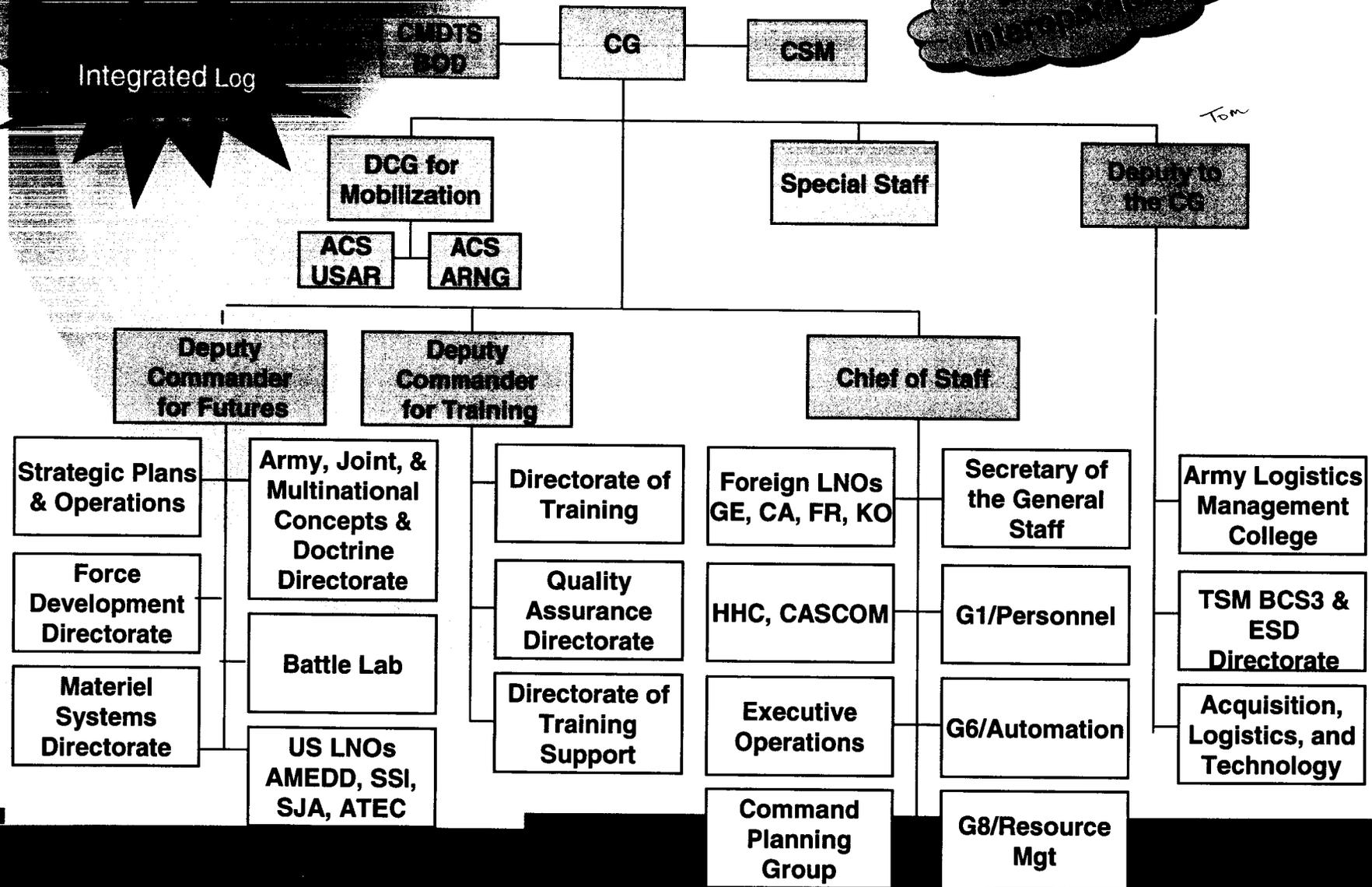




CASCOM Today . . .

Logistics Interoperability

Integrated Log





CASCOM Tomorrow!

Challenges
Handover

Ordnance
Quartermaster
Transportation
Soldier Support Institute
Judge Advocate General
Army Medical Department

BOD

CG

COS

- Registrar
- Academic Records
- Automation Support
- Simulation Support
- Operation Support

Deputy CG

Futures & Developments

Deputy CG

Initial Military Training

- Military, Technical, Tactical Training
- BOLC Phase III
- 27 MOS AITs
- ASI Producing Courses

Deputy CG

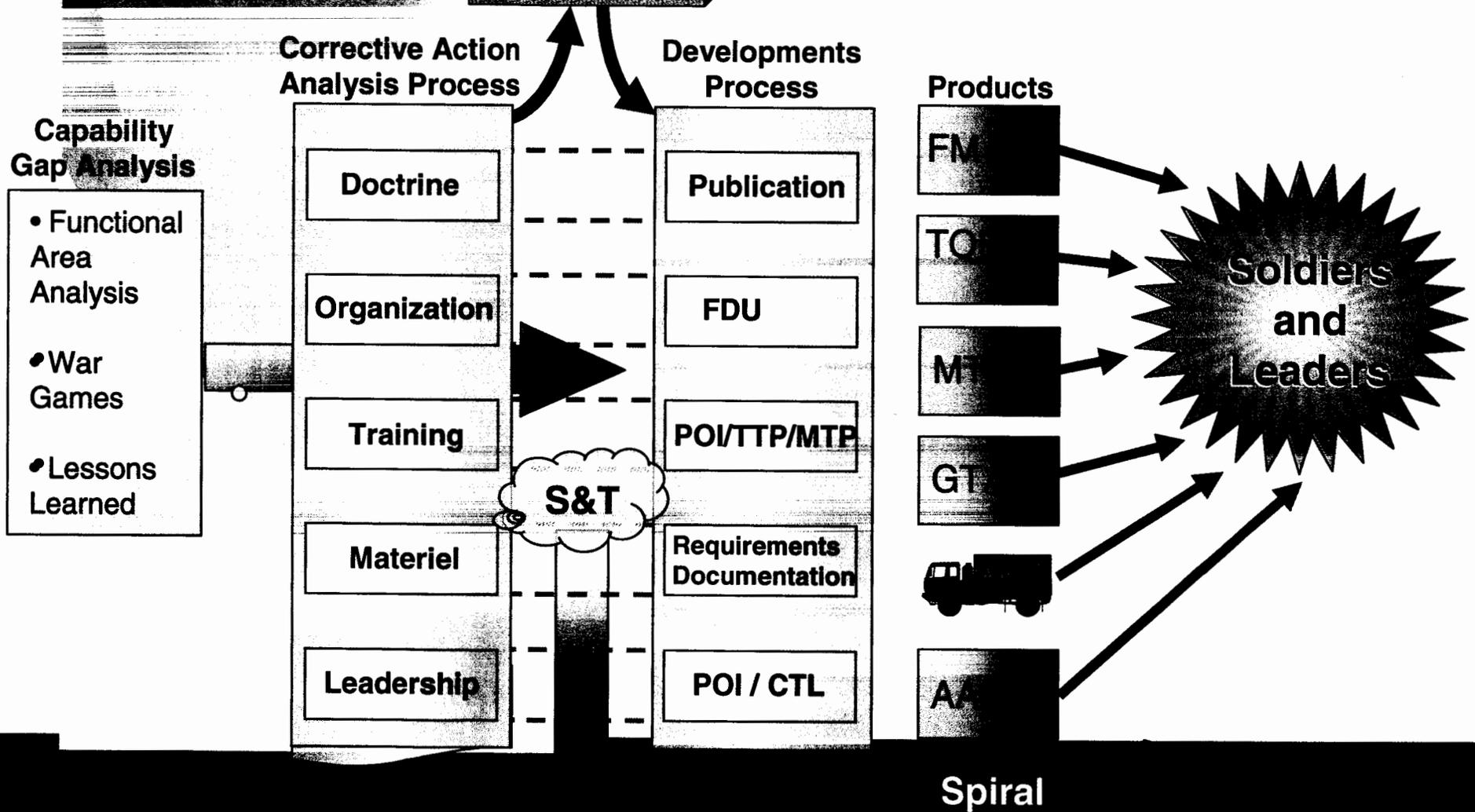
Logistics University

- Army/Joint/Multinational Concepts & Doctrine
- Strategic Plans & Ops
- Log Proponency
- Force Development
- Battle Lab
- Material Systems
- Training Development
- Quality Assurance
- LNOs (AMEDD, SSI, SJA, ATEC)
(MVR, AVN, ME, Fires?)

- PME
 - Officer
 - WO
 - NCO
- Civilian Education
- Sustainment Portal/LLC
- Functional Courses



Futures and Development Center





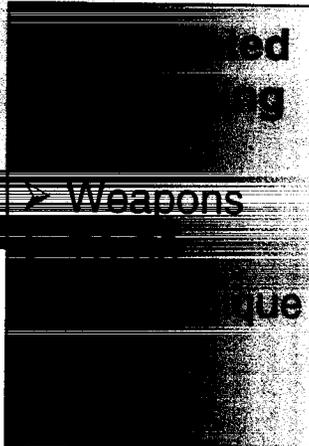
Initial Military Training Center

Basic IMT

35 S
 63 A
 63 D/3
 88 K/L
 88 M
 88 P/T
 89 D

92 S
 94 S
 45 B/KG
 44 E/P
 52 C/
 63 B/
 88 N
 89 B

Ft. Lee



Other Centers
 (ME, MVR,
 AVN, Fires)

Logistics COE
 (27 MOSs)

Log Core

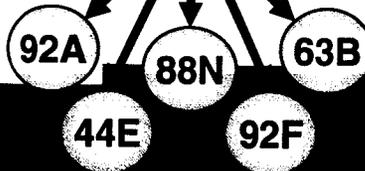
Functional

Ft. Pickett

Log Warrior Training

- > 39/9
- > Inter
- Multifunc
- Training
- > Tactical

1st Class
 Log Warrior
 FTX



Tactical

1st Duty Station

*Tactically
 and
 Technically
 Competent*



Current Logistics AIT Training

• 3 Centers & Schools
• 11 Sites

QM Center & School

Ft. Lee

92A	92M	92Y
92F	92R	
92G	92S	
92L	92W	

OD Center & School

APG

44B	45K	63B
44E	52C	63D
45B	52D	63H
45G	63J	

Ft. Knox

63A
63M

Ft. Leonard Wood

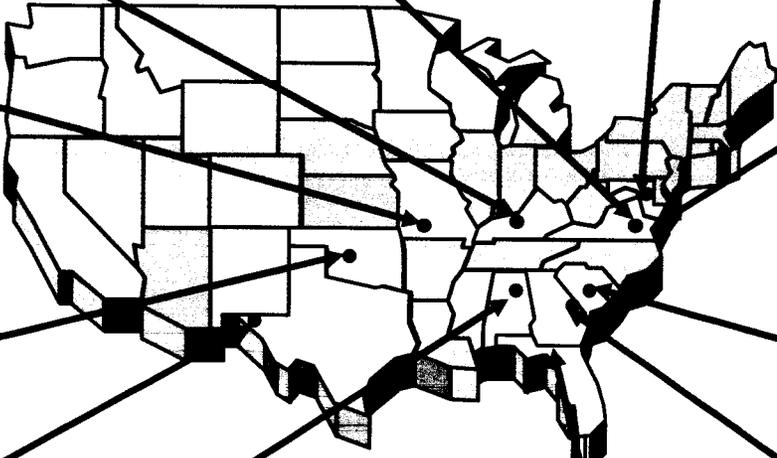
62B
88M

Ft. Sill

35M

Ft. Bliss

35S
88M



TC Center & School

Ft. Eustis

88K	88P
88L	88T
88M	88U
88N	

Ft. Jackson

63B

Eglin AFB

89D

RSA

35A	35P	89B
35H	35S	89D
35K	35T	
35M	35Y	

Ft. Gordon

35D	35R
35E	
35F	
35L	

CMF Guide:

- 35-series: Fix
- 44-series: Fix
- 52-series: Fix
- 63-series: Fix
- 88-series: Move
- 89-series: Arm
- 92-series: Sustain
- 94-series: Fix



Logistics Center of Excellence

- 1 LOG COE
- 8 Sites

Ft. Lee LCOE *

44B 45K 63B 94T 92A 92M 92Y
 44E 52C 89B 94H 92F 92R 88N
 45B 52D 94A 94K 92G 92S
 45G 63J 94P 94Y 92L 92W

MOSs at Ft. Lee COE

44B metal worker
 44E machinist
 45B sm. Arms/Arty repair
 45G fire control repair
 45K armament repair
 52C utilities repair
 52D pwr-generation repair
 63B light wheel veh mech
 63J QM&CM equip repair
 89B ammo specialist
 88N trans mgmt coordinator
 92A automated log spec
 92F POL Supply spec
 92G food service ops
 92L POL lab spec
 92M mortuary affairs spec
 92R parachute rigger
 92S SLCR spec
 92W water treatment spec
 92Y unit supply spec
 94A land combat electronic
 missile system repair
 94H TMDE maint spec
 94K Apache atk helo sys repair
 94P MLRS repair
 94T Avenger sys repair
 94Y IFTE operator & maintainer

Ft. Leonard Wood

62B
 88M

Ft. Eustis

88K 88T
 88L 88U
 88P

Ft. Sill *

35M
 35S
 63D

Ft. Gordon

35D 35R
 35E 35L
 35F

RSA

89D

Eglin AFB

89D

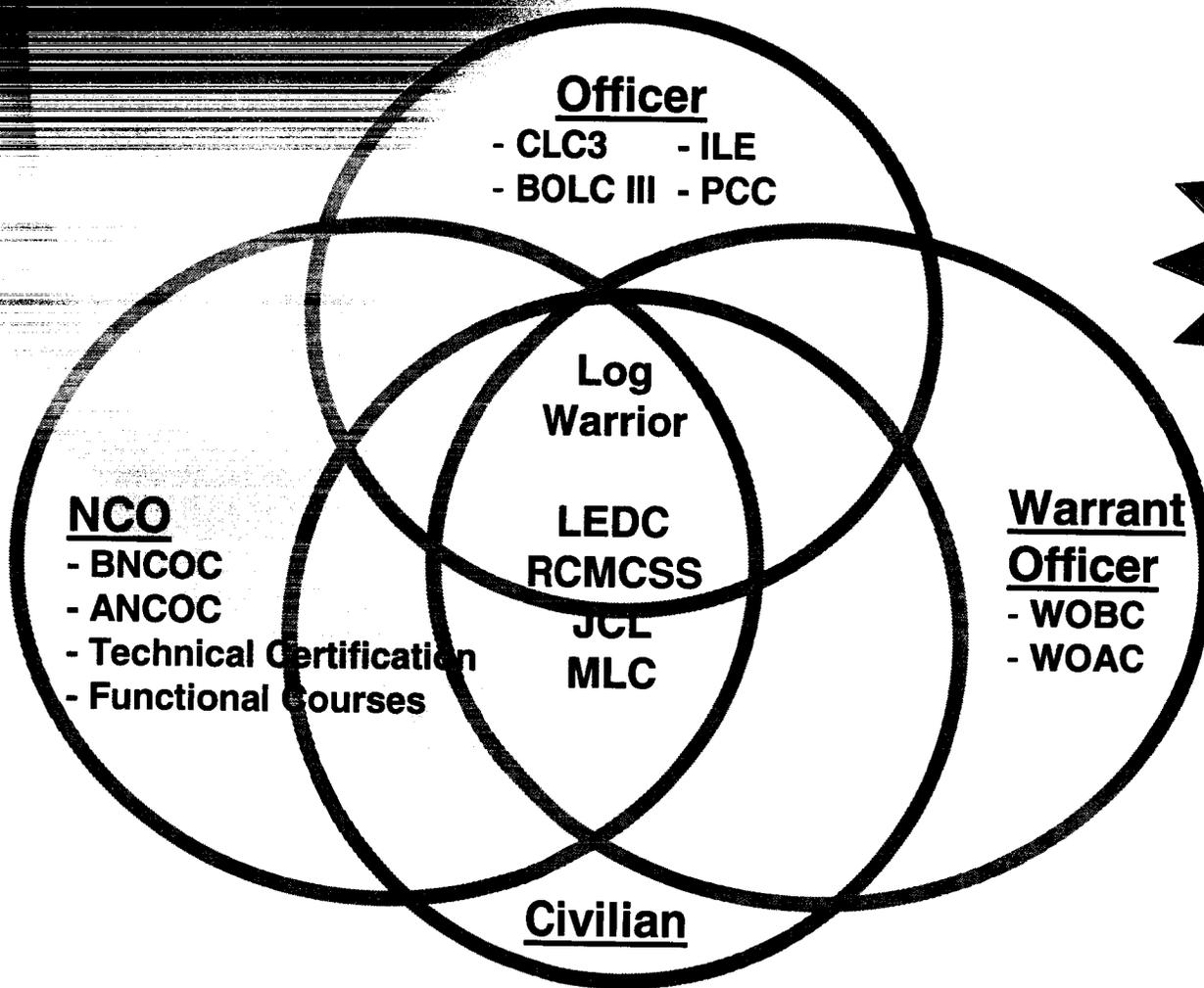
Ft. Benning *

63A
 63H
 63M

Green text represents new MOS at that location



Logistics University Center of Excellence



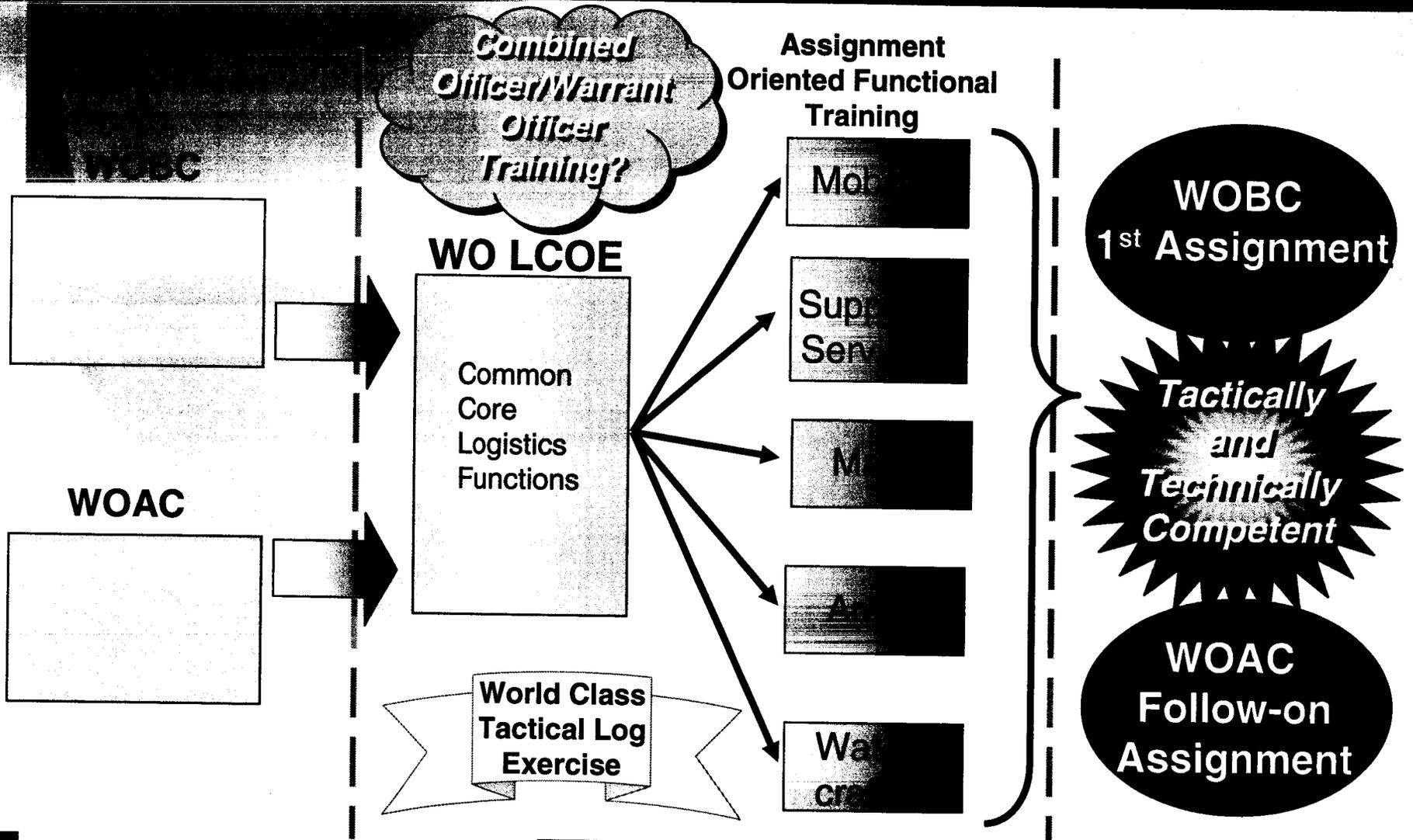
**Agile Leader
 Scenarios Must be
 Embedded in
 Instruction**

**Cultural
 Awareness**

Center of Excellence for Logistics Education ... all logisticians - military and civilian - and all compo's and levels after Initial Military Training.



Warrant Officer Training





Basic Officer Leadership Course

BOLC Phase I

- Pre-Commissioning
- ROTC
 - USMA
 - OCS/WOCS

**Agile Leader
Training &
Development
Starts Here**

LCOE

BOLC Phase III

Multifunctional
Logistics Core

1st Duty Station

**Tactically
and
Technically
Competent**

BOLC Phase II

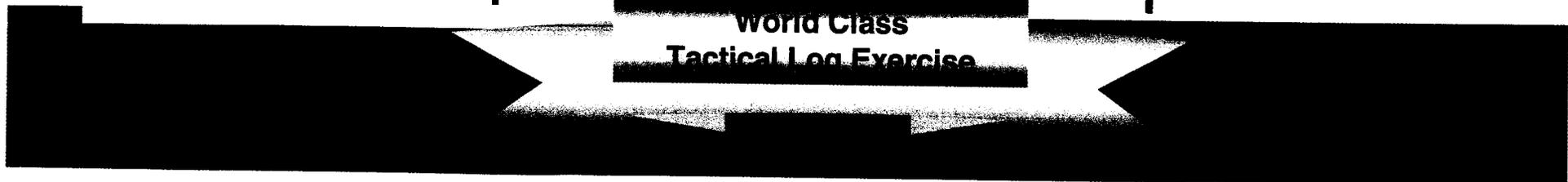
- Warrior Ethos
- 6 weeks
 - 4-5 sites
 - Combined Arms

OR

BOLC Phase II (Ft. Pickett)

- Warrior Ethos
- 6 weeks
 - 4-5 sites
 - Combined Arms

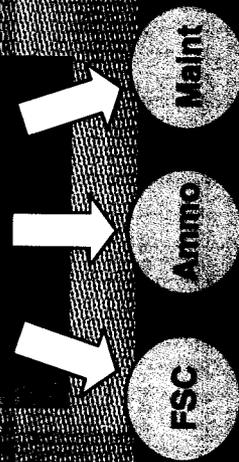
**World Class
Tactical Log Exercise**



Combined Logistics Captain's Career Course

Job based
Development
Continues...
Reinforced

World Class
Tactical Log
Exercise



Assignment Oriented Training

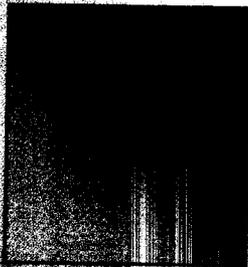


NCO Leadership

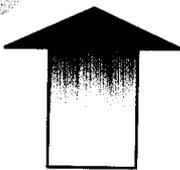
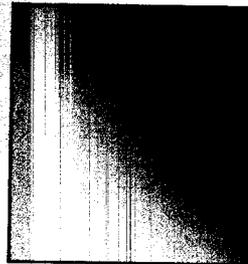
Consolidated NCO Academy

Development
Continues...
Reinforced

PLDC



Field



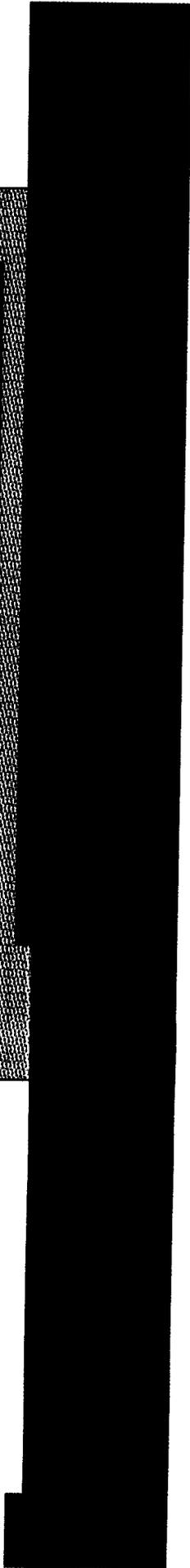
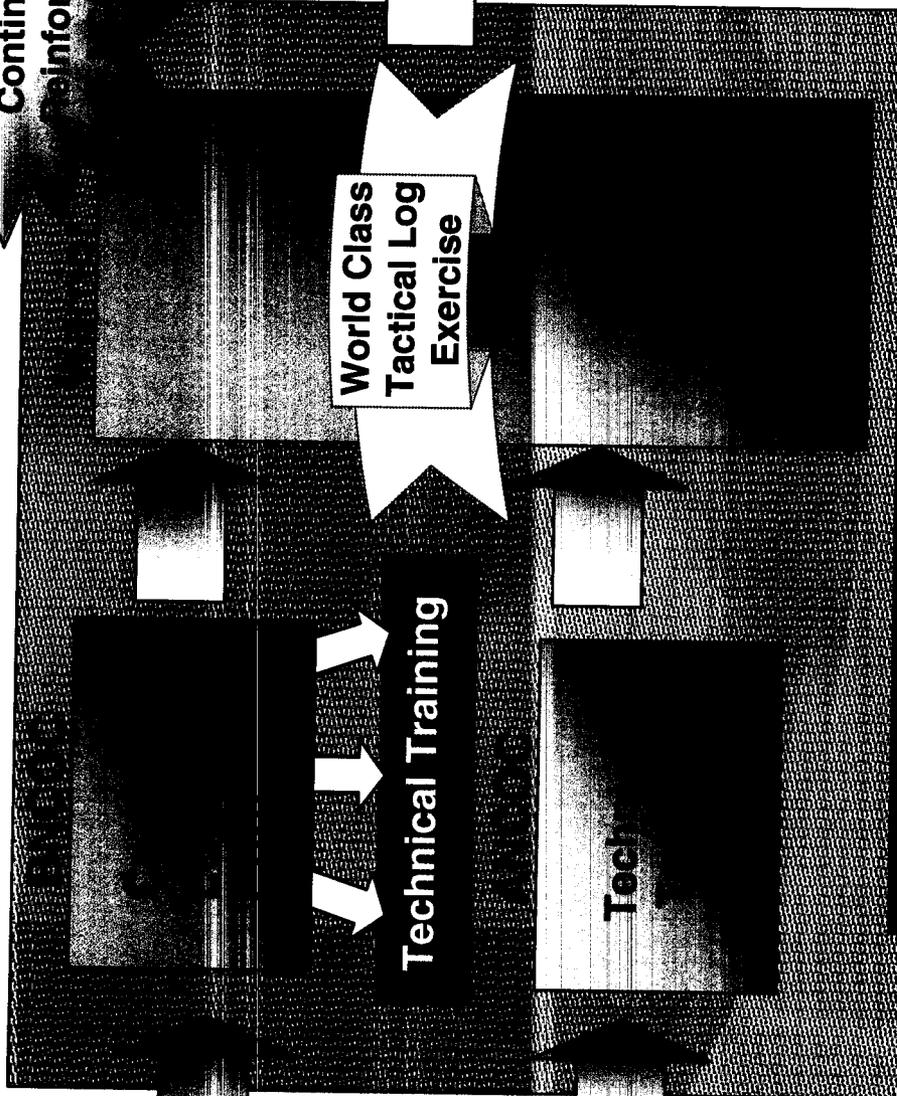
Technical Training



Tech

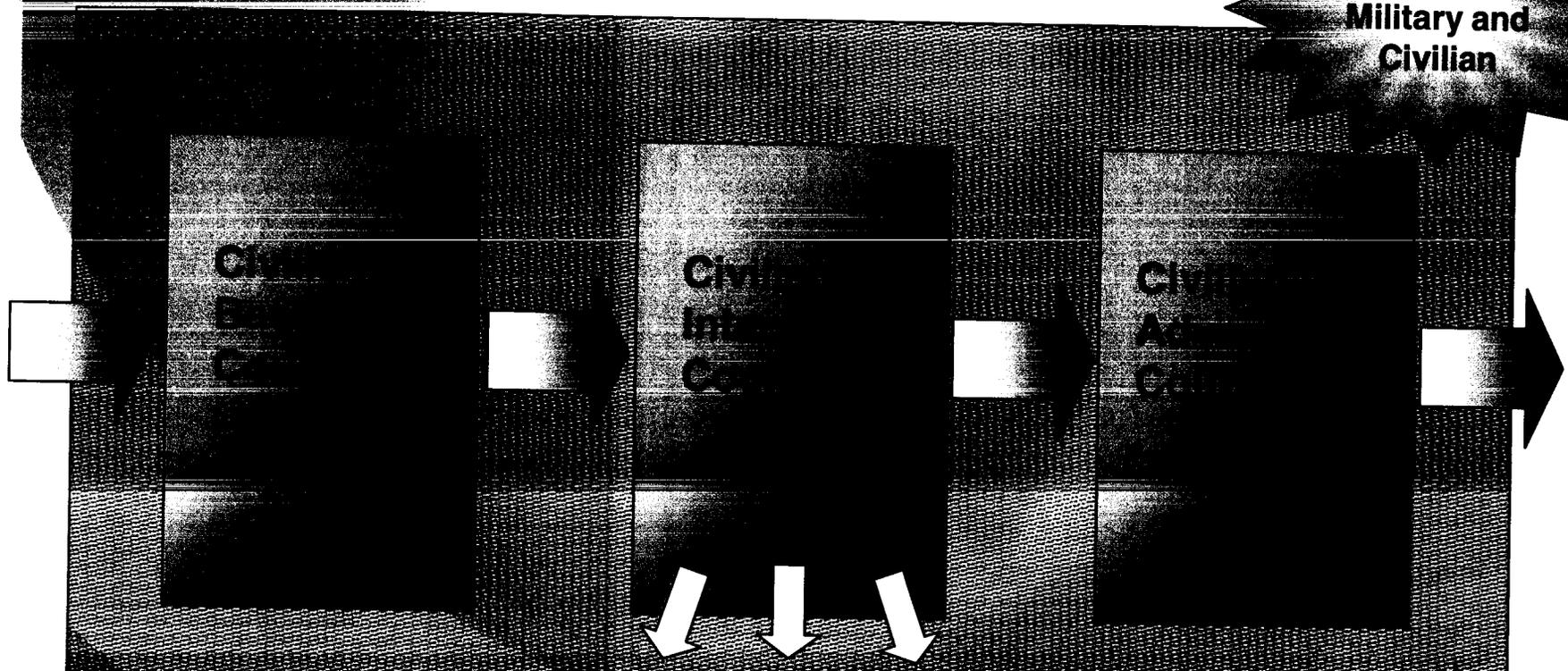


World Class
Tactical Log
Exercise



Department of the Army Civilian Education

**People Leaders
Development for
Military and
Civilian**



Multifunctional Logistics Focus

**World Class
Tactical Log
Orientation**



Concluding Thoughts

- **Build to the future, not the past**
- **Must continue to support the needs of the Army**
- **BRAC recommendations are consistent with CASCOM direction and focus – a natural evolution**
- **Community supportive and engaged**
- **Critical we get it right the first time . . .**

*Supporting a Campaign Quality Army with Joint and Expeditionary
Log Capabilities*





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

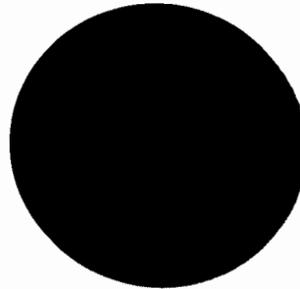


Stationing Actions Requested



Ordnance School

Fort Jackson
-63B Training
-187th Ord Bn



Fort Bliss

72nd MP Company

*clarification per e-mail
5 July 05, 0830, subj: Fw: BRAC Discretionary Moves.
This proposal is to leave 63B training and the
187th Ord Bn move to Ft. Lee.*



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

*Rebmit @
Fives Ctr*

*Bradley @
Institute Ctr*

*Track New Fort Meigs
Mannock Ctr*

*MDA
Aircom Center*

Transportation School

88M from Fort Bliss to Fort Leonard Wood.

All Bus → Sill



Recommend Remain in Place



Ordnance School

- Redstone Arsenal
- Hazardous Devices Tng School
- EOD Training

*-89D
(200 9-2)*

Transportation School

- Fort Eustis
- Maritime Tng
- Cargo Tng
- Rail Tng

*SEP/1454
SEP/1454
SEP/1454
SEP/1454
SEP/1454*



BRAC Totals

*Current FY09
data
w/ earlier recommendations*



<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 nd MP Co	70	0	0	0	0
DeCA	1	337	0	0	0
DCMA	45	523	0	0	65
<u>TOTALS</u>	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

2 *See BRAC 05 Recommendations*

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

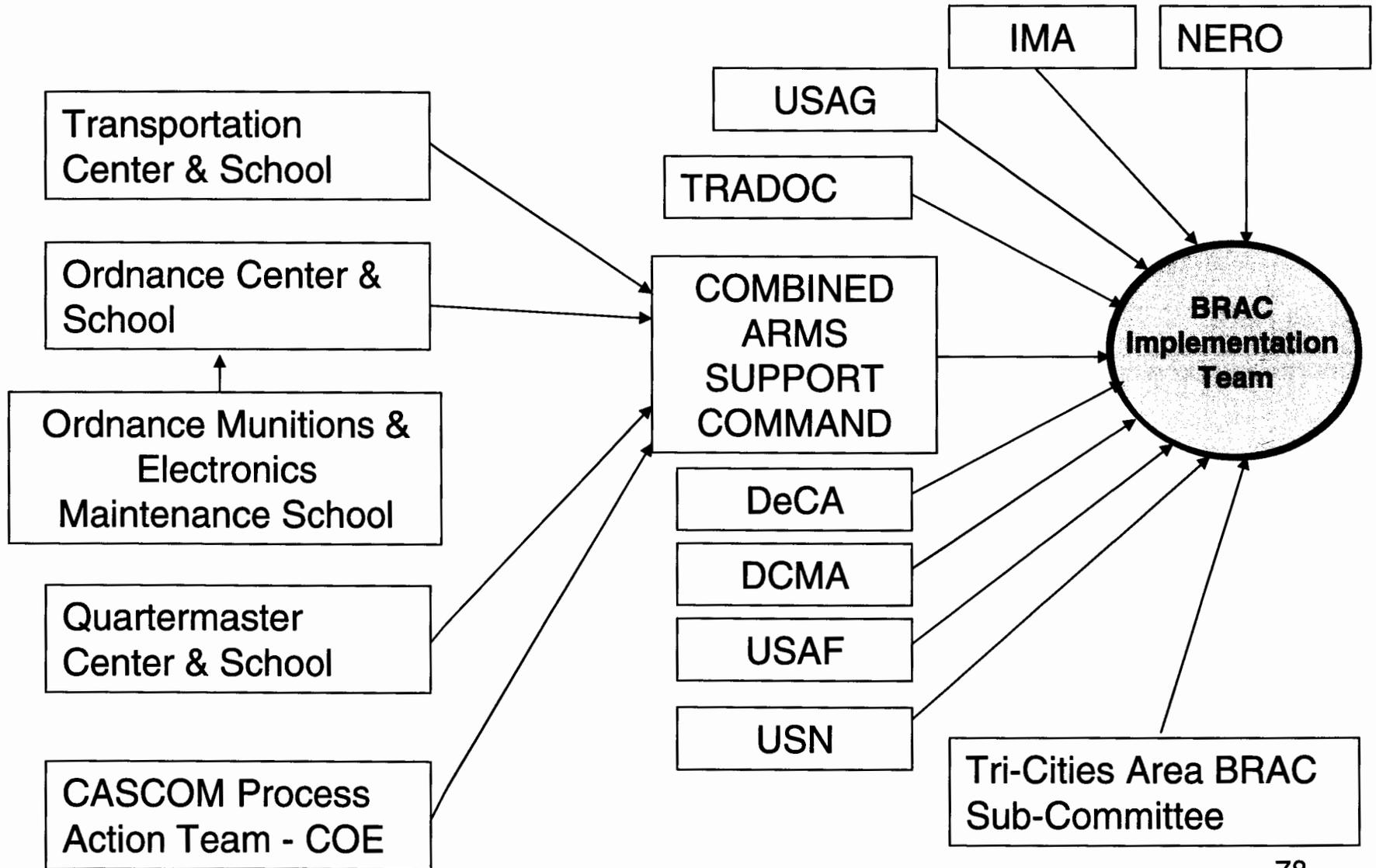


- If all BRAC Recommendations and Stationing Actions are approved...

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
 - Fort Eustis
 - Redstone Arsenal
 - 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	Site 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

*due to NERO
on 9 Sep*

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 requirements 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

Initial Print generated

CASCOM, QM, ORD, TRANS Ldrs

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 & 1st Sgt

Lee Facility Requirements

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

} PN 64147
\$ 51.0M

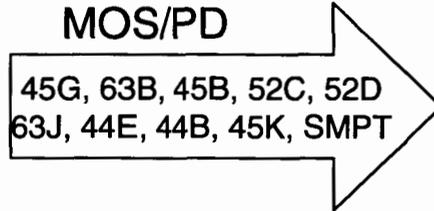
66.0M ✓



CSS BRAC Requirements Analysis

APG/Edgewood

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



Lee Facility Requirements

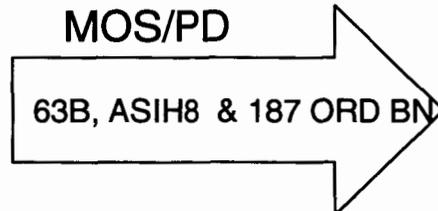
299,146 SF Gen Instr
460,672 SF Applied Instr
115,166 SF Admin
24,984 SF Veh Maint
158,783 SF Museum & Restor
Fac
36,244 SF Storage

PN 64349
\$ 301.0M

Handwritten notes and scribbles

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 SFStorage
11,460 SF Vehicle Maint

PN 64377
\$ 90.0M

Handwritten notes and scribbles

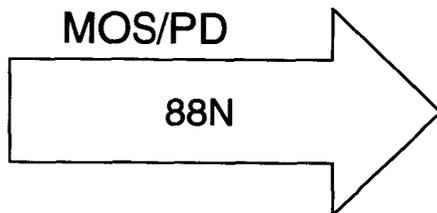
*AIT only



CSS BRAC Requirements Analysis

Eustis

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



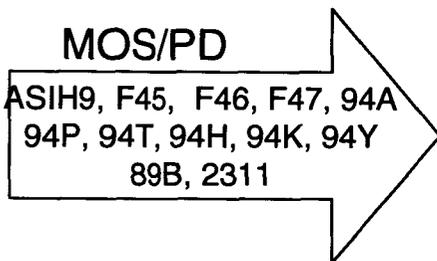
Lee Facility Requirements

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



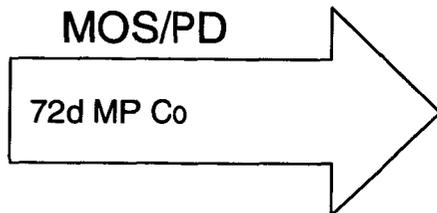
Lee Facility Requirements

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)

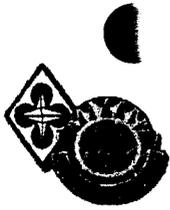


Lee Facility Requirements

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

Culinary Training

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

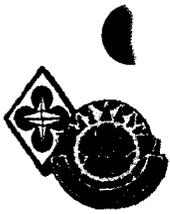
Transportation Training

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

Two Training
 Brigades & a Trans Co

* 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)

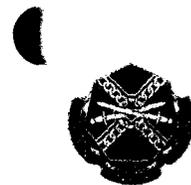
264 Mil (PP)

Single Soldier
 Requirements E1-E5

Lee Facility Requirements

102,432 SF UPH
 13,245 SF DFAC

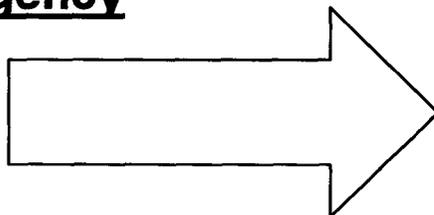
PN 64109
 \$ 35.0M



DOD BRAC Requirements Analysis

Defense Contract Management Agency

45 Mil (PP)
523 Civ
65 Contractors



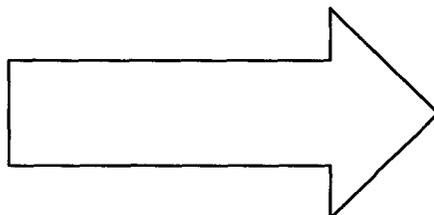
Lee Facility Requirements

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)		
TOTAL	64237	137,000



Fort Lee Community Support Requirements

	PROJECT DESCRIPTION	PROJECT NUMBER	COST \$(000)
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

216,700
13,130
335,940 ✓



Fort Lee Community Support Requirements (Cont)

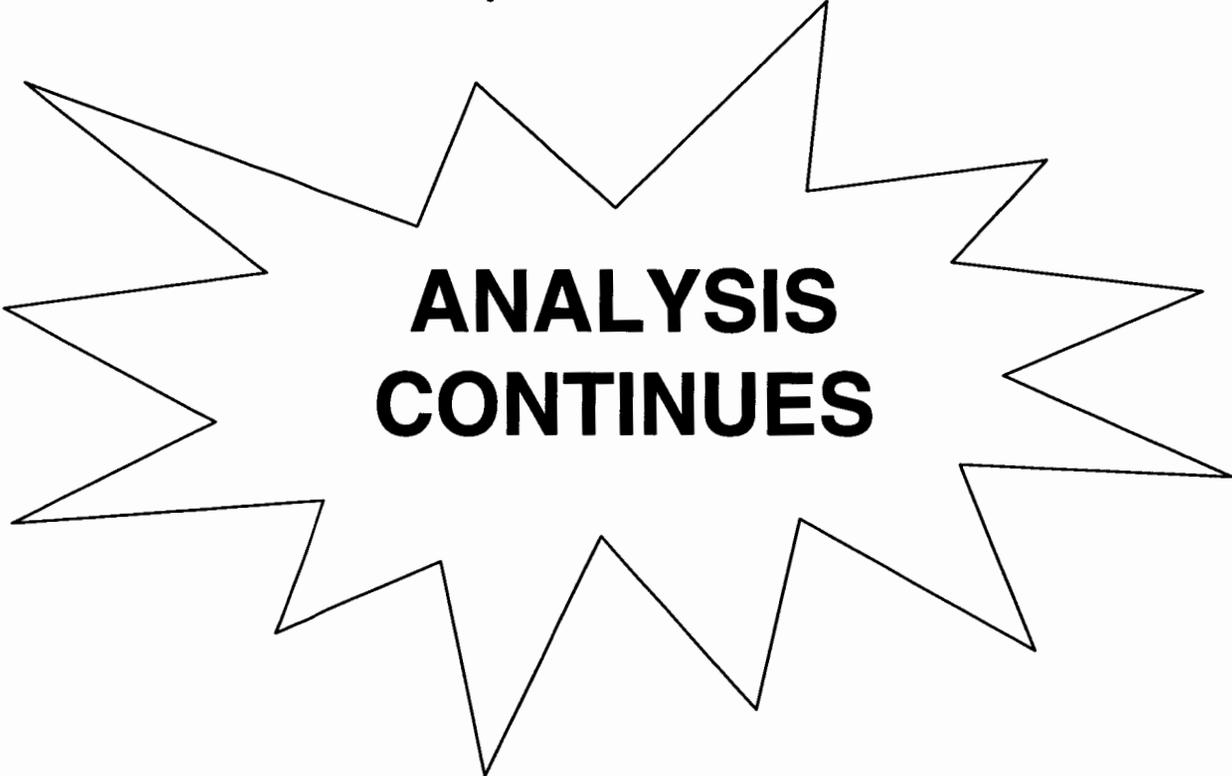
	PROJECT DESCRIPTION	PROJECT NUMBER	COST \$(000)
14	Chapel	64124	8,700
15	Physical Fitness Centers	64142	33,000
16	Child and Youth Services	64143	6,400
17	Dental & Troop Medical Clinic	64145	17,500
18	Kenner Health Clinic Alteration	64332	5,200
19	Fire Station	64351	5,900
20	Youth Center & Sports	64372	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

118,700 ✓



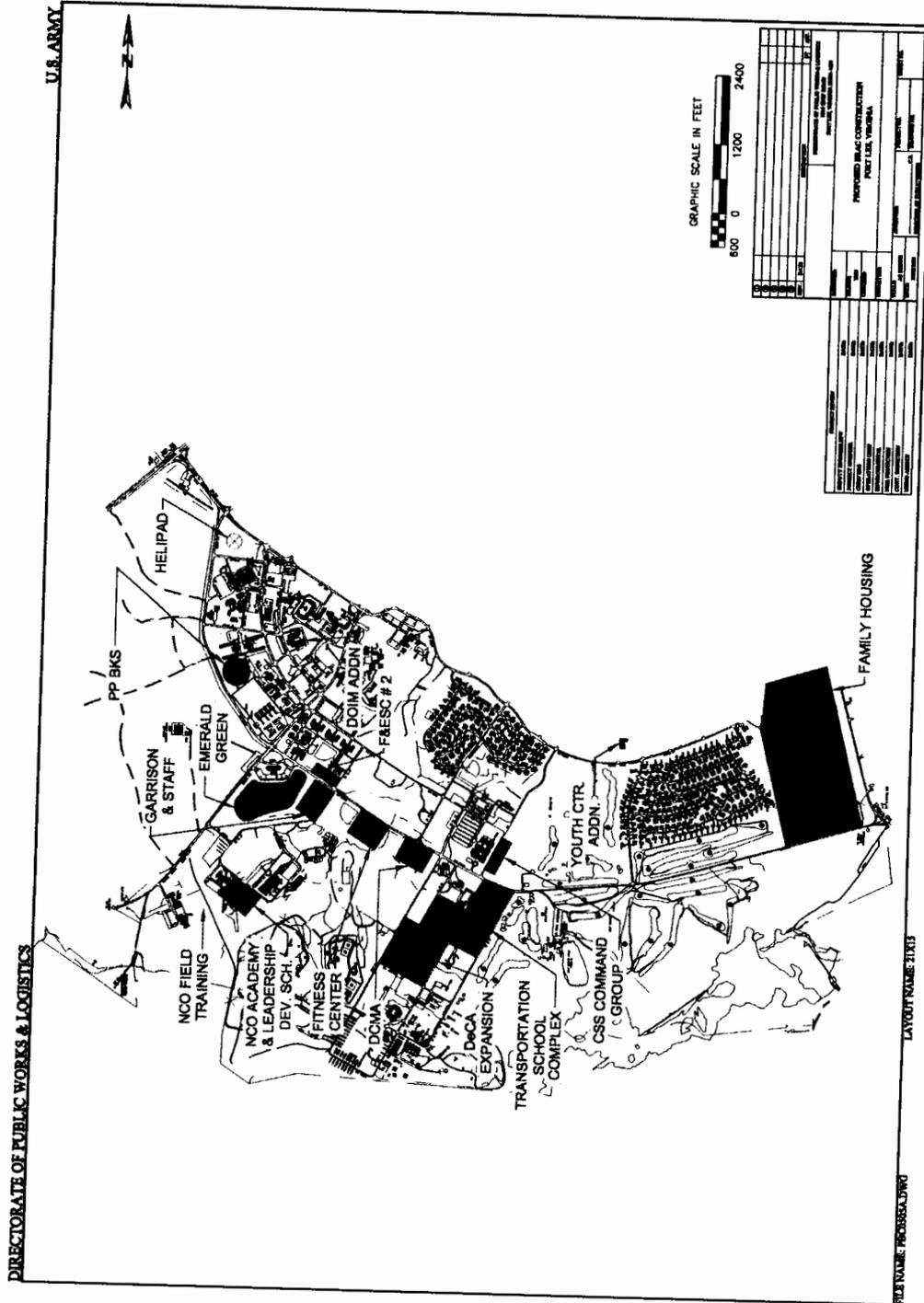
BRAC Construction Requirements

- 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**

BRAC Construction Site Map



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 predominantly 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

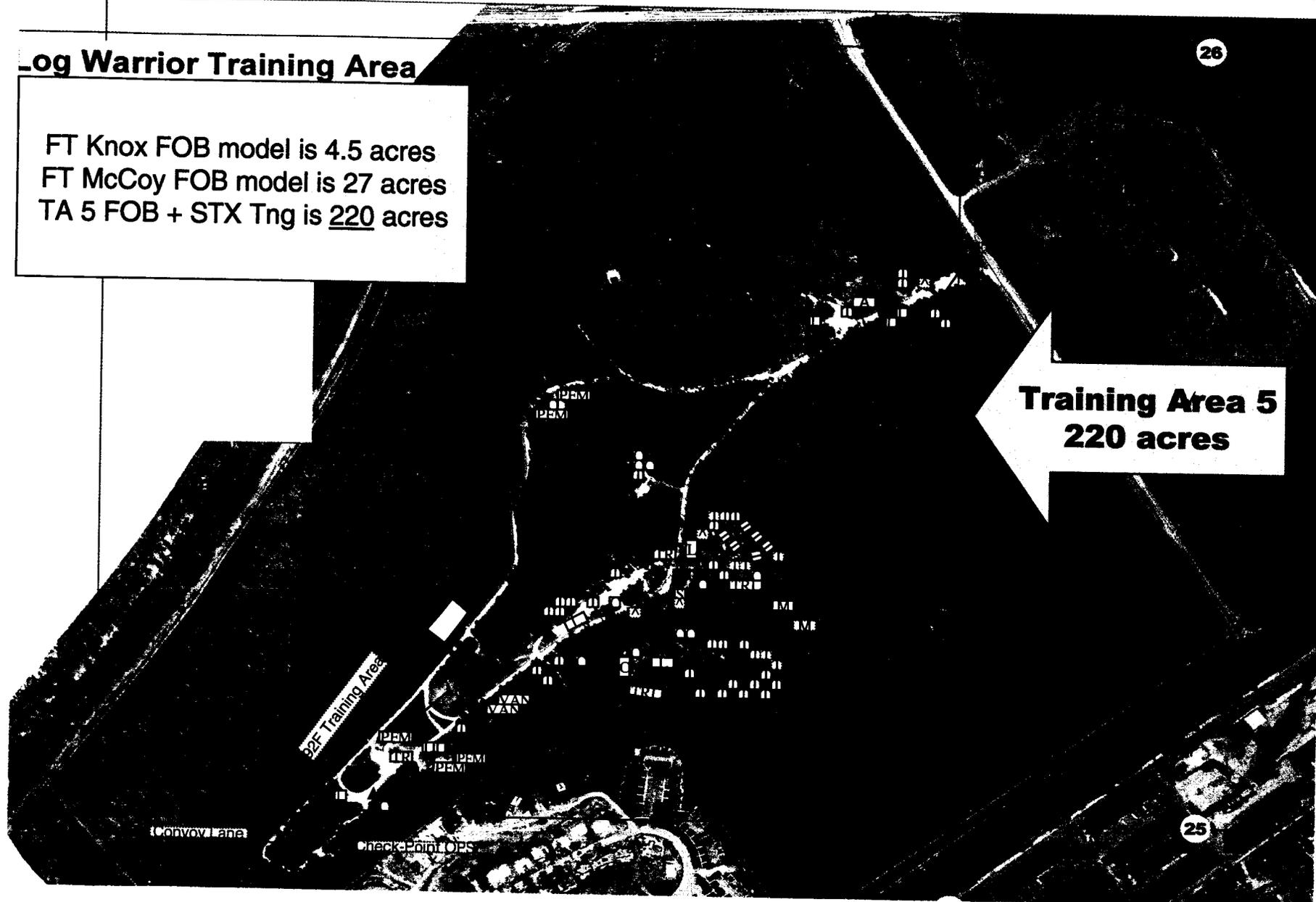
Forward Operating Base



FT Lee Log Warrior Site

Log Warrior Training Area

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





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 *grenade launcher*
- 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)

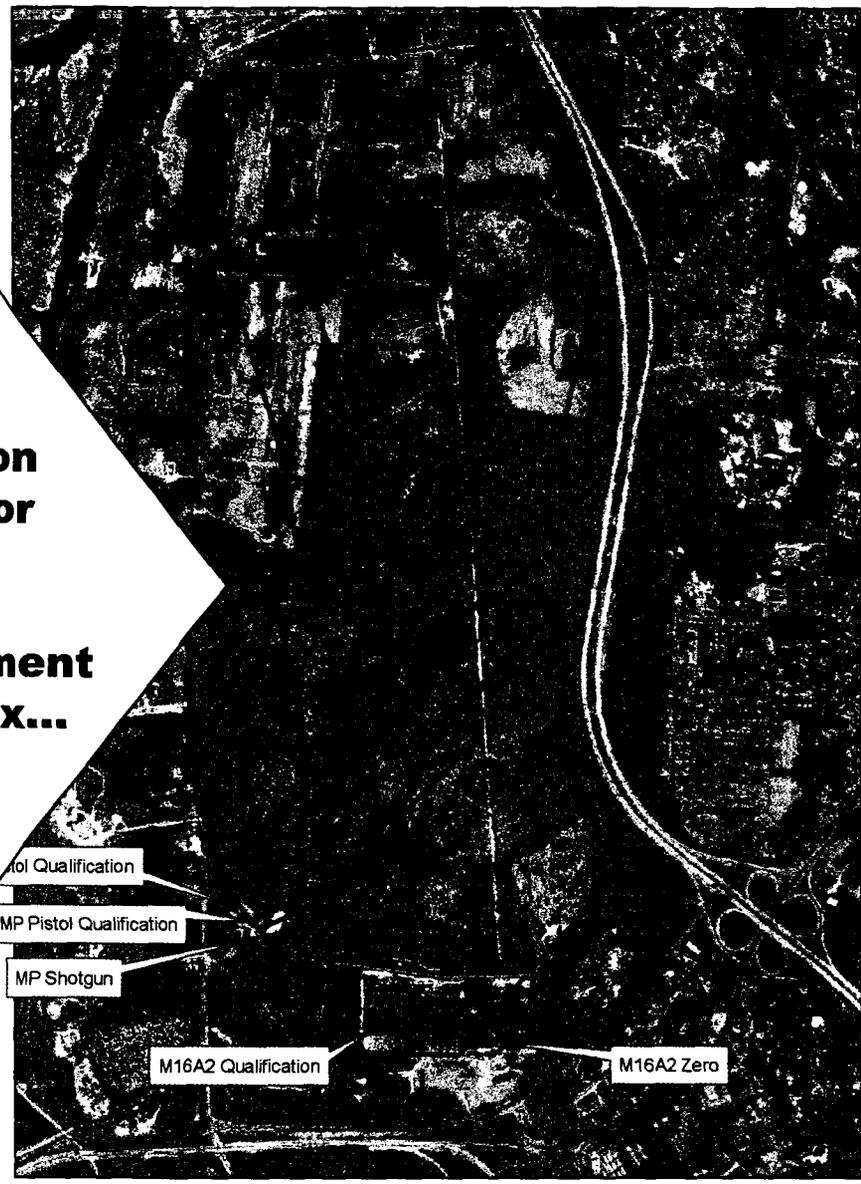
- Move under direct fire
- React to indirect fire (dismounted & mounted)
- React to direct fire (dismounted & mounted)
React to unexploded ordnance hazard
- React to man-to-man contact (Combatives)
- React to chemical or biological attack/hazard
- Decontaminate yourself & individual equipment using chemical 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

© Lee



Current Range Configuration



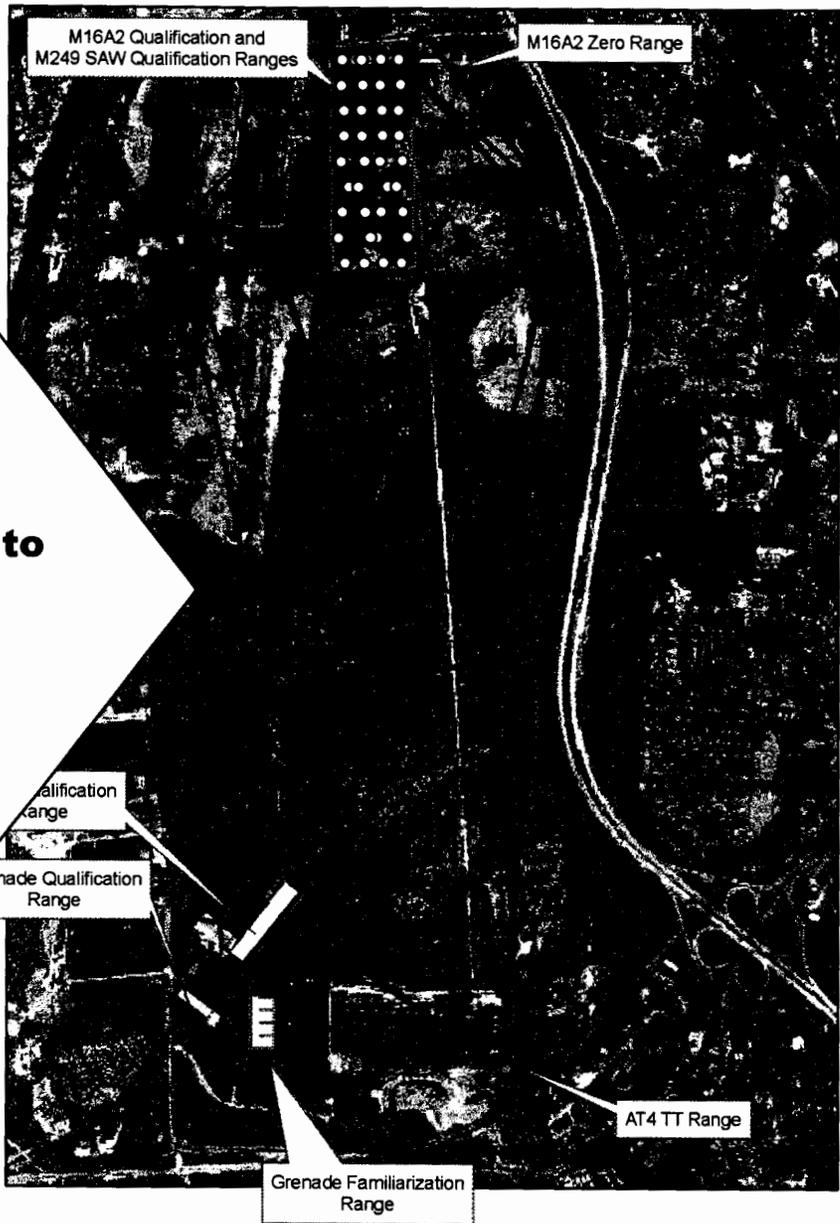
Current Range configuration cannot fully support Warrior Task and CLFX Training.

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

11/08/04



Fort Lee Range Development Plans



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

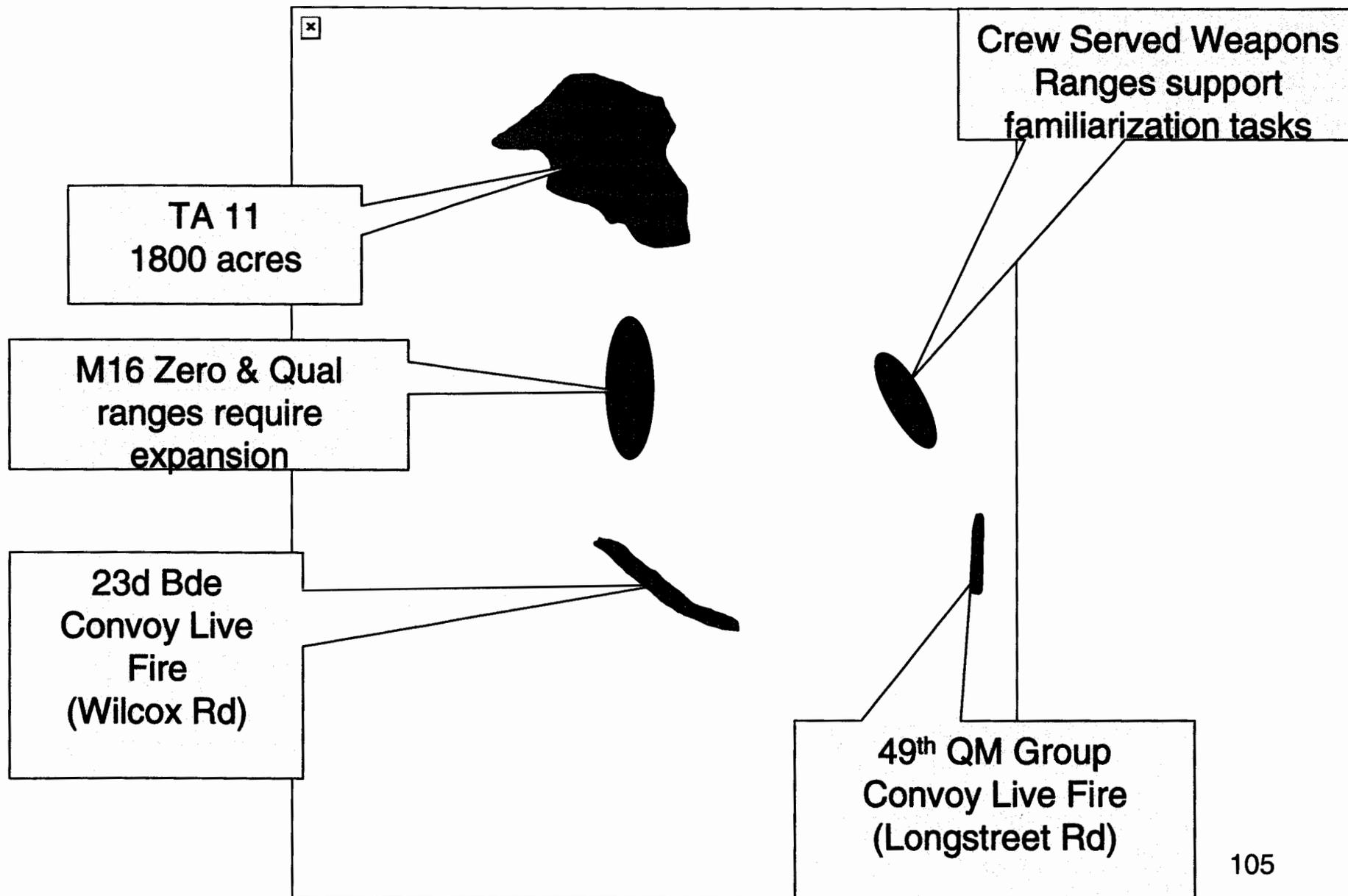
We found a better one...

11/08/04

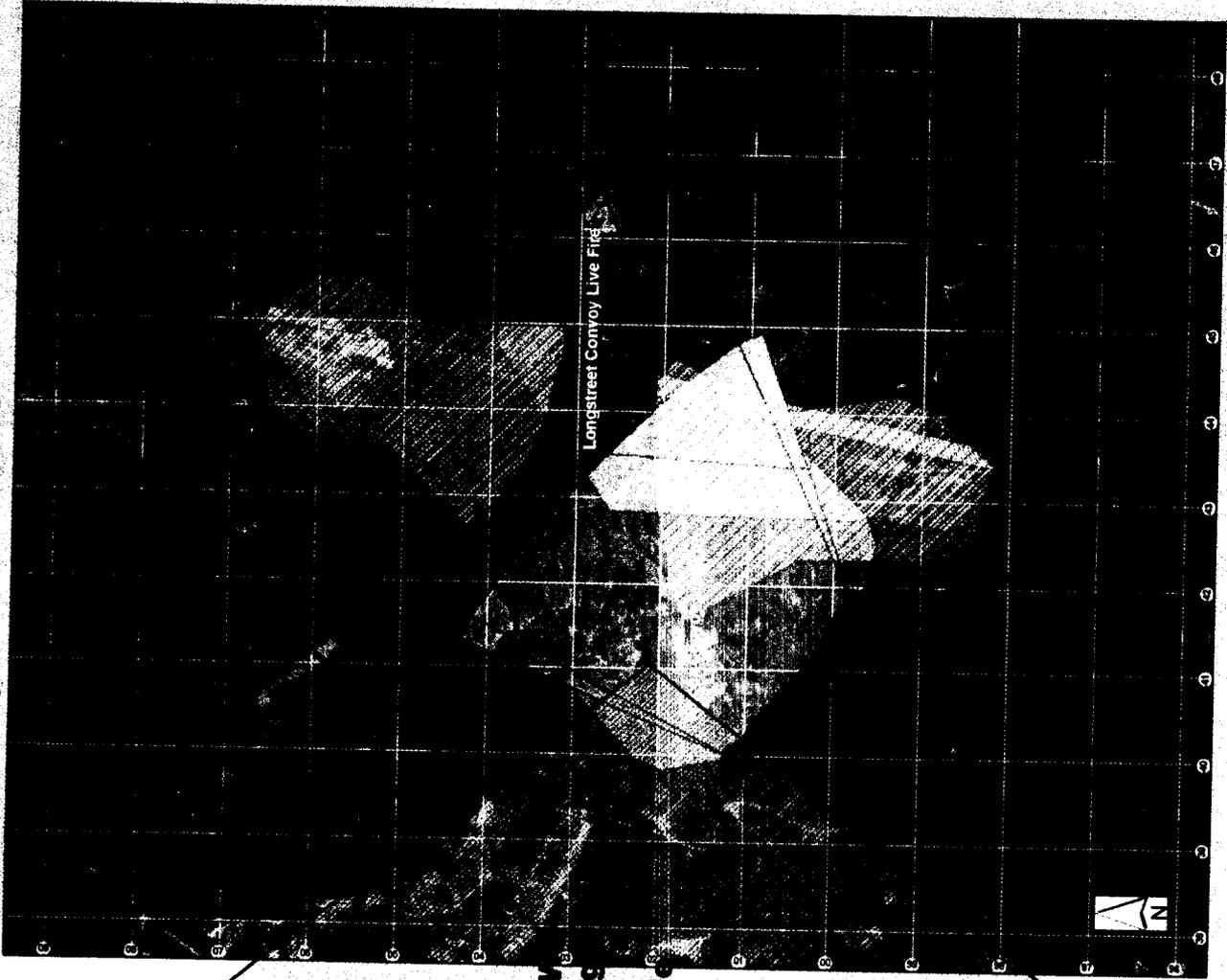




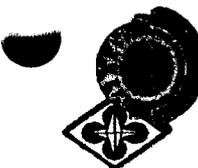
Warrior Training at FT Pickett



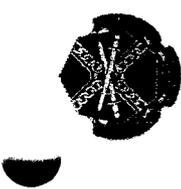
Existing Convoy Live Fire Courses



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
- Commonwealth of Virginia fully supports
- Two FT Pickett Site visits conducted already
 - Provided concept and projected requirements
- FT Pickett identified suitable training land
- ISSA research initiated *we build facilities, provide personnel to augment Pickett staff, needs for range unit & facility maint. Also provides EMS support*
- 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

*What's plan for...
... of ...*



- 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?

- We have recommended that the EOD (MOS 89D) training not move to FT Lee

*- issue of FBI Area
- issue of EOD ... not enough
in Army to transition & keep
up support to AA
- no EOD facilities in CORRA*

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 49th 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

**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!***

Questions for the Record

Visit: Ft Lee, VA

Date: 27 June, 2005

BRAC Team Members:

Gary Dinsick – Army Team Leader

Dean Rhody – Army Senior Analyst (Lead)

Tom Pantelides - Joint Issues Team Senior Analyst

1. How does Fort Lee plan to site the incoming activities? Specifically, is there sufficient land area to accommodate necessary construction of buildings, training devices, and ranges including safety fans?

Answer: Based on the current information available on incoming activities, Fort Lee has sufficient buildable acres to support the BRAC recommendations. The Fort Lee Site Plan has been updated to reflect the BRAC required construction of buildings and training devices. To the maximum extent possible, the construction plans include vertical accommodations for appropriate instructional facilities, administrative space, barracks, and housing. Fort Lee is still deconflicting facility requirements being driven by the possibility that the track vehicle maintenance (63H MOS) will be moved to Fort Benning instead of Fort Lee. Fort Pickett will support the ranges and safety fans for all large field training activities. ?

2. Are there sufficient existing utility systems to support incoming activities? Will it be necessary to augment existing water, sewage, electrical, communications (including broadband access), HVAC, or trash collection support?

Answer: The existing trunk utility systems servicing Fort Lee (water, electric, sewage) are of sufficient quantity and capacity to support the incoming activities. Development of site specific utilities will be necessary to connect to existing utility systems. Water and power utilities recently have been privatized and Fort Lee personnel plan to meet with respective representatives to determine the necessity of augmenting existing utility systems based on the increased capacity associated with the incoming missions. Fort Lee does not operate a landfill on the installation and currently has a contractual agreement for the collection of trash; a contractual change in the trash collection agreement will be required to accommodate the increased refuse associated with the incoming activities.

3. Will the increase in training activity and nature create any safety issues?

Answer: The increase in training activity will pose the normal risks of any training installation. Risk management principals will mitigate/minimize risks.

4. Will the increase in training activity and nature create any environmental issues?

Answer: The increase in training activity and nature will create the following environmental issues:

- a. Air issues. Currently have a synthetic minor permit. Air issues are closely scrutinized, especially generator usage, since we are at the upper limits of our permit. However, fully expect, due to cumulative impact, to have to obtain Title V permit due to the BRAC recommendations. When TABS data was submitted, Fort Lee was in an attainment area. The December 05 action by USEPA placed Fort Lee in a non-attainment area for ozone. ✓
- b. Wetlands. Siting of facilities may impact some wetlands. Mitigation requirements (2 for 1 requirement) and wetlands banking options may be required.
- c. Hazardous waste. Increased motor pool operations will increase hazardous waste generation. Currently Fort Lee is a large quantity generator; therefore, no impact on permit requirements.
- d. Archeological resources. Proposed sitings used constraints maps to avoid impacts (Fort Lee phase 1 and 2 activities being complete). However, if a site cannot be avoided, artifact recovery would be required in accordance with Federal law.
- e. Noise. Existing ICUZ study (March 2002) indicates no significant impacts off base. Other than throughput on current weapons training, would expect no real changes in noise contours. Increases in automobile traffic would be evaluated by US Army Center for Health Promotion and Preventive Medicine.

5. What other adjustments to Fort Lee base operations functions will be necessary to accommodate the incoming activities? Is there any shortfall in the existing base support structure?

Answer: Garrison will require additional facility space for mission support of soldier support center, household goods and passenger services, training aids, central issue, laundry, transportation motorpools, hazardous materials, fueling facility, communication, roadway improvements, engineer and logistical support, and family housing. Additional facility space will be required due to increased population and subsequent required community support services such as dental/medical clinic, fire station, chapel, library, physical fitness, youth activities, and recreation. As a result of these additional facilities, and expansion of current base operations functions to meet the needs of the increased population, additional manpower will be required, the specifics of which are still being analyzed and worked.

6. 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. Please comment on mitigation issues. Will training be affected or degraded by these measures?

Answer: Fort Lee is recommending that the EOD training not relocate. The explosives used in EOD training currently taught at Redstone Arsenal require 1,500 acres with a 25 pound total net explosive weight (NET) and a 1,250 foot distance required to support range safety fans to meet safety requirements. As a result of the Global War on Terrorism, the student numbers for EOD training in all of our courses continue to increase each year. We are currently teaching six major course in which the student composition consists of Army, Air Force, Marines, and Navy. If this acreage is not available, some of these courses will have to be deleted and student enrollment will have to be decreased accordingly. In addition, the Hazardous Devices School (funded by the FBI, but is on OMEMS TDA) is structured under the EOD Department. This relationship includes mutual sharing of the most current explosives intelligence, personnel and equipment. Also, if the EOD Department is no longer at Redstone, then there will no longer be any EOD staff oversight available to the Hazardous Devices School.

N.B.

7. Approximately 30% of the Transportation School training load is made up of water-training activities. These activities are heavily dependent on facilities at 3rd Port at Ft Eustis, including access to deep water. No such facility exists at Ft Lee nor is there sufficient water for deep draft vessels. What mitigation will be necessary to resolve this issue?

Answer: Fort Lee is recommending that the watercraft and watercraft-related training not relocate. Third Port at Fort Eustis, VA, is the Army's only deep-water port that provides direct access to the James River, Chesapeake Bay, and Atlantic Ocean. Fort Lee has no equivalent open ocean access or port infrastructure required for training watercraft and watercraft-related (such as cargo handling) students to standard. Additionally, the Fort Eustis based 7th Transportation Group supplies the Transportation School its vessels for training. Similarly, due to the low student load, high infrastructure costs and the fact that MOS 88P, Railway Equipment Repairer, trains on one of the same engines as the 88L, Watercraft Engineer, rail training at Fort Eustis should also not relocate. These elements combined equate to 30 percent of the Transportation School student load.

8. Request information on how the CSS School will conduct convoy training. Will such training include live fire? What site and safety fan will be available for such training?

Answer: Convoy Live Fire (CLF) will be trained using the crawl, walk and run methodology which includes live fire. The training will be conducted at Fort Pickett. CLF is currently conducted at Fort Pickett by the Quartermaster Center and School and the 49th Quartermaster Group on two sites, well within the safety parameters of Fort Pickett. Expansion of these facilities will also fall within these parameters.

Gaining Installation Checklist v 2 0

BRAC Commission Gaining Installation Checklist

Installation Name: Fort Lee, Virginia

Volume 1 Page Reference:

Date of Base Visit: 27 June 05

Commissioners: None

Staff: Gary Dinsick and Dean Rhody, Army Support Team; Tom Pantelides, Joint Issues Team

General	Description
Current Mission	US Army Combined Arms Support Command and Fort Lee, Virginia – The Home of Logistics, has the primary mission of providing sustainment combat, training and doctrine developments, along with institutional training, to the Army and Joint communities for all combat service support functions. On-site training is provided in multifunctional, joint, and multinational logistics, along with advanced individual training in nine Quartermaster military occupational series. Fort Lee is also the home of the 49 th Quartermaster Group, the only active-duty petroleum and water group headquarters in the Army. The Group, which is a Forces Command asset, is an early deployer with significant missions in mortuary affairs, pipeline and terminal operations, laundry and bath support, and bulk petroleum support. Currently the 49 th Group is being expanded with the activation of four new units, resulting in an additional 1,137 soldiers being assigned to Fort Lee. With current challenges such as the Global War on Terrorism, combined with Army Transformation, Fort Lee's missions and contributions to the Department of Defense are invaluable.
Other Gaining Sites	US Army Ordnance Center & School, Aberdeen Proving Ground; US Army Ordnance Munitions and Electronics Maintenance School, Redstone Arsenal; US Army Transportation Center and School, Fort Eustis; US Air Force Transportation Training, Lackland Air Force Base; US Air Force Culinary Arts Training, Lackland Air Force Base and USN Great Lakes Training Center; Defense Contract Management Agency, Alexandria; Defense Commissary Agency Consolidation, Hopewell VA, Virginia Beach, and San Antonio.
 Losing Installation(s)	Aberdeen Proving Ground, MD Redstone Arsenal, AL Fort Eustis; VA Lackland Air Force Base; TX USN Great Lakes Training Center; IL

Gaining Installation Checklist v 2 0

	DCMA, Leased Space in Alexandria, VA DeCA Leased Space in Hopewell, VA, Virginia Beach, VA, and San Antonio, TX
Equipment	TBD
Deployment Status	None of the incoming activities are deployable units. Fort Lee will continue to be the home of the 49 th Quartermaster Group which is deployable.
Special Needs	None
Summary Assessment	The addition of the organizations identified in the BRAC 2005 Recommendations Report will create greater synergy and effectively transform Fort Lee into the home of the Combat Service Support Center of Excellence. Fort Lee is ready to execute the recommendations and welcomes these new customers and tenants to our vital community.

Personnel	Description			
	Current*	Incoming**	Outgoing	Net Remaining
Officers	580	296	0	876
Enlisted	2585	2334	0	4919
Civilian	3182	1661	0	4843
Family Member	5586	5655	0	11,223
Summary Assessment	*Current figures are based on FY04 data and include tenant activities and family members that live off-post. **Incoming figures include AC/RC Rebalance Stationing Actions. Incoming Family Members are estimated based on an 86% marriage factor and a 2.5 dependent factor.			

Installation Issues & Community Requirements

On Base	Description		
	Current	Shortage/Overcapacity	Comment
Admin Facility	506,035 SF	91,872 SF SHORT	

Gaining Installation Checklist v 2 0

Barracks	1,150,329 SF	613,891 SF SHORT	21 UPH Enl & 16 UPH Off
Family Housing	2,245,126 SF	963,824 SF SHORT	Still includes four Madison Park demo'd bldgs that will not be replaced with replacement housing.
Utilities	Gas: 49 miles; Elect: 220 miles; Water: 80 miles; Sewer: 86 miles	Overcapacity: Fort Lee's existing utility distribution systems are capable of handling increased population loads	Two of our current utility systems are privatized (Water: Virginia American Water and Electric: Dominion Virginia Power) with a 3 rd system (Sewer) slated for later this FY. Improvements to utility systems at each BRAC Project site will most likely be required to meet new Utility Owner Standards.
Maintenance Facilities	121,996 SF	43,539 SF SHORT	
Research Space	N/A		
Training Areas	2401 AC	SHORTAGE of Ranges:	Recently, we have obtained 333 acres of old range areas as part of no-cost transfer from State of VA and DOJ.
Storage	157,733 SF	78,895 SF SHORT	
Deployment Facilities	0	SHORTAGE: Scale & Truck Ramp, Deployment Ops Bldg, Lighting for Railroad Night Loading, permanent loading ramps, Vehicle Marshalling Area, container transfer area, asphalt paving for TMP Lot, Vehicle wash facility for 49 th GRP	Although our PSP mobilization mission will be transferred to Fort Bragg per BRAC 05 recommendations, the 49 th GRP still deploys from Fort Lee on routine basis and these projects totaling \$4.1M are still required.
Health Clinic	171,331 SF	83,113 SF OVER	This Overage does not account for the requirements that will be generated by 49 th GRP's Unit Stationing
Support Services	218,572 SF	177,882 SF SHORT	Other than below, i.e. commissary, exchange...etc.
Commissary	80,767 SF	23,806 SF OVER	This Overage does not account for the requirements that will be generated by 49 th GRP's Unit Stationing

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Exchange	251,977 SF	7,822 SF OVER	This Overage does not account for the requirements that will be generated by 49 th GRP's Unit Stationing
Child Care	25,193 SF	9,755 SF SHORT	
Physical Fitness	75,846 SF	13,602 SF SHORT	
Transportation	4 gateway entrances into installation from State Roadways Rte 36, 460, & 630	SHORTAGE: Additional State roadway & gateway improvements are needed	Access Control Point Project (\$9.0M) is needed at gateways to accept increased traffic movement into the installation and to meet AT/FP standards. An additional Gateway Entrance (Shop Road) may be required as well plus roadway improvements to RTE 36 intersection with Sisisky Blvd (Full Cloverleaf) and widening of RTE 630 & 460 roadways are being presented to local VDOT personnel.
Commuting Support	N/A		
Time Requirements			New Construction must be completed before additional missions are sent to Fort Lee.
Summary Assessment	Fort Lee has buildable acres to accommodate additional missions plus build out its 2020 strategic vision. Our plan is to build vertically and increase the number of building stories.		

Environment	Current	Description Shortage/Overcapacity	Comment
Water Systems	See comments above for Utilities		
Air Pollution	Synthetic minor permit.	Fully expect Title V permit requirement.	
Noise Pollution	Small Arms Range & Skeet Range Noise Zones; Small Arms Range Noise Zones II & III and buffer extend small distance off installation.	Increased noise, potential land use constraints and public complaints from addition of Ammunition Specialist training at Ft Pickett (demolition of HE).	Zone I compatible use, Zone II -III incompatible for noise sensitive usage. Noise mitigation measures determined in EIS (compatible use zones).
Waste Management	Solid waste contract; Current DRMO hazardous waste disposal. Large Quantity Generator.	Contract mod for increased solid waste; Hazardous waste disposal – remain large quantity generator change in types of hazardous	

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		waste and frequency of DRMO waste pick-up.	
Critical Habitat	Wetlands and conservation zones identified.	Any impacted wetlands to be addressed via mitigation, banking, etc.	
Time Requirements	EIS recommended in Initial NEPA Action Plan submitted 15 Jun 05.	Planning Level Surveys and Inventories to be completed ASAP (SAF). EIS must be completed NLT Sep 07.	
Summary Assessment	Environmental issues are minimal and manageable.		

Off Base Issues	Description		Comment
	Current	Shortage/Overcapacity	
Rental Market			The only data available to the installation for rental market and housing market figures is data from the 2000 Census. This data was incorporated in the COBRA Data which accompanied the BRAC Recommendations Report. The local communities are poised to begin housing and rental development projects once the BRAC decision becomes final. We do not anticipate that there would be a shortage of available homes for all personnel moving to the Fort Lee area.
Housing Market			See comment above.

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Schools			At the time of the initial BRAC Data Calls (Jan 04 – Jul 04), 7 local school districts reported an overcapacity. We do not have current data beyond what was provided in these data calls; however, the local communities are planning for school expansions to meet the requirements of the incoming population.
Health Care			Fort Lee has a robust TRICARE local network. Seven area hospitals participate within 20/40 mile radius. Additionally, Fort Lee provides daily shuttles to Fort Eustis, Langley AFB and Portsmouth Naval Medical Center. Fort Lee also provides a shuttle three days a week to Walter Reed Medical Center. The local communities continue to plan to meet the medical service needs of the incoming population.
Transportation			Beginning 5 July 05, the Petersburg Area Transit will begin bus services to/from Fort Lee, Petersburg, and Colonial Heights.
Spouse Employment			Fort Lee has no specific data for this element; however, the unemployment rate in the Richmond/Petersburg Metropolitan Statistical Area was 4.3% in 2003, compared to a national rate of 6.0%. The increased population will result in community growth and it is anticipated that providers of goods and services will need additional employees.
Time			The local community will implement a

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Requirements			phased approach to growth based on the timing of population moves.
Summary Assessment	<p>The final BRAC decisions will launch a phased implementation of the construction and follow-on moves to Fort Lee. The surrounding local communities have been extremely proactive in their support of Fort Lee and eagerly anticipate meeting the needs of these additional personnel that will be relocating to the area. These communities have chosen to work together in a coordinated effort to assess the impacts of the proposed growth, capitalizing on “lessons learned” from other communities that have faced similar challenges following BRAC decisions, to formulate a plan to meet all needs. This area traditionally has a very stable growth pattern and is currently experiencing a modest growth. This will enable the communities, business enterprises and private citizens alike to focus their energies on the Fort Lee growth. This is not a metroplex area and does not experience the traditional woes of long commutes, traffic jams and extensive congestion. Due to the intersecting corridors of Interstates 95, 85, 64, 295 and major state road ways, our personnel enjoy the opportunity to live in many wonderful communities including Williamsburg, Richmond, Henrico and Hanover as well as Chesterfield County, Prince George County, Dinwiddie County and within the cities of Colonial Heights, Petersburg and Hopewell.</p>		

