



FORT DIX



Fort Dix Installation Familiarization Brief

for
The Army Basing Study (TABS) Group

29 January 2004

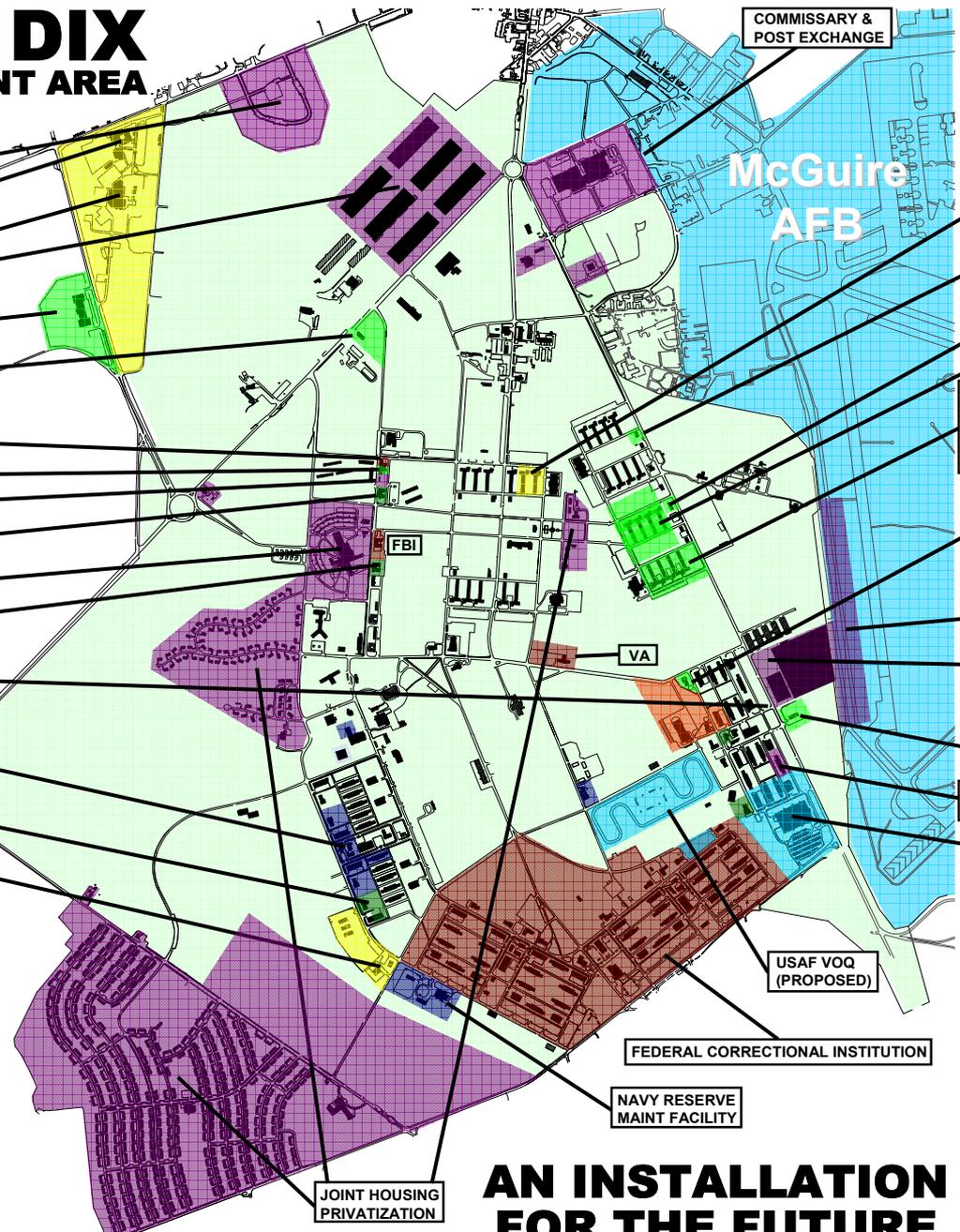


FORT DIX CANTONMENT AREA



- JOINT TRUCK GATE (USAR & USAF)
- JOINT FORCE HQ - NJ NATL GUARD
- TNG & TNG TECH BATTLE LAB (ARNG)
- STRATEGIC STORAGE SITE (PROPOSED)
- KELLEY RESERVE CTR
- 854TH ENGINEERS
- FBI
- 348TH CID
- PX HQS
- CORPS OF ENGINEERS
- JOINT INTERAGENCY CIVIL SPT TNG CTR (NOTIONAL)
- 2D BDE, FIRST REGION, ROTC
- COAST GUARD ATLANTIC STRIKE TEAM
- US NAVY NAVAL RESERVE CTR
- 760TH EOD CO
- ARNG MAINT SITE

	ARMY RESERVE
	ARNG
	ARMY
	AIR FORCE
	NAVY RESERVE
	COAST GUARD
	FEDERAL
	DOD / JOINT



COMMISSARY & POST EXCHANGE

McGuire
AFB

ARNG & NJ CHALLENGE YOUTH

77TH RRC SAFETY OFC

78TH DIV FORWARD

NCO ACADEMY 98TH DIV

78TH DIV BTL PRJ GRP HQs, 1ST BDE - 78TH DIV NE AR INTEL SPT CTR 77TH RRC RESV CTR 348TH GEN HOSPITAL

8TH BN 98TH REG (PSS)

HOTEL TAXIWAY

FORT DIX AIRFIELD & PALLET FACILITY

1/309TH TNG SPT BN, 78TH DIV (TS)

MILITARY ENTRANCE PROCESSING STATION

AIR MOBILITY WARFARE CENTER

USAF VOQ (PROPOSED)

FEDERAL CORRECTIONAL INSTITUTION

NAVY RESERVE MAINT FACILITY

JOINT HOUSING PRIVATIZATION

AN INSTALLATION FOR THE FUTURE

Training Soldiers and Growing Leaders



Agenda



Current

- ★ Mission Overview
- ★ Current Usage of Land, Office Space, Training Ranges/Areas
- ★ Environmental
- ★ Encroachment
- ★ Neighboring Installation Briefs
- ★ Tenants
- ★ Current Jointness and Partnerships
- ★ Community Partnerships
- ★ Privatization

Future

- ★ Future Missions Supporting Transformation
- ★ Fort Dix Master Plan / MILCON / Joint Projects
- ★ Joint Opportunities

Summary

- ★ Draft Selection Criteria



Fort Dix Mission Overview



Training Soldiers and Growing Leaders



Fort Dix Evolution



- Jul 1917 Camp Dix established and named for MG John Adams Dix
- Mar 1939 Camp Dix renamed Fort Dix
- Apr 1947 Fort Dix Army Airfield transferred to United States Air Force
- Jul 1973 Fort Dix transferred from CONARC to TRADOC
- Dec 1988 BRAC eliminated Initial Entry Training at Fort Dix
- Oct 1992 Transferred from TRADOC to FORSCOM
- Oct 1997 BRAC realignment – FORSCOM directed transfer to Army Reserve
- Jun 1998 Fort Dix commanded by an Army Reserve AGR Colonel
- Oct 2002 Fort Dix transferred to IMA – primarily funded by USARC (FY04)

(Current MACOM Senior Mission Commander is USARC Deputy Commanding General)

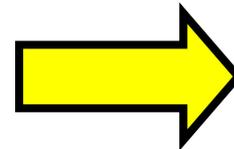
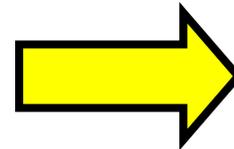
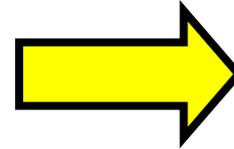


Fort Dix Mission / Vision



Mission

- Train to enhance the readiness of America's Armed Forces
- Mobilize and deploy forces capable of implementing the National Military Strategy
- Provide effective, efficient installation services



Vision

- World Class Center for Training
- Premier Power Projection Platform
- Model Installation



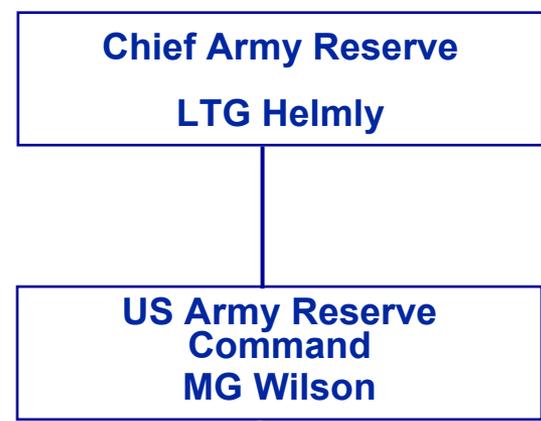
Command & Control Relationships



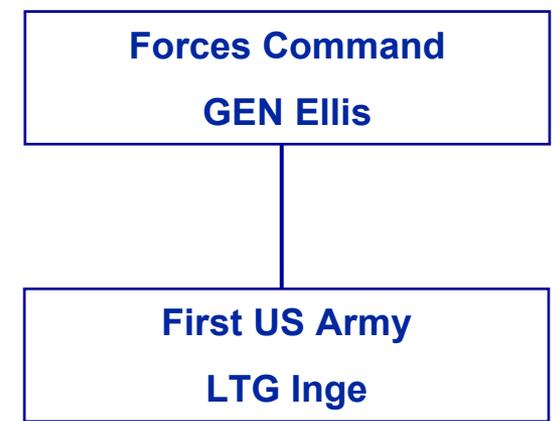
Peace / War Installation Mgt



Peace / War Training



Mobilization / War Power Projection





Fort Dix

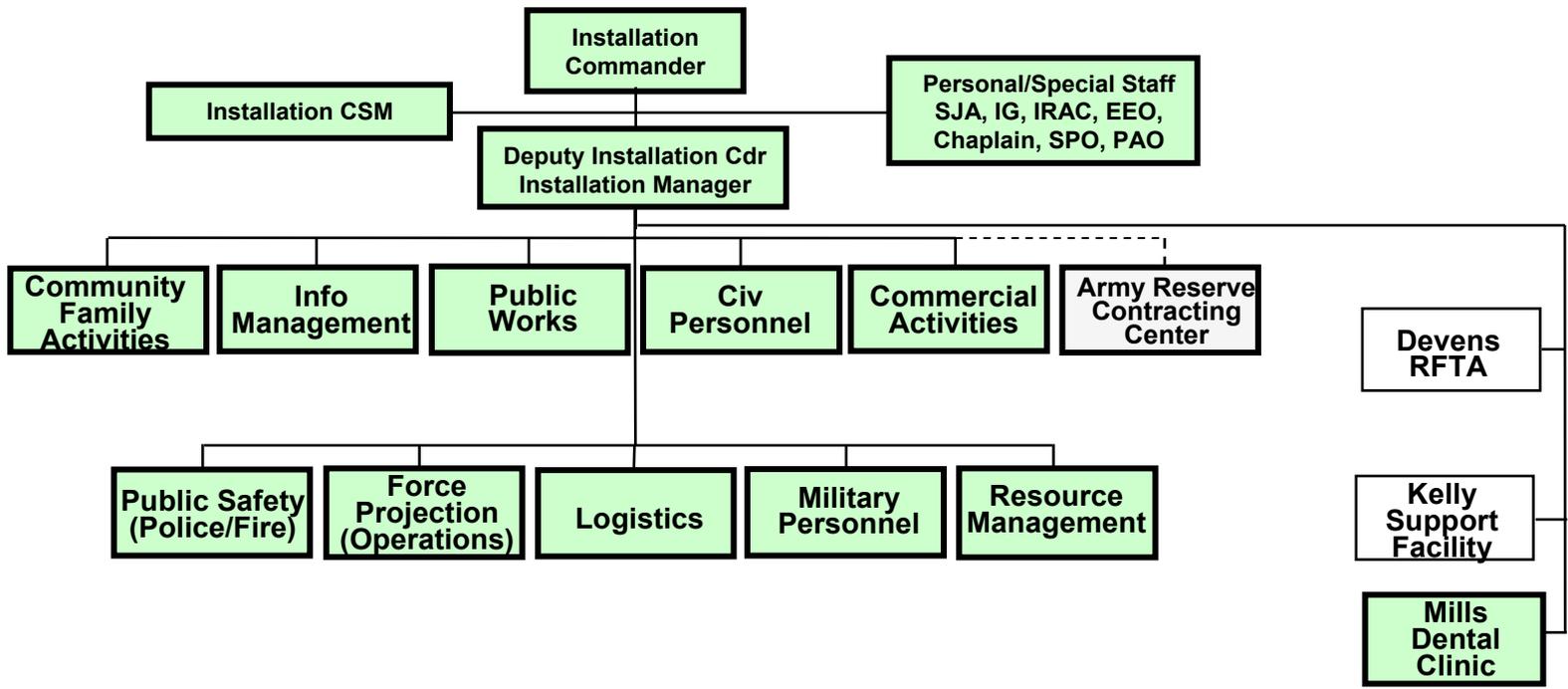
Mission Essential Task List



- Provide Command and Control for Installation missions and Garrison operations
- Provide for public safety, security and force protection
- Provide sound stewardship of resources and environment
- Execute installation plans and contingency operations to include mobilization, deployment and demobilization
- Provide services and programs to enable training and improve readiness
- Provide community and family support programs
- Maintain and improve installation infrastructure
- Provide information management services



Fort Dix Installation



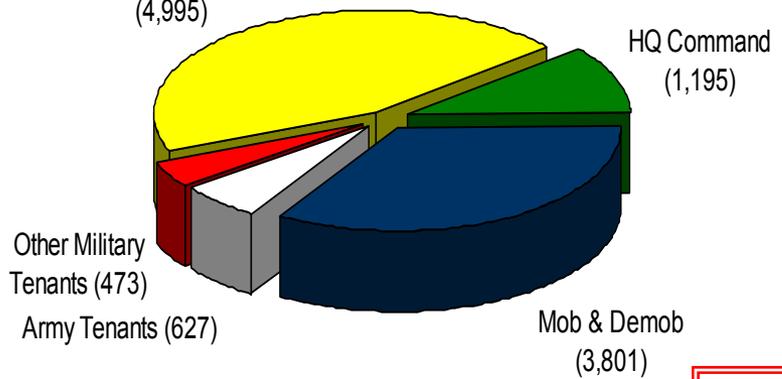
Installation Staff = 14 Military/1,125 Civilians



Fort Dix Population

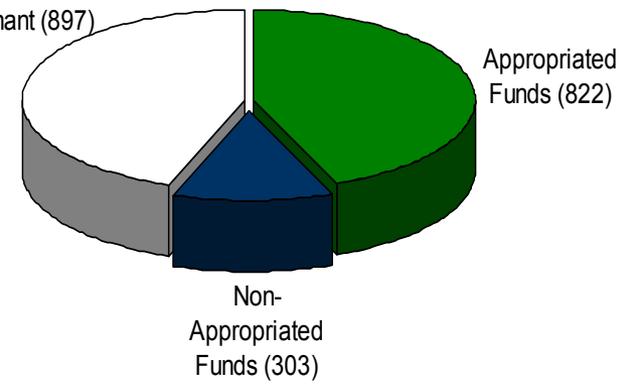


Average Daily
Reservists/Students
(4,995)



Military on Fort Dix (11,091)

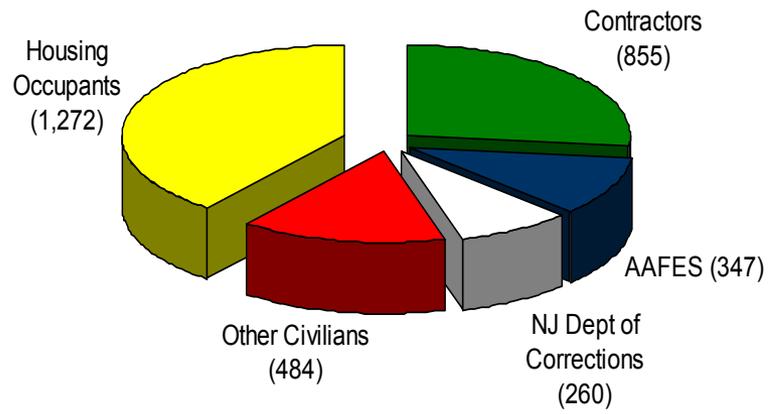
Tenant (897)



Federal Civilians (2,022)

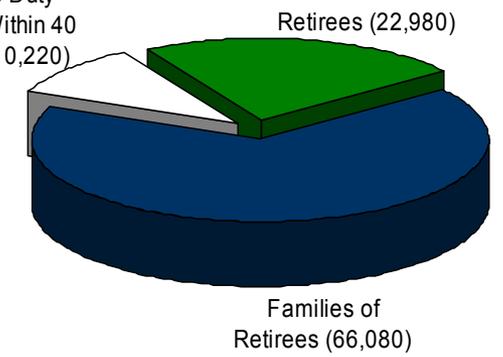
**Daily Total = 21,295
As Of: 29 Jan 04**

Housing
Occupants
(1,272)



Contractors/Other (3,218)

Active Duty
Living Within 40
Miles (10,220)



**Total Off-Post Population (99,280)
Off-Post Served Daily (5% = 4,964)**

Training Soldiers and Growing Leaders



Regional Army Reserve & National Guard Units



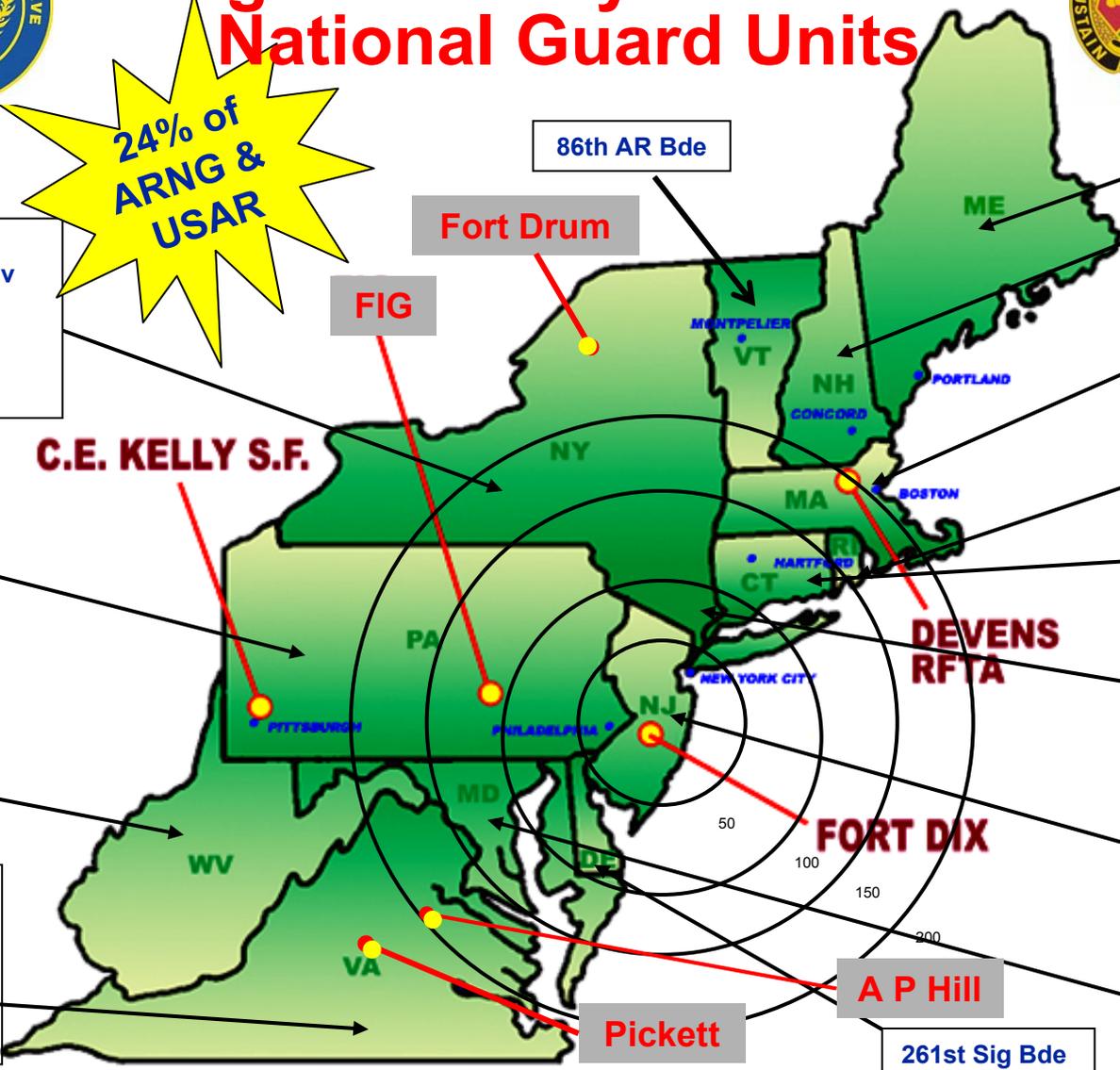
24% of ARNG & USAR

42nd ID
27th BDE 10th Mtn Div
209th FA Bde
221st EN Gp
3rd Bde 42nd ID
98th Div (IT)

55th Bde 28th ID
28th ID
28th ID Div Arty
56th Bde 28th ID
99th RRC
464th Chem Bde

111 En Gp

29th ID
80th Div (IT)
310th TAACOM
1st Bde 29th ID (L)
2nd Bde 29th ID (L)
29th ID (L) Divarty



86th AR Bde

Fort Drum

FIG

C.E. KELLY S.F.

DEVENS RFTA

FORT DIX

A P Hill

Pickett

261st Sig Bde

240th En Gp

197th FA Bde

26th Bde
42nd ID Divarty
804th Med Bde
94th RRC

43rd MP Bde
103rd FA Bde

43rd Bde

353 CA Cmd
800th MP Bde
411th EN Bde
77th RRC
8th Med Bde

50th AR Bde
78th Div (TS)

3rd Bde 29th ID (L)
2290th USA Hosp
220th MP Bde
352 CA Cmd
311th TSC

TOTAL ARNG authorized strength 85,117 / 372 units

TOTAL USAR authorized strength 46,259 / 438 units

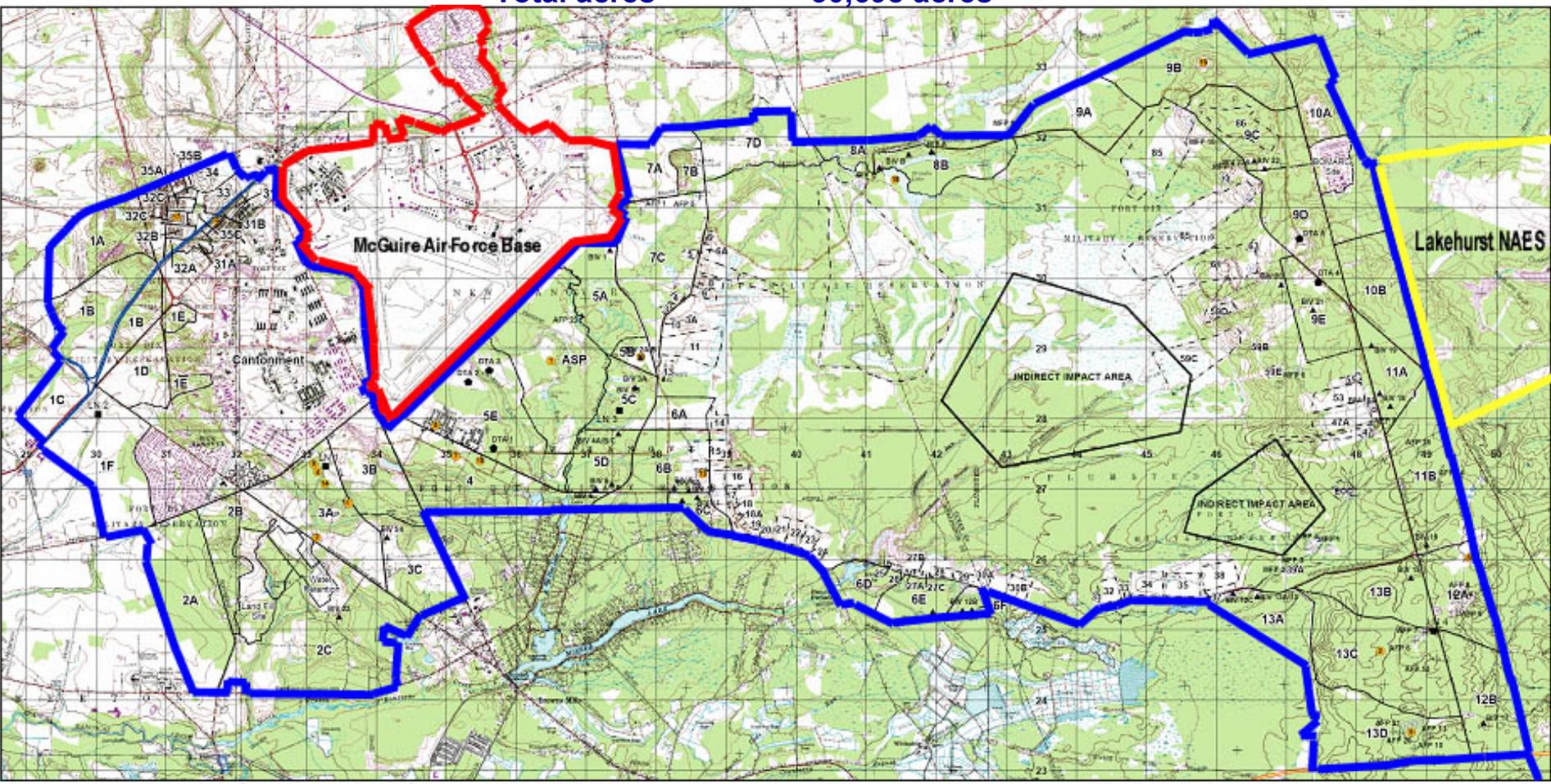
Training Soldiers and Growing Leaders



Fort Dix Land Use



Training areas	14,177 acres
Range & impact	13,765 acres
Cantonment	2,756 acres
Total acres	30,698 acres



Training Soldiers and Growing Leaders



Joint Training Facilities



- | | | | |
|--------------------------------|----|---------------------------------|----|
| • Rifle ranges * (6-RETS) | 31 | • Infiltration course | 1 |
| • Pistol ranges* (2-RETS) | 18 | • Tactical training areas | 48 |
| • Machine gun ranges*(1-RETS) | 28 | • Bivouac sites | 36 |
| • Grenade launcher ranges | 3 | • Drivers training areas | 6 |
| • Anti-armor ranges | 5 | • PT test sites | 4 |
| • Demolition range | 1 | • Land navigation courses | 4 |
| • Claymore mines range | 5 | • Internee resettlement | 2 |
| • Tow and dragon tracking | 1 | Compound | |
| • Tank gunnery ranges (3-RETS) | 3 | • Confinement training facility | 1 |
| • Aerial gunnery ranges | 3 | • Obstacle course | 1 |
| • Mortar firing points | 9 | • Confidence course | 1 |
| • Artillery firing points | 20 | • Leadership reaction course | 1 |
| • Scaled mortar range | 1 | • Rappel tower | 1 |
| • Hand grenade ranges | 3 | • CS chamber | 1 |
| | | • MOUT site | 1 |

***16 are 25m multi-purpose ranges**

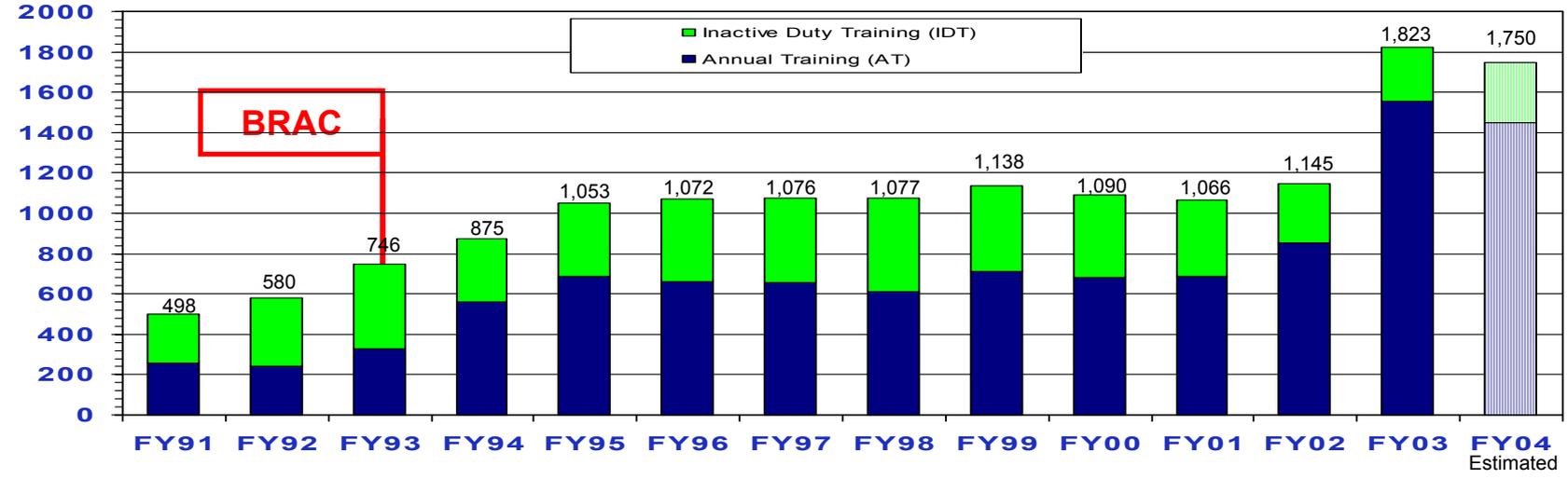


Yearly Training Loads and Workforce

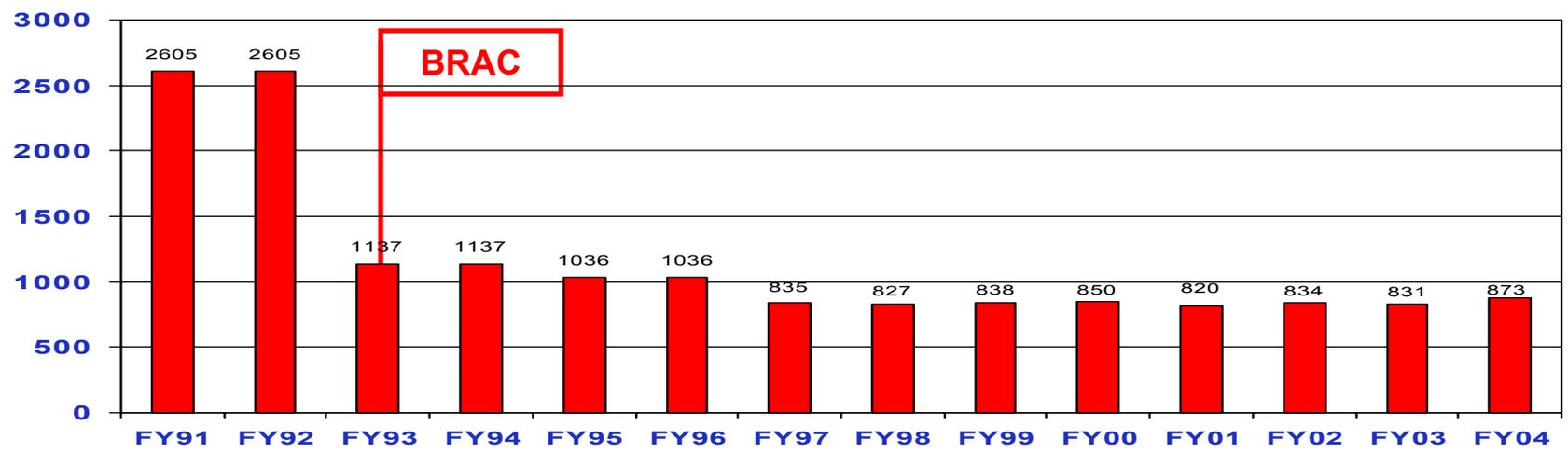


MANDAYS

Thousands



WORKFORCE



Training Soldiers and Growing Leaders



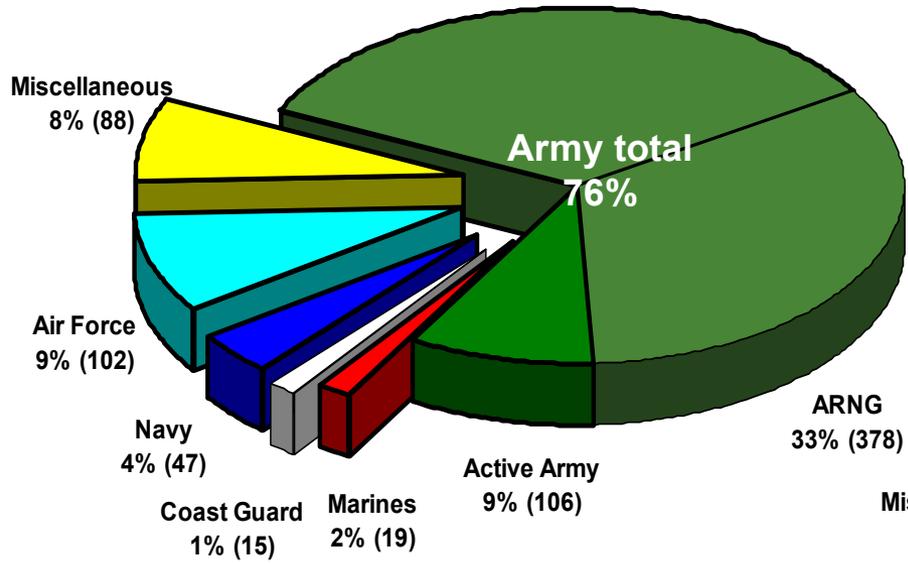
Training Mandays by Service



FY02 Total Mandays

1.1 M

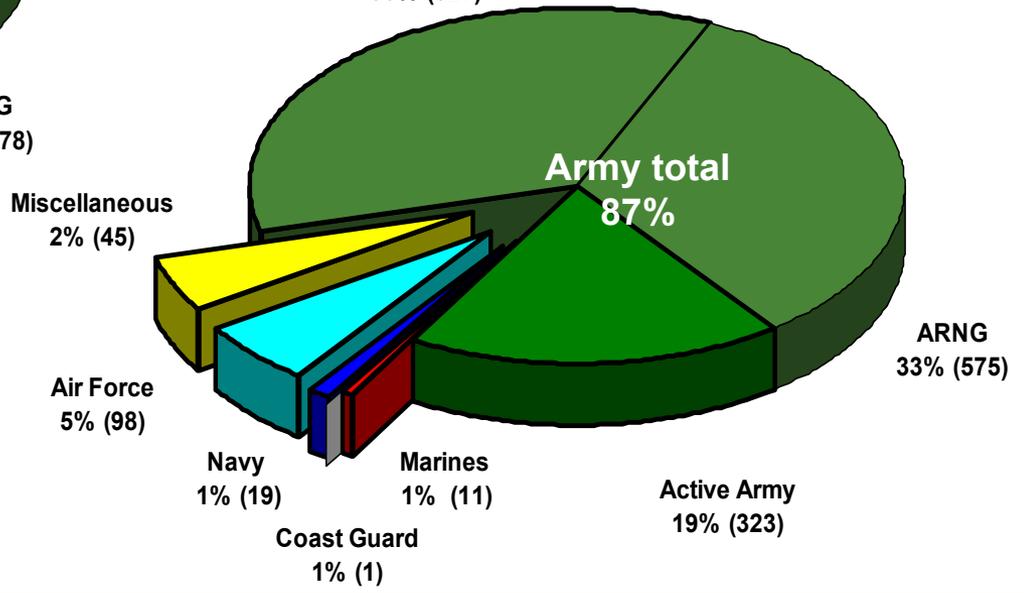
USAR
34% (391)



FY03 Total Mandays

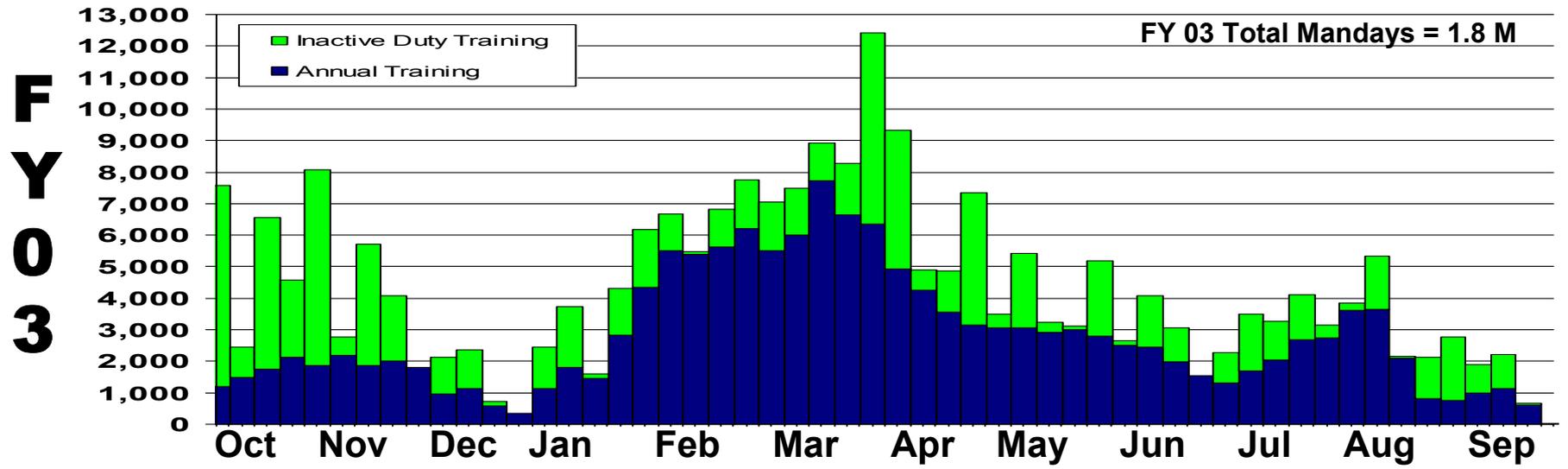
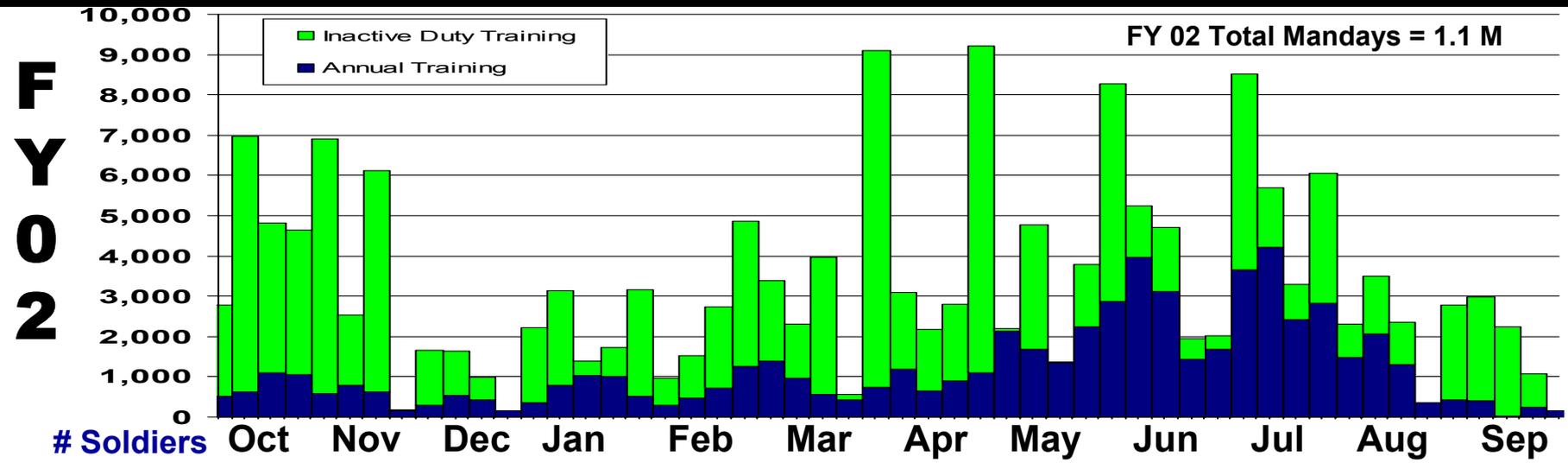
1.8 M

USAR
35% (627)





FY02 / FY03 Training



Training Soldiers and Growing Leaders

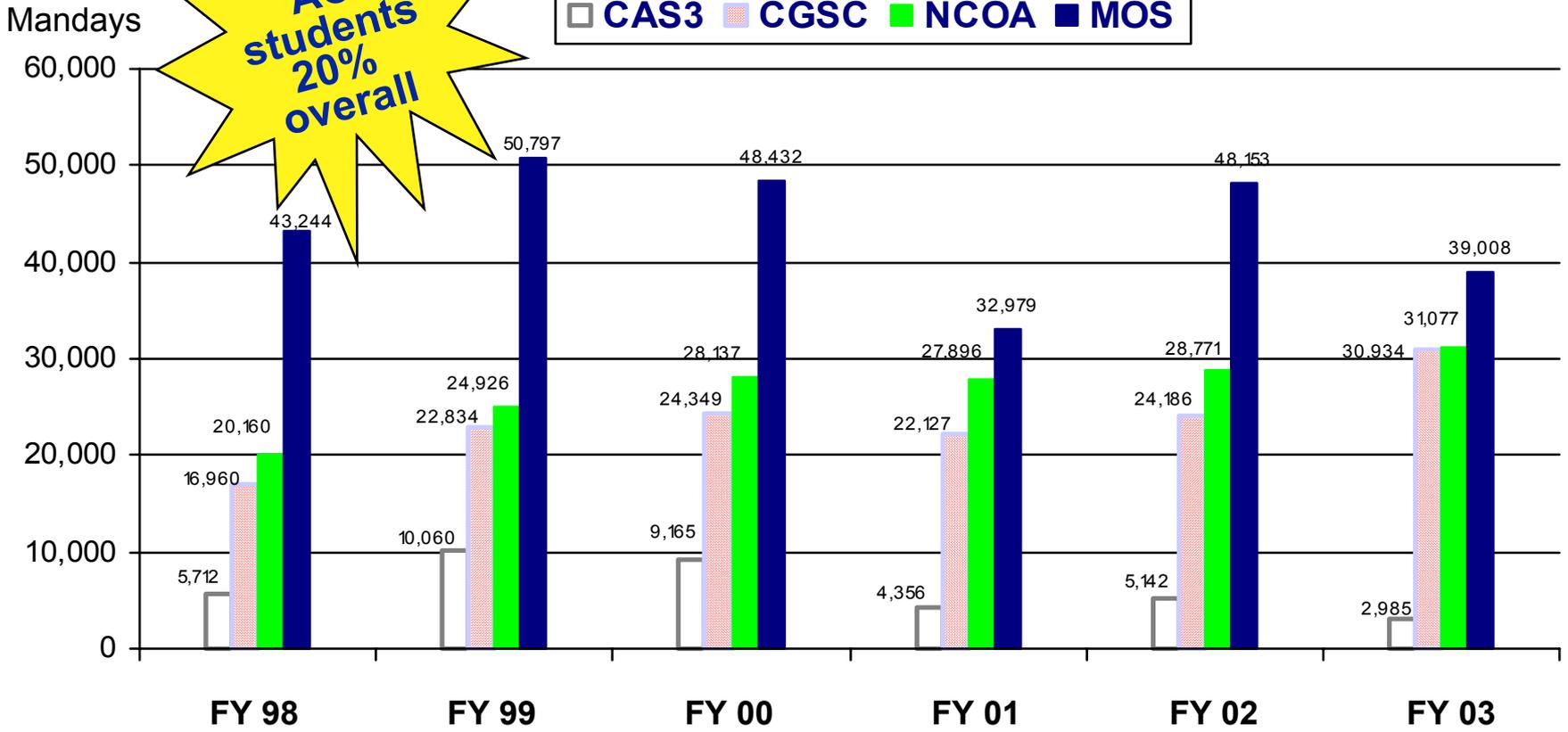


Individual Training OES, NCOES & MOS



AC students 20% overall

CAS3
 CGSC
 NCOA
 MOS



	CAS3	CGSC	NCOA	MOS																				
Students	635	1,349	1,654	2,606	608	1,276	1,675	2,835	612	1,527	1,876	2,347	462	1,814	1,760	3,042	398	1,872	1,982	2,957	369	3,037	2,048	3,157
Total Students	1,984		4,260		1,884		4,510		2,139		4,223		2,276		4,802		2,270		4,939		3,406		5,205	

Training Soldiers and Growing Leaders



Training Providers



Collective

78th Training Support Division

1/309th
2/309th
Training Support Battalion (TS Bn)

78th Battle Projection Center (BPC)

Corps Battle Simulation (CBS)
Bde/Bn Battle Simulation (BBS)
JANUS
CSS/TSS

Distance Learning Center (DLC)

Training & Training Technology Battle Lab (T³BL)

Tow/Dragon-Repair/Gunner
Fire Control Repair
Artillery Repair/Crew/Fire Support
Tank Gunner/Crew
Engineer Equipment
Generators
STE/ICE
NETT
FDC
CPX/FTX

North East Army Reserve Intelligence Support Center (NEARISC)

Individual

Institutional Training Divisions (IT)

MOS Schools
NBC
BFITC
OES

Nuclear, Biological, Chemical (NBC) School

Unit NBC Officers & NCOs

Combined Arms & Services Staff School (CAS³) & Command & General Staff College (C&GSC)

USAR Non-Commissioned Officer (NCO) Academy

Primary Leadership Development Course (PLDC)
Basic NCO Course (BNCOC)
Advanced NCO Course (ANCOC)
Battle Focus Instructor Training Course (BFITC)
Small Group Instructor Training Course (SGITC)

Regional Training Site-Maintenance (RTS-M)

Tank Turret
Fuel Systems
Small Arms
Track Vehicle
Mechanic
Fire Control Systems
Light Vehicle
Mechanic
Heavy Vehicle
Mechanic
Vehicle Recovery

Training Soldiers and Growing Leaders



"One Stop" Training Center

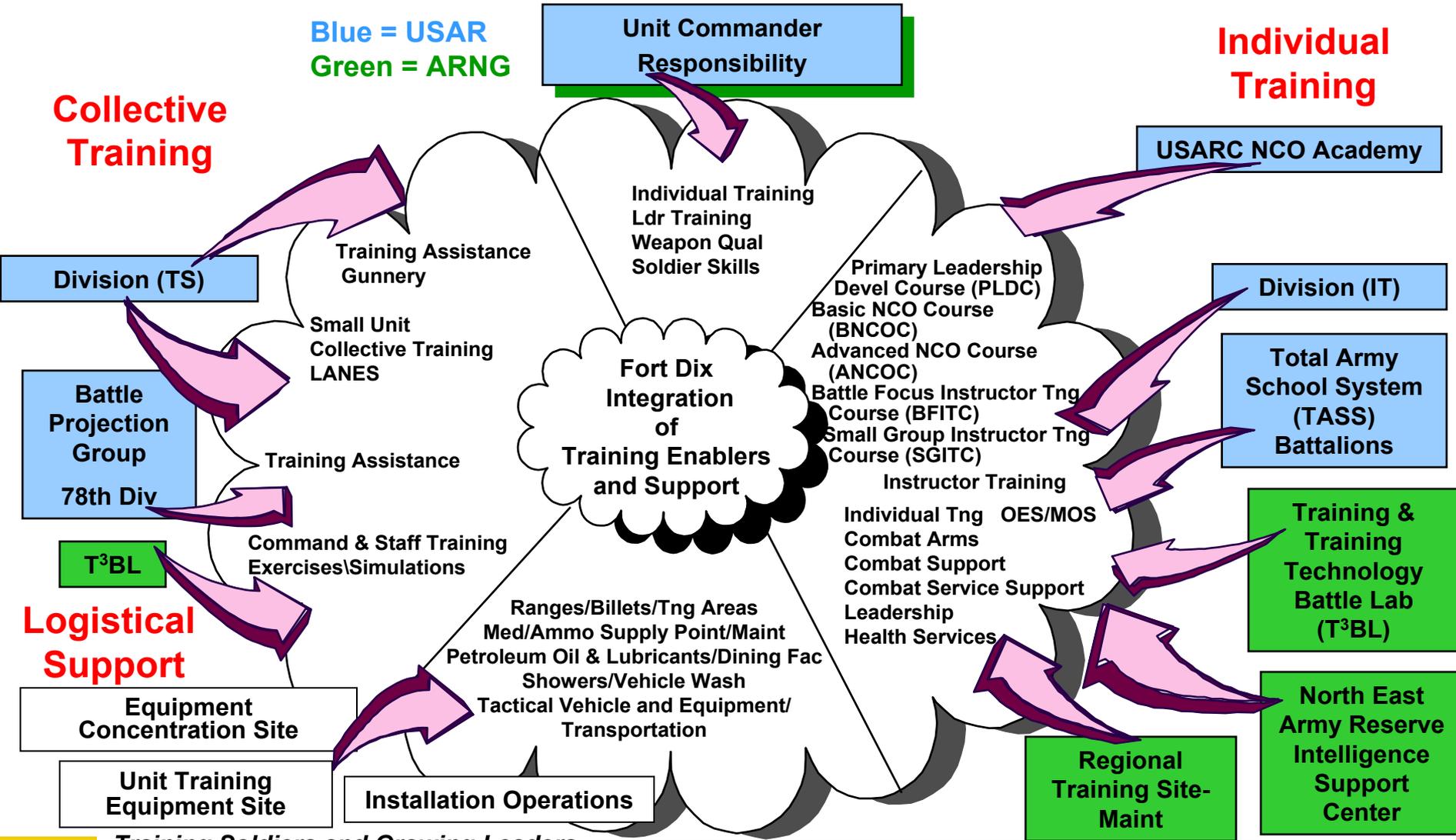


Blue = USAR
Green = ARNG

Unit Commander Responsibility

Individual Training

Collective Training



Training Soldiers and Growing Leaders



Fort Dix Historical Power Projection Missions



Operations

- Rwanda
- Restore Hope
- Dynamic Guard
- Uphold Democracy

ODS/Desert II

154 units/17,914 soldiers
57 ships/156 flights

Provide Refuge

4,018 Kosovar-Albanian Refugees

Bosnia Operations

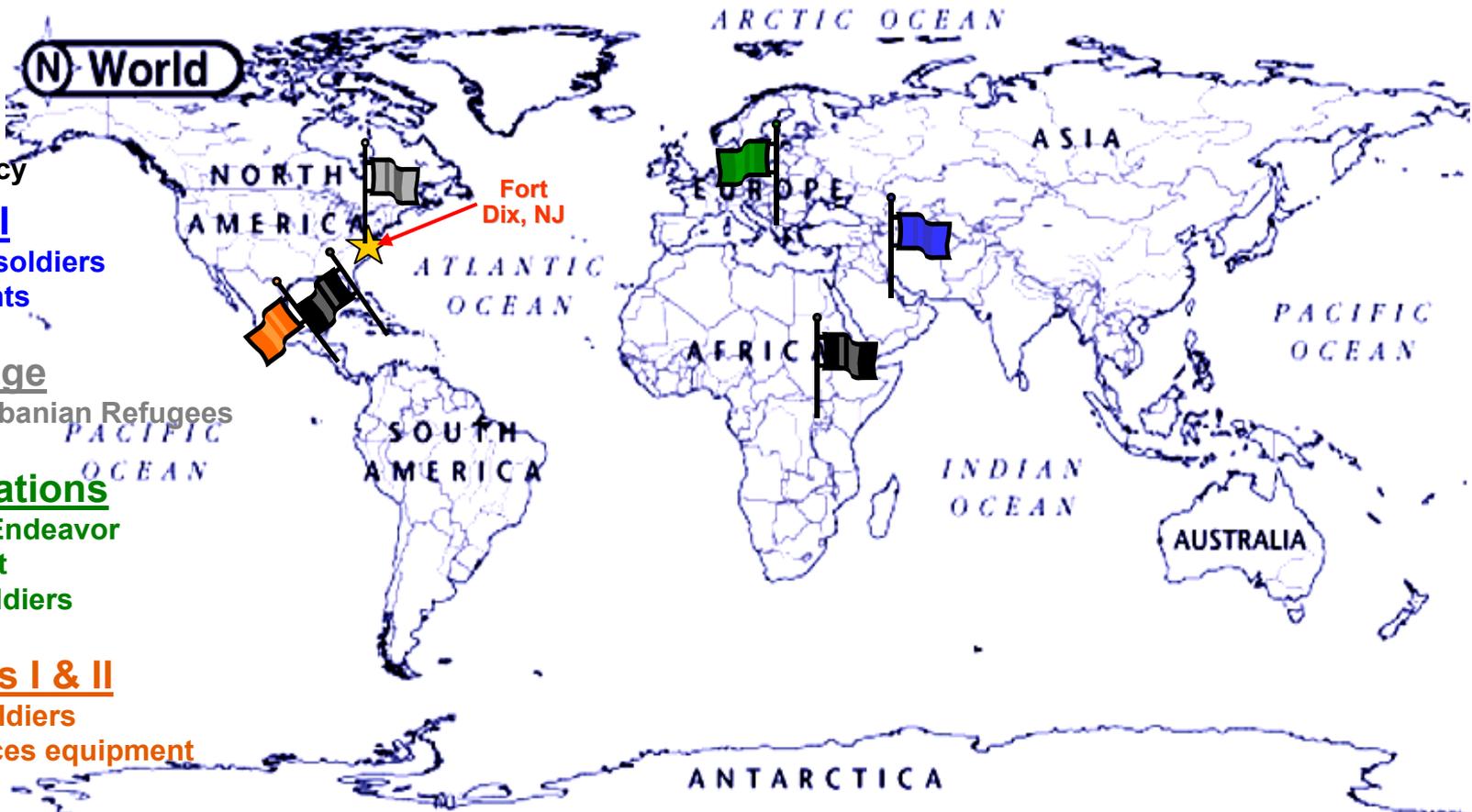
Operation Joint Endeavor
Determined Effort
60 units/2,105 soldiers

New Horizons I & II

70 Units/3,652 soldiers
4 barges/647 pieces equipment

Intermediate Staging Base (post 9/11)

1,500 FEMA personnel assembled @ Dix
Urban Search & Rescue Teams
Firefighting Teams



Training Soldiers and Growing Leaders



Units Aligned To Mobilize @ Fort Dix



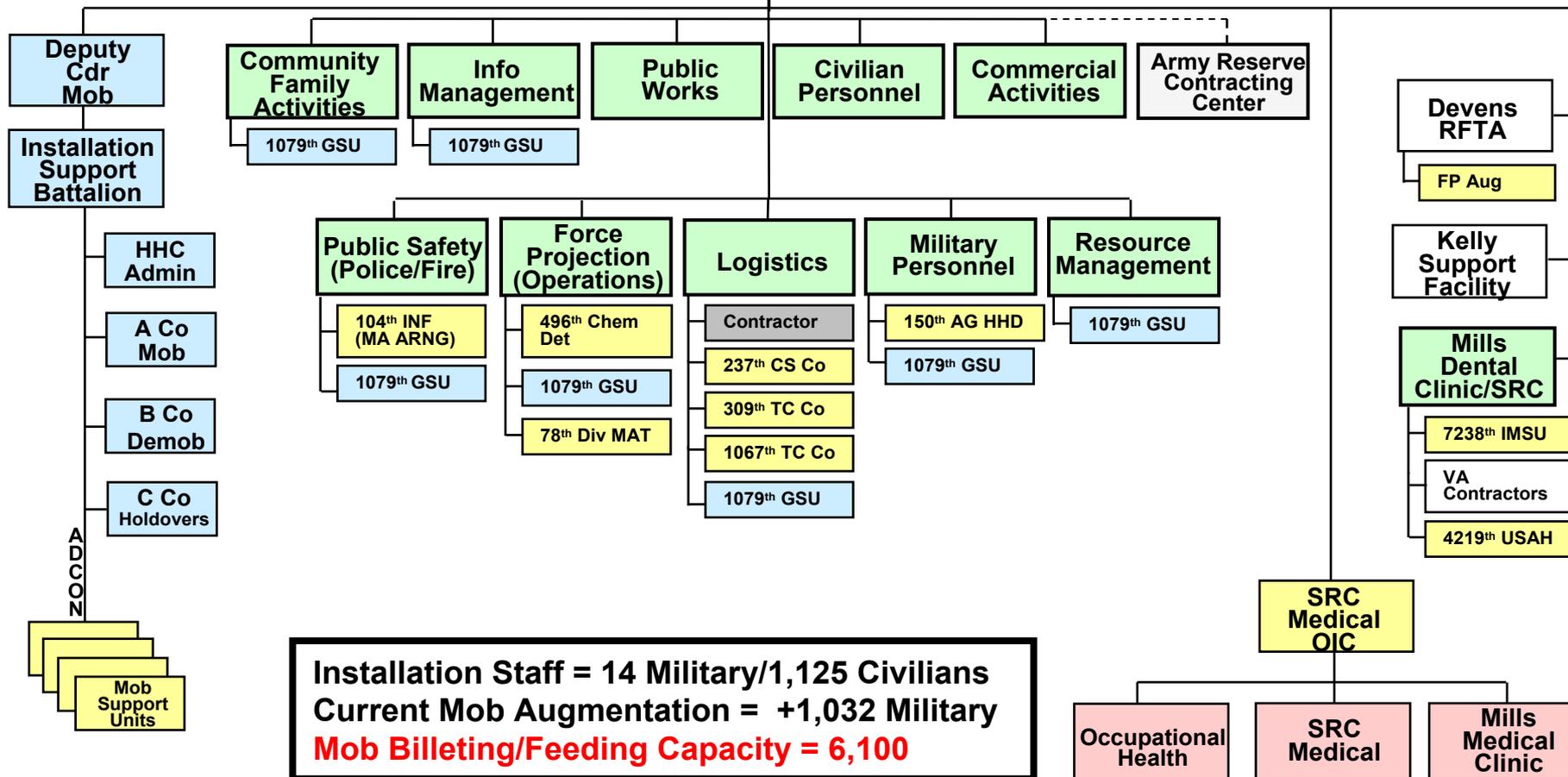
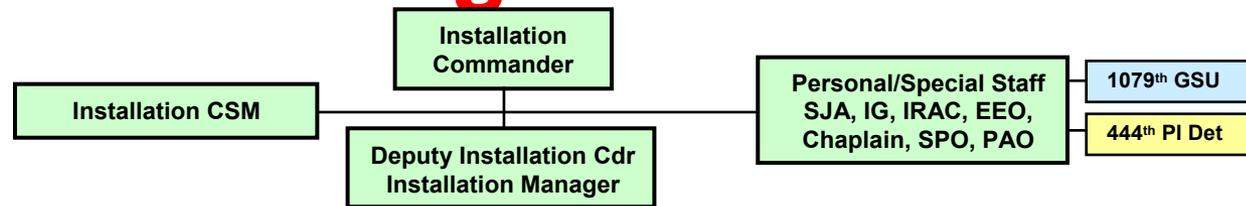
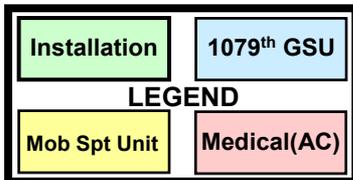
Largest Soldier Mobilization Load of all Army PPPs

<u>Type</u>	<u>AA units</u>	<u>Personnel</u>	
		<u>Assg</u>	<u>Auth</u>
AC	2	29	29
ARNG	163	33,234	37,203
USAR	228	21,849	24,107
TOTAL	393*	53,951	59,054
<u>FSP Units (First 30 days)</u>			
ARNG	24	6,050	6,300
USAR	69	9,450	9,800
TOTAL	93	15,500	16,100

***Includes 1,350 derivative units (660 ARNG / 690 USAR)**

NOTE: only HALF of the units mobilized thru Fort Dix since 9/11 were originally aligned to Fort Dix

Fort Dix Installation w/Mob Augmentation

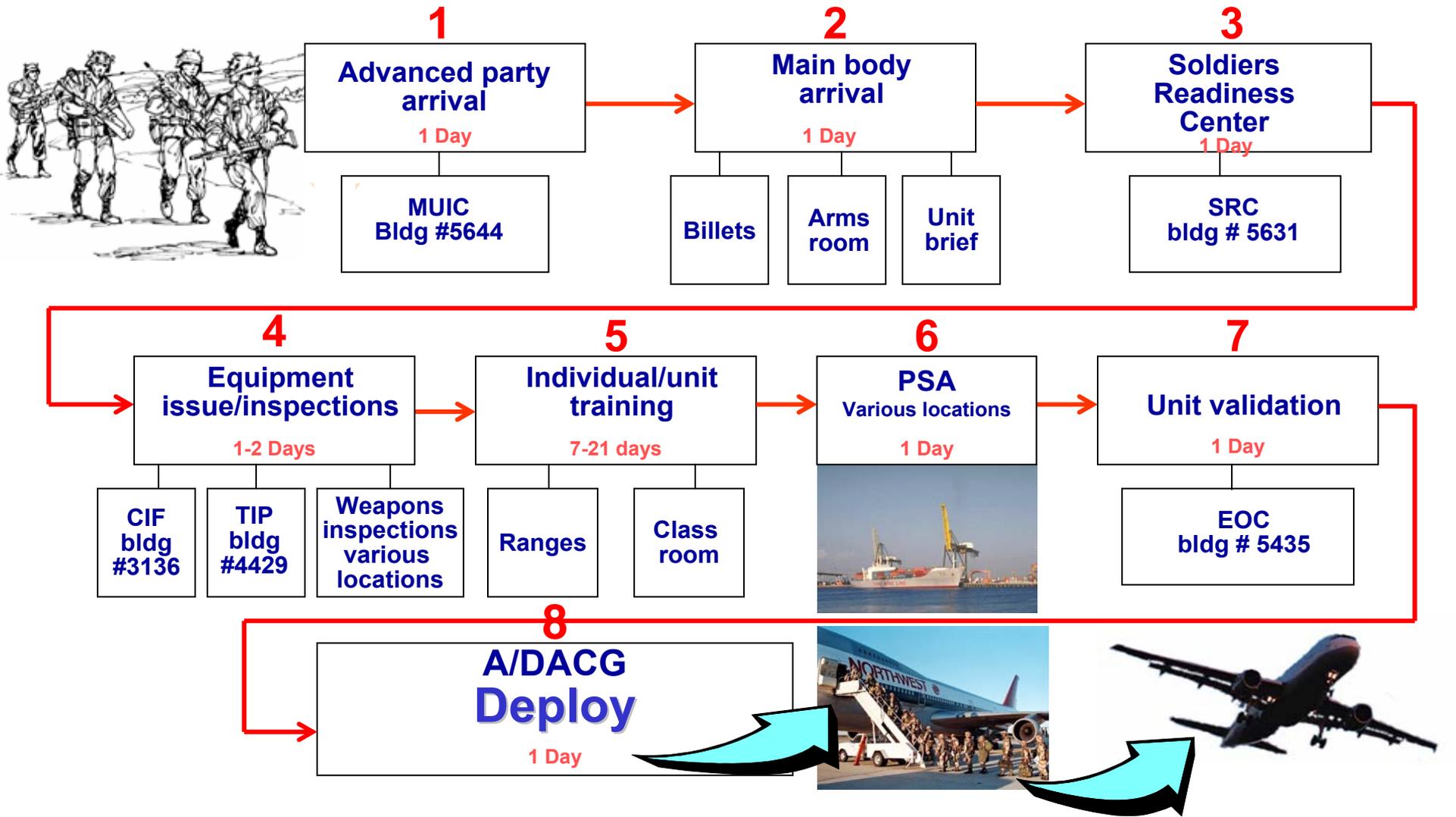


Installation Staff = 14 Military/1,125 Civilians
Current Mob Augmentation = +1,032 Military
Mob Billeting/Feeding Capacity = 6,100

Training Soldiers and Growing Leaders



Unit Mobilization Flow





Demobilization Flow

7-Day REFRAD Process



CONUS Rotations



OCONUS Redeployment



200 Soldiers Max

Day 0

Day 1



Arrival

- Airports
- Military
- Civilian
- Convoy

Reception

- Chapel
- Timmermann Center
- SRG Briefings
- DCS Training
- CIF Equipment Turn-In

Billets, Arms Room, Motor Pool, MUIC In Brief

SRG Briefings, Decompression and Sensitivity Tng (DCS), CIF Turn-In

Day 2 & 3

Day 4

Day 5

Day 6

SRC Medical

DCS Training

SRC ADMIN Processing

SRC-ADMIN Processing

Departure Meeting

Return to Home Station

Air

Ground

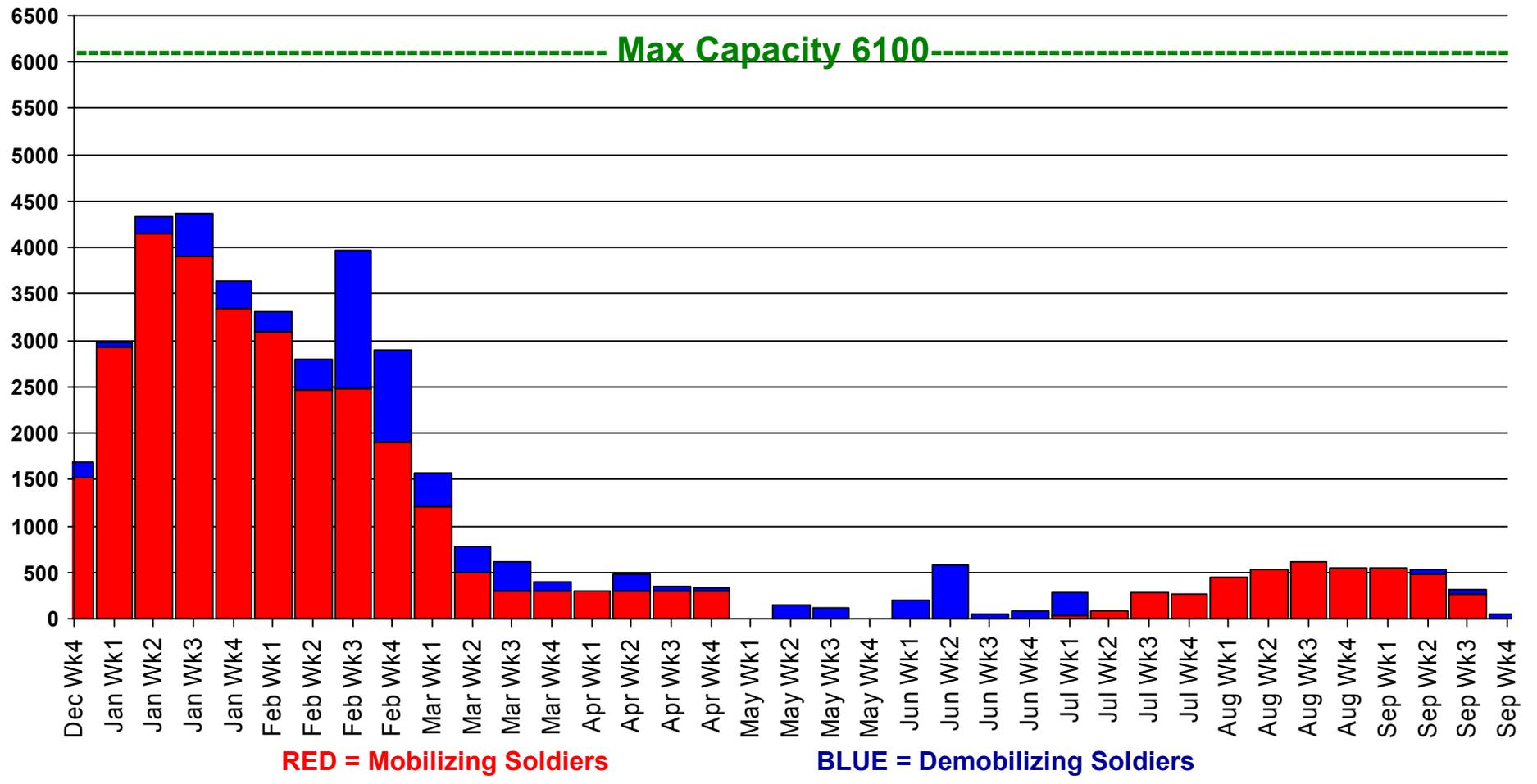
Training Soldiers and Growing Leaders



Fort Dix Projected Mob/Demob Load



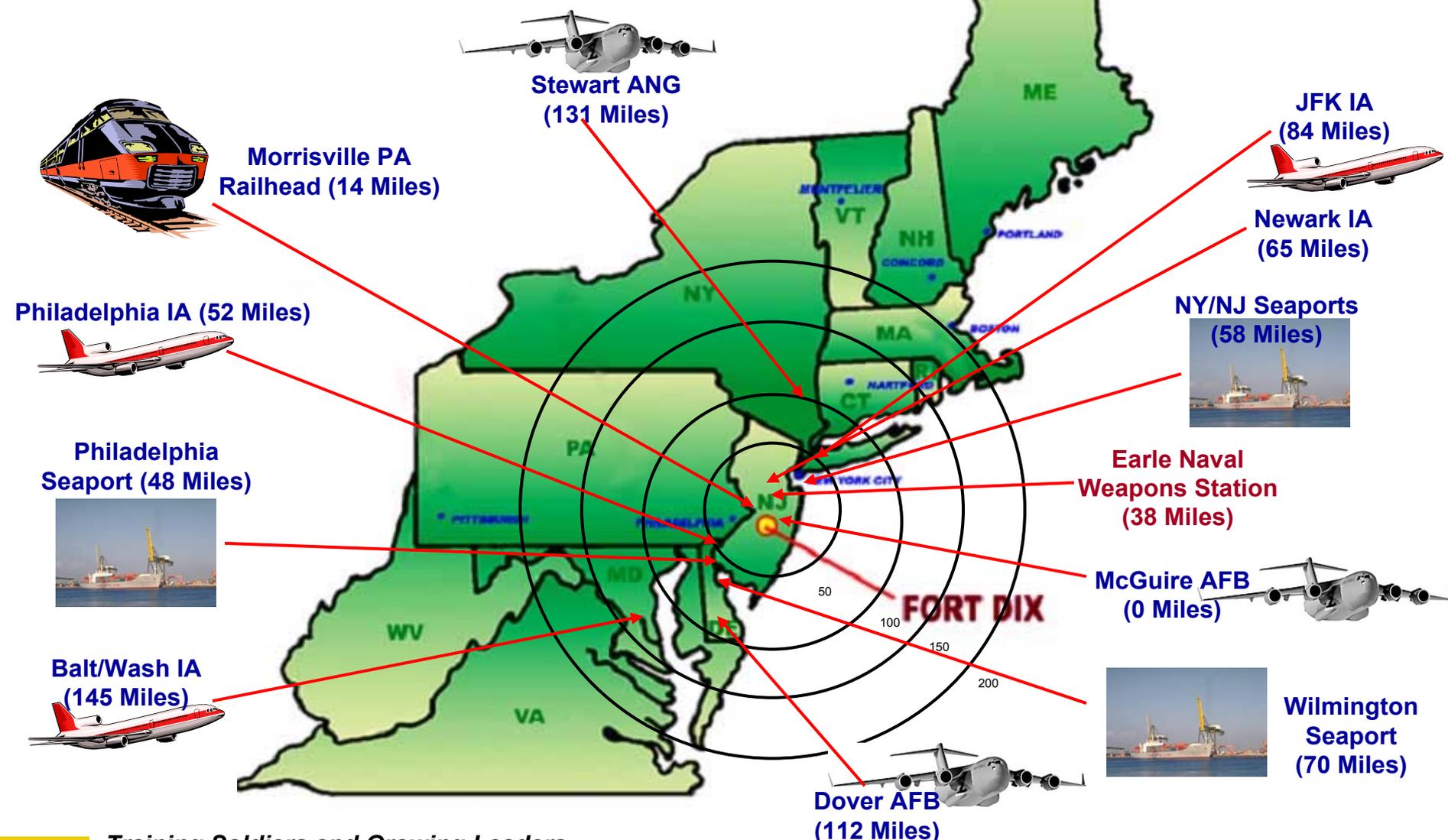
Based on First Army Orders & FORSCOM projections



Training Soldiers and Growing Leaders



Regional Transportation Network / Ports



Training Soldiers and Growing Leaders



Railhead

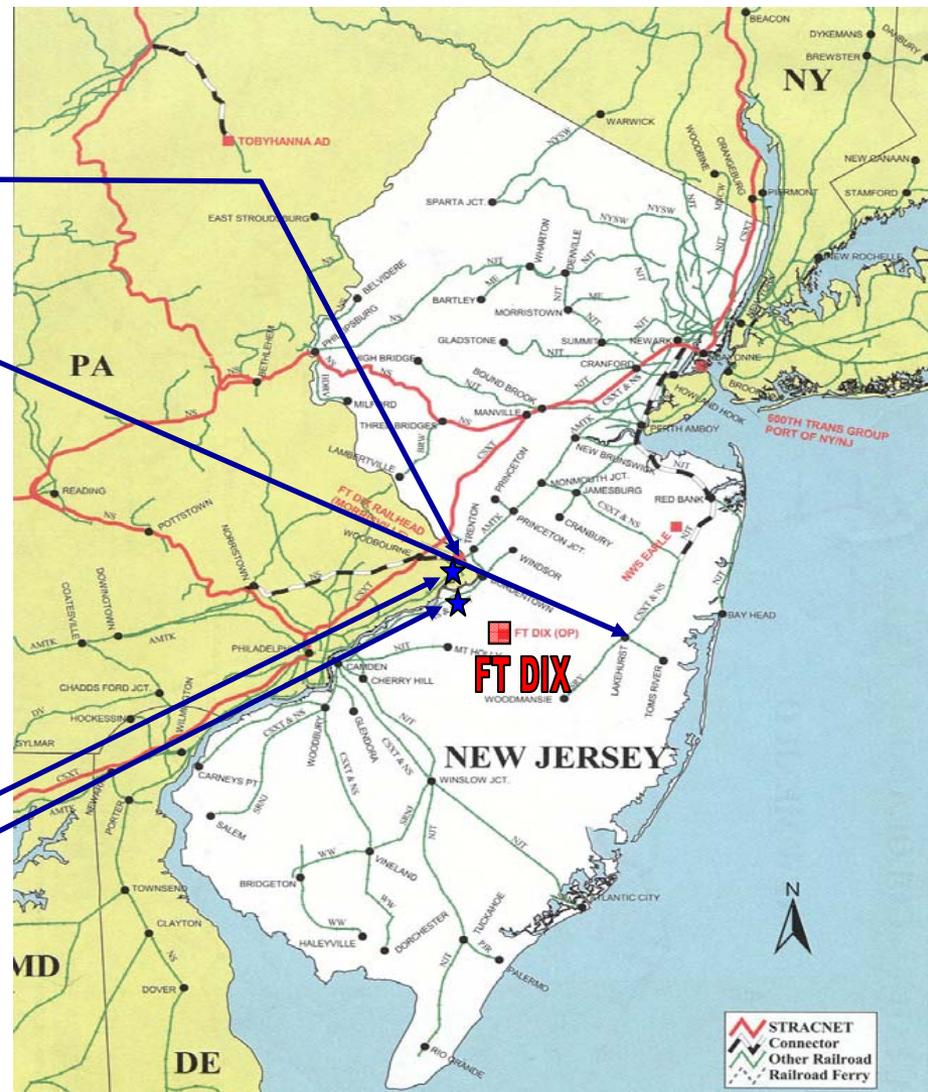


• Current railhead

- Norfolk Southern Corp, Morrisville, PA (14 miles)
- Ongoing partnership study between Lakehurst NAES, Naval Weapons Station Earle, Guard & McGuire AFB for use of New Jersey Transit line in Lakehurst, NJ (16 miles)
- Ft Dix submits rail transit requirements to Surface Deployment Distribution Command (SDDC) (formerly Military Transportation Management Command (MTMC))

• Additional railhead

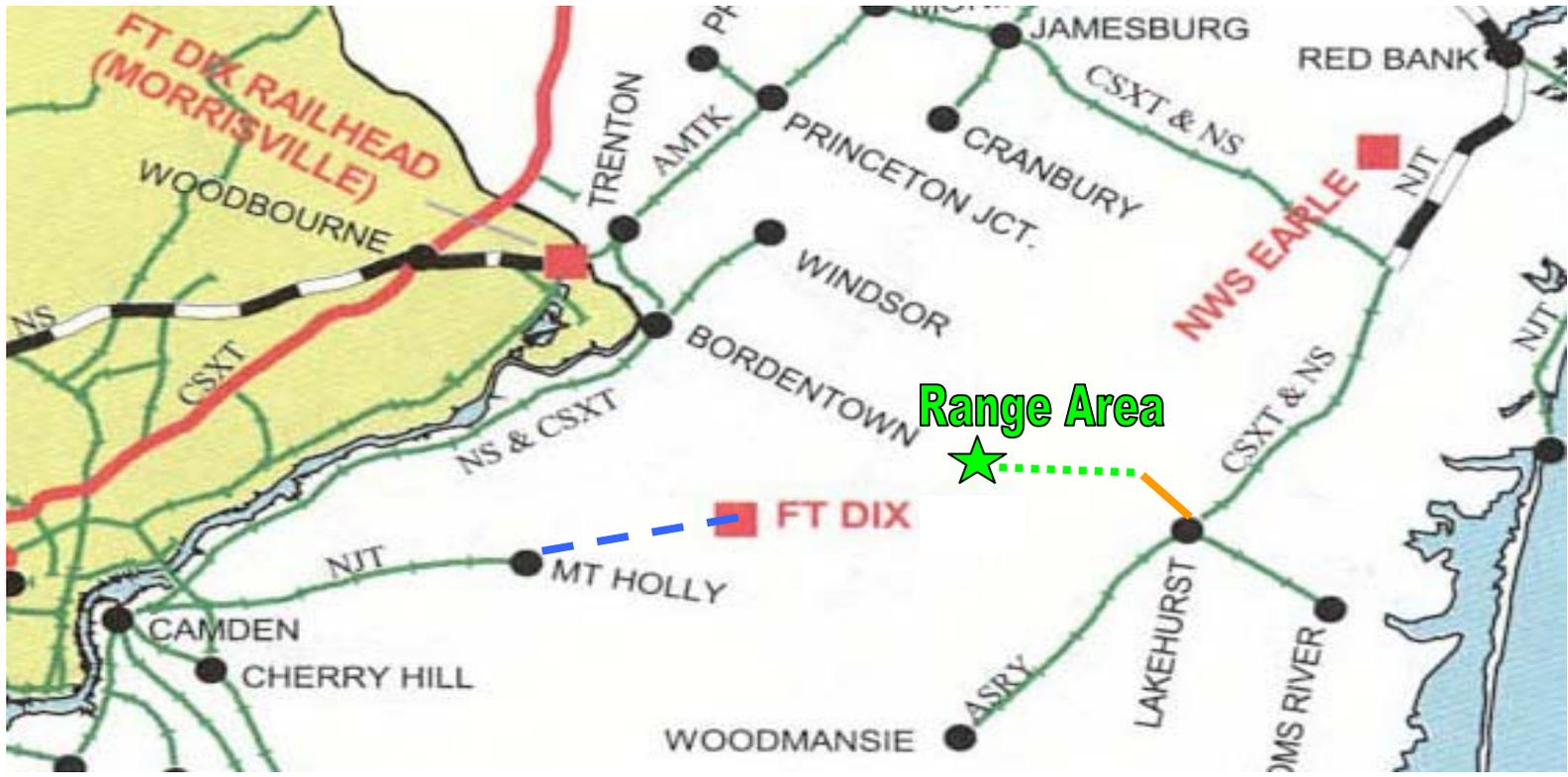
- East Burlington - New Jersey Transit, (12 miles)
- Mount Holly - New Jersey Transit (10 miles)
- NJ Transit lines freight operations handled by Conrail Shared Assets (Norfolk Southern (NS) & Chessie Systems Transportation (CSXT))



Training Soldiers and Growing Leaders



Local Railhead Past/Present/Future



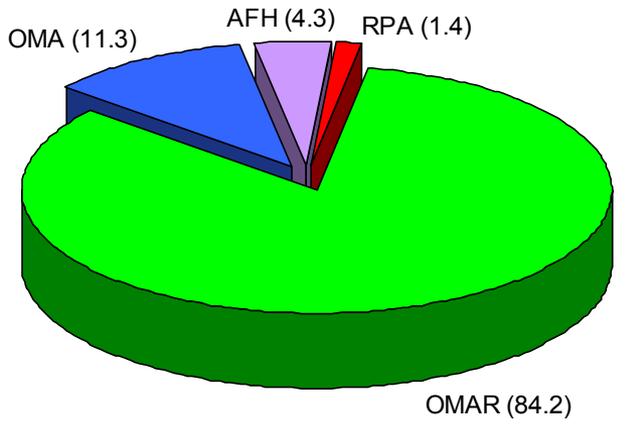
- - - Line removed by Conrail in 1984 (8 miles)
- New spur to Lakehurst NAEC 2002 (approx 1,400 feet)
- ⋯ Proposed rail extension to Fort Dix Range Area (approx 6-1/2 miles)



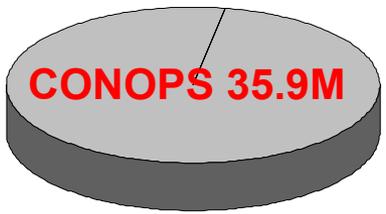
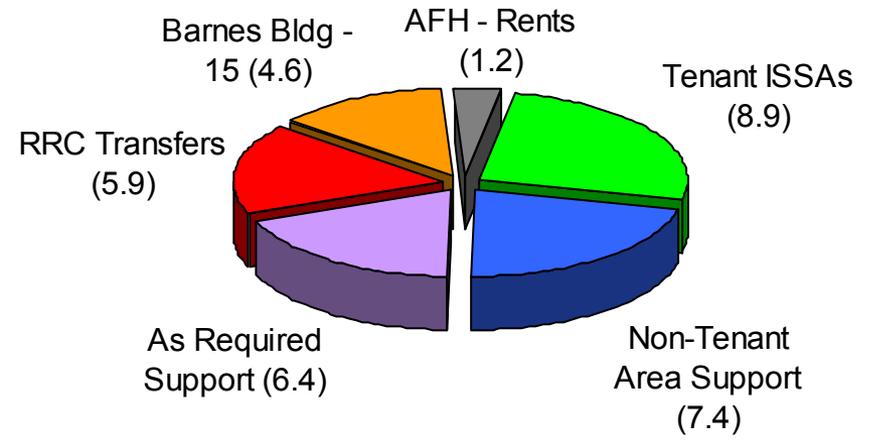
FY 03 Fort Dix Funding

Total \$171.5 M

Direct Funding 101.2M



Reimbursements 34.4M

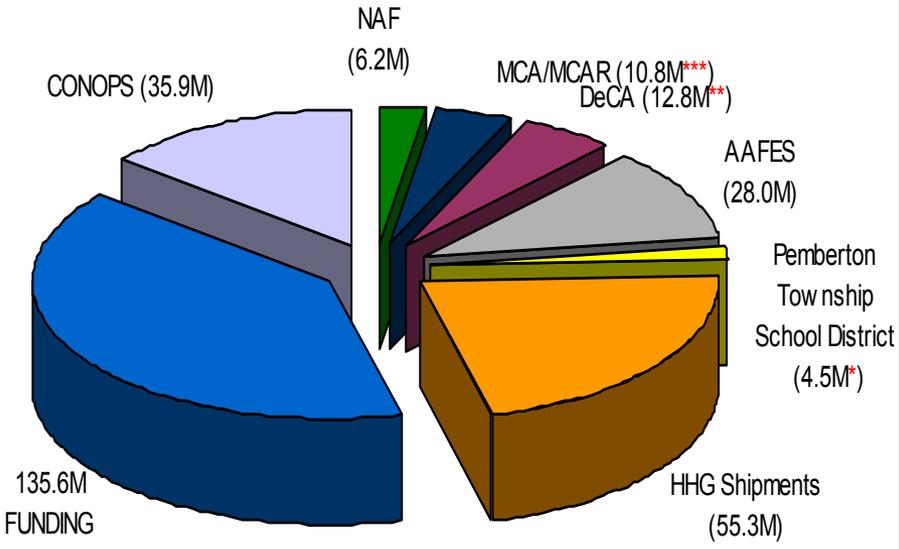




Fort Dix FY03 Economic Impact

Total \$902.4M

Installation - \$289.1M



MCAR - Military Construction Army Reserve
MCA - Military Construction Army
NAF - Non-Appropriated Funds
AAFES - Army Air Force Exchange Service
DeCA - Defense Commissary Agency
HHG - Household Goods
CONOPS - Contingency Operations

* Funding aid - no salaries
 ** Revenue only - no salaries
 *** Annual average over 5 yr pd

Tenants - \$613.3M

- **Estimated tenant salaries**
 - Civilian (2,843 personnel) - **\$168.9M**
 - Military (2,152 personnel) - **\$151.3M**

- **Estimated tenant operating expenses - \$293.1M**

Average civilian salary - \$59.4K (source: 30 September DRM, Budget charts)

Average military salary - \$70.3K (source: Military Composite Standard Pay & Reimbursement Rates/Dept of Army/FY 2003 - average military pay grade used E-7)

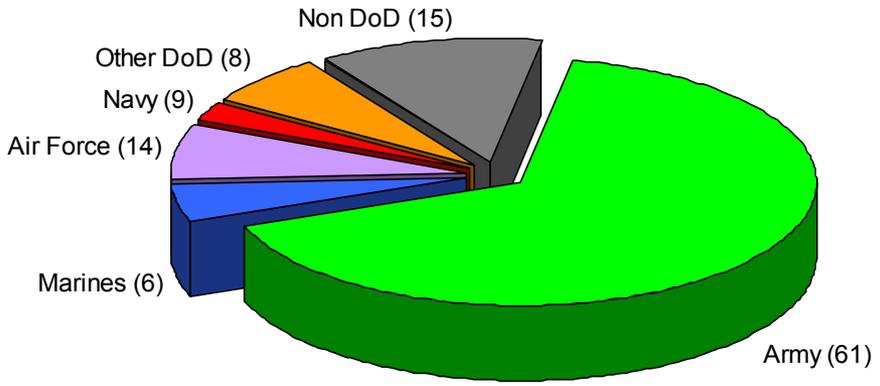
Training Soldiers and Growing Leaders



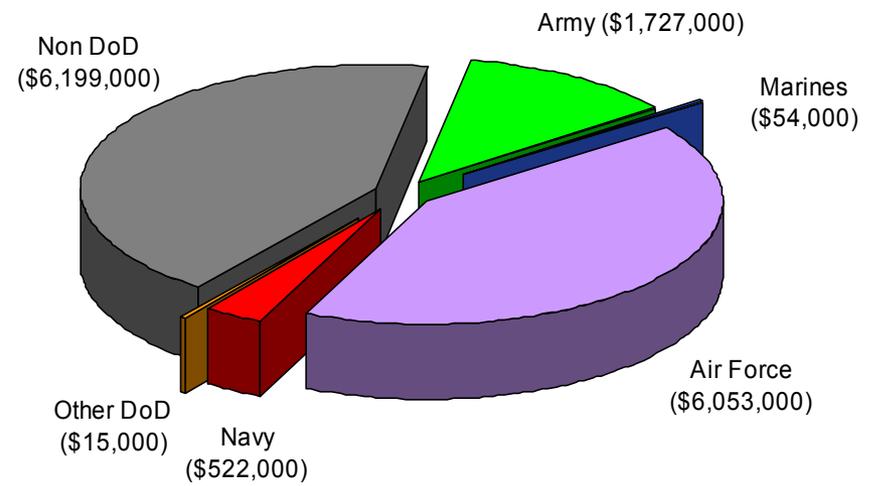
Inter-Service Support Agreements



Number of ISSAs = 113
(ISSA is a formal agreement defining recurring services provided and the cost basis for the services)



Dollar Amount \$14.6M

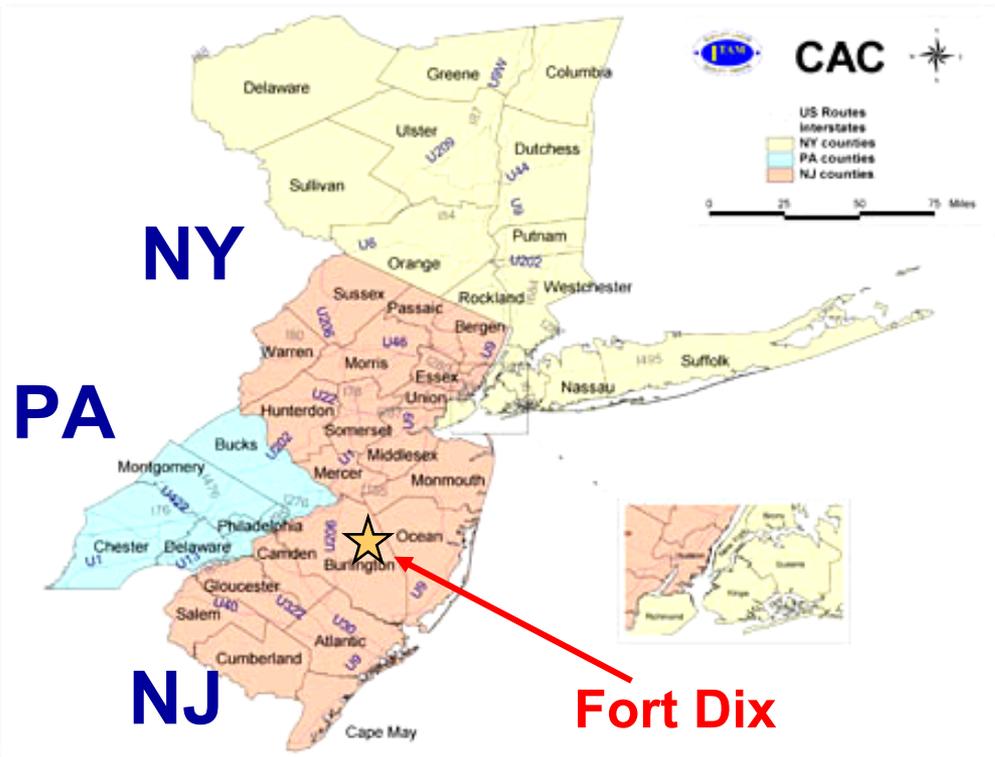




Casualty Area Command



- Overall support breakout (FY 03)
 - 100% Army
 - 14% AC
 - 29% USAR
 - 57% ARNG



COMPO	ACTIVE DUTY	TOTAL SOLDIERS	Total FY 01	FY 01 %	Total FY02	FY 02 %	Total FY03	FY 03 %	Oct 03	Nov 03	Total 1st Qtr FY 04 To Date	FY 04 %
AC	1840	1840	1,085	12.57%	1,243	13.07%	1,463	14.31%	139	39	178	10.44%
NG	854	14,914	5,990	69.39%	5,721	60.15%	5,837	57.08%	495	377	872	51.14%
USAR	373	8,911	1,557	18.04%	2,547	26.78%	2,926	28.61%	286	369	655	38.42%
TOTAL	3,067	25,665	8,632		9,511		10,226		920	785	1,705	

Training Soldiers and Growing Leaders



CURRENT



Current Usage of Land, Office Space, Training Ranges and Training Areas



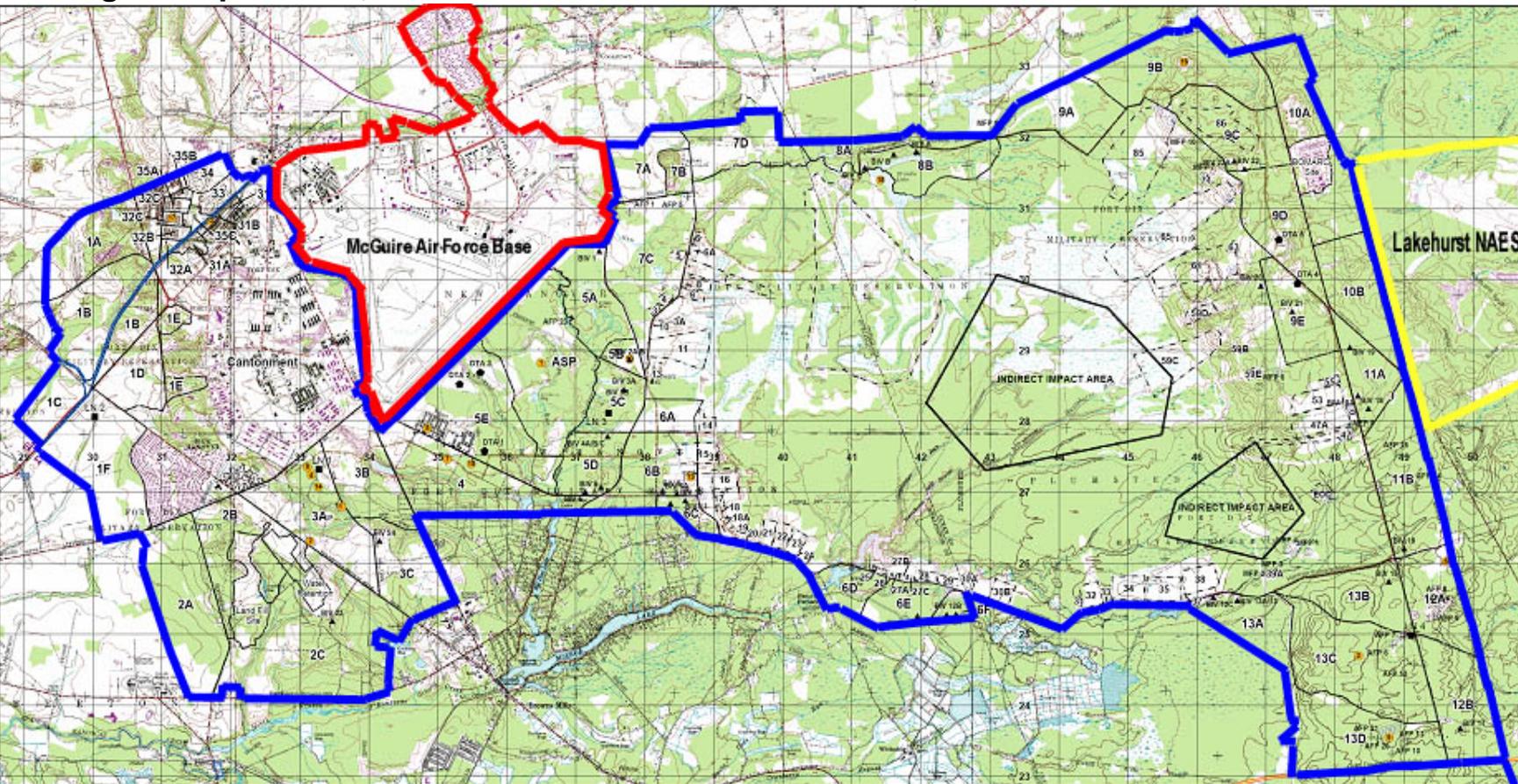
Fort Dix Land Use



On-post training - 14,177 acres
Range & impact - 13,765 acres

Cantonment - 2,756 acres
Total acres - 30,698 acres

Colliers Mills
Wildlife
Management
Area



Manchester
Wildlife
Management
Area

Wildlife Management Areas = Use Permits
58,000 off-post useable acres

Brendan T. Byrne State Forest

Training Soldiers and Growing Leaders



Training Ranges/Areas Usage FY 03



	<u>Days Available</u>	<u>Days Scheduled</u>	<u>Usage %</u>
Training Areas	51,100	37,921	74%
Ranges	27,740	12,013	43%



Administrative Space



- **276,412.3 GSF Admin / Office Space per Integrated Facility System (IFS) / Real Property Planning & Analysis System (RPLANS)**
 - **27,830 GSF RPLANS shows as Excess includes:**
 - 1,870 GSF** Approved for demolition in FY03
 - 5,799 GSF** Cat Code Change to 44220 – General Storage
 - 20,161 GSF** Bldg 5418 – Unusable space due to Quality-of-Life standards (Basement admin space)
 - **0 GSF (Requirements equal Assets)**



CURRENT



Environmental



Endangered Species



	Federal	State	Pinelands
Protected	--	--	Pine Barrens Reed Grass, Pine Barrens Smoke Grass, Barratt's Sedge, Large-headed Beaked Rush, Long's Bulrush, Slender Nut Rush, New Jersey Rush, Sickle-leaved Golden Aster, Pine Barrens Rattlesnake Root, Wand-like Goldenrod, Pineland Tick Trefoil, Pine Barren Gentian, Canby's Lobelia, Humped Bladderwort
Threatened	Bald Eagle,	Northern Pine Snake, Grasshopper Sparrow, Barred Owl	--
Endangered	--	Bald Eagle, Pine Barrens Tree Frog, Long's Bulrush, New Jersey Rush	--

Bottom Line: No negative impact on Training at Fort Dix



Recent Environmental Accomplishments



- **94% reduction in reportable air emissions since 1997 (2532 tons per year in 1997 reduced to 140 tons per year in 2003)**
- **70% reduction of pesticide use since 1993**
- **Construction and operation of state-of-the-art hazardous waste storage facility**
- **Achieved 38% solid waste diversion rate by implementing comprehensive recycling program**
- **Extensive Geographical Information System (GIS) mapping of natural and cultural resources, including wetlands and remediation sites**
- **On track to implement Environmental Management System (EMS) in accordance with DA milestones**



Recent Environmental Accomplishments



- **Honorable Mention, 2002 Secretary of the Army Environmental Award for Pollution Prevention and Natural Resource Conservation**
- **First Runner Up, 2001 Secretary of the Army Environmental Award for Environmental Quality**
- **Honorable Mention, 2001 Secretary of the Army Environmental Award for Environmental Restoration**
- **2003 Secretary of the Army Energy & Water Management Award for significant efforts made in conservation and energy reduction**
- **Achieved 48% reduction in facility energy usage per square foot since 1985**
- **2003 - Realized annual fuel cost savings of \$3.7 million**

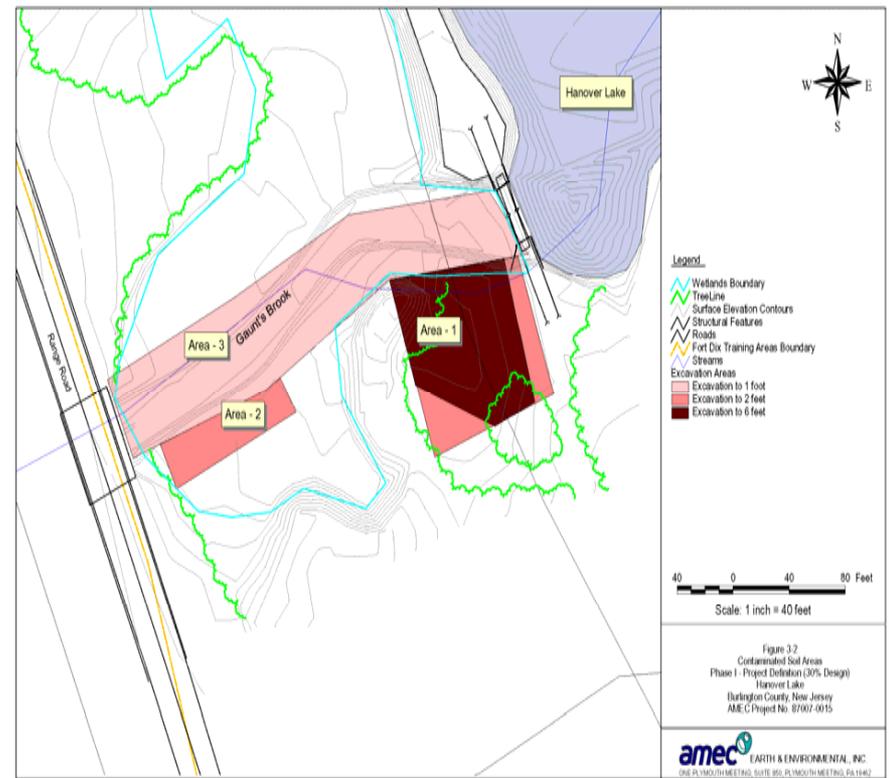


Hanover Lake



\$1.9M

- Hanover Lake Dam/Gaunts Brook Remediation Project
 - Lead contamination from improper fill material downstream of the dam discovered by routine NJDEP watershed sampling in 1999
 - Project includes remediation of downstream bank and streambed area, and repair of dam structure to current dam safety standards
 - Periodic monitoring conducted to assure safety of neighboring community
 - Completion of project will protect community recreational resources (Mirror Lake) located downstream of Hanover Lake





Estimated Environmental Clean-Up Costs



BRAC Cost-to-Complete (CTC)	\$ 3,000,000
Defense Environmental Restoration Account (DERA) Sites CTC	10,841,000
Former Underground Storage Tanks (UST) Sites	3,000,000
Currently Active Sites	8,700,000
Small Arms Firing Ranges	29,220,000
Impact and Training Areas	\$1,197,150,000

Total Cost - \$1,251,914,000



Environmental Partnerships



"Range Safe" - Ranges 24 and 26

- Picatinny Arsenal used Fort Dix as a test bed for this environmental pilot project
 - No cost to Fort Dix (\$1.7M cost avoidance – Range 24)
 - 21 tons of lead removed and recycled (Range 24)
 - Lead reduced below 400mg/kg – residential standard (both)
- Interest / Support
 - NJDEP and State Representatives
 - Project was highlighted at NJ Environmental Exposition
 - New partnerships - regulatory, academic, industry



- "Range Safe" process
 - Physical separation
 - Screening and soil washing
 - 3600 tons soil processed in 18 days
- Background
 - Proposal resulted from a longstanding partnership with Picatinny Arsenal
 - Revised/redesigned Apr 02
 - Partnership with COTS Technology – NJ based
 - Gold mining technology used to remove lead



CURRENT



Encroachment



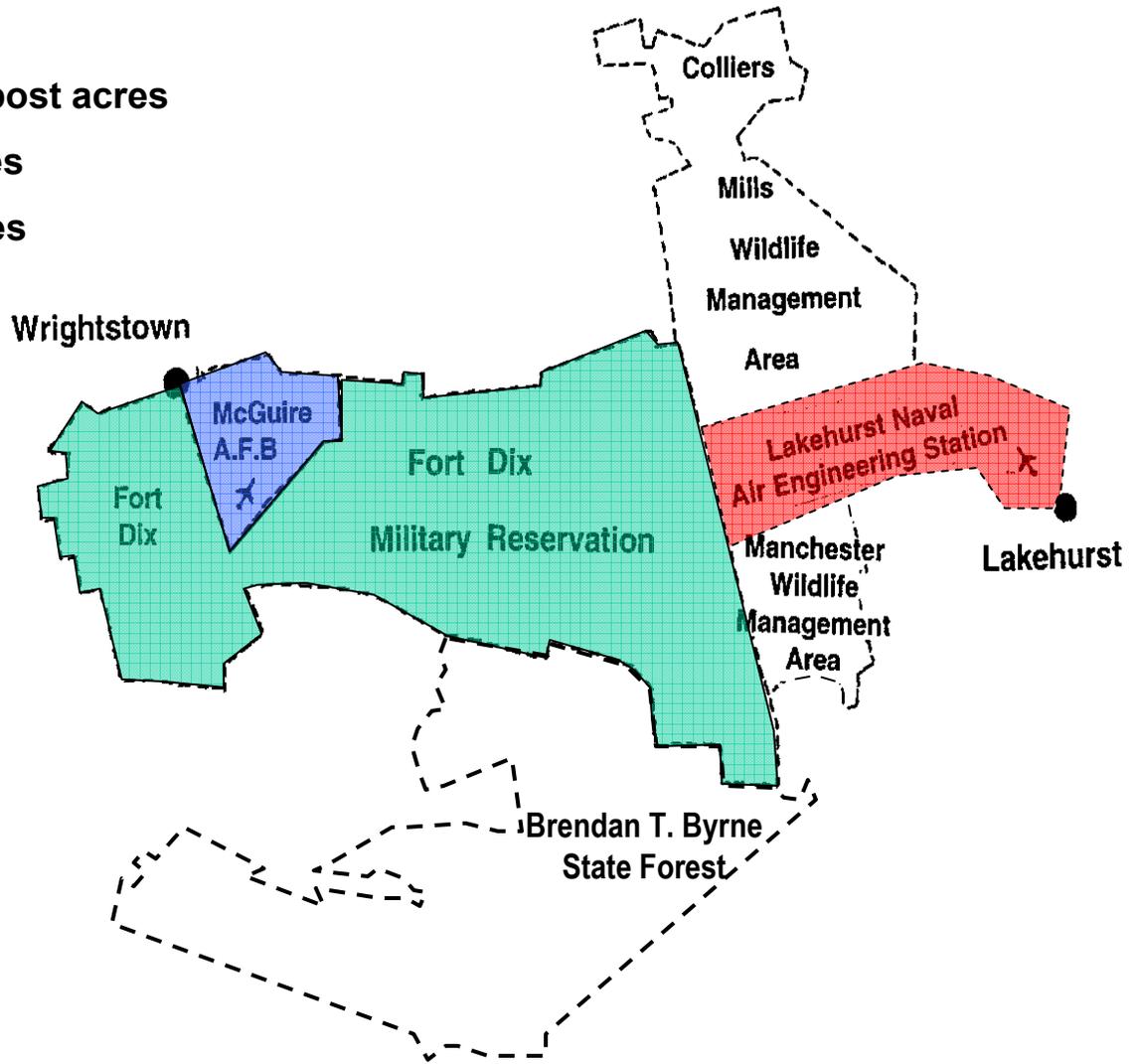
Encroachment Buffers

Buffers

Wildlife Management Areas	58,000 off-post acres
McGuire AFB	3,600 acres
Lakehurst NAEC	7,430 acres

Fort Dix

On-post training	14,177 acres
Range & Impact	13,765 acres
Cantonment	<u>2,756 acres</u>
Total	30,698 acres





Encroachment Prevention Initiatives

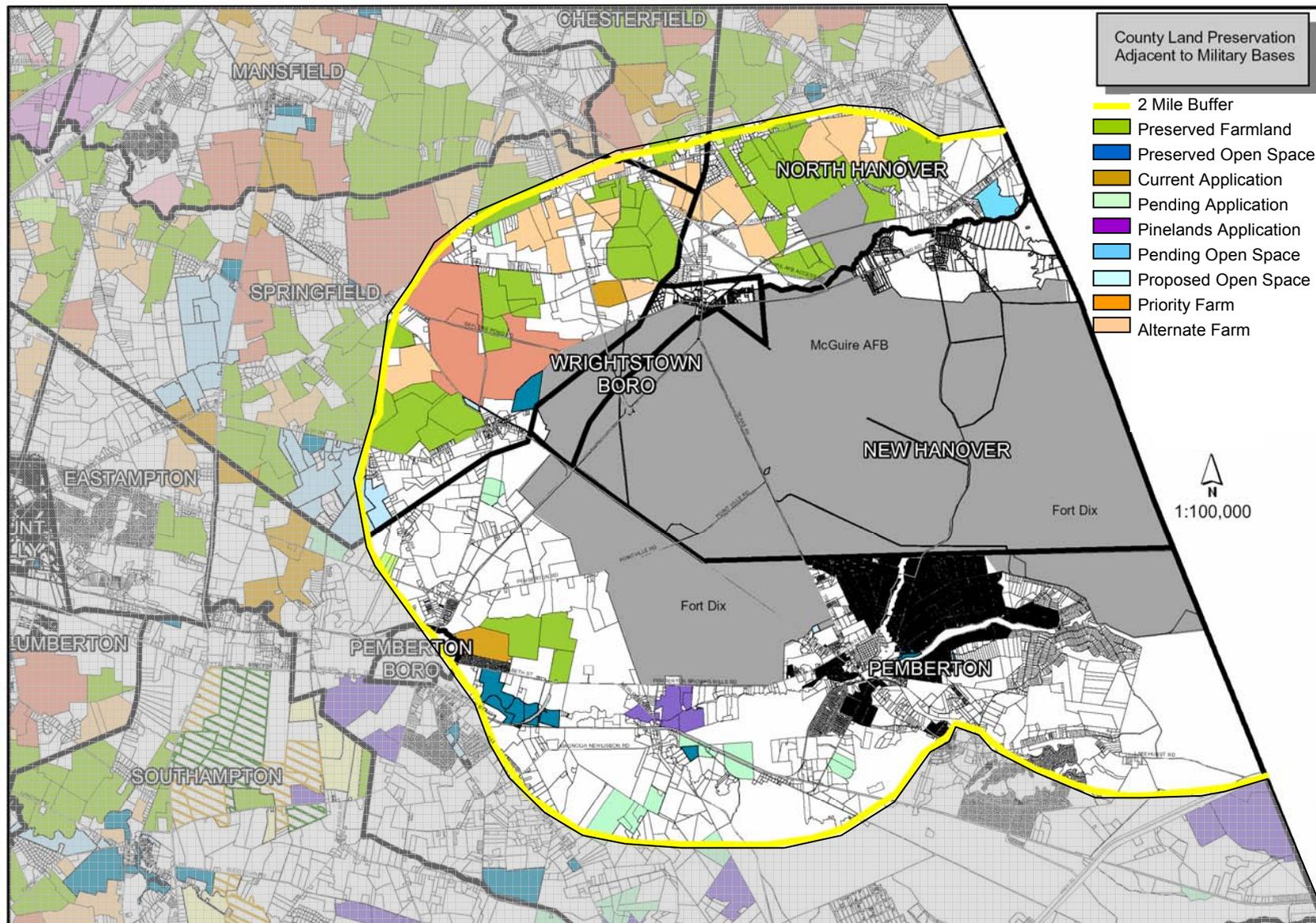


Burlington County Farmland Preservation Program

- **Proponent**
 - **Burlington County Government**
- **Purpose**
 - **Purchase the development rights from Burlington County farmers to prohibit future development of farmlands and prevent encroachment**
- **Status**
 - **County targets land surrounding the military installations (see map - next slide)**
 - **Attend meetings and support efforts to preserve farmland which create buffer zones for the installation**



Burlington County Farmland Preservation



Training Soldiers and Growing Leaders



Encroachment Prevention Initiatives



Joint Land Use Study Program (JLUS)

- **Proponent**
 - Office of Secretary Defense (OSD)
- **Purpose**
 - Cooperative land use planning effort between affected local government and the military installation
 - Provides joint, cooperative military and community planning (Fort Dix, Lakehurst Naval Air Station & McGuire Air Force Base), to avoid encroachment
 - Promotes compatible development
 - Provides community planning assistance grants to state and local governments
- **Status**
 - Formalizing efforts of local training land use agreements between bases and local governments
 - Currently working with NJ Pinelands Commission, Burlington & Ocean County governments and local congressional offices to confirm their participation



Encroachment Topics



- **Noise**
 - **Public Affairs Office (PAO) coordinates with neighboring community municipal, law enforcement and emergency response offices to provide advance notice of overhead firing exercises**
 - **Pubic news releases are issued notifying community residents of planned firing exercises**
 - **NJ Real Estate Contract of Sale includes military clause notifying buyers of proximity of military operations**
 - **Majority of 65db and above contours are within installation boundary - small area of 65db contour is within NJ state forest lands (non-residential)**
- **Cultural Resources**
 - **Majority of training areas have been surveyed for archeological artifacts; no training encroachment concerns/issues identified**
 - **Predictive model being developed for use in remaining unsurveyed areas**
 - **One registered historic site on the installation (Hanover Furnace) – no encroachment on training (impact area)**



Encroachment Topics



- **Military Munitions Rule (MMR)**
 - Requirements incorporated in Hazardous Waste Management Plan
 - Training completed for Range Complex and Environmental personnel
 - No hazardous waste munitions generated on the installation
- **Unexploded Ordinance (UXO)**
 - All property scheduled for transfer is screened for presence of UXO
 - Areas scheduled for major construction projects are screened for UXO
 - Explosives Ordinance Detachment (EOD) stationed on installation, and available for emergency response
- **Perchlorate**
 - Identified in one of four groundwater monitoring wells at EOD Range (former Resource Conservation & Recovery Act Subpart X range) at 39 ppb (no action currently required)
 - No additional monitoring at other installation locations currently required
 - Monitored for in potable water supply under EPA unregulated contaminant rule for one year – all samples resulted in non-detected levels



Encroachment Topics



- **Clean Water Act/National Pollutant Discharge Elimination System (NPDES) Permits**
 - Two NPDES permits – wastewater and storm water
 - No compliance issues
- **Clean Air Act**
 - Title V Operating permit final
 - Emissions significantly reduced due to conversion to natural gas for heating
 - New Jersey is in non-attainment area for ozone – does not restrict training – no impact
- **Water Withdrawals**
 - Water allocation permit sets monthly, annual withdrawal limits
 - Full permit capacity not used, expansion capacity exists
 - Limited use of non-potable wells in training areas for military exercises and fire suppression



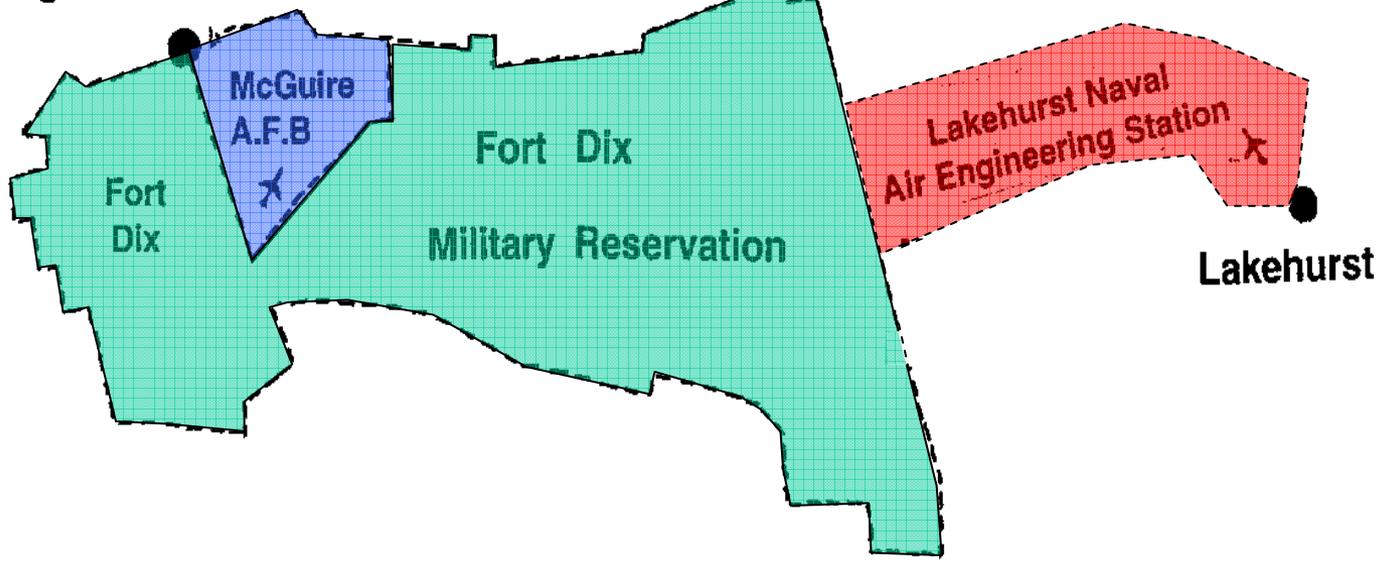
Neighboring Installation Briefs



McGuire Air Force Base

Naval Air Engineering Station Lakehurst

Wrightstown



Naval Air Engineering Station Lakehurst

Naval Air Engineering Station Lakehurst



A Joint Base with
*“A Heritage of Service,
Serving as a Model for the
Future”...*



Naval Air Engineering Station Lakehurst



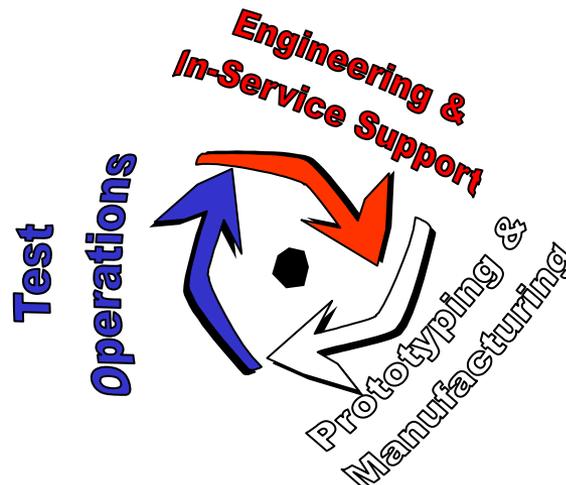
World's Only Full Spectrum Provider of
Support For



- ✓ Aircraft Launch
- ✓ Including EMALS



- ✓ Recovery
- ✓ Terminal Guidance
- ✓ Aircraft / Weapons / Ship Compatibility



- ✓ Expeditionary Airfield Systems
- ✓ Servicing and Maintenance
- ✓ Handling



Naval Air Engineering Station Lakehurst

Labs, Engineering, & In-Service Support

1



*Component Analysis Labs
Secure Facilities
Simulation & Integration Labs*

*Environmental Test Lab
New Products Labs
Electromagnetic Lab*

State-of-the-Art
Aircraft Platform Interface (API) Lab Complex
in the Lakehurst Engineering Campus
Opened June 2002



Naval Air Engineering Station Lakehurst

Prototyping and Manufacturing

2



- 250,000 sq ft, 117 Artisans, 5 Acre complex
- 300+ conventional and computer controlled machines
- Prototyping & Manufacture, overhaul of aircraft launch & recovery components
- Quality Assurance for military and commercial items -
"Flight-Safe" = 99.99999% reliable
- Rapid turnaround to meet mission critical needs - 24/7
- Voyage Repair Teams
 - *The Sun Never Sets On Lakehurst's Support for the Warfighter*



Naval Air Engineering Station Lakehurst

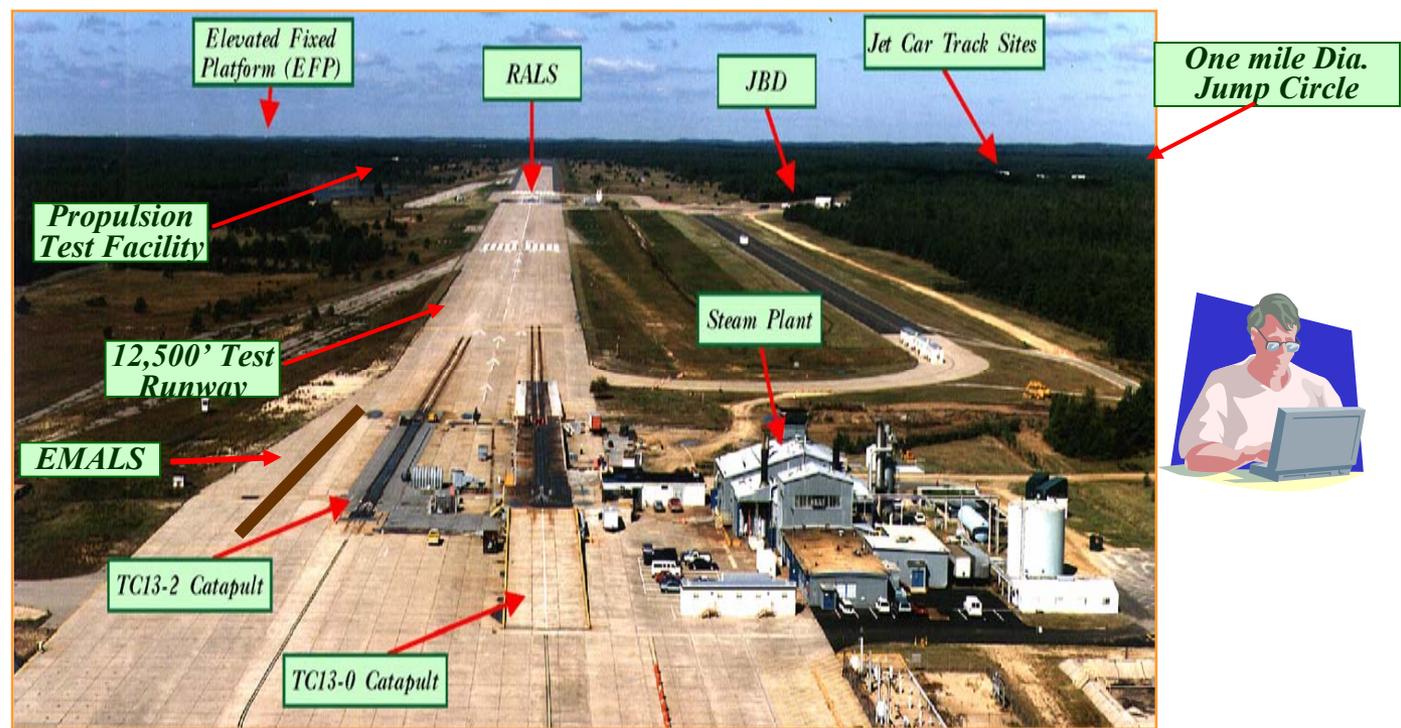
Test Operations

3

- ✓ Production & RDT&E
- ✓ Dedicated Facilities



- ✓ Conducted simultaneously with normal flight operations



Naval Air Engineering Station Lakehurst



Naval Air Technical Training Center (NATTC) Detachment

- Train ALL Navy aircraft carrier:
 - Aircraft Launch & Recovery Equipment Maintenance Officers (Bos'ns)
 - Catapult Officers (Shooters)
 - Catapult & Arresting Gear Maintenance and Electrician Specialists
 - Optical Landing Systems Specialists
 - Air Bosses
 - Aircraft Carrier CO's

Naval Air Engineering Station Lakehurst



The Lakehurst Transformation . . .
*Leading the Way for DoD – Reduced Infrastructure Burden
Without Sacrificing Capability*

+\$2.7M*

1994
Single Service Orientation

NAV AIR



CNATT



NMCB-21

NAV AIR

✓ Joint,
✓ Collaborative,
✓ Innovative,
✓ Efficient



Ocean County VoTech Career Technical Inst.



NJ National Guard Aviation Consolidation



C-17 Assault Landing Zone



2004 -

CNATT



NMCB-21

US Army CECOM



DARPA / FCS

NJ National Guard 254th Regiment CL&TF



US Army Signals PM

US Army Recruiting Cmd

NJ State Police Urban Search & Rescue Team TF-1



*Tenant reimbursement / payment-in-kind to NAES Lakehurst in FY03.
■ Tenant MILCON, \$70M (DoJ, Army, FY04; NJ Natl Guard FY06).

Naval Air Engineering Station Lakehurst



NAES Lakehurst Base Population

2266 total NAES:

1840 – Civilians (incl 118 NAF)

214 – Military

212 – on-site contractors

1757 Tenants:

642 – Civilians (incl 461 CTI staff and students)

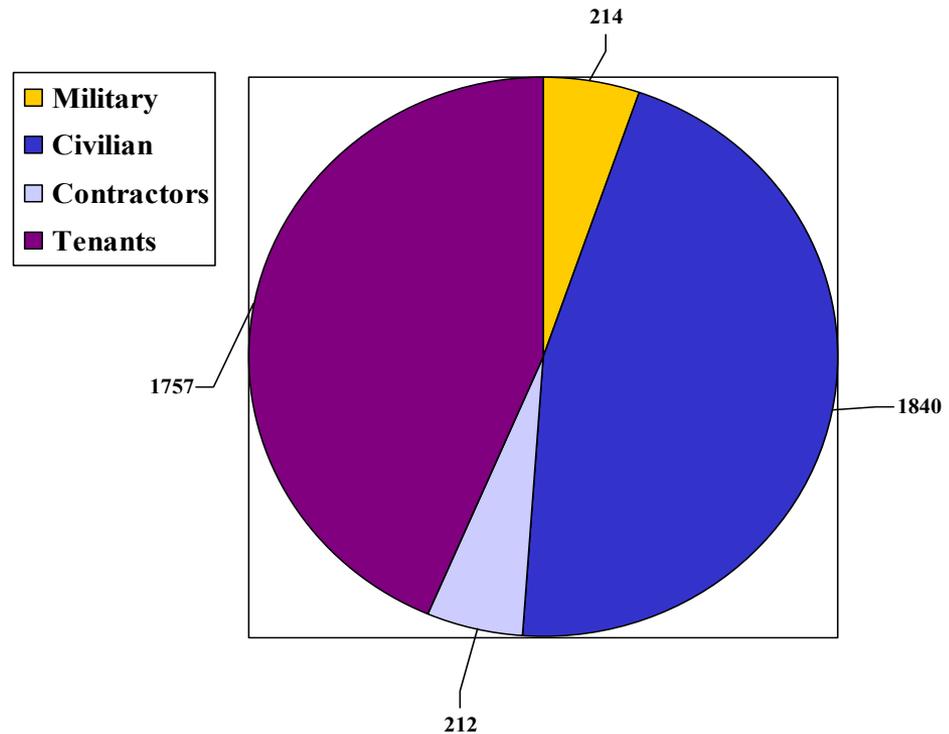
983 – Military (incl 240 NMCB Reserves, 450 Eagle Flag)

132 – Contractors

454 – Base Residents

TOTAL Base Pop: 4477

source: Sep/Oct 2003 Lke Base Loading Report





NAES Lakehurst & Tenant Economic Impact

- **\$781.03M** - **Total Impact**

- \$ 10.09M – MILCON, renovation
- \$442.50M – Operating Exp: Supplies, Construction, Maint, Utilities
- \$202.04M – Total Payroll
- \$126.00M – Estimated Spouse Income
- \$.40M – Lakehurst School District Federal Impact Aid



- **\$369.95M** – **Total Impact to New Jersey**

- \$ 67.47M – Operating Exp: Supplies, Construction, Maint, Utilities
- \$176.08M – NJ Payroll
- \$126.00M – Estimated Spouse Income
- \$.40M – Lakehurst School District Federal Impact Aid



Naval Air Engineering Station Lakehurst

MILCONS – Future Navy

<u>Project</u>	<u>Amount</u>	<u>Award</u>
Comb Struct A/C Fire Sta	\$ 5.8M	w/in 30 days
EMALS (PDRR)	\$20.8M	04/advertise auth
Advanced Arresting Gear Test Site	\$14.3M	09
Main & Comm Gate CT Security Improv	\$ 5.2M	09
Carrier Island Integration & Test Fac	\$ 4.6M	09
Automatic Test Equipment Software Ctr	\$ 6.5M	Unprogrammed
Youth Center & School Age Care Center	\$ 2.5M	Unprogrammed

Total Future Navy MILCON (FY03-09) = \$59.7M



Naval Air Engineering Station Lakehurst

MILCONs - *Tenants* *Future*

<u>Project</u>	<u>Amount</u>	<u>Award</u>
Department of Justice (DoJ) Hangar	\$ 4.5M	04
NJARNG Army Aviation Support Readiness Ctr, B129	\$ 1.5M	04
NJARNG Army Aviation Support Rehab B307, 608, 129	\$ 1.5M	04
Army Recruiting Command BN Operations Bldg.	\$ 2.2M	04
NJARNG Consolidated Logistics & Training Facility	\$59.8M	08

Total Future Tenant MILCON (FY03-09) = \$69.5M

Total Future MILCON = \$129.2M

Naval Air Engineering Station Lakehurst



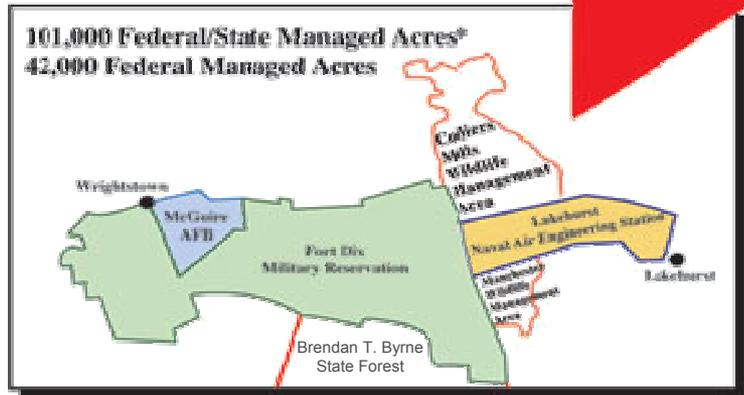
Dix-Lakehurst-McGuire

Joint Installation Partnership

**The Hub of New Jersey's
Homeland Defense / Security Capability**

&

*"A Model for the Future,
Serving the Nation, Today"*



* Includes Warren Grove Bombing Range (20 nm South)



Naval Air Engineering Station Lakehurst



Joint Installation Partnership

Today *A Partial List*

- **254th Regiment, NJARNG**
 - Lakehurst – Dix.
- **421st Ground Combat Readiness Squadron – EAGLE FLAG**
 - Dix – Lakehurst McGuire
- **BOMARC Remediation**
 - McGuire – Dix – Lakehurst
- **DARPA**
 - Lakehurst – Dix
- **Firearms training**
 - All
- **Pest control & Linen services**
 - All
- **Security.**
 - All
- **Air Operations**
 - All
- **Explosive Ordnance Disposal**
 - All
- **Support for Tenant Commands' Missions**
 - All

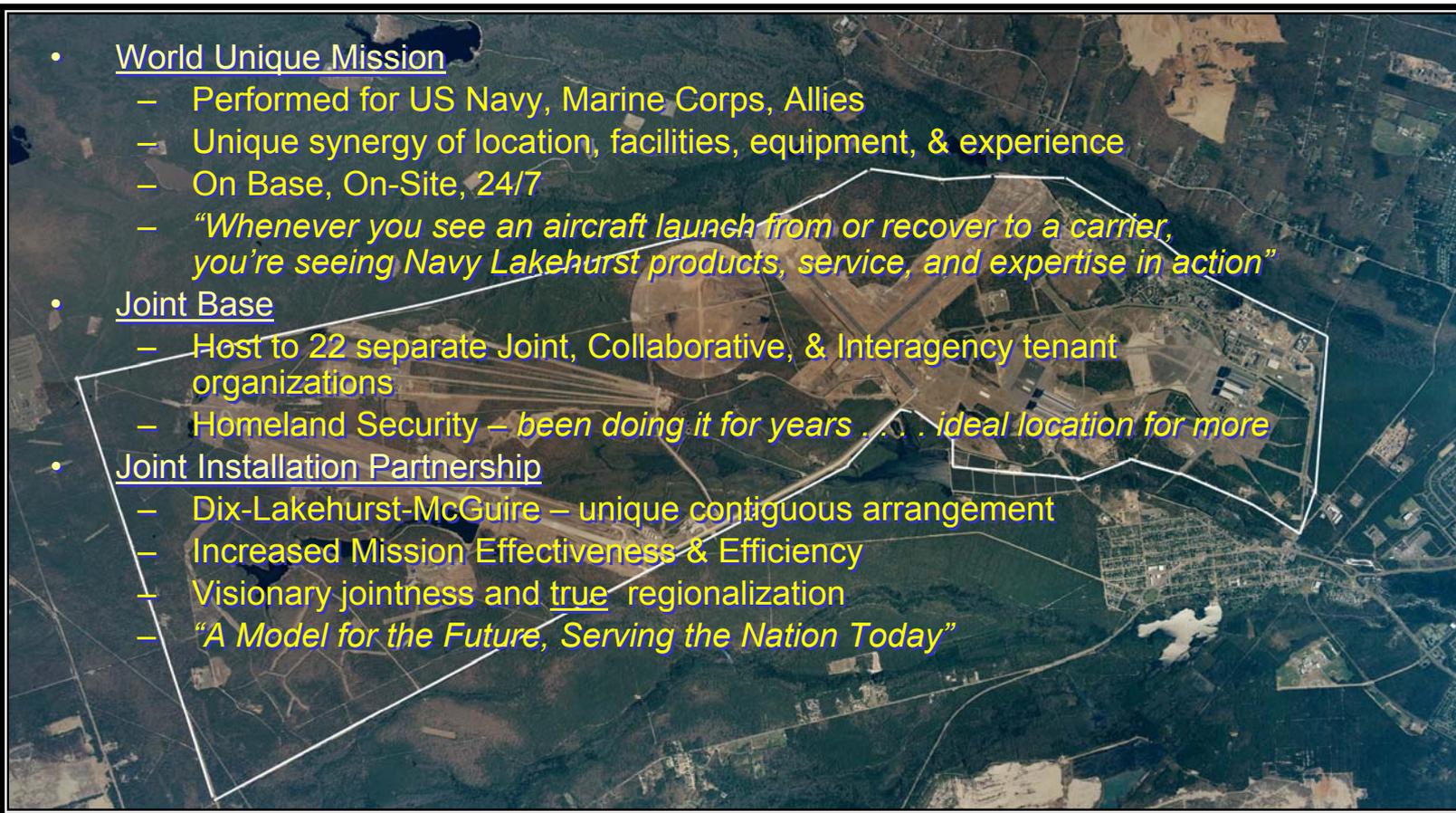




Naval Air Engineering Station Lakehurst

Today

- World Unique Mission
 - Performed for US Navy, Marine Corps, Allies
 - Unique synergy of location, facilities, equipment, & experience
 - On Base, On-Site, 24/7
 - *“Whenever you see an aircraft launch from or recover to a carrier, you’re seeing Navy Lakehurst products, service, and expertise in action”*
- Joint Base
 - Host to 22 separate Joint, Collaborative, & Interagency tenant organizations
 - Homeland Security – *been doing it for years ideal location for more*
- Joint Installation Partnership
 - Dix-Lakehurst-McGuire – unique contiguous arrangement
 - Increased Mission Effectiveness & Efficiency
 - Visionary jointness and true regionalization
 - *“A Model for the Future, Serving the Nation Today”*



Naval Air Engineering Station Lakehurst



Lakehurst – “PRICELESS”

- FY03 tenant payment-in-kind & reimbursement – \$2.7M
- Projected future tenant MILCON investment – \$69.5M
- Retaining Navy / DoD control of 7,430 acres of unique, world class joint facilities while using tenant and joint installation partnerships to increase mission effectiveness and reduce infrastructure and operating costs

PRICELESS





McGuire AFB Colonel JJ Jackson



**KC-10
Extender**



**C-141B
Starlifter**



**C-17 Globemaster
Coming in Aug 04**

Team McGuire...One Team...One Theme – Mobility!



Team McGuire



305th Air Mobility Wing



514th Air Mobility Wing (Air Force Reserve)



Air Mobility Warfare Center



108th Air Refueling Wing (Air National Guard)



21st Expeditionary Mobility Task Force

Team McGuire...One Team...One Theme – Mobility!



Economic Impact

Personnel: 17,627

Total acreage: 3,600 acres

Annual payroll: \$352.9m

Annual expenditures: \$77.7m

Estimated dollar value of jobs created: \$174.4m

Estimated indirect jobs created: 4,337

Average annual pay: \$40,222

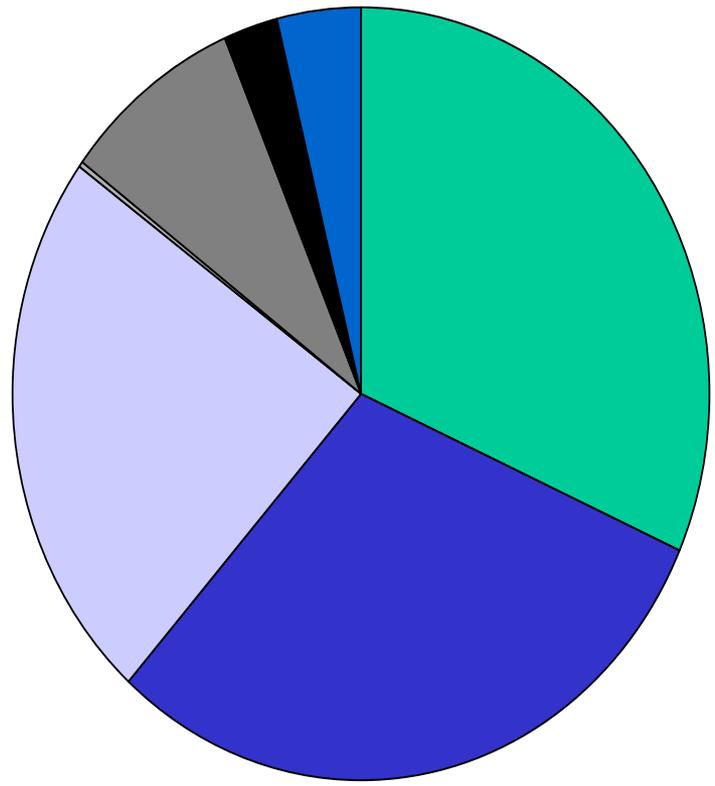
Total annual economic impact estimate: \$605.1m

Team McGuire...One Team...One Theme – Mobility!



Personnel

Personnel: 17,627



- Active Duty: 5,548
- Active Duty Military Family Members: 5,301
- Non-Extended Active Duty Air Force Reserve/Air National Guard: 4,101
- Air National Guard/Air Force Reserve : 122
- Appropriated Fund Civilians: 1,419
- Non-Appropriated Fund Civilians: 436
- Trainees/Cadets: 700

Team McGuire...One Team...One Theme – Mobility!



Environmental Success

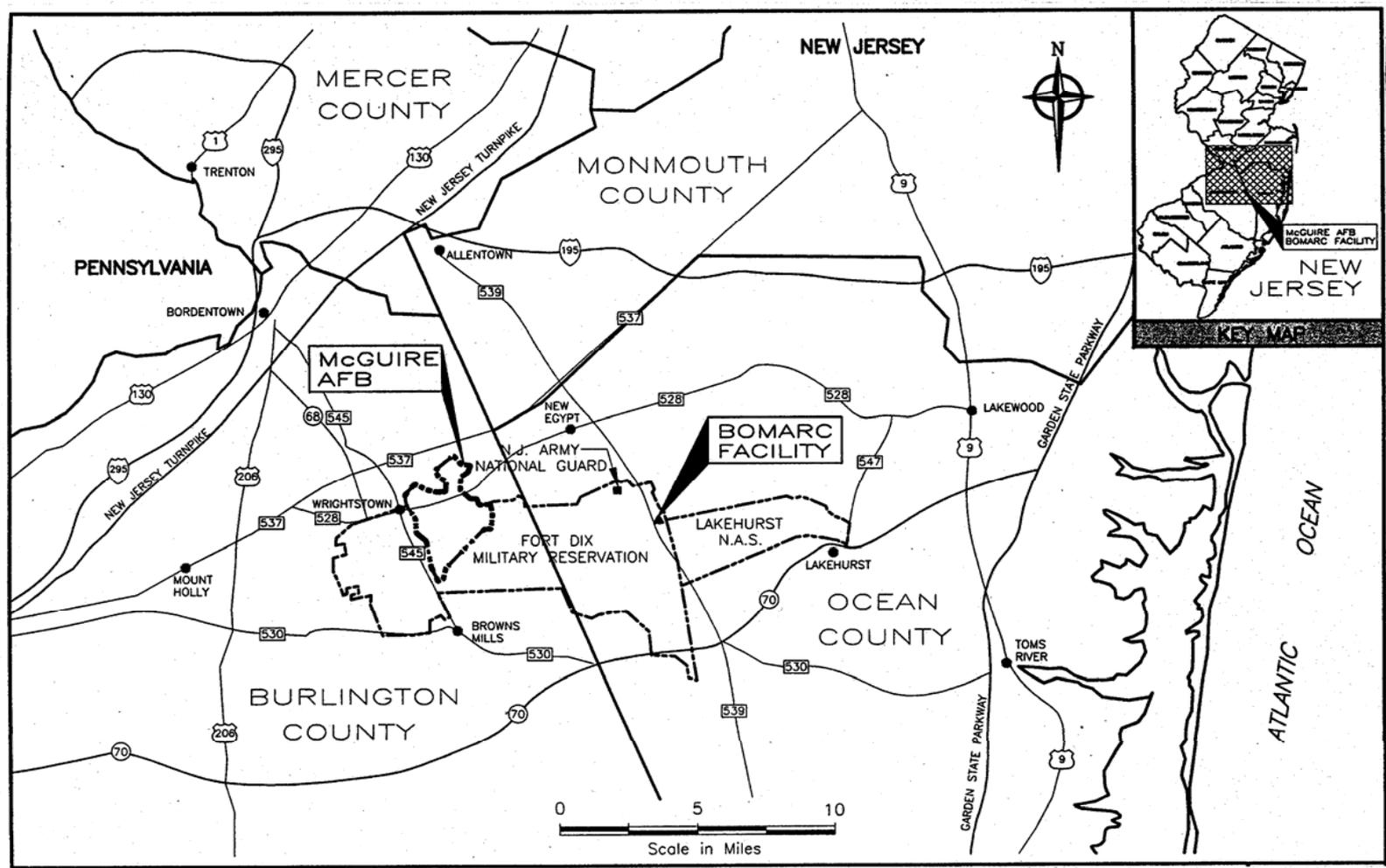


BOMARC CLEAN-UP

Team McGuire...One Team...One Theme – Mobility!



BOMARC Location



Team McGuire...One Team...One Theme – Mobility!



BOMARC History

- ***BOMARC Facility***
 - ***11 Miles East of McGuire AFB***
 - ***Facility Constructed in 1958 And Closed In 1972***
- ***BOMARC Missile Accident Site (RW-01)***
 - ***Fire In Missile Shelter in June 1960 Dispersed Low-level Plutonium Contamination by Fire-fighting Operation***
- ***Excavation Started in Late-Spring Of 2002***
 - ***Dismantle Three Shelters***
 - ***Excavate Soil and Pavement Above 8 pCi/g***
 - ***Envirocare of Utah, Inc. Selected as Disposal Facility***
- ***First Shipment: 25 Jun 02***

Team McGuire...One Team...One Theme – Mobility!



BOMARC Aerial View



NORTH



RW001

Team McGuire...One Team...One Theme – Mobility!



BOMARC Milestones



- **Shipped 20,800 Cubic Yards (CY), as of 31 Dec 03**
- **Estimated Volume Remaining 300 CY**
- **Obligated \$21.7M by 10 Dec 03**
- **Budgeted \$1.0M to Complete**
- **Completion Schedule**
 - **Cleanup Started in Class I Area** **Apr 02**
 - » **Class I is Area of Known Contamination**
 - **Class I Area Excavation/Transport** **Apr 04**
 - **Class I Area Final Report, Backfill** **Sep 04**
 - **State Regulator Concurs Site Cleanup** **Sep 05**

Team McGuire...One Team...One Theme – Mobility!



Joint Ventures



Team McGuire...One Team...One Theme – Mobility!



Munitions Storage on Ft Dix



- **Requirement: Wing & Transient Munitions Storage**
- **Current: Ft Dix MSA, McGuire MSA, POL Tank**
- **\$7.2M in FYDP**
 - **3 Igloos (for Class 1.1/2) & Minor Road Repairs in Ft Dix MSA**
 - **Admin Bldg & 2 Multicubes (for Class 1.3/4 & 24hr Supply of Class 1.1/2) on McGuire AFB**
 - **Transient Munitions Facility on McGuire Airfield**

Team McGuire...One Team...One Theme – Mobility!



Checkpoint 9 Improvements

- ***Jointly operated commercial vehicle checkpoint on Ft Dix***
- ***Work identified after 9/11 via MTMC study***
- ***Purpose: Improve existing conditions, provide permanent structures, improve traffic flow and reduce vulnerability, implement latest search technology***
- ***Design-Build Contract through AFCEE***

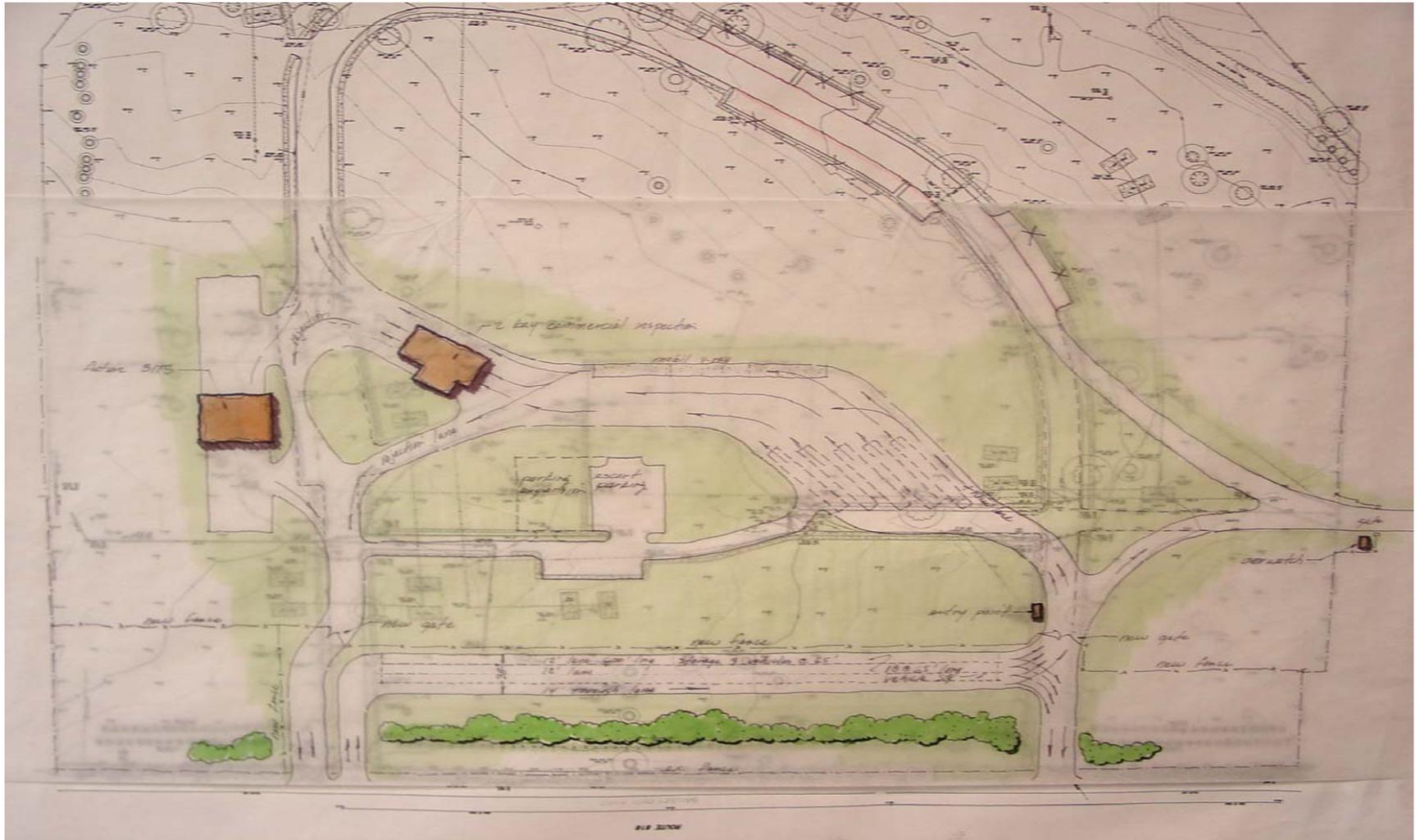
- ***Cost: \$2.3M***
- ***Awarded: Sep 03***
- ***Completion: Dec 04***

Team McGuire...One Team...One Theme – Mobility!



Checkpoint 9 Site Plan

Joint Commercial Truck Gate



Team McGuire...One Team...One Theme – Mobility!



Housing Privatization

- **Facts**
 - **Only AF joint-service initiative**
 - **Second largest privatization project in AF**
 - **Current Scope: 2,466 units**
 - **Estimated Scored Cost: \$24.7M**
 - **Leverage (compared to equivalent MILCON) = 15:1**
- **On The Horizon**
 - **MOU signed / installations working on MOA**
 - **Industry Forum scheduled for 3 Mar 04**
- **Schedule Estimated Scored Cost: \$24.7M**
 - **Issue RFP: Apr 04**
 - **Notification to award: Dec 04**
 - **Closing: Mar 05**

Team McGuire...One Team...One Theme – Mobility!



Questions?



Team McGuire...One Team...One Theme – Mobility!

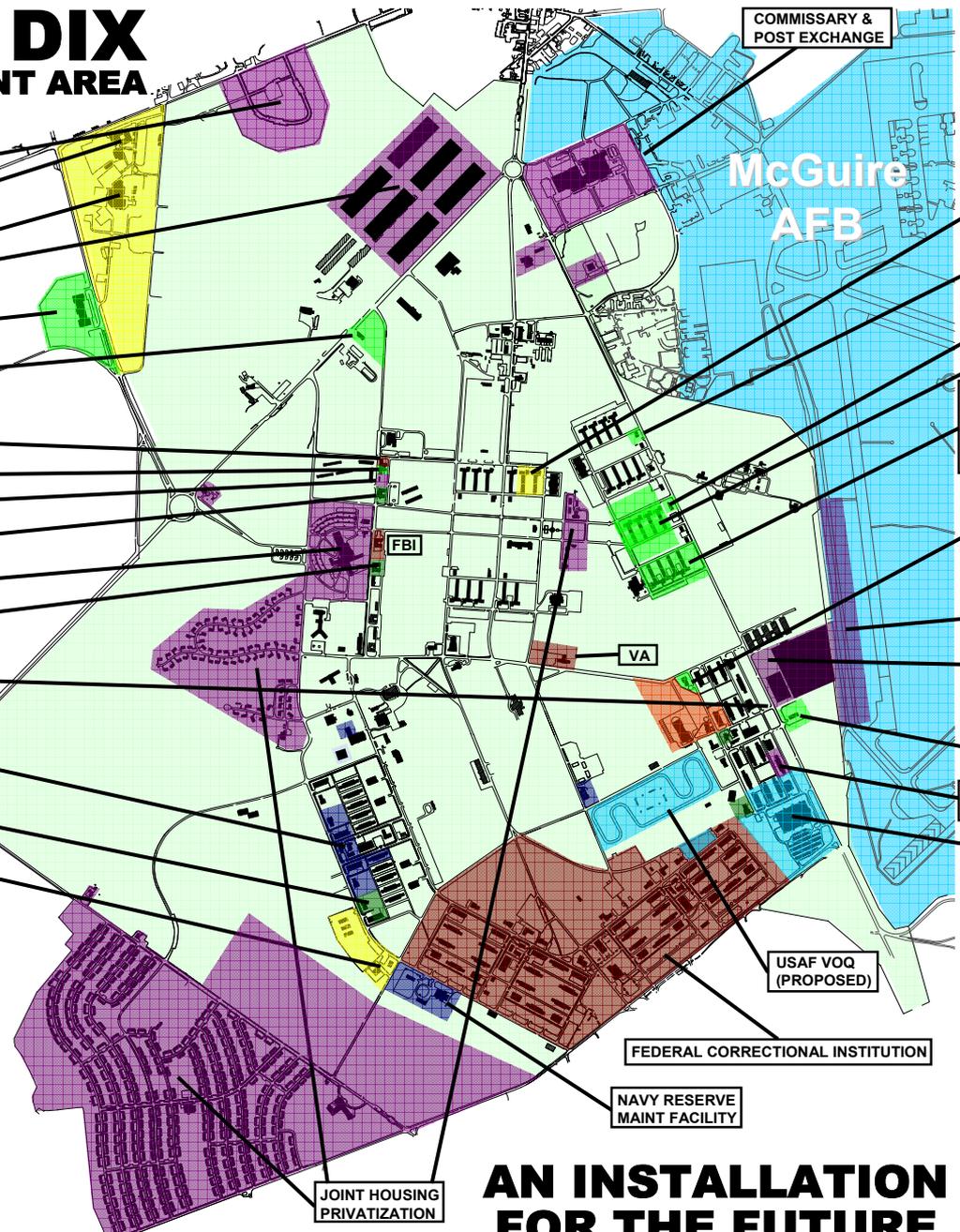


FORT DIX CANTONMENT AREA



- JOINT TRUCK GATE (USAR & USAF)
- JOINT FORCE HQ - NJ NATL GUARD
- TNG & TNG TECH BATTLE LAB (ARNG)
- STRATEGIC STORAGE SITE (PROPOSED)
- KELLEY RESERVE CTR
- 854TH ENGINEERS
- FBI
- 348TH CID
- PX HQS
- CORPS OF ENGINEERS
- JOINT INTERAGENCY CIVIL SPT TNG CTR (NOTIONAL)
- 2D BDE, FIRST REGION, ROTC
- COAST GUARD ATLANTIC STRIKE TEAM
- US NAVY NAVAL RESERVE CTR
- 760TH EOD CO
- ARNG MAINT SITE

	ARMY RESERVE
	ARNG
	ARMY
	AIR FORCE
	NAVY RESERVE
	COAST GUARD
	FEDERAL
	DOD / JOINT



COMMISSARY & POST EXCHANGE

McGuire AFB

ARNG & NJ CHALLENGE YOUTH

77TH RRC SAFETY OFC

78TH DIV FORWARD

NCO ACADEMY 98TH DIV

78TH DIV BTL PRJ GRP HQs, 1ST BDE - 78TH DIV NE AR INTEL SPT CTR 77TH RRC RESV CTR 348TH GEN HOSPITAL

8TH BN 98TH REG (PSS)

HOTEL TAXIWAY

FORT DIX AIRFIELD & PALLET FACILITY

1/309TH TNG SPT BN, 78TH DIV (TS)

MILITARY ENTRANCE PROCESSING STATION

AIR MOBILITY WARFARE CENTER

USAF VOQ (PROPOSED)

FEDERAL CORRECTIONAL INSTITUTION

NAVY RESERVE MAINT FACILITY

JOINT HOUSING PRIVATIZATION

AN INSTALLATION FOR THE FUTURE

Training Soldiers and Growing Leaders



CURRENT



Tenants



Tenants



- **US Air Force - Air Mobility Warfare Center**
 - **418 Full Time employees (366 Military, 52 Civilian)**
 - **Mission**
 - **To train, test and educate the forces in the areas of tactics, exercises, wargaming and to train airman in innovative Air Force tasks and standards - trains 6000 students annually**
- **US Navy - Naval Reserve Center**
 - **28 Full Time Employees (25 Military, 3 Civilian) (744 Drilling Reservists)**
 - **Naval Reserve Security Group, Cargo Handling Bn, Inshore Boat Unit, Recruiting, DIRFAC Northeast**
 - **Mission**
 - **To train, equip and provide mission ready naval reservists in support of national objectives**
 - **Directly responsible for the mobilization, crisis response and peacetime support for selected reservists in 30 units**



Tenants



- **US Coast Guard - Coast Guard Atlantic Strike Team**
 - **46 Full Time Employees (44 Military, 2 Civilians)**
 - **Mission**
 - **Rapid environmental response to oil, hazardous material and weapons of mass destruction incidents in an area of responsibility that includes the Mid-Atlantic states through New England and west to Nebraska**
- **78th Division (Training Support) (Army Reserve)**
 - **78 Full Time Military Employees (547 Drilling Reservists)**
 - **HQ, 1st Brigade**
 - **1/309th & 2/309th Training Support Battalions**
 - **Battle Projection Center**
 - **Mission**
 - **Provide training and readiness assistance to RC units**
 - **Provide simulation exercises to RC commands and staffs**
 - **Support Federal Disaster Response Operations**
 - **Provide Mobilization Assistance Teams to support installations**



Tenants



- **77th Regional Readiness Command (Army Reserve)**
 - **348TH General Hospital**
 - **19 Full Time Military Employees (362 Drilling Reservists)**
 - **Mission**
 - To provide Level 4 (i.e. post community hospital) medical care and hospitalization for patients within the combat zone
 - Provide command and support for dispersed subordinate hospital elements: Hospital Unit Mobile (HUM) (175 personnel) located in Ashley, PA; Hospital Unit Surgical (HUS) (130 personnel) located in Albany, NY; DETACHMENT 1 (45 personnel) located in Poughkeepsie, NY and to the 625th Forward Surgical Team (FST), co-located with the Hospital Unit Base (HUB) at Fort Dix, NJ. (Overall command of 708 personnel)
 - **Area Maintenance Support Activity / Equipment Concentration Site**
 - **55 Full Time Employees (51 Military, 4 Civilian) (73 Drilling Reservists)**
 - **Mission**
 - Provide Organizational and limited Direct Support maintenance on equipment assigned to the site - assists in ensuring rapid and smooth deployment of mobilizing units



Tenants



- **NorthEast Army Reserve Intelligence Support Center (Army Reserve)**
 - **26 Full Time Employees (23 Military, 3 Civilian)**
 - **Mission**
 - **Provide joint customers with a tailored, intelligence production platform to enhance the readiness of the tactical, operational and strategic Reserve Component Military Intelligence Force through a proficient AC/RC cadre, effective resource management and state-of-the-art connectivity. Provide Combatant Commands/sister services/combat support agencies a secure facility to meet their intelligence training and operational requirements.**
- **Army Reserve Contracting Center (ARCC)**
 - **31 Full Time Employees (2 Military, 29 Civilians)**
 - **Mission**
 - **Provide quality contracting of services and support to all customers. Currently supporting all US Army Reserve commands in CONUS, Puerto Rico, and Hawaii through Contracting Cells located in each USAR command**



Tenants



- **HQ, 2d Brigade, 1st Region Reserve Officer Training Corps (Active Army)**
 - **12 Full Time Employees (9 Military, 3 Civilian)**
 - **Mission**
 - **To recruit, retain and commission future officers for the U.S. Army. Command and control of all Army ROTC units located at 19 universities in Pennsylvania, New Jersey and New York City.**
- **63d Explosive Ordnance Disposal Battalion (Active Army)**
 - **41 Full Time Employees (40 Military, 1 Civilian)**
 - **Mission**
 - **Deploy trained and ready EOD forces and exercise command and control of EOD operations in support of Army Service Component Command**
 - **Provides military support/assistance to civil authorities, and force protection to military installations to detect, identify, render-safe and dispose unexploded ordnance, improvised explosive devices and weapons of mass destruction, which threaten forces, citizens and operations in assigned area of operations (11 companies - 15 state area)**



Tenants



- **NJ National Guard**

- **Joint Forces Headquarters**

- **Mission – Provide Command and Control for NJ Army and Air National Guard units**

- **Training & Training Technology Battle Lab (National Guard Bureau)**

- **26 Full Time Employees (22 Military, 4 Civilians)**
 - **Mission – To create state of the art training environments, integrating relevant emerging and distributive training technologies into live, virtual, and constructive environments for training**

- **ChalleNGe Youth Program**

- **43 Full Time Civilian Employees**
 - **Mission – from “at risk” youth develop educated, well-rounded, and productive citizens for the state of New Jersey through a program of Leadership/Followership, Responsible Citizenship, Academic Excellence, Job Skills, Life Coping Skills, Health & Hygiene, Community Service, and Physical Fitness - two 22 week cycles/year - annually enroll 300-375 and graduate 175-225**



Tenants



- **US Army Corps of Engineers Resident Office (Active Army)**
 - **10 Full Time Civilian Employees**
 - **Mission**
 - Administers construction contracts in the northern half of New Jersey and the Delaware Basin extending into southern New York
 - The Fort Dix Resident Office is responsible for military, civil works, and EPA Superfund and Support for Others (Federal/State agencies, municipalities, etc.)
- **Federal Correctional Institution (Federal Bureau of Prisons, DoJ)**
 - **645 Full Time Civilian Employees**
 - **Mission**
 - To confine offenders in a safe, secure, and humane facility; providing work, educational, and other self improvement opportunities to assist offenders in becoming productive, law-abiding citizens in the most cost effective manner
 - Current inmate population is 4460 - largest Federal Correctional Institution in the nation



Tenants



- **New Jersey Mid-State Correctional Facility**
 - **260 Full Time Civilian Employees**
 - **Mission**
 - **Ensure all persons committed to the state correctional institution are confined with the level of custody necessary to protect the public and provide the care, discipline, training, and treatment needed to prepare them for reintegration into the community**
 - **Currently housing 617 inmates**
- **Department of Defense (DoD) - Military Entrance Processing Station (MEPS)**
 - **38 Full Time Employees (36 Military, 2 Civilian)**
 - **Mission**
 - **To process individuals for enlistment or induction into the armed services, based on DoD approved peacetime and mobilization standards**



Tenants



- **Federal Bureau of Investigations (FBI)**
 - **11 Full Time Civilian Employees**
 - **New York Division Office**
 - **Newark Division Office**
 - **Mission**
 - **Provide firearms and special weapons qualification training to area law enforcement agents**
- **Veteran's Administration Clinic (VA)**
 - **12 Full Time Civilian Employees**
 - **Mission**
 - **Provide quality health care and social services to Veterans while maintaining the highest level of professional and ethical standards. Provide services to the largest eligible population in southern NJ (5 county area)**
 - **Over 6000 patients annually**



CURRENT



Current Jointness and Partnerships



Current Jointness and Partnerships



- **Ammunition Supply Point (Joint Use)
Completed February 2003**
 - **Congressional Add - Modern Ammunition Storage Point consisting of 10 concrete igloos, turn-in/inspection facility, residue turn-in facility, and operations building**

\$ 8.7M



**Funded FY 99
Contract award FY 00
Completed - February 2003**

**Sited for 3 additional USAF
Igloos (to be constructed)**



Current Jointness and Partnerships



- **Tactical Vehicle Wash Facility (Joint Use)**
 - 20 hose facility
 - Drive-thru “bird bath”
 - Mobilization and training usage

\$ 5.6M



**Funded FY 00
Contract award FY 00 (Sep)
Completed May 03**



Current Jointness and Partnerships



- **Fort Dix Public Works**

- Fort Dix maintains a mutual aid agreement with McGuire AFB to provide for support of Level “A” emergency response incidents
- Fort Dix partnership agreement with McGuire AFB to include Fort Dix in their on-site contractor-operated recycling facility
- Fort Dix supplies reimbursable general services associated with McGuire AFB housing units located on Fort Dix

- **Service contracts (Joint)**

- Waste Water Treatment Facility - Fort Dix and McGuire
- Pest Control - Fort Dix and Lakehurst
- Laundry/Dry-cleaning – Fort Dix and Lakehurst
- Custodial – Fort Dix Tenants
 - NCO Academy, 1079th Garrison Support Unit, Kelly Army Reserve Center, Equipment Concentration Site #27, 78th Division - Battle Projection Center, Air Mobility Warfare Center



Current Jointness and Partnerships



- Information Technology Partnerships – Fort Dix, Lakehurst, McGuire
 - Working partnership with various working groups to enhance the IT base of the three installations
- Fiber Optic Backbone – Fort Dix & McGuire
 - Interconnected fiber optic backbone and working a DISA plan for redundant pathways off of the installation
- Land Mobile Radio Project (LMR) – Fort Dix, Lakehurst, McGuire
 - Joint LMR project with an Army lead which will provide for one radio system for the three installations
 - The LMR program with Dix as the Hub will be expanded to Letterkenny, Tobyhanna, Ft Monmouth, Picatinny and Scranton AAP
- Fort Dix provides Area Control Center Defense Messaging System (DMS) support to Carlisle Barracks, Picatinny Arsenal and to 60% of USAR General Officer Commands



Current Jointness and Partnerships



- Law Enforcement/Fire/Safety:

- The Joint Commercial Vehicle Checkpoint is located on Fort Dix and is manned by both Fort Dix and McGuire personnel - Fort Dix is providing x-ray equipment specifically designed to inspect large vehicles while McGuire is developing a project to construct a permanent checkpoint in the current location
- WMD Response and support, sharing of resources, manpower, training and facilities
- Support of Special events, air show, annual fireworks display
- Police back up and support, reduce workforce requirements and enhance response capabilities during crises
- Coast Guard Atlantic Strike Team - training, resources and facilities
- Mutual Aid with Fire Services Branch - MAFB and Dix Fire Departments mutually support each other and perform the function as the "third engine company" at significant cost savings



Current Jointness and Partnerships



- Law Enforcement/Fire/Safety (cont'd):

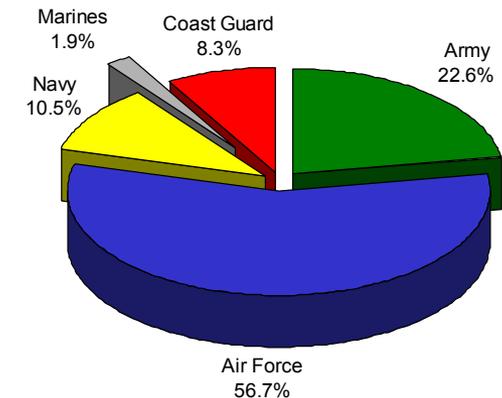
- Air Mobility Warfare Center – Dix provides Law Enforcement support for Access Control at the AMWC
- Federal Magistrate – Magistrate sits at the Fort Dix court room weekly and hears cases for both Dix and McGuire.
- Shared resources and equipment: Military Working Dogs (K-9), Specialized vehicles, and Special Operations equipment



Current Jointness and Partnerships



- The Joint Personal Property Shipping Office (JPPSO), located on Fort Dix, coordinates the movement of household goods for service members
 - Area support - New Jersey and Eastern Pennsylvania
 - Supports Fort Dix, Fort Monmouth, McGuire AFB, Lakehurst NAES and USCG Cape May
 - FY03 work performed by service
 - Army 22.6%, Air Force 56.7%, Navy 10.5%, Marines 1.9% and Coast Guard 8.3%
- Federal/State Inmate Labor Programs on Fort Dix
 - Grounds maintenance and janitorial services
 - \$3M annual cost avoidance





Community Partnerships



Training Soldiers and Growing Leaders



Morale, Welfare & Recreation (MWR) Activities



Category A

- Griffith Field House
- Doughboy Gym
- Sports Program
- Outdoor Recreation
 - Parks
 - Picnic Areas
- Aquatics Training

Category B

- Arts & Crafts
- Child and Youth Svcs
 - Child Development Svcs
 - Family Child Care
 - Supplemental Programs & Svcs
 - School Age Services
 - Youth/Teen Center
 - Youth Sports
- Outdoor Recreation Programs
 - Hunting / Fishing Areas
 - Equipment Rental Facility
- Recreational Swimming
 - Indoor Pool
 - Outdoor Pool

Category C

- Bowling Center
- 18-Hole Golf Course
 - Mulligan's Restaurant
- Dix Community Club
- Rod & Gun
- Car Wash
- Mini-Golf
- Batting Cages
- Go-Cart Track

Non MWR

- Army Community Svcs
- Veterinary Svcs
- Alcohol / Substance Abuse Program

Army Lodging

MWR serves all services, tenants, DoD civilians, retirees and dependents



Category

- A = Mission Sustaining Activities**
- B = Community Support Activities**
- C = Business Operations**



DCFA Community Recreation Support



Community Members Supported Annually

**Supports
approx 52,700
annually**

Soccer – 30,000

Swim Meets – 750

Softball / Volleyball / Flag Football – 450

Rod & Gun Club – 1,500

Fourth of July Celebration – 15,000-20,000



DCFA Community Partnerships



- **Pemberton Township School District Abbott Program**
 - 4th year that we have partnered with the school district to provide 45 spaces for the NJ mandated Abbott program for preschool children
 - Fort Dix Child Development Center provides the space, teachers, assistants and family worker at no cost to Fort Dix
 - Funding is provided by NJ Departments of Education and Human Services
 - 95% of the children attending the program are military children living in Pemberton Township



DCFA Community Partnerships



- **Fort Dix MWR partners with McGuire AFB to provide shared services to support authorized patrons**
 - **Bowling Center and Woodshop are operated by Fort Dix**
 - **Movie Theater, Auto Crafts and Information, Tours and Travel Office are operated by McGuire AFB**
- **Fort Dix MWR partners with**
 - **NJ Youth Soccer Association to provide fields for tournament play throughout the year generating \$50,000 to MWR**
 - **NJ Skeet Shooters Association to provide facilities for 6 major shoots annually generating \$20,000 to MWR**
- **These cooperative efforts have allowed us to provide services while saving resources**



Community Partnerships



- **Burlington County Military Affairs Committee (BMAC)**
 - **Established June 1986 by Board of Chosen Freeholders**
 - **Purpose - Liaison between civilian and military communities to understand each others missions and issues**
 - **Supports over 48,000 veterans and military members who reside in Burlington County**
 - **Burlington County Military Service Medal (over 6,000 to date)**
 - **Telephone cards for deploying service members (\$7,500)**
 - **Annual tribute to military personnel dinner**
 - **Food baskets/toys/baseball tickets (military and families)**



Force Protection Partnerships



Mega-Base Anti-Terrorism Concept

Coordination & Information exchange conferences & email alert system designed to enhance the effectiveness and cohesiveness of the Law Enforcement Community

Partnered with Federal Agencies: FBI, MAFB, INS, FCI, Lakehurst, USN, National Guard, Monmouth, US Coast Guard and other Agencies

Partnered with State & Local Law Enforcement agencies: NJ State Police, Mid-State Correctional Fac, Pemberton PD, Wrightstown PD, Chesterfield PD Interagency meeting



Fort Dix is Exclusive Federal Jurisdiction

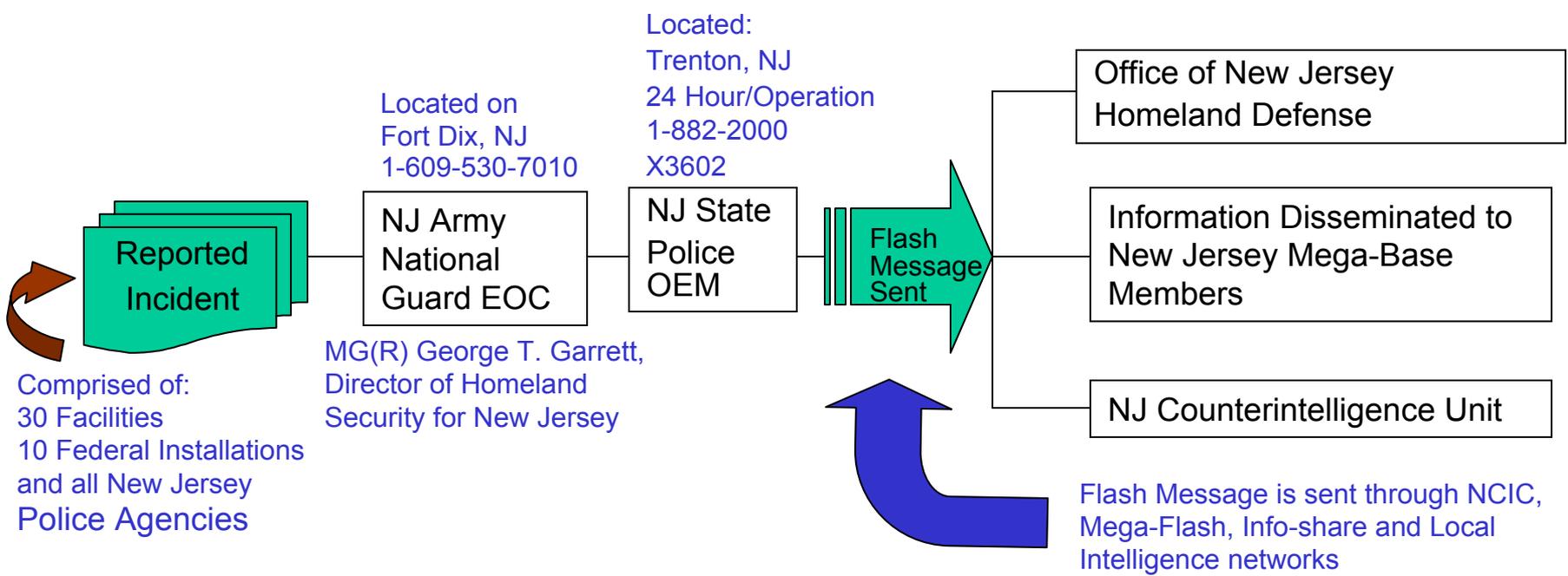


**Quarterly Meetings
MOU's
Information exchange
Joint Training
Establishment of common radio frequency Burlington County**

Training Soldiers and Growing Leaders



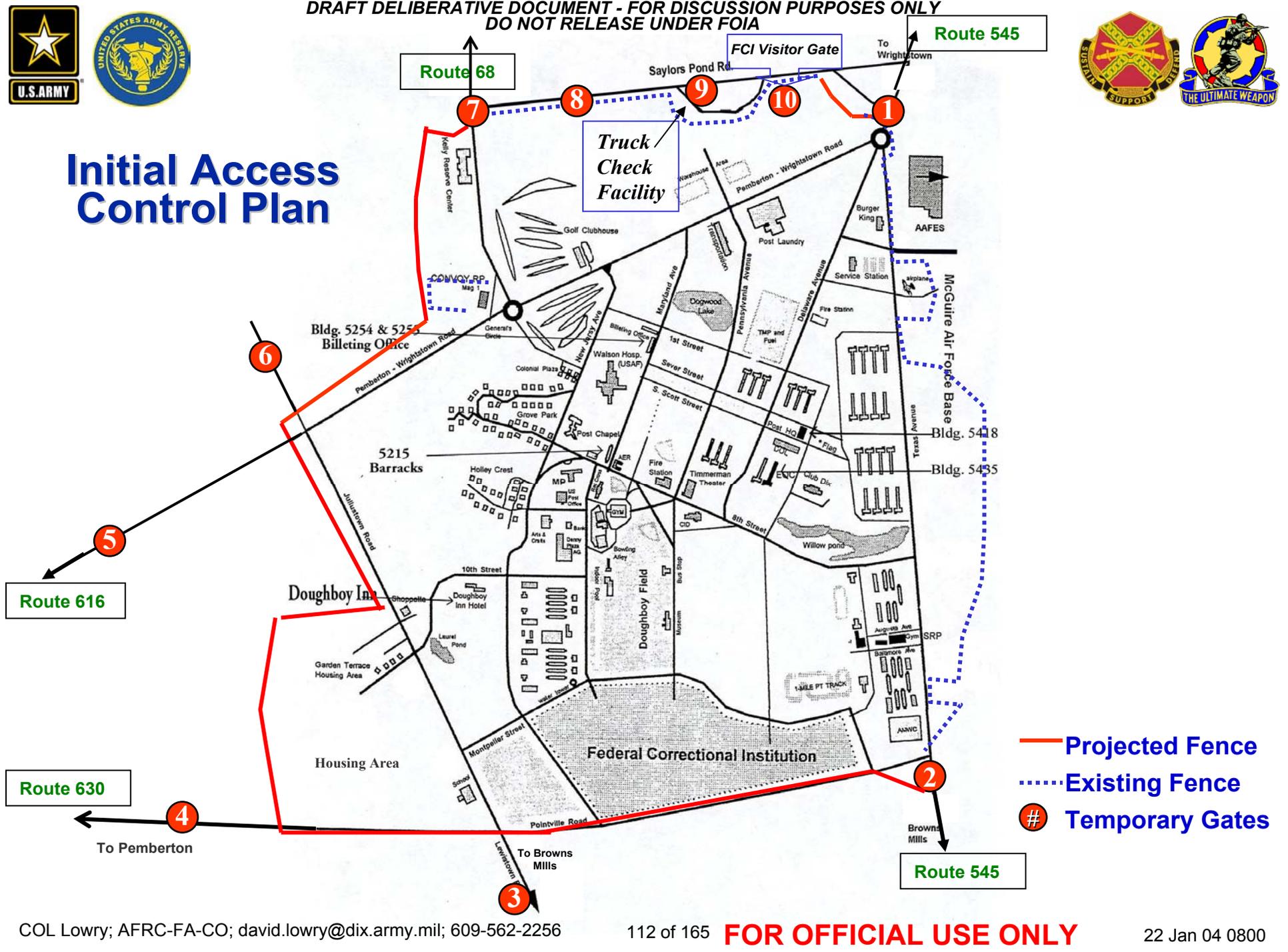
Mega-Base Intelligence Sharing Process



Information reporting and dissemination process



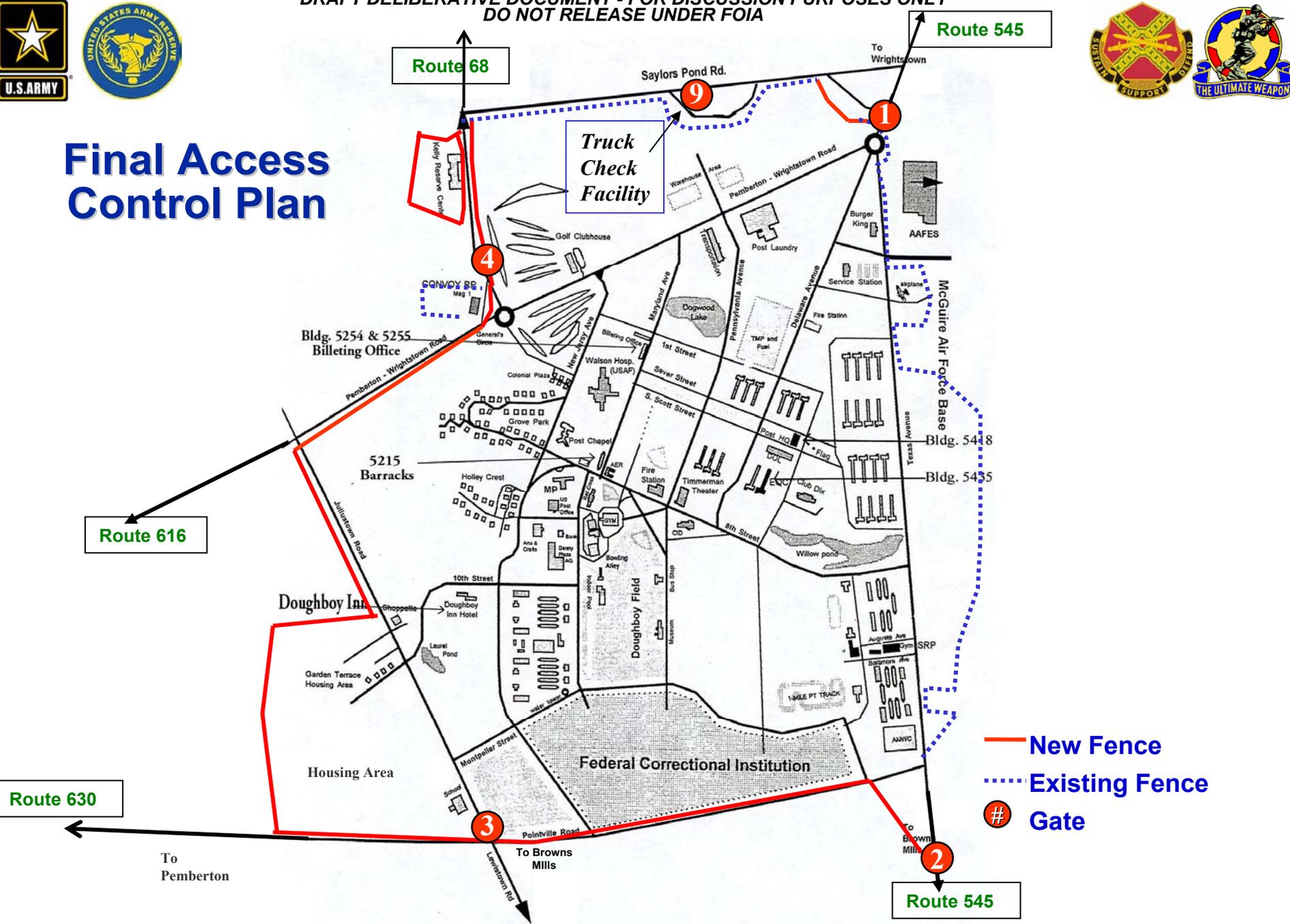
Initial Access Control Plan



- Projected Fence
- - - Existing Fence
- # Temporary Gates



Final Access Control Plan





CURRENT



Privatization



Utilities Privatization



- **Completed**

- Natural gas system - May 95 to Public Service Electric & Gas
- Electrical Distribution System - April 96 to Jersey Central Power & Light

- **Pending**

- Water filtration plant, Wastewater Treatment Plant
 - Supports Fort Dix and McGuire AFB
 - Defense Energy Support Center working contract issues, to be advertised in FY04



Commercial Activities Studies (A-76)



<u>Activity</u>	<u>Decision Date</u>	<u>Implementation Date</u>	<u>Results / % of Positions</u>
Kelly Support Facility Oakdale, PA	30 Nov 00	01 Oct 01	In-house win / retained 60%
Devens Reserve Forces Training Area, Devens, MA	04 Dec 02	01 Oct 03	In-house win / retained 71%
Fort Dix (Phase 1) – DPW & DOIM	05 Sep 03	01 Oct 04	Contractor Win
Fort Dix (Phase II) – FPD, DOL, DRM, MPD, DOC & Special Staff	05 Sep 03	01 Oct 04	In-house win / retained 78%



Other Contracted Services



- Dining facilities
- DS/GS maintenance - Kelly Support Facility, Fort Indiantown Gap
- Network Ops
- Training Support Center (TSC)
- Recycling
- Portable Latrines



FUTURE



Future Missions Supporting Transformation



Capacity to Expand



Fort Dix could support additional forces/missions/personnel:

- **Housing – space for additional 200 - 600 units (depending on density)**
- **Water – 45% additional expansion capacity (2.0 million gallons/day)**
- **Waste Water Treatment – 35% additional expansion capacity (1.6 million gallons/day)**
- **Gas – unlimited expansion capacity**
- **Electricity – 63% additional expansion capacity (15,918 additional personnel)**



Capacity to Expand



Fort Dix could accommodate the stationing of:

- Major TDA Headquarters
 - Walson Hospital available for renovation
 - Plenty of space in the cantonment area to build new facilities
- TRADOC Proponent School
- Forces redeploying from Europe and Asia
 - Heavy maneuver NOT recommended
 - Light units (Dix would be an ideal location for a Light Warfighting Center)
 - Combat Support/Combat Service Support units (i.e., Transportation, Military Intelligence)
 - EAD/EAC units (i.e., Signal Brigade, MP Brigade, Corps Support Command, Theater Support Command, etc.)
- Stryker Brigade



Stryker Brigade Range Requirements



Fort Dix could support the stationing of an Army National Guard Stryker Brigade

- **Combat Pistol (O)**
Qualification Course (O)
- **Modified Record Fire (O)**
- **Multi-Purpose Machine Gun (O)**
- **Sniper Field Fire (O)**
- **Grenade Launcher (O)**
- **MK-19 (O)**
- **Hand Grenade Qualification (O)**
- **Infantry Squad Battle Course (D)**
- **Infantry Platoon Battle Course (D)**
- **Live Fire Breach Facility (D)**
- **Live Fire Shoot House (D)**
- **Urban Assault Course (F)**
- **Combined Arms Collective Training Facility (D)**

O = Operational D = Designed F = Funded

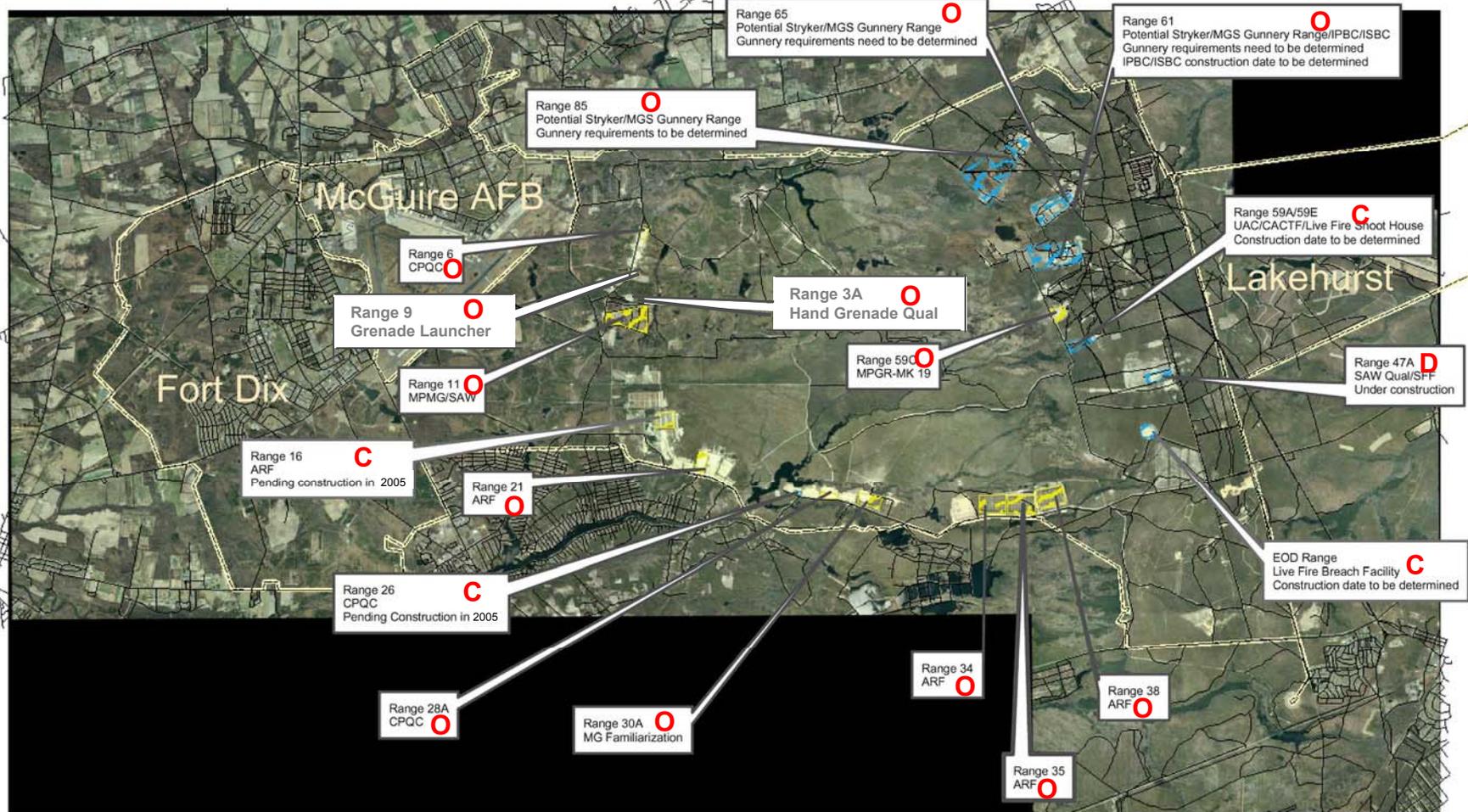


Ranges For Stryker Bde Training



Ranges in existence or scheduled to be built that will support a Stryker Brigade

O = Operational **D = Designed** **C = Under Construction**



Training Soldiers and Growing Leaders



BRAC Property



RE-USE CONCEPT: Walson Joint Training Center
(384,000 sq ft facility with 450 parking spaces – originally opened in 1960)

\$31.3M

Potential Tenants:

- MACOM
- Joint Inter-Agency Civil Support
- Any TRADOC proponent school
- Veterans Administration
- 98th Division (IT)
- 78th Division (Tng Spt)
- Soldier Readiness Check Site
- Homeland Defense Agencies

Potential Uses:

- Army Reserve Regional Readiness Cmd HQs
- Homeland Defense Medical Training
- Training by TRADOC
- General Administrative
- Mobilization Processing / CONUS Repl Ctr
- Medical Support
- Billets



Renovation costs (generic usage)

- Phase I (floors 1-4 & building envelope & utility system) **\$22.3M**
- Phase II (floors 5-9) **\$ 9.0M**

***Fort Bragg's WOMACK Army Hospital (same facility) currently undergoing renovation (over \$30M)
Cost comparison (adjusted for New Jersey) = \$35.6M (validates our current cost estimate above)***



Permanent Medical Facility Needed



- Fort Dix has no inherent Medical treatment capability
 - 874 active duty service members (serviced by McGuire Clinic)
 - 1150 active duty family members (serviced by McGuire Clinic)
 - 4,995 Reserve Soldiers Training daily (serviced by Mills Clinic)
 - 200 Medical Holdovers (PAHC, SRC, 7238th IMSU, and 4219th USAH)
 - Peaked at 6,700 Transient mob/demob Soldiers during FY03
 - McGuire AFB Medical Clinic provides **lab and X-ray services only** for mobilizing Soldiers
- Fort Dix fits the concept of an “Enduring Mobilization Station” and should be fully resourced to fulfill this **CONTINUOUS mission**



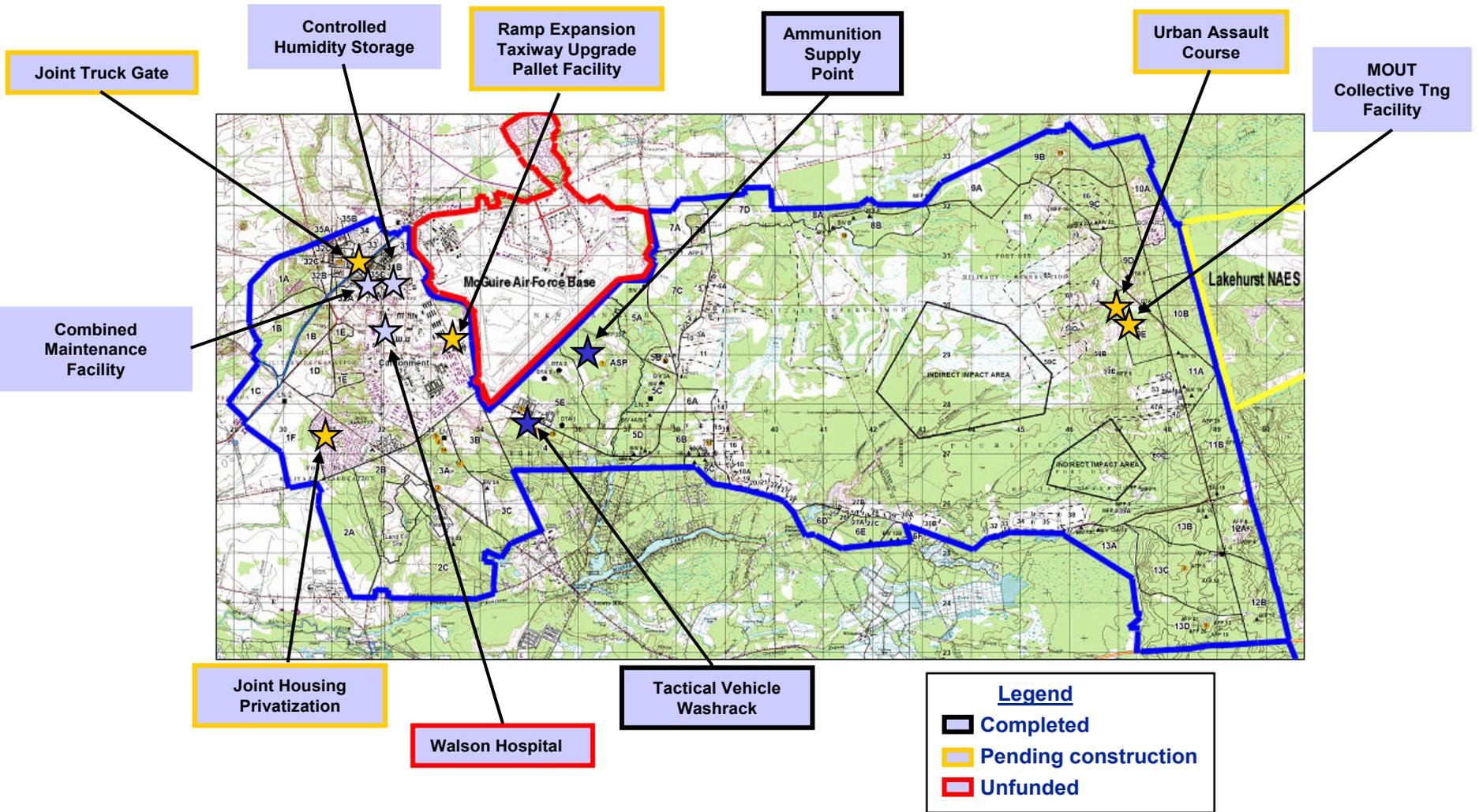
FUTURE



Fort Dix Master Plan MILCON Joint Projects



Fort Dix Joint Investment Plan



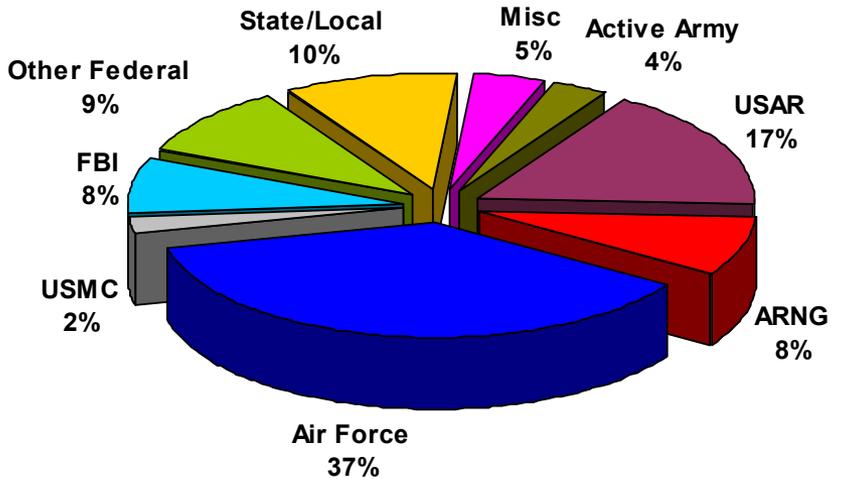
Training Soldiers and Growing Leaders



Funded & Future MILCON Projects



Current MOUT Facility Usage (FY 97 – FY 03)



Total 7 Year Usage (Training Events) - 760

Funded Urban Assault Course (UAC)

\$2.7M

- 5 training stations

Future MOUT – Collective Tng Facility

\$13.0M Phase I

\$13.4M Phase II

- 24 buildings
- Mock airfield
- After Action Review building

Additional Project

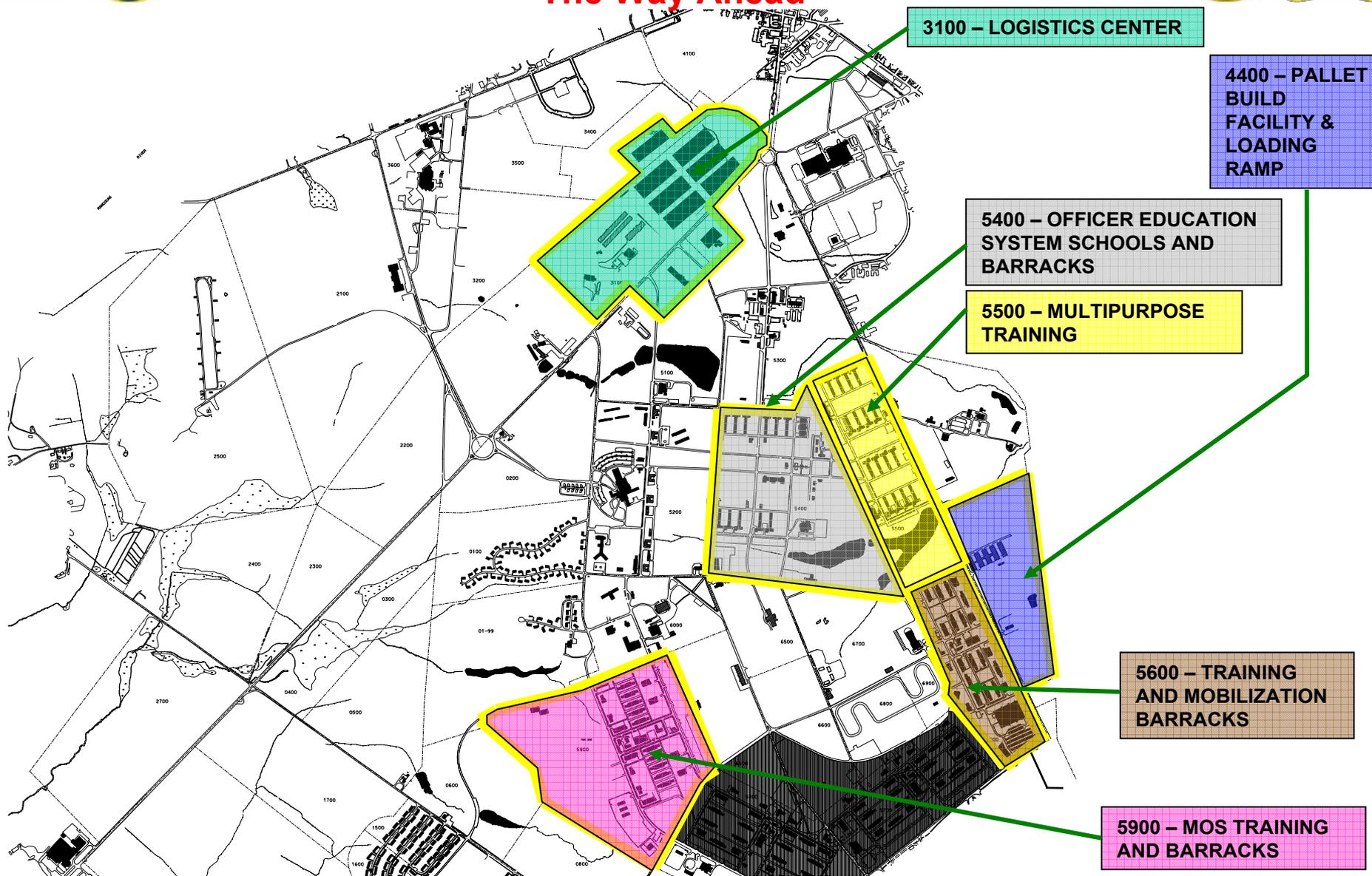
Live Fire Shoot House/Live Fire Breach Facility \$1.9M

Partnership w/ Picatinny Arsenal – MOUT future use includes “proof of principle” testing and evaluation of emerging weapon technologies – included in the design



Cantonment Area

The Way Ahead



Training Soldiers and Growing Leaders



3100 Area Plan



Existing

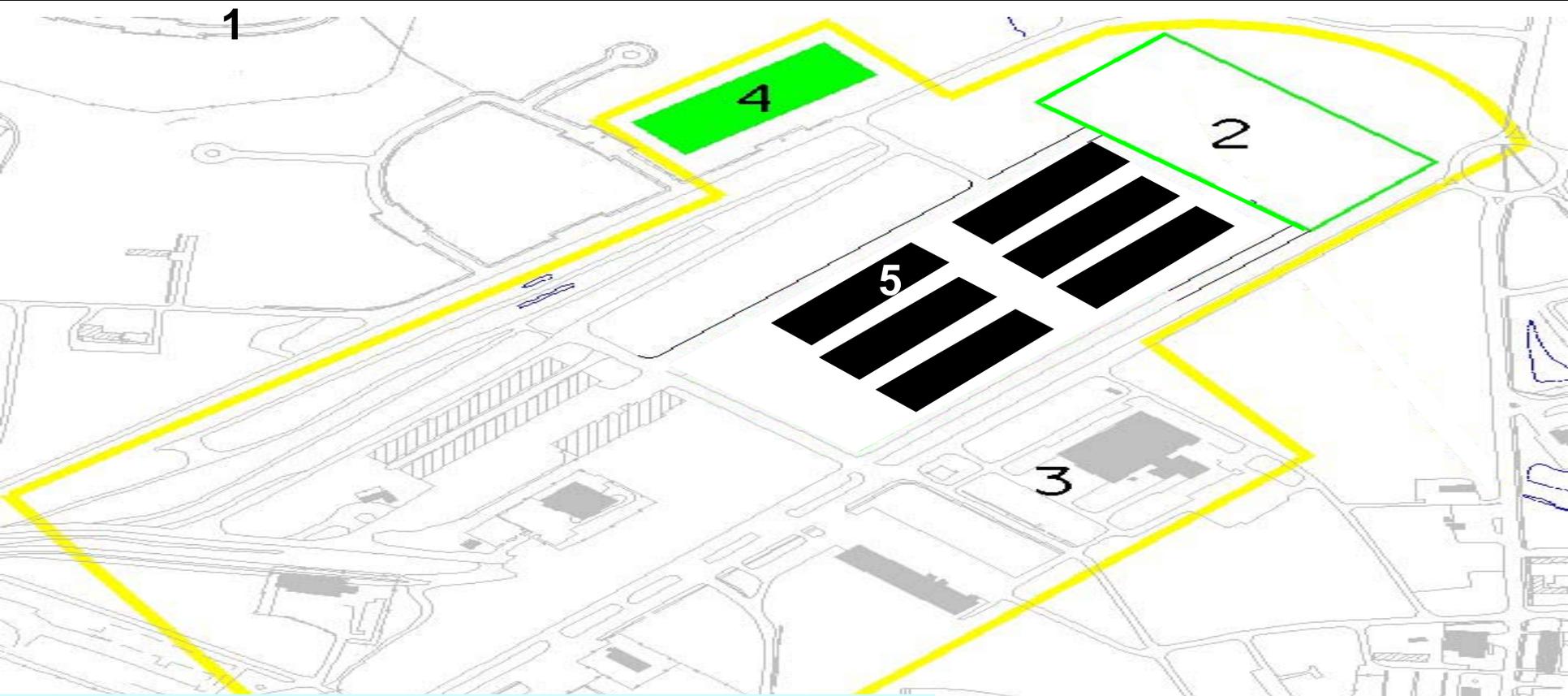
- Joint Truck Gate
- Transportation – 5139 and 5132
- Weapons Repair – 3109
- Cold Storage – 3140
- Warehouses – 3136 and 3137

Proposed

- Relocate Transportation Motor Pool (TMP)
- General Purpose Warehouse
- Combined Maintenance Facility
- Controlled Humidity Storage 800,000 sq. ft (4 - 6 buildings)



3100 Area Plan



- Area 1 - Joint Truck Checkpoint**
- Area 2 - Transportation Motor Pool**
- Area 3 - General Purpose Warehouse (former laundry)**
- Area 4 - Combined Maintenance Facility**
- Area 5 - Controlled Humidity (Strategic Storage)**



Dix / McGuire Joint Truck Gate



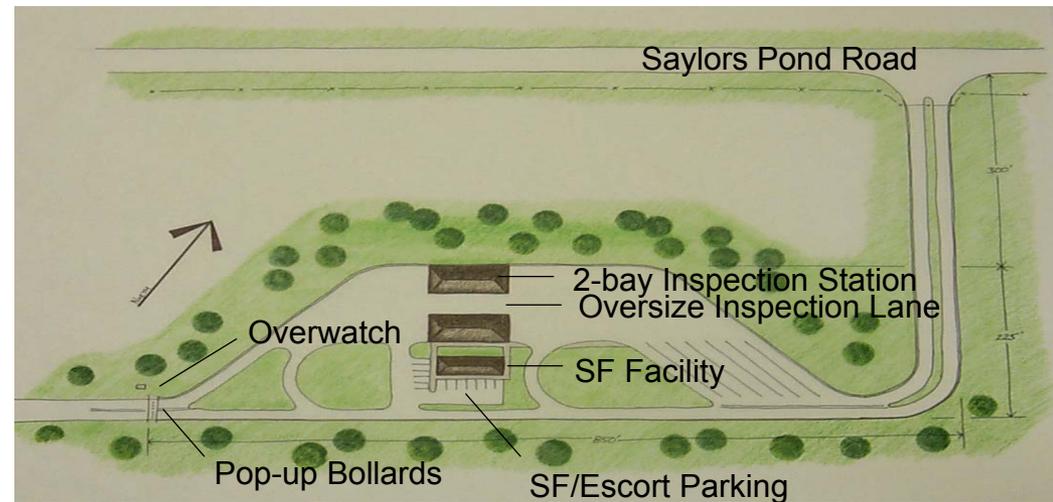
- **Current Checkpoint on Fort Dix inspects all commercial vehicles for both installations**

\$ 2.5M funded

- **Jointly staffed**

- **Volume**

- **Average 250 Trucks Per Day**
- **Anticipated (FY 04) up to 500 Trucks Per Day**



- **Just Arrived**

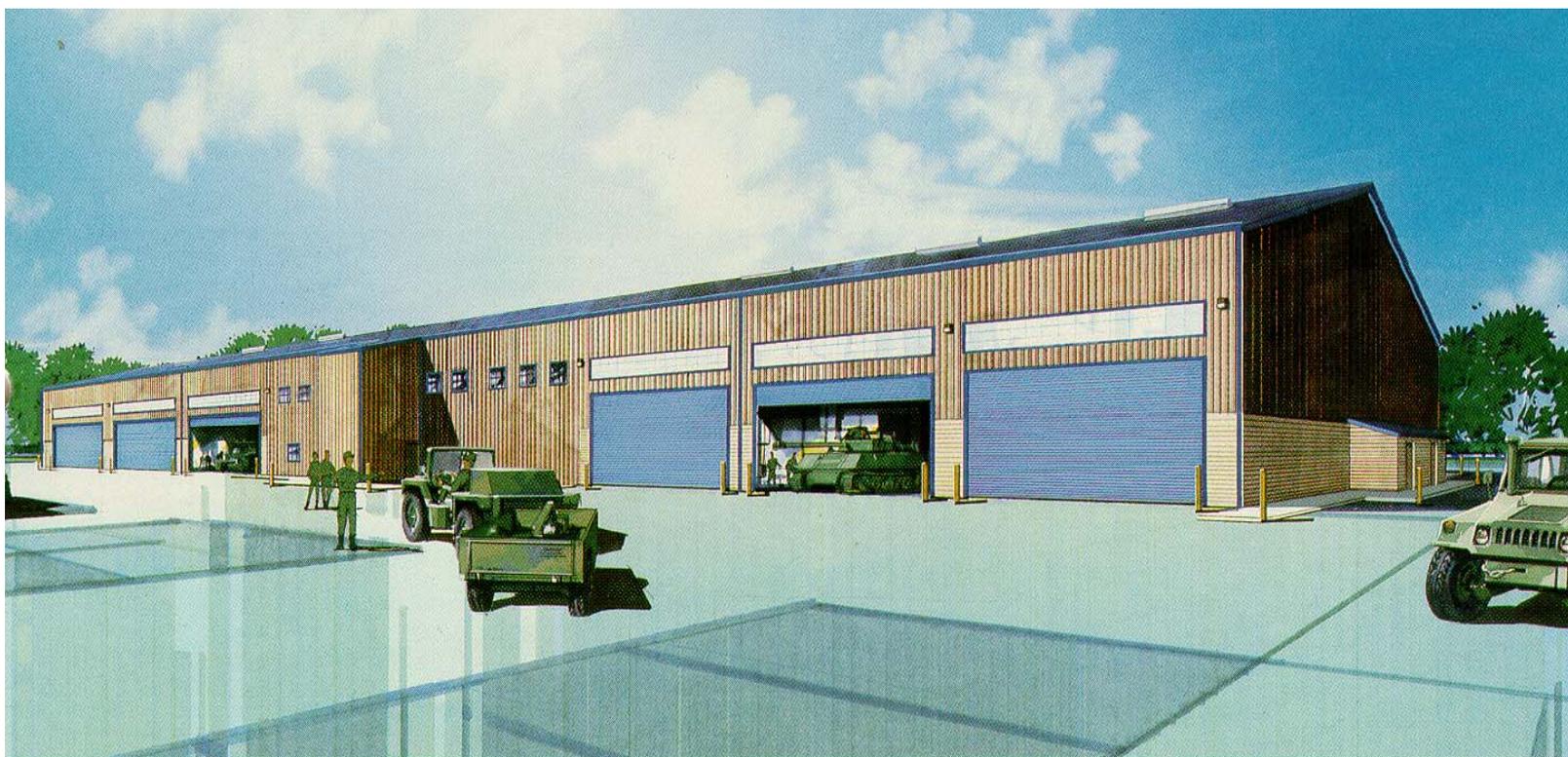
- **\$1.6M Vehicle and Cargo Inspection System (VACIS)**
 - **X-Ray**
 - **Portable**



Future MILCON Projects



- **Combined Maintenance Facility (Joint Use) **\$12.5M****
 - **Construct a new, state of the art, multi-bay maintenance facility with motor equipment parking**





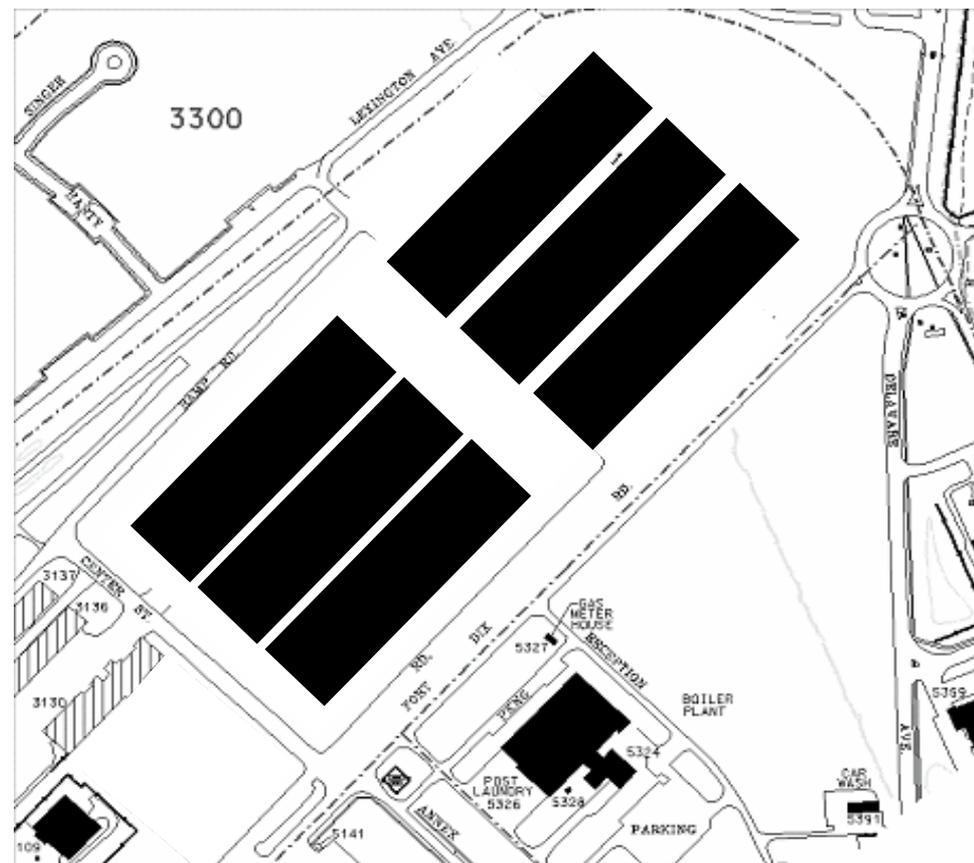
Future MILCON Projects



\$25.2M

- **Storage Complex - Controlled Humidity Facilities**

- USARC requirement - 6.6M sq ft
- Fort Dix requirement 800K sq ft
- Brick & mortar construction
- 4 to 6 bldg Storage Complex
 - Phase I – \$12.6M
 - Phase II – \$12.6M
- US Air Force interested in additional joint project





4400 Area Plan



Funded:

Pallet Build Facility

Loading Ramp

Repair Hotel Taxiway

Proposed:

Passenger Terminal

Convert Maintenance Facilities to Warehouse



Funded MILCON Projects (Joint)



- **Strategic mobility projects - Congressional add (FY02)**
 - **Ramp modifications** **\$ 6.0M**
 - Modify, expand and reinforce the existing ramp at the Dix airfield to accommodate two wide body aircraft (C-5 or C-17) for air deployment operations from Fort Dix
 - **Pallet facility** **\$ 4.5M**
 - 35,000 GSF central pallet building and operations facility for air deployment operations
 - **Taxiway repair/upgrade** **\$ 4.0M**
 - This project is on Air Force property - required to complete ASMP projects on Fort Dix
 - **Funded FY03**
 - **Contracts awarded Sep 2003**
 - **Est. completion Apr 2005**

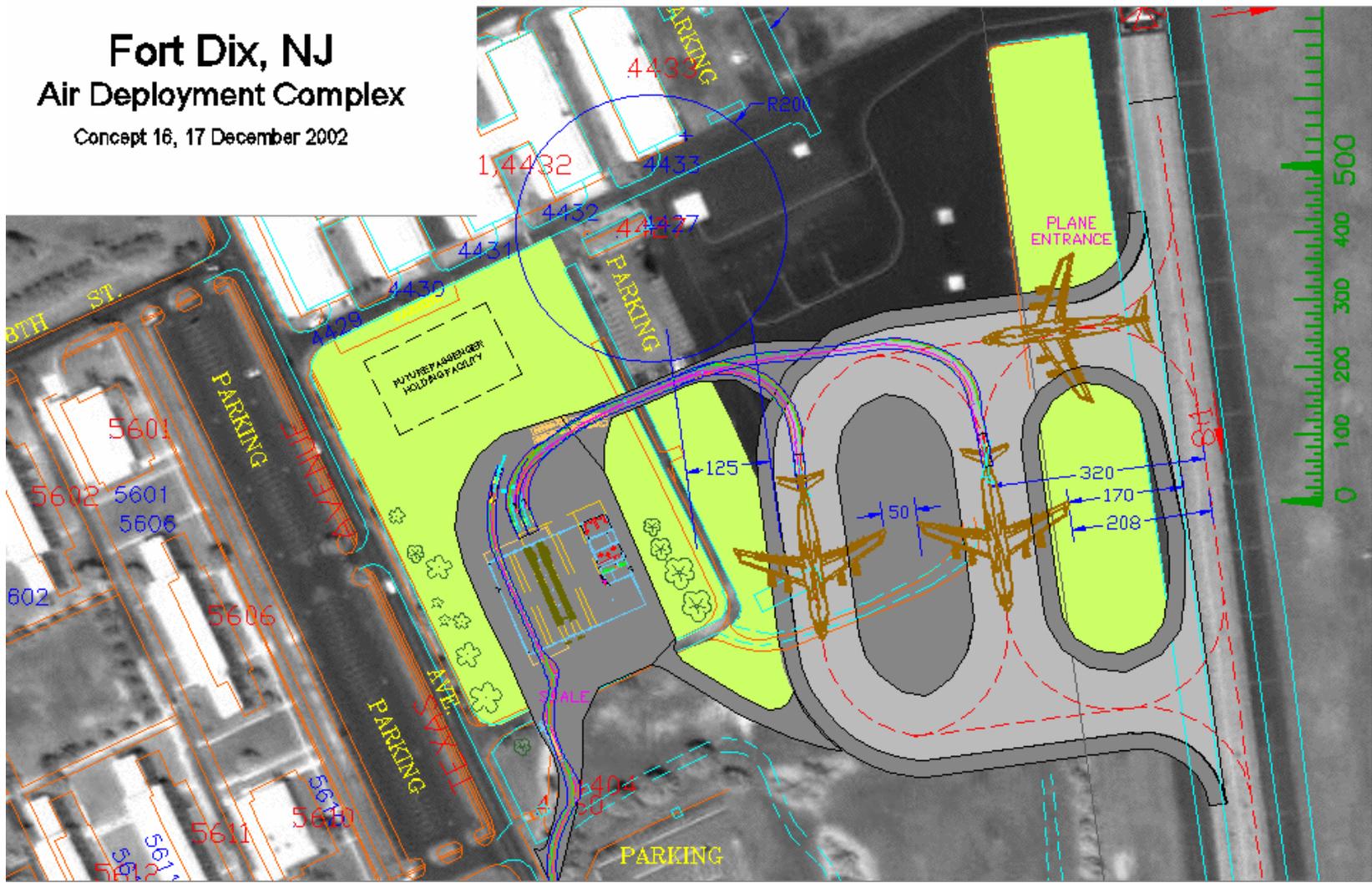
Complements McGuire AFB C-17 wing bed down in FY04



Fort Dix Airfield (Joint Use)



Fort Dix, NJ
Air Deployment Complex
Concept 16, 17 December 2002



Training Soldiers and Growing Leaders



5400 Area Plan



Funded:

Barracks (OES) – 5404, 5405 & 5406

Timmermann Center

Proposed:

Barracks (OES/Cadre) – 5401

Classrooms – 5402 & 5403

**Barracks Modernization (Permanent Party) – 5431, 5432, 5433
& 5434**

Dining Facility Modernization – 5434

New OES Dining Facility



Funded MILCON Projects



\$3.7M

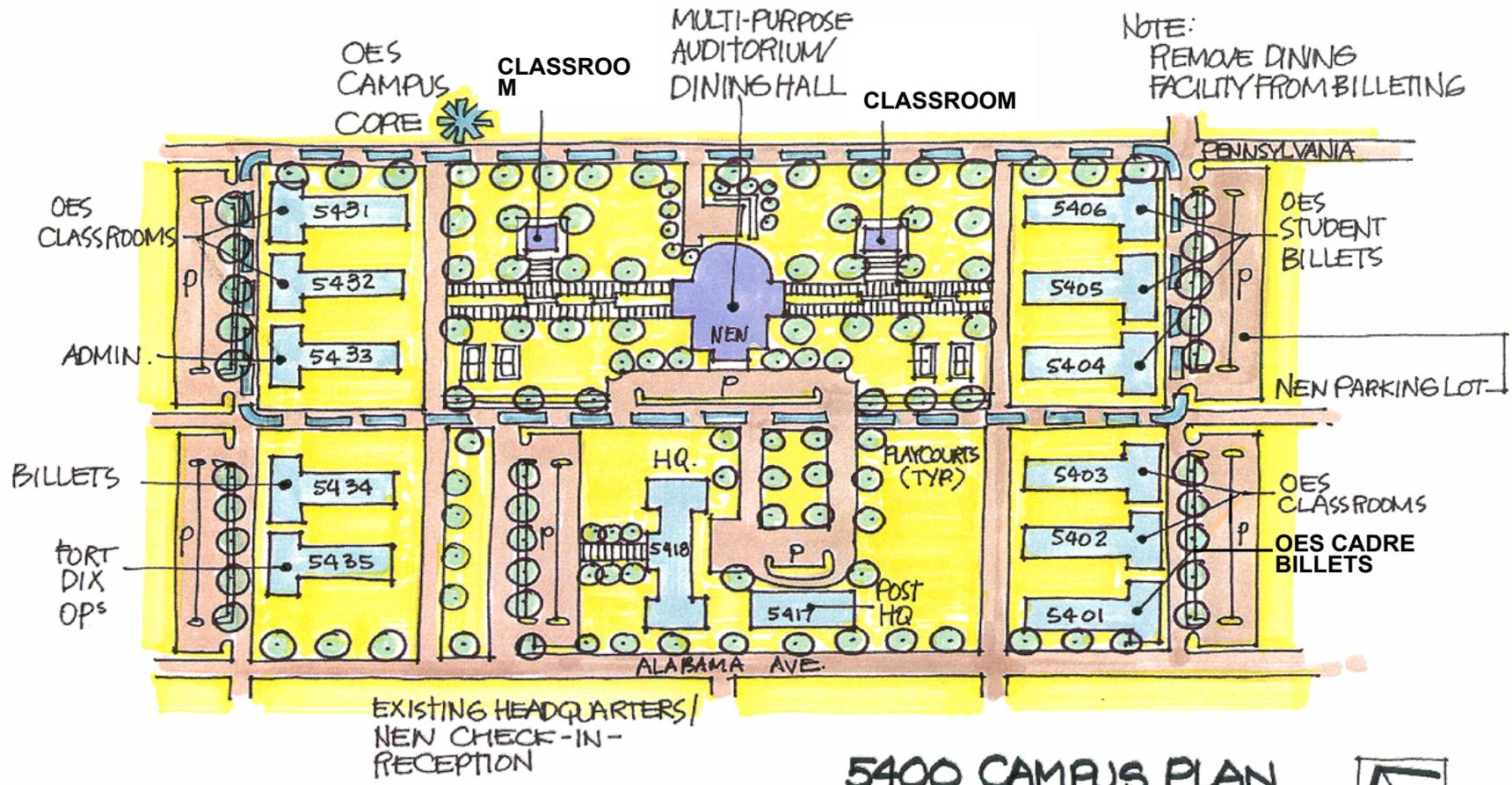


Timmermann Training Center renovation (\$3.7M)

- 500 seat auditorium with admin area and break-out rooms



5400 Area Proposal



5400 CAMPUS PLAN
CONCEPT "OES CAMPUS"



5500 Area Plan



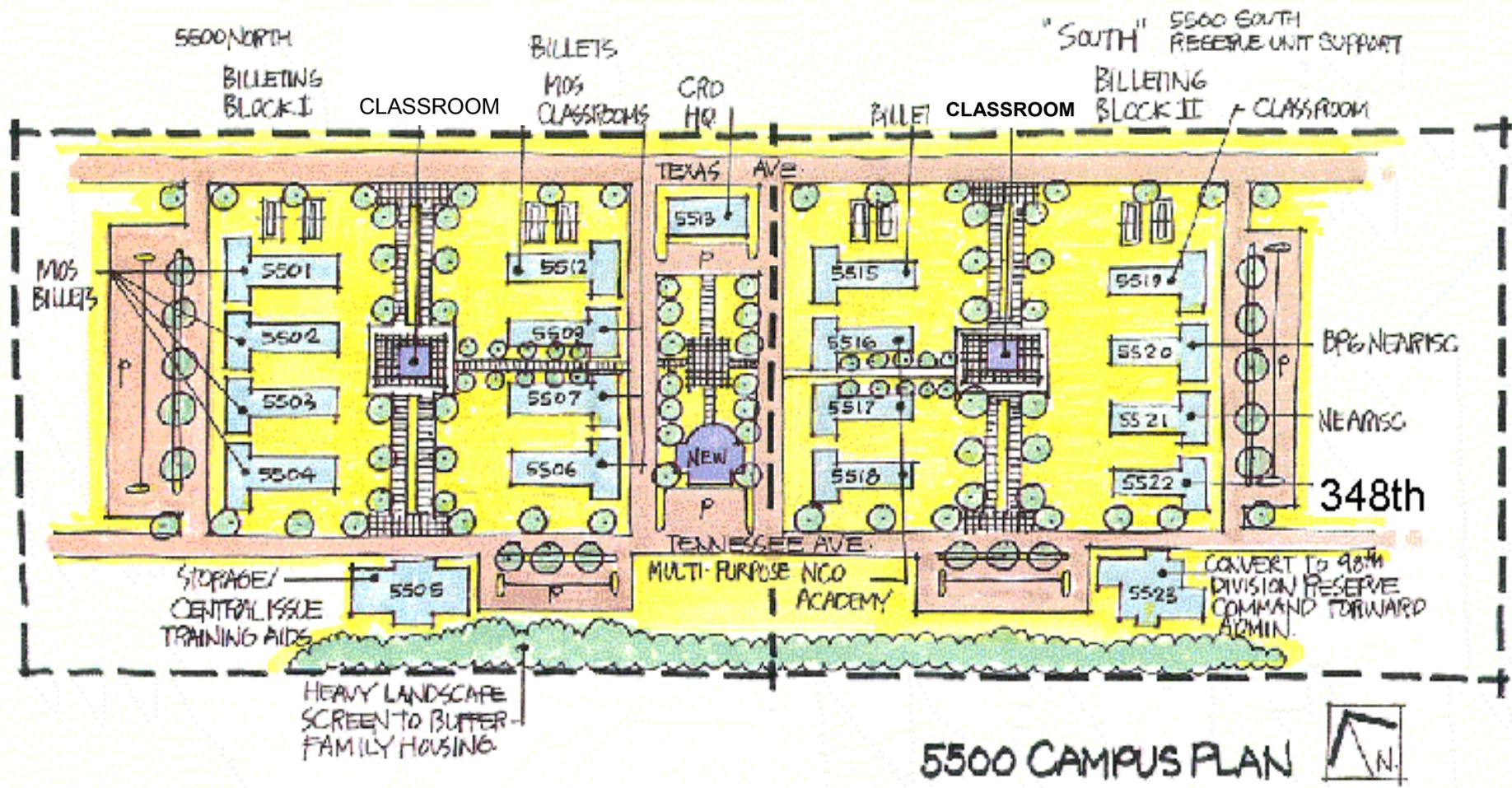
Proposed:

Barracks Modernization - 5501, 5509 and 5515

Improve Parking Areas



5500 Area Plan





5600 Area Plan



Proposed:

**Barracks (Training & Mobilization) Modernization -
5602, 5603, 5606, 5611, 5612, 5641, 5642 and 5646**

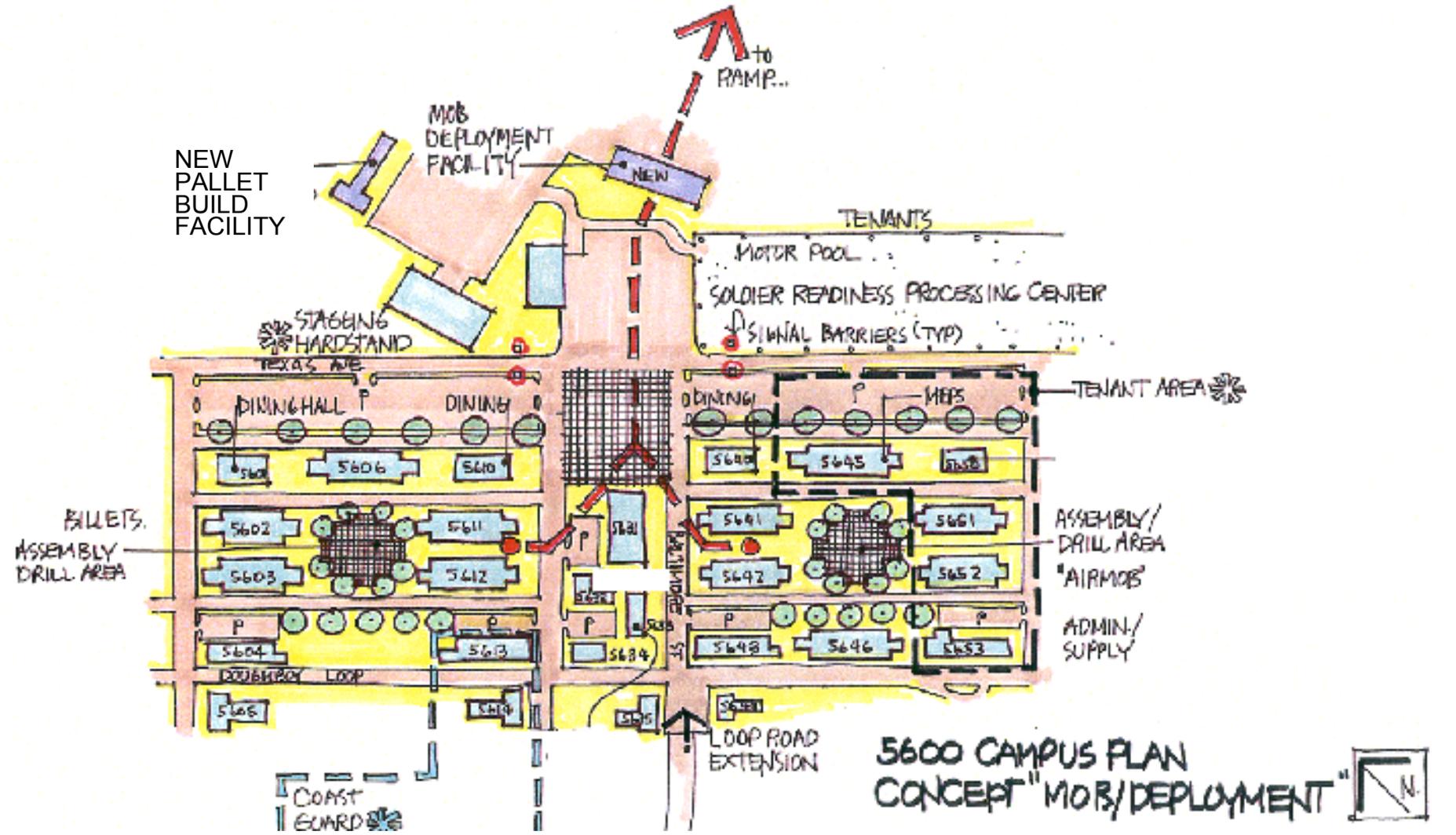
Physical Fitness Center - 5631*

Weapons Storage Facility - 5633*

*** Dependent on Walson re-use**



5600 Area Plan



Training Soldiers and Growing Leaders



5900 Area Plan



Proposed:

Classroom (MOS) - 5913, 5952 and 5989

Barracks (MOS) - 5990, 5991 and 5992

Barracks (MOS) - NEW

Barracks (Training) Modernization - 5910, 5911 and 5912

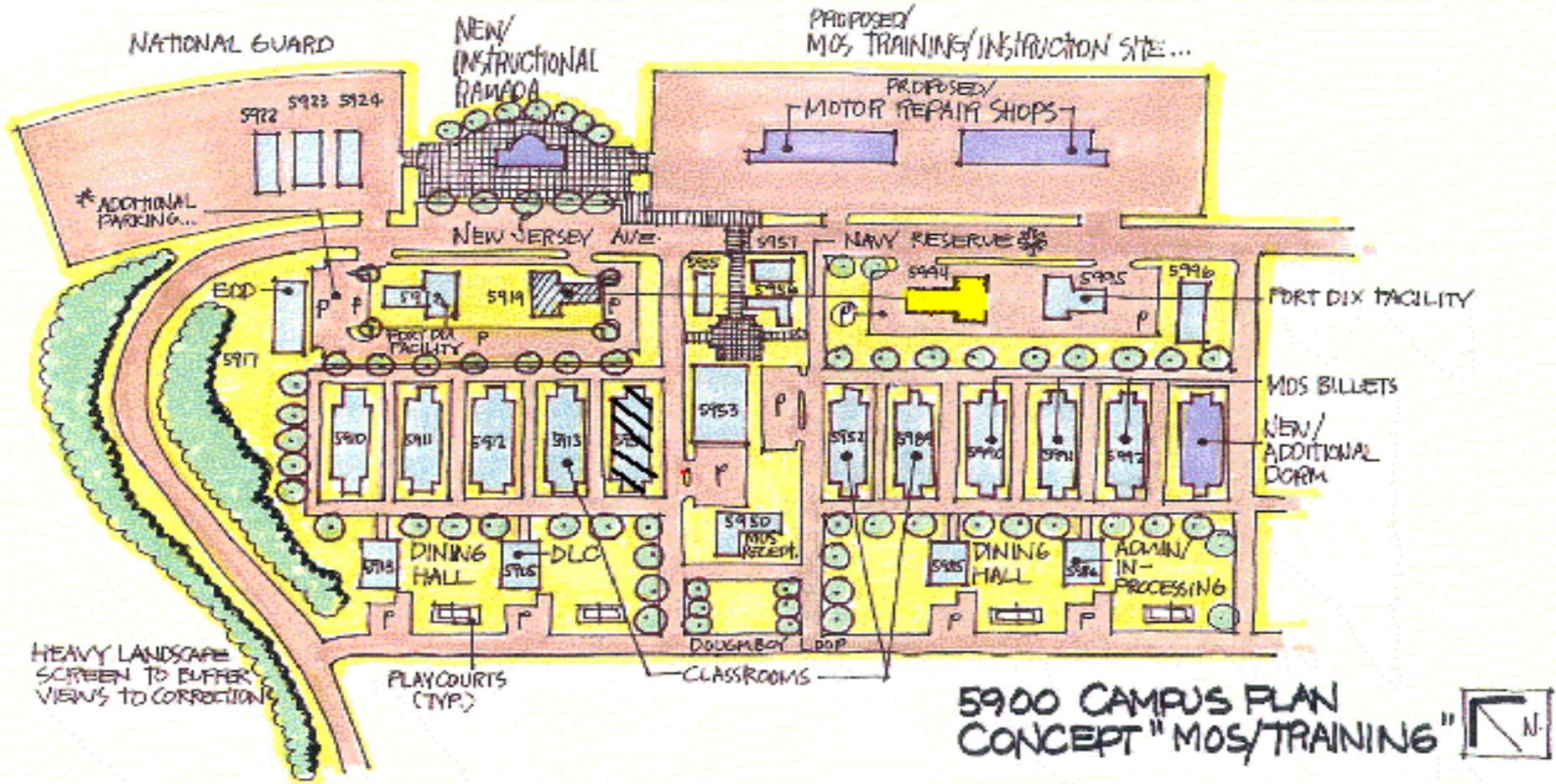
Maintenance Shops (MOS) – new

MOS Auditorium Facility - 5986

Dining Facility Modernization – 5904 and 5985



5900 Area Plan





Fort Dix MCAR Priority List



Pri	Disp	RRC/Inst	Project Name	Proj No	COST	
1	MCAR	Ft Dix	Combined Maint Facility	60294	12.500 \$M	
2	MCAR	Ft Dix	MOUT CTF Phase 1	60289	13.000 \$M	(FYDP FY09)
3	MCAR	Ft Dix	Storage Complex Phase I	61287	12.558 \$M	(FYDP FY09)
4	MCAR	Ft Dix	MOUT CTF Phase 2	60302	13.400 \$M	
5	MCAR	Ft Dix	Storage Complex Phase II	61288	12.558 \$M	
6	MCAR	Ft Dix	OES Classroom (2)	59996	10.400 \$M	(FYDP FY07)
7	MCAR	Ft Dix	Live Fire Exercise Shoot/Breach Facility	60294	1.900 \$M	
8	MCAR	Ft Dix	Barracks Upgrade School (1)	60030	6.700 \$M	
9	MCAR	Ft Dix	Modernize MOS School Barracks	60038	19.500 \$M	
10	MCA	Ft Dix	Walson Training Center Phase I	60293	22.300 \$M	
11	MCA	Ft Dix	General Purpose Warehouse	60033	7.000 \$M	
12	MCAR	Ft Dix	2 Vehicle Maintenance Shops	60029	4.100 \$M	
13	MCAR	Ft Dix	2 MOS School Vehicle Repair Shops	60010	4.100 \$M	
14	MCAR	Ft Dix	Modernize Barracks, 5431	60011	5.000 \$M	
15	MCAR	Ft Dix	Modernize Barracks, 5432	60012	5.000 \$M	
16	MCAR	Ft Dix	Modernize Barracks, 5433 & 5434	60013	10.000 \$M	
17	MCAR	Ft Dix	Modernize Barracks, 5602, 5603, & 5606	60014	15.000 \$M	
18	MCAR	Ft Dix	Modernize Barracks, 5611 & 5612	60015	10.000 \$M	
19	MCAR	Ft Dix	Modernize Barracks, 5641,5642,5646	60016	15.000 \$M	
20	MCAR	Ft Dix	Modernize MOS School, 5990,5991,5992	60045	20.000 \$M	
21	MCAR	Ft Dix	Construct New MOS Barracks	60018	8.000 \$M	
22	MCAR	Ft Dix	Construct OES Dining Facility/Auditorium	60051	6.000 \$M	
23	MCAR	Ft Dix	Modernize Barracks, 5501,5509,5515	60020	15.000 \$M	
24	MCAR	Ft Dix	Modernize MOS School, 5910,5911,5912	60046	21.000 \$M	
25	MCAR	Ft Dix	MOS Auditorium Addition, 5986	60022	800 \$K	
26	MCAR	Ft Dix	Modernize DFACs, 5904 & 5985	60023	3.000 \$M	
27	MCAR	Ft Dix	RETS Range (Record Fire)	61286	2.900 \$M	
28	MCA	Ft Dix	Walson Training Center Phase II	60322	9.000 \$M	
29	MCAR	Ft Dix	Fire Suppression & Alarm - Barnes Bldg	54605	4.250 \$M	

Training Soldiers and Growing Leaders



Fort Dix MCA (MWR), UMMCA, UMMCAR



Priority List

MCA (MWR)					
1	MCA	Ft Dix	New Child Development Center	54942	6.400 \$M
2	MCA	Ft Dix	Fitness Center - Add/Alt	16053	8.100 \$M
UMMCA (MWR)					
1	UMMCA	Ft Dix	School Age Services Center	54944	1.000 \$M
UMMCAR					
1	UMMCAR	Ft Dix	Clearwell for Surface Water Treatment	59902	1.250 \$M
2	UMMCAR	Ft Dix	Centralized Fire Station - Add/Alt	61474	2.500 \$M



Information Management Future Initiatives



- CIO/G6 Installation Info Infrastructure Architecture upgrade (Aug 04)
- Army Land Mobile Radio program (Dix as Hub) will be expanded to Letterkenny, Tobyhanna, Ft Monmouth, Picatinny, West Point, Aberdeen, Army Research Lab and Scranton AAP
- Fiber connectivity between Dix/McGuire/Lakehurst (\$3M project)
 - For operation of Army and AF activities on Lakehurst
 - Commercial circuits will be used until project is implemented
- Dix/Devens/Kelly move to Microsoft Active Directory in FY 04
- Range Projects
 - New cable (900 pair) and fiber for range
 - Cable 20% and fiber 30% complete
- Redundancy
 - Main (5321) and Alternate (5632) Network Operations Centers
 - With New Telephone Node (FY 05) Comm trunks will come from both Pemberton (new) and Wrightstown (existing)
- PEO Simulation Training and Instrumentation will model the range complex this FY for digitization requirements
- Web Based Installation Management System - provides AKO enabled ordering and provision of post resources and services



FUTURE



Joint Opportunities



Joint Housing Privatization



Fort Dix / McGuire AFB Joint Project

- Convey 2,364 housing units
 - 582 Army-owned
 - 1,782 Air Force-owned
- Requires 2,435 total housing units
- Includes provisions (and land) to increase the total number of units, if needed
- USAF to provide \$24.7M scoring funds
- Army provided \$2.66M to demo 164 excess housing units on Fort Dix
- Project duration 50 years
- Timeline
 - Release RFP in FY 04
 - Project award in FY 05



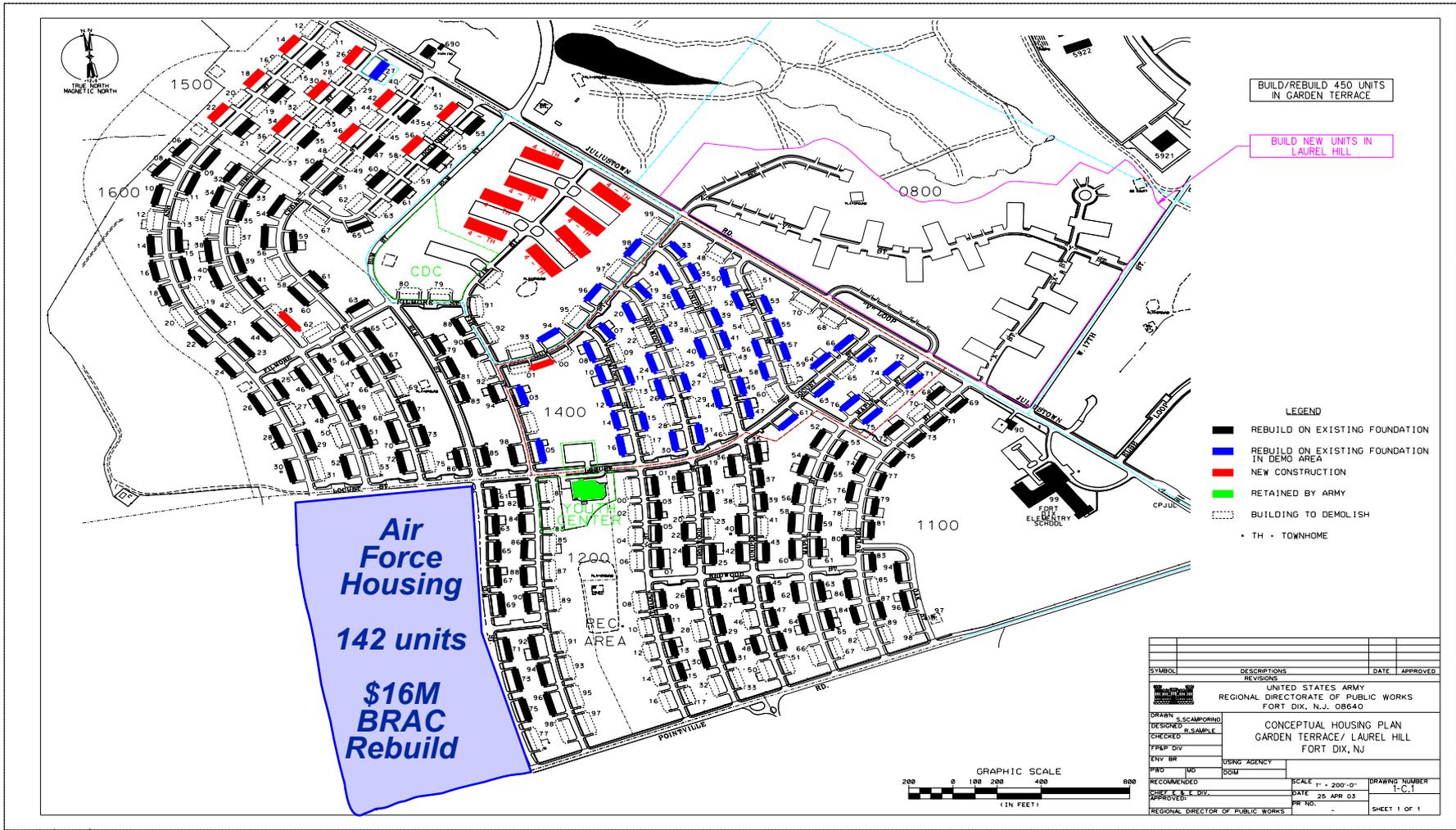
Existing



Proposed



Joint Housing Privatization



Training Soldiers and Growing Leaders



Joint Installation Partnership



Part of the Transformation of the U.S. Armed Forces

Objective

“We must promote a more entrepreneurial approach to developing military capabilities – one that encourages people to be proactive, not reactive, and to behave less like bureaucrats and more like venture capitalists . . .”

**Secretary of Defense, Donald Rumsfeld,
Speaking on “21st Century Transformation of the U.S. Armed Forces”
National Defense University, Ft. McNair, Washington D.C., 31 Jan 02**



Training Soldiers and Growing Leaders



Joint Installation Partnership



What is it?

- **A “business alliance” between Fort Dix, NAVAIR Lakehurst, McGuire AFB**
 - **Similar to civilian corporate alliances**
 - **Capitalizes on unique geographic orientation, complimentary capabilities, current mix of mission enhancing/compatible tenants, & proven track record of successful partnerships across traditional base boundaries**
 - **Preserves each organization’s autonomy, identity**
 - **Endorsed by each service & installation commander**
 - **We already engage in numerous “Joint Installation Partnership” initiatives**



Joint Installation Partnership



What is it?

- 3 bases, 3 commands, common borders and a common vision
- Increases mission effectiveness
 - Tenant organizations have access to 3 bases' capabilities
- Increases mission efficiency
 - Reduced infrastructure costs through innovative partnering
- In line with SecDef's *“transformation”*
- Been in practice for years at the working level
- In need of formal recognition & command oversight





Summary



Summary



Draft Selection Criteria - Military Value

1. The current and future mission capabilities and the impact on operational readiness of the DoD's total force, including the impact on joint warfighting, training, and readiness

- **Fort Dix is already a joint installation! Can it be MORE joint? YES!**
- **Contiguosness of Dix-Lakehurst-McGuire presents tremendous joint training opportunities to enhance joint warfighting and the readiness of America's Armed Forces**
- **Joint opportunities abound based on the inherent expansion capability of existing land and infrastructure combined with the availability of training areas and ranges**
- **Annually, Fort Dix trains more Reserve Soldiers and their units than any other military installation (FY03 = 1.8M mandays) – result is an immeasurable positive impact on unit readiness**
- **Demographics demand a North East regional training center for these Soldiers based on high density of National Guard and Army Reserve units in the NE**
- **No other military installation in the region can fully support this current training mission**
- **Proximity to extensive regional transportation networks (Air, Sea, and Rail) make Dix-Lakehurst-McGuire a smart investment for future joint initiatives**



Summary



Draft Selection Criteria - Military Value

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

- Contiguousness of Dix-Lakehurst-McGuire presents joint training opportunities with over 42,000 combined acres surrounded by 58,000 usable wildlife management acres
- Fort Dix has over 30,000 acres including 14,000 contiguous training acres capable of company level force-on-force maneuver operations - minimal encroachment issues
- Fort Dix has sixty-one active firing ranges capable of firing all small arms, mortars, artillery up to 155mm, tank gunnery ranges and aerial gunnery ranges
- Additional admin space and facilities are available (Walson) to support future homeland defense missions and support for the training of government agencies and Armed Forces
- FY03 training area (74%) and range (43%) usage numbers demonstrate Fort Dix capacity to accept additional units and missions - - meanwhile, Fort Dix mobilized over 12,000 Reserve Soldiers during FY03 while simultaneously training 1.8M mandays (most mandays completed in over two decades)



Summary



Draft Selection Criteria - Military Value

3. The ability to accommodate contingency, mobilization, and future total force requirements at both existing and potential receiving locations to support operations and training

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- Fort Dix is America's #1 mobilizer of Soldiers and their units (over 23,000 mobilized and 13,000 demobilized since Sep 11, 2001)
 - More Soldiers and their units are aligned to mobilize through Fort Dix than any other military installation
 - The past 2 years in a row, Fort Dix won the Army Chief of Staff's Deployment Excellence Award
 - In FY03, Fort Dix provided excellent stewardship of \$35.9M contingency funding
 - Contingency contracting is expertly handled by the Army Reserve's Contracting Center of Excellence – arguably Fort Dix's best tenant/partner



Summary



Draft Selection Criteria - Military Value

4. The cost of operations and the manpower implications

- Annual cost of operating Fort Dix - \$101.2 million
- The annual cost to DoD to operate Fort Dix has decreased since the first round of BRAC in 1988
- Tenants and customers support Fort Dix by paying for services provided in the form of reimbursable expenses
- Additional benefit of having other government agencies as tenants:
 - Annually, Fort Dix achieves a cost avoidance of over \$3M from the inmate labor programs that provide grounds maintenance and janitorial services
 - These programs are not funded by DoD, but by the Department of Justice (Federal Bureau of Prisons) and the State of New Jersey
- Additional tenants like New Jersey Challenge Youth provide additional daily headcount to installation dining facilities and support their continued operation
- Whole-base Commercial Activities Study announced 5 Sep 03 will achieve a cost savings of \$23.1M over the next five years



Summary



Draft Selection Criteria – Other Considerations

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

- Annual cost of operating Fort Dix - \$101.2 million
- Cost to clean up Fort Dix - \$1.3 billion (estimated)
- Based on the numbers above, it would take at least thirteen (13) years from completion of closure to achieve significant savings
- Cost of moving existing mission and tenants to new locations = UNKNOWN
- Additional cost of travel for military forces to train elsewhere = UNKNOWN



Summary



Draft Selection Criteria – Other Considerations

6. The economic impact on existing communities in the vicinity of military installations

- Annual economic impact of Fort Dix - \$902.4 million
- Devastating negative impact to the small communities of Wrightstown, Browns Mills, and Pemberton
- Total population of the surrounding communities is less than 40,000 (Census 2000)
- Neighboring communities are mostly agricultural and have extremely limited options (very few other local industries) to fall back on and would not be able to absorb even a small portion of the 3,700 lost civilian jobs
- Dix-Lakehurst-McGuire are in the middle of the “Garden State” portion of New Jersey
- Military installations are Burlington County’s largest employer



Summary



Draft Selection Criteria – Other Considerations

7. The ability of both the existing and potential receiving communities' infrastructure to support forces, missions, and personnel

- Local housing market currently has limited ability to support additional personnel (agricultural community)
- Joint housing privatization initiative (McGuire & Dix) should enhance ability to adjust to changes in military force structure/stationing decisions
- Pemberton school district:
 - Fort Dix Elementary (on-post)
 - Excess high school capacity (off-post -1,400 students in a 2,000 student facility)
 - Funded for a new \$25M pre-school center (off-post - 540 student facility)
 - School district already has plans to build a second early childhood development center



Summary



Draft Selection Criteria – Other Considerations

8. The environmental impact, including the impact of costs related to potential environmental restoration, waste management and environmental compliance activities

- **Bottom line: the continued operation and/or future expansion of missions at Fort Dix will have very limited adverse environmental impact due to the sand/loam nature of soils and small number of endangered/threatened species**

- **Total environmental cleanup cost - \$1.3B (estimated)**

- **Proactive measures adopted by the installation co-opt emerging environmental issues before they become significant**
 - **Environmental awards (2001 and 2002 Secretary of the Army Environmental Award Program)**
 - **Secretary of the Army award in 2003 for conservation and energy reduction**
 - **State of the Art Hazardous Waste Storage facility**
 - **Proactive and effective communications with New Jersey regulatory agencies**



FUTURE



Fort Dix needs:

- **DoD to champion a formal Joint Installation Partnership between Dix-Lakehurst-McGuire to consolidate installation services and save \$\$\$**
- **A permanent Medical Facility**
- **DoD to champion joint MILCON projects**

Fort Dix can accommodate the stationing of:

- **Major TDA Headquarters (plenty of space to build)**
- **TRADOC Proponent School**
- **Forces redeploying from Europe and Asia**
- **Stryker Brigade**



FUTURE



Dix

Lakehurst

McGuire



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Transforming Toward Jointness

QUESTIONS?