

DCN: 11854



US Army Corps
of Engineers



U.S. ARMY PRIME POWER SCHOOL

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249th Engineer Battalion
(Prime Power)

Glen

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US Army Prime Power School

<https://pps.belvoir.army.mil>

Preparations to Conduct Three Classes per Year Overview

Objective: 249th = 120% strength

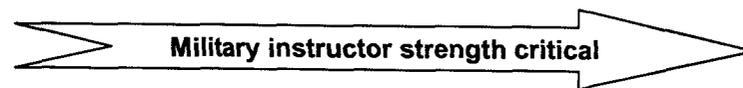
3rd Company Stands-up
SEP 08 ACTIVATION

Functional Areas	FY05	FY06	FY07	FY08	FY09	FY10	FY11
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Funding:	TFNC MDEP						
06-11 POM / PF3.0:		2.818M	3.049M	3.071M	3.157M	3.247M	3.328M

Manning /	Mil: 10	Mil: 10					
Organization	Civ: 25	Civ: 26					

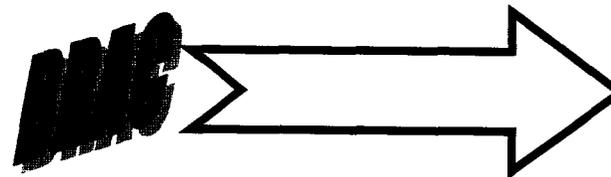
Org Review



Equipping /	DPGDS						
Modernizing	Test Equipment / Training Aids						

Facilities /	FT Belvoir Master Plan						
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Environmental	Emissions Standards						
Training	CTL Reviews						



Curriculums	POI Review Boards						
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Training							
Synchronization	Student In / out processing						

Readiness /	FRG / MOAs						
Quality of Life	Billeting	Graduation ceremonies					

Implementation Cost

	BRAC Net Cost	Actual Estimated Cost
	\$ 3.8 M (not defined)	
Construct new interior / exterior facilities to include supporting infrastructure (note 1)		\$ 20-30 M
Personnel: retention, relocation, and training (note 2)		\$.4 M
Transportation		\$ 1.8 M
TOTAL	\$ 3.8 M (not defined)	\$22.2 – 32.2 M

Note 1: 1391 for interior space alone is \$ 17 M, which does not include the added adjacent 12K sf of exterior training area for power plants & HV components. Area identified for PPS will additionally require infrastructure work (paved roads, installation of utilities, fiber optics, etc.)

Note 2: Personnel cost include PCS moves for employees relocating and initial training for new staff. This estimate could increase significantly if over hiring or filling vacancies at Ft. LW becomes a strategy to minimize non-conduct period.

Annual Recurring Savings

	BRAC Savings	Actual Recurring Estimated Cost / Savings
	\$.5 M / year (not defined)	
Decreased locality pay for civilian staff		\$ 150 K / year (Savings)
Increased Student PCS moves (note 1)		\$ 160 K / year (Cost)
BN Supported Training (note 2)		\$ 50 K / year (Cost)
TOTAL Savings	\$.5 M / year (not defined)	\$ 60 K (Net Cost) / year

Note 1: No longer co-located with elements of the 249th EN BN will add approximately 20 additional student PCS moves per year at an average cost of \$ 8 K / move.

Note 2: This estimate reflects present annual cost avoidance due to BN elements presently being co-located with the school (executive course, Reserve training and other training opportunities).

Net Savings / Cost Over 20 Years

	BRAC	Actual Estimated
	\$.9 M (not defined)	23.4-34.4 M

Prime Power Organization

12 AUGUST 2004

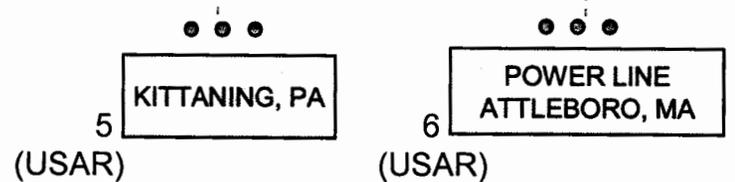
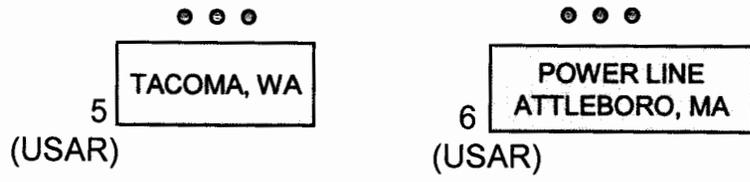
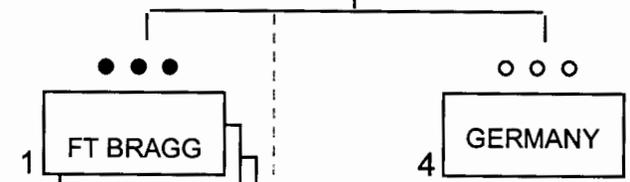
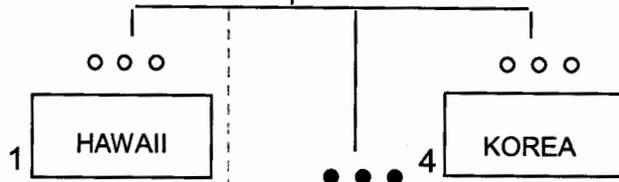
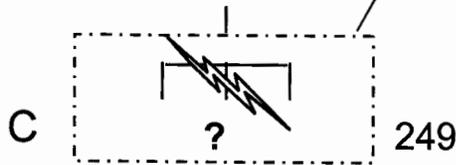
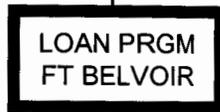
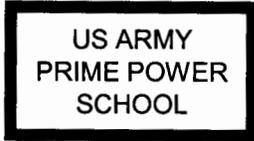


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"3 HATS"



USACE

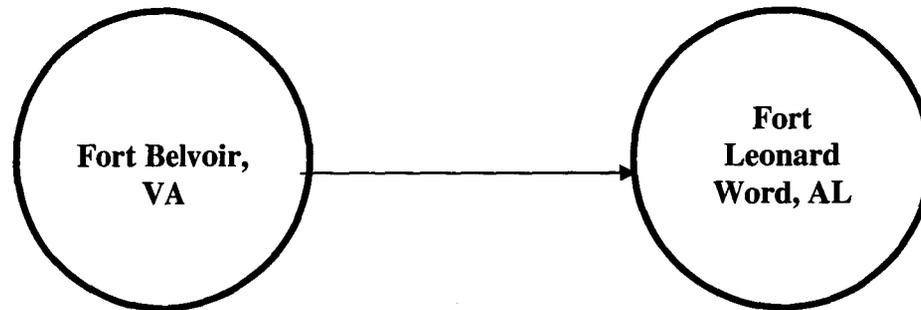


One Corps Serving the Army and the Nation

PRIME POWER TO FORT LEONARD WOOD, MO

REALIGN

Recommendation: Realign Fort Belvoir, VA, by relocating Army Prime Power School training to Fort Leonard Wood, MO.



SUBJECT: U.S. Army Prime Power School Realignment to Ft. Leonard Wood, MO IAW BRAC

1. **PURPOSE:** To address considerations for moving the US Army Prime Power School (PPS) from Ft. Belvoir to Ft. Leonard Wood, as recommended by the 2005 BRAC report.

2. **BACKGROUND:** The US Army PPS is a one-year long course located at Ft. Belvoir, Virginia, that provides both Soldiers and Sailors the knowledge and skills required to install, operate, and maintain medium voltage electrical power plants. Upon graduation, Soldiers are awarded the 21P MOS. The PPS is the sole producer of the 21P MOS, which is the primary enlisted MOS for the 249th Engineer Battalion (Prime Power). The Battalion was activated as the Army's only Prime Power Battalion in 1994. The PPS has always been co-located with the Battalion and the Battalion Commander has served as the PPS Commandant due to solitary relationship of the PPS to the Battalion. The PPS's staff & faculty consist of 36 (26 civilian, 10 military). Of the 36, 21 are instructors. The PPS currently conducts two courses per year but will be ramping up to three per year in 2007 based upon the increased need for 21Ps due to standing up Company C, 249th EB projected in 2008, and the proposed 21P requirement organic to two THAADs battalions.

3. **CONSIDERATIONS:**

a. **Space and facilities:** Interior (approx 80K sq. ft.) and Exterior (approx 12K sq. ft.) must be located adjacent to each other. Exterior includes installation of power plants, and other outdoors training areas. Ft. LW is presently planning for all new construction at TA 244.

b. **Impact upon teaching staff:**

1. Civilian: Assuming there will be a transfer of function an estimated 33% of instructor staff will relocate (04 of 13).

2. Military: Estimated 50% of trained staff (4 of 8) to PCS and others to be newly assigned staff requiring 3-6 month train-up

c. **Impact on BN Readiness, Training, Warfighting:**

1. 249th EN BN loses training flexibility and training opportunities presently available due to BN / PPS co-location. The initial stationing plan for C/249 was, in part, based upon the school's present location, which would result in minimal PCS cost for 30% of the graduating students and leadership flexibility in moving military cadre in and out of instructor positions. The stationing packet was returned by HQDA G3 for reconsideration due to the BRAC recommendations and TAA-13 impacts. The BN leadership is not considering moving the BN to Ft. Leonard Wood in order to maintain this advantage as this action would not further consolidate the BN with less overall turbulence and Ft. Leonard Wood is not a power projection platform. Additionally, this would not allow the Engineer Regiment flexibility in restructuring options due to potential TAA-13 and Army reset impacts.

2. Considerations about timing (FY08): The PPS's realignment is concurrent with the PPS's ramp up to conduct three classes per year, which supports the FY08 fielding of C/249. Realignment execution under the most favorable conditions will create an eight month non-

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conduct window allowing for movement and the time required to retrofit the teaching staff. This will result in 40 less 21Ps graduating, when 80 are required to meet the needs of C/249 activation and the remaining needs of the Battalion.

d. Command and Control: There are some advantages for USACE to retain control of the TFNC funding line as opposed to relinquishing control to TRADOC. Once the PPS is re-located to Ft. Leonard Wood, does it remain a COE asset and subsequently a Ft. Leonard Wood tenant, or fall under the USAES? For more than 30 years the USAPPS and USAES were co-located at Ft. Belvoir; however the COE has always retained command and control. The BN's mission stretches beyond power generation support of the war fighter. Disaster Relief support and generic electrical capabilities (commercial power systems repair, technical advice, COTR, etc.) are the result of a year long, knowledge based, 21P training program. In the event future training is limited to 21P critical individual tasks, this wide spectrum of electrical capability could be lost. This is a potential impact of declining manpower and funding, which could follow losing managerial control of resources.

4. **Way Ahead:** Initial coordination with Ft. Belvoir and Ft. Leonard Wood planners clearly indicates the BRAC report under estimated the implementation cost and environmental impacts associated with re-locating the school. The PPS will continue working with both installations to accurately identify implementation requirements.

Mr. Calamita/CEPPB-S (703) 806-4294

Prime Power w/out military savings

Year	Adj Cost	Mil Savings out	Non-mil NPV
2006	3,828,099	0	3,828,099
2007	1,884,696	0	1,884,696
2008	-450,612	207,370	-243,242
2009	-438,339	201,564	-236,775
2010	-426,400	195,920	-230,480
2011	-414,786	190,434	-224,352
2012	-403,488	185,102	-218,386
2013	-392,498	179,919	-212,579
2014	-381,807	174,881	-206,926
2015	-371,408	169,985	-201,423
2016	-361,292	165,225	-196,067
2017	-351,451	160,599	-190,852
2018	-341,879	156,102	-185,777
2019	-332,567	151,731	-180,836
2020	-323,509	147,483	-176,026
2021	-314,697	143,353	-171,344
2022	-306,125	139,339	-166,786
2023	-297,787	135,438	-162,349
2024	-289,676	131,646	-158,030
2025	-281,786	127,959	-153,827
	<u>-767,312</u>		<u>2,196,738</u>

Install	Msn			BOS		
	Off	EM	Civ	Off	EM	CIV
Belvoir	-1	-9	-25	-1	-1	-4
FLW						
Total	-1	-9	-10	-1	-1	-4
Salary	\$124,971	\$82,399	\$59,959	\$124,971	\$82,399	\$59,959
	-\$124,971	-\$741,591	-\$599,590	-\$124,971	-\$82,399	-239836

Karl's # = \$3.26M

**DRAFT Internal Document – Not for release under FOIA
Army Prime Power School**

(SLIDE 1)

Mr. Chairman, Commissioners. The Army Prime Power School trains soldiers and sailors in the installation, maintenance, and operation of medium voltage electrical power plants. This highly technical course is one year long. It has a low density of students – usually averaging less than 100 per year.

(SLIDE 2)

This proposal would move the Prime Power School from Fort Belvoir, VA, to Fort Leonard Wood, MO. The Engineer School – already at Fort Leonard Wood - is the proponent school for Prime Power.

(SLIDE 3)

The move has a small net savings but achieves the purpose of consolidating engineer courses at one location. In addition, new facilities would significantly improve safety and training.

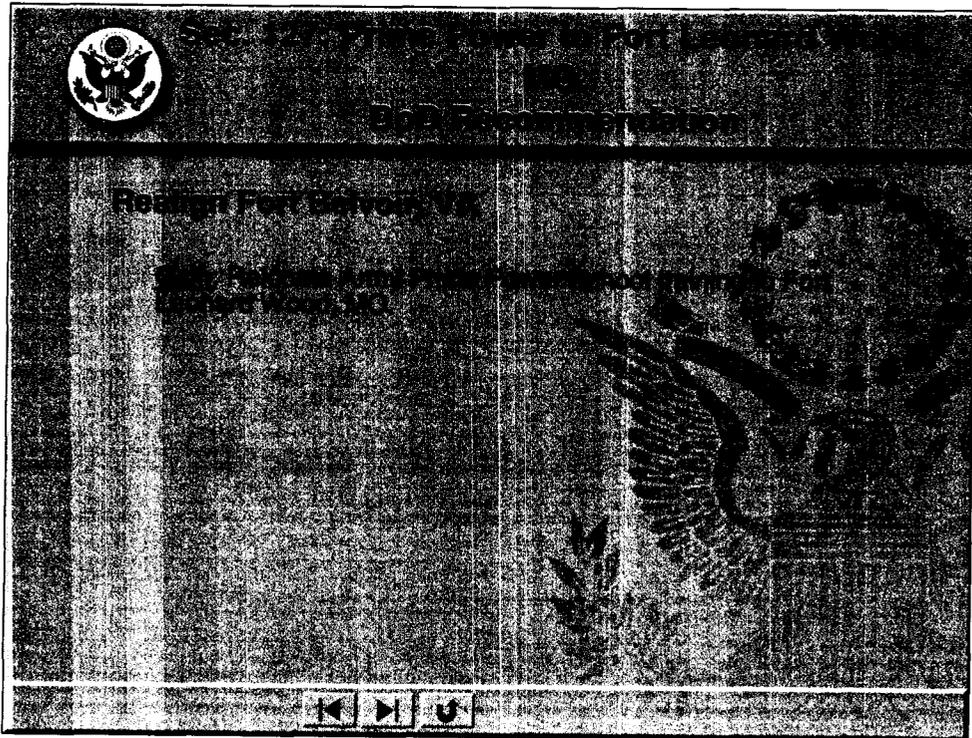
(SLIDE 4)

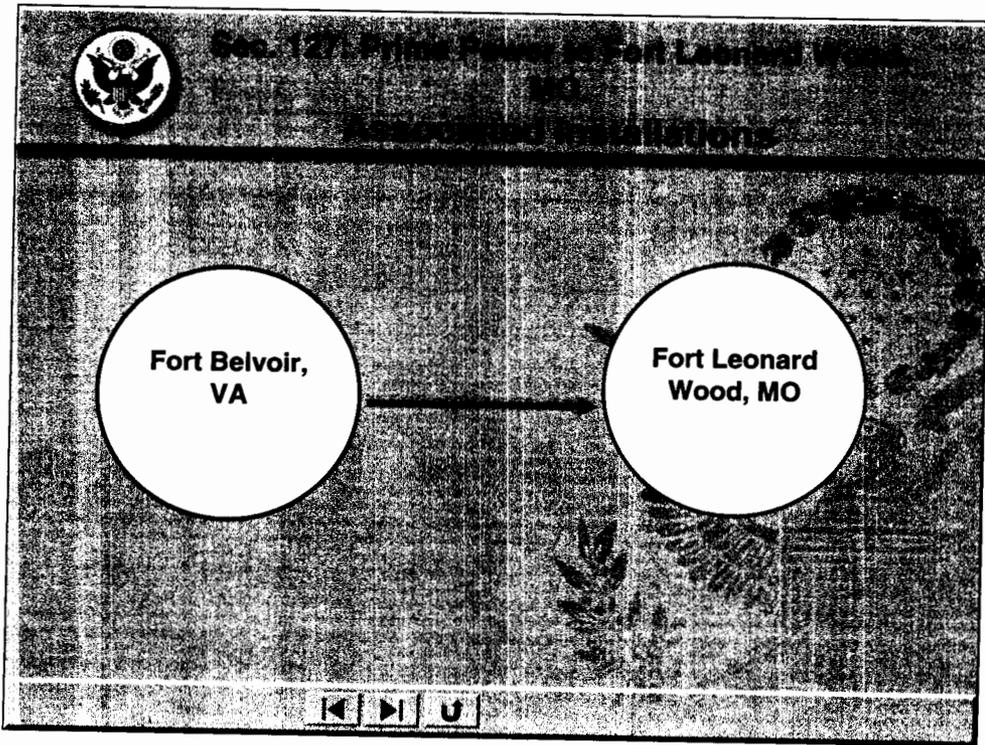
No community concerns were received on this proposal. The only issue identified involved loss of the close relationship between the school and the 249th Engineer Battalion (Prime Power), the only prime power battalion in the Army.

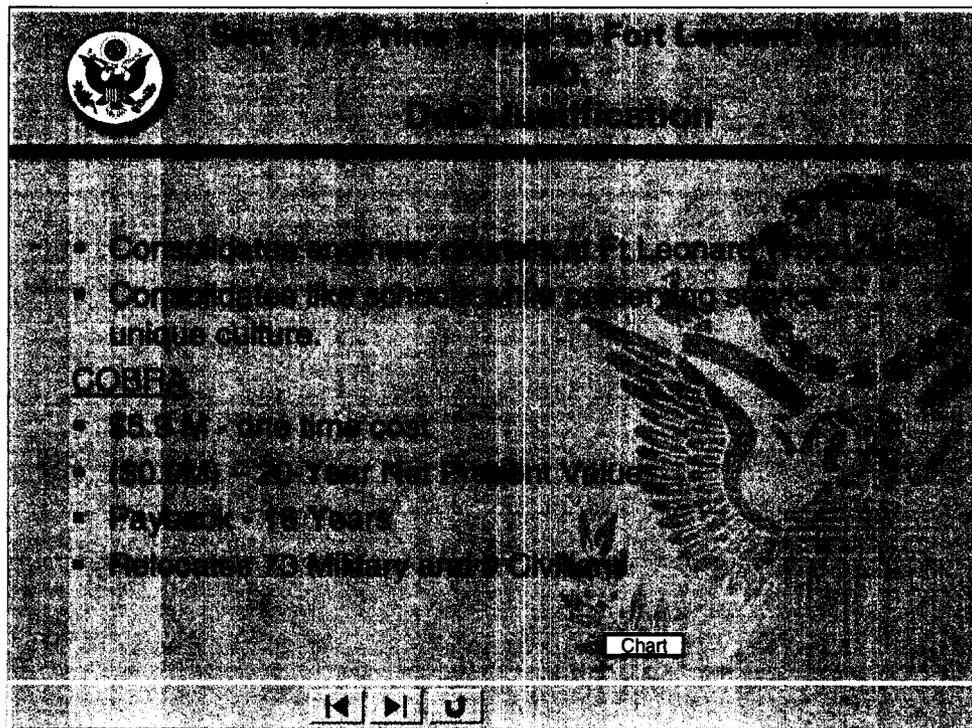
(SLIDE 5)

Stationing of the battalion is being reviewed and the Army has the means to address any move of the battalion outside of the BRAC process. Therefore, the staff ~~recommends approval of the proposal.~~ *finds no deviation.*

Subject to your questions, this concludes my prepared testimony for this issue.







One Time (\$6,022,771)

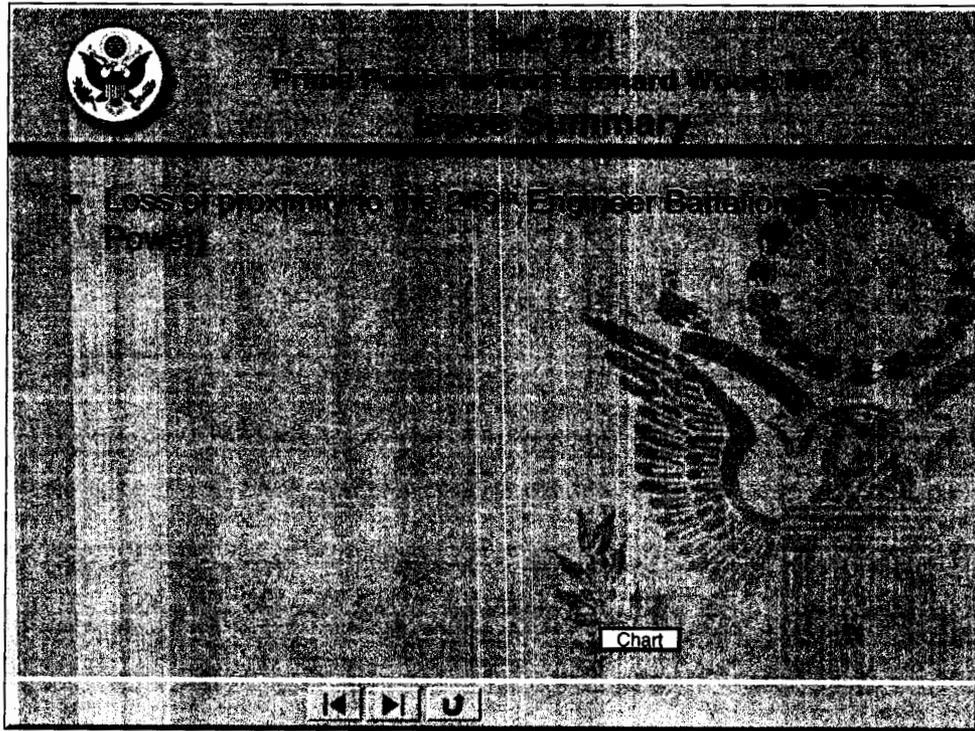
Construction	\$3,655,463*
Civ RIF, etc	166,782
Overhead	92,588 (PM, mothball)
PCS (Mil & Civ)	1,360,938
Environ	100,000
Other	647,000 (utilities support to MILCON)

•Projects – GP Instruction Bldg (\$213K), Applied instruction Bldg (\$2,410K), Enlisted UPH (\$1,032K).

•Savings:

Personnel	2 mil (1 Ofc, 1 EM)	\$357K	From Cmd Grp
	4 civ (@ \$82.5)	330	From Cmd Grp
	Base Ops	-16	
	TRICARE	-136	
	Hsg Allow	-54	
	Total	481	

Annual mil savings is \$207,370 (Ofc \$124,971 and EM \$82,399)



Only check boxes where you have input



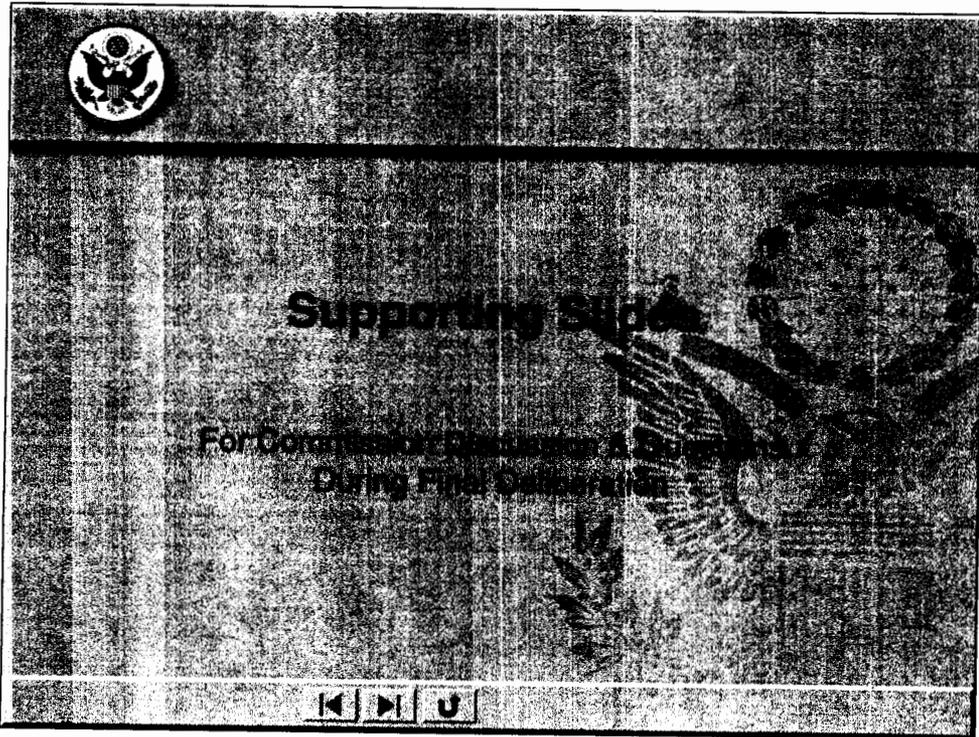
Section 122, Department of Defense, 10 USC 2682

Deviation from Final Selection Criteria

Criterion	Military Value				Other			
	C1	C2	C3	C4	C5	C6	C7	C8
Deviation								

The Secretary did not deviate from the final selection criteria or the Force Structure Plan.

Navigation icons: back, forward, refresh





Prime Power School

ISSUE	DoD POSITION	COMMUNITY POSITION	R&A STAFF FINDINGS
MISSION	Loss of proximity to the user organization. Possible shortfall in training during transition.	None provided	All cited issues can be addressed during implementation.
HOMELAND DEFENSE	None	None provided	No issues
FUTURE REQUIREMENTS	None	None provided	No issues
MILITARY VALUE WEIGHT	None	None provided	No issues
COST	None	None provided	No issues
JOBS	None	None provided	No issues
INFRASTRUCTURE	None	None provided	No issues
CLEANUP	None	None provided	No issues

1. There is a strong operational relationship between the 249th Engineer Bn (PP) and the school. The battalion is the only prime power battalion in the Army and home for over 50% of all 21P personnel in the Army. Graduates of the Prime Power School are reassigned directly into one of the three companies of the battalion (HHC, A, and B). Lesson learned in theater are quickly incorporated into school training. The battalion commander is also the school commandant. Separation of the school and platoon will reduce the effectiveness of this unique school-end user relationship.
4. Annual mil savings is \$207,370 (Ofc \$124,971 and EM \$82,399)

COBRA DATA

	DoD COBRA Run	COBRA Run Without military savings
One Time Cost	\$5.9 M	\$6.0 M
Net Implementation Cost	\$3.8 M	\$5.2 M
Annual Recurring (Savings)	(\$0.5 M)	(\$0.2 M)
Payback Period	16 Years	77 Years
Net Present Value at 2025	(\$0.9M)	\$3.3 M

One Time (\$6,022,771)

Construction	\$3,655,463*
Civ RIF, etc	166,782
Overhead	92,588 (PM, mothball)
PCS (Mil & Civ)	1,360,938
Environ	100,000
Other	647,000 (utilities support to MILCON)

•Projects – GP Instruction Bldg (\$213K), Applied instruction Bldg (\$2,410K), Enlisted UPH (\$1,032K).

•Savings:

Personnel	2 mil (1 Ofc, 1 EM)	\$357K	From Cmd Grp
	4 civ (@ \$82.5)	330	From Cmd Grp
	Base Ops	-16	
	TRICARE	-136	
	Hsg Allow	<u>-54</u>	
	Total	481	

Annual mil savings is \$207,370 (Ofc \$124,971 and EM \$82,399)



Fort Belvoir, VA

TABLE OF PERSONNEL CHANGES							
OUT		IN		NET GAIN/(LOSS)		NET CONT.	TOTAL DIRECT
MIL	CIV	MIL	CIV	MIL	CIV		
(73)	(29)			(73)	(29)		(102)

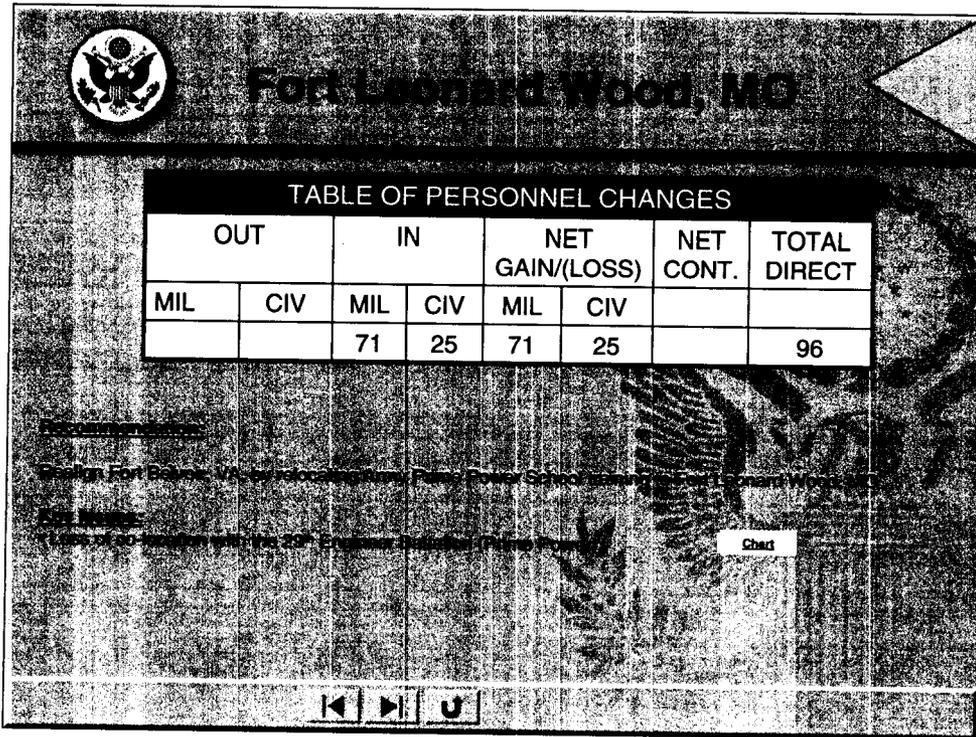
MANPOWER:
 Position Fort Belvoir, VA by component, Army, Army Reserve, Air Force, Navy, Marine Corps, Coast Guard, and Air National Guard.

NOTE:
 Includes all Fort Belvoir, VA.

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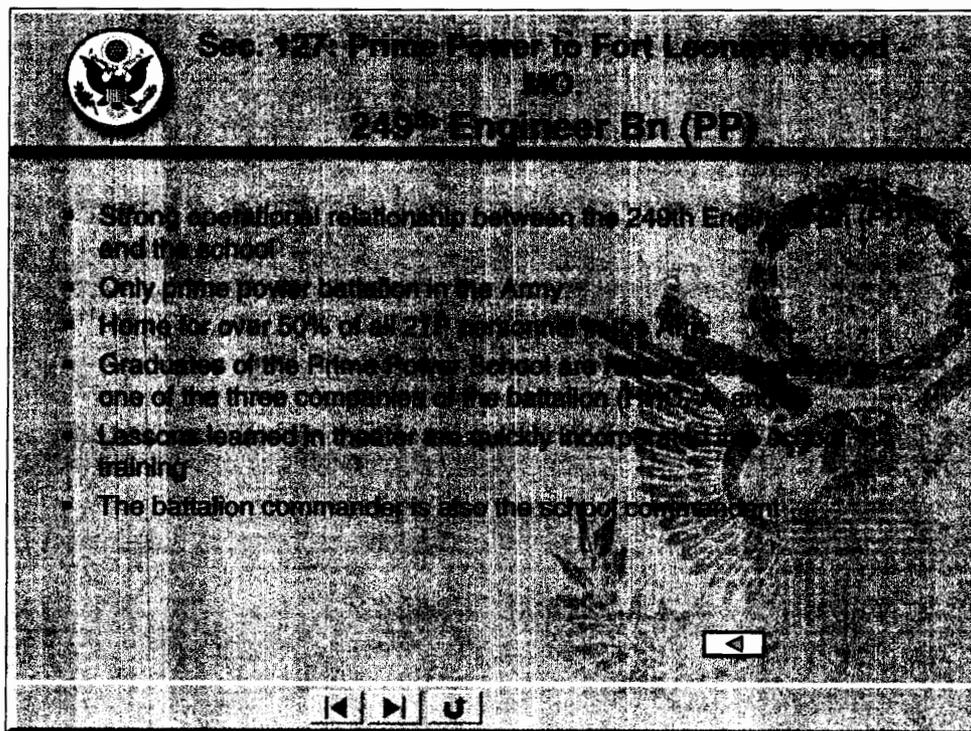
Manpower

	MSN		BOS	
	Belvoir	FLW	Belvoir	FLW
Off	-1	1	-1	
Enl	-9	9	-1	
Stu	-61	61		
Civ	<u>-25</u>	<u>25</u>	<u>-4</u>	
Tot	- 96	96	-6	



Manpower

	MSN		BOS	
	Belvoir	FLW	Belvoir	FLW
Off	-1	1	-1	
Enl	-9	9	-1	
Stu	-61	61		
Civ	<u>-25</u>	<u>25</u>	<u>-4</u>	
Tot	-96	96	-6	



21P is Prime Power Production Specialist

Separation of the school and platoon will reduce the effectiveness of this unique school-end user relationship.

Summary
 COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 1/2
 Data As Of 5/23/2005 2:31:01 PM, Report Created 5/31/2005

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Department : Army
 Scenario File : S:\R & A\COBRA Analysis Team\Official COBRA Files\Education & Training JCSG COBRA\127 - Prime Power to Fort Leonard Wood, MO\TAB 3\E&T 0029 - TABS Update to - US Army Engineer School-LW_II (.cbr
 Option Pkg Name: Consolidate US Army Engineer School
 Std Fctrs File : H:\COBRA 6.10 April 21 2005\BRAC2005.SFF

Starting Year : 2006
 Final Year : 2007
 Payback Year : 2023 (16 Years)

NPV in 2025(\$k): -767
 1-Time Cost(\$k): 6,023

Net Costs in 2005 Constant Dollars (\$K)

	2006		2007	2008	2009	2010	2011
Total	Beyond						
	-----	-----	-----	-----	-----	-----	-----
MilCon	3,655	0	0	0	0	0	0
Person	0	0	-226	-634	-634	-634	-634
Overhd	126	-634	65	15	15	15	15
Moving	0	15	1,342	0	0	0	0
Missio	0	0	0	0	0	0	0
Other	100	0	783	136	136	136	136
TOTAL	3,881	-483	1,964	-483	-483	-483	-483
	3,914						
Total	2006		2007	2008	2009	2010	2011
	-----		-----	-----	-----	-----	-----

POSITIONS ELIMINATED

Off	0	1	0	0	0	0
Enl	0	1	0	0	0	0
Civ	0	4	0	0	0	0
TOT	0	6	0	0	0	0
	6					

POSITIONS REALIGNED

Off	0	1	0	0	0	0
Enl	0	9	0	0	0	0
Stu	0	61	0	0	0	0
Civ	0	25	0	0	0	0
TOT	0	96	0	0	0	0
	25					

Summary

96

Summary:

Proposal # 275 Consolidate the Engineer School (Prime Power) from Ft Belvoir to Ft Leonard Wood

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 2/2
 Data As Of 5/23/2005 2:31:01 PM, Report Created 5/31/2005

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Department : Army
 Scenario File : S:\R & A\COBRA Analysis Team\Official COBRA Files\Education & Training JCSG COBRA\127 - Prime Power to Fort Leonard wood, MO\TAB 3\E&T 0029 - TABS Update to - US Army Engineer School-LW_II (.cbr
 Option Pkg Name: Consolidate US Army Engineer School
 Std Fctrs File : H:\COBRA 6.10 April 21 2005\BRAC2005.SFF

	Costs in 2005 Constant Dollars (\$K)							
	Total	2006	Beyond	2007	2008	2009	2010	2011
MilCon	3,655	3,655	0	0	0	0	0	0
Person	435	0	54	220	54	54	54	54
Overhd	1,281	126	221	271	221	221	221	221
Moving	1,361	0	0	1,361	0	0	0	0
Missio	0	0	0	0	0	0	0	0
Other	1,427	100	136	783	136	136	136	136
TOTAL	8,160	3,881	411	2,635	411	411	411	411

	Savings in 2005 Constant Dollars (\$K)							
	Total	2006	Beyond	2007	2008	2009	2010	2011
MilCon	0	0	0	0	0	0	0	0
Person	3,197	0	688	446	688	688	688	688
Overhd	1,029	0	206	206	206	206	206	206
Moving	18	0	0	18	0	0	0	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	4,245	0	893	671	893	893	893	893

Recommendation Detail

127 E&T - 13 Prime Power to Fort Leonard Wood, Mo Y N **127**

DoD Description Realign Fort Belvoir, VA, by relocating Army Prime Power School training to Fort Leonard Wood, MO.

COBRA Data

1 Time Costs (\$M) \$6.02	Rank/190 164	% Total 0.02%	Payback (Years) 16	6 Year Net (\$M) \$3.91	Rank/190 93	20-Year NPV (\$M) (\$0.80)	Rank/190 165	% Total 0.00%
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Job Impact at Affected Bases

Action	Base Name	State	Net Mil.	Net Civ.	Net Cont.	Total Dir.	Total InDir.	Total Chng
Realign	Fort Belvoir	VA	-73	-29	0	-102	-66	-168
Gainer	Fort Leonard Wood	MO	71	25	0	96	38	134
Net jobs for this Recommendation			-2	-4	0	-6	-28	-34

Other OSD Recommendations

***See Appendix - Alphabetical Listing of Bases

128 E&T - 14 Undergraduate Pilot and Navigator Training Y N **128**

DoD Description Realign Moody Air Force Base, GA, as follows: relocate the Primary Phase of Fixed-wing Pilot Training to Columbus Air Force Base, MS, Laughlin Air Force Base, TX, and Vance Air Force Base, OK; relocate Introduction to Fighter Fundamentals Training for Pilots to Columbus Air Force Base, MS, Laughlin Air Force Base, TX, Randolph Air Force Base, TX, Sheppard Air Force Base, TX, and Vance Air Force Base, OK; relocate Introduction to Fighter Fundamentals Training for Weapons Systems Officers to Columbus Air Force Base, MS, Laughlin Air Force Base, TX, Sheppard Air Force Base, TX, and Vance Air Force Base, OK; and relocate Introduction to Fighter Fundamentals Training for Instructor Pilots to Randolph Air Force Base, TX.

Realign Randolph Air Force Base, TX, by relocating Undergraduate Navigator Training to Naval Air Station, Pensacola, FL.

COBRA Data

1 Time Costs (\$M) \$71.70	Rank/190 74	% Total 0.30%	Payback (Years) 4	6 Year Net (\$M) \$1.62	Rank/190 84	20-Year NPV (\$M) (\$174.20)	Rank/190 62	% Total 0.36%
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Job Impact at Affected Bases

Action	Base Name	State	Net Mil.	Net Civ.	Net Cont.	Total Dir.	Total InDir.	Total Chng
Realign	Moody Air Force Base	GA	-557	-145	0	-702	-466	-1,168
Realign	Randolph Air Force Base	TX	-472	-99	0	-571	-507	-1,078
Gainer	Columbus Air Force Base	MS	100	3	0	103	67	170
Gainer	Laughlin Air Force Base	TX	98	80	0	178	133	311
Gainer	Naval Air Station Pensacola	FL	502	123	0	625	841	1,466
Gainer	Sheppard Air Force Base	TX	51	2	0	53	33	86
Gainer	Vance Air Force Base	OK	89	6	0	95	90	185
Net jobs for this Recommendation			-189	-30	0	-219	191	-28

Other OSD Recommendations

***See Appendix - Alphabetical Listing of Bases

Prime Power to Fort Leonard Wood, MO

Recommendation: Realign Fort Belvoir, VA, by relocating Army Prime Power School training to Fort Leonard Wood, MO.

Justification: The United States Army Prime Power School courses taught at Fort Belvoir, VA, are Engineer Branch courses. The United States Army Engineer Center at Fort Leonard Wood, MO, serves as the Service engineer proponent. The common-core phase of engineer courses are already taught at Fort Leonard Wood, MO. This realignment consolidates engineer courses at Fort Leonard Wood, MO. Consolidate like schools while preserving service unique culture. The United States Army Engineer School trains other services under Inter-service Training Review Organization (ITRO).

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$6.0M. The net of all costs and savings to the Department during the implementation period is a cost of \$3.9M. Annual recurring savings to the Department after implementation is \$0.5M with a payback expected in 16 years. The net present value of the costs and Department savings over 20 years is a savings of \$0.8M.

Economic Impact: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 170 jobs (102 direct jobs and 68 indirect jobs) over 2006-2011 in the Washington-Arlington-Alexandria, DC-VA-MD-WV, Metropolitan Division, which is less than 0.1 percent of economic area employment. The aggregate economic impact of all recommended actions on this economic region of influence was considered.

Community Infrastructure: Review of community attributes indicates no issues regarding the ability of the infrastructure of the communities to support missions, forces, and personnel. There are no known community infrastructure impediments to implementation of all recommendations affecting the installations in this recommendation.

Environmental Impacts: This recommendation has no impact on air quality; cultural, archeological, tribal resources; dredging; land use constraints or sensitive resources areas; marine mammals, resources or sanctuaries; noise; threatened and endangered species or critical habitat; waste management; water resources; or wetlands. This recommendation will require spending \$0.1M for environmental compliance activities. This cost was included in the payback calculations. This recommendation does not otherwise impact the costs of environmental restoration, waste management, and environmental compliance activities. The aggregate environmental impact of all recommended BRAC actions affecting the bases in this recommendation has been reviewed. There are no known environmental impediments to implementation of this recommendation.

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Supporting Information:

Competing recommendations: None.

Force Structure Capabilities: This recommendation was constructed to accommodate the current and surge requirements Since the manpower levels remain generally stable through 2011 within this Force & Infrastructure Category for all services, and end strength levels as reported in the 20-year Force structure plan remain relatively flat, it follows this recommendation is consistent with the 20-Year Force Structure Plan.

Military Value Analysis Results: A ranking of 1 is the higher military value score of 70 installations conducting Specialized Skills Training (SST).

SST Activity	Military Value Scores			Specialized Skills Training Ranking (1-70)		
	Skills			Skills		
	Initial	Progression	Functional	Initial	Progression	Functional
Fort Leonard Wood, MO	51.07	50.32	45.50	5	4	7
Fort Belvoir, VA	31.78	40.16	43.03	46	24	12

Military Value Information Ranking for Installations conducting Specialized Skills Training (SST):

SST Installation (Alphabetical)	Military Value Score for Initial (63.06 - 24.02)	Ranking for Initial (1 - 70)	Military Value for Skills Progression (56.45 - 26.69)	Ranking for Skills Progression (1 - 70)	Military Value Score for Functional (51.29 - 24.90)	Ranking for Functional (1 - 70)
Aberdeen Proving Grounds	30.84	50	34.70	52	30.29	59
Athens, GA	30.09	52	31.74	61	30.02	60
Ballston Spa, NY	29.53	54	34.88	51	34.44	48
Bangor, WA	29.36	56	38.73	32	39.40	26
Bolling AFB	31.55	47	37.18	39	37.85	35
Bridgeport, CA	24.02	70	32.43	59	34.64	47
Brunswick, ME	30.79	51	40.70	21	40.90	20
Camp Lejeune, NC	41.87	12	39.86	27	38.74	30
Camp Pendleton, CA	35.02	35	35.24	49	30.97	57
Charleston, SC	39.72	18	41.02	19	42.09	15
Coronado, CA	35.43	30	37.74	37	39.06	27
Crane, IN	25.21	68	29.29	68	27.66	68
Dahlgren, VA	28.08	57	35.90	46	29.86	63
Eglin AFB	33.97	40	39.88	26	36.63	41
Fairchild AFB	38.35	23	38.07	35	36.64	40

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Capacity Analysis for Installations conducting Specialized Skills Training (SST):

Berthing Data for SST Activity	Maximum Potential Capacity	Current Capacity	Current Usage	Capacity Required for Surge	Capacity Available to Surge	Excess Capacity
Aberdeen PG, MD	2915	2915	1991	398	924	526
Athens, GA	217	217	312	62	0	-157
Ballston Spa, NY	0	0	228	46	0	-274
Bangor, WA	96	96	0	0	96	96
Bolling AFB, DC	24	24	0	0	24	24
Bridgeport, CA	1500	1500	1261	252	239	-13
Brunswick, ME	500	500	35	7	465	458
Camp Lejeune, NC	7043	7043	2889	578	4154	3576
Camp Pendleton, CA	1595	1595	1253	251	342	91
Charleston, SC	2400	2400	3093	619	0	-1312
Coronado, CA	1267	1267	206	41	1061	1020
Crane, IN	0	0	0	0	0	0
Dahlgren, VA	580	580	0	0	580	580
Eglin AFB, FL	502	502	659	132	0	-289
Fairchild AFB, WA	352	352	305	61	47	-14
Fallon, NV	1830	1830	364	73	1466	1393
Fort Belvoir, VA	70	70	0	0	70	-70
Fort Benning, GA	11563	11563	14729	2946	0	-6112
Fort Bliss, TX	1250	1250	1250	250	0	-250
Fort Bragg, NC	1202	1202	958	192	244	52
Fort Campbell, KY	252	252	958	192	0	-898
Fort Dix, NJ	964	964	0	0	964	964
Fort Eustis, VA	1718	1718	2136	427	0	-845
Fort Gordon, GA	2660	2660	3100	620	0	-1060
Fort Huachuca, AZ	2228	2228	1538	308	690	382
Fort Jackson, SC	1400	1400	131	26	1269	1243
Fort Knox, KY	8870	8870	4887	977	3983	3006
Fort Lee, VA	5101	5101	4502	900	599	-301
Fort Leonard Wood, MO	20928	20928	9730	1946	11198	9252
Fort McCoy, WI	1912	1912	128	26	1784	1758
Fort Meade, MD	675	675	676	135	0	-136
Fort Monmouth, NJ	120	120	220	44	0	-144
Fort Rucker, AL	763	763	751	150	12	-138
Fort Sill, OK	4060	4060	4736	947	0	-1623
Goodfellow AFB, TX	1966	1966	2440	488	0	-962
Great Lakes, IL	8364	8364	4143	829	4221	3392
Groton, CT	1452	1452	1848	370	0	-766
Gulfport, MS	564	564	587	117	0	-140
Keesler AFB, MS	3668	3668	5593	1119	0	-3044
Kings Bay, GA	234	234	116	23	118	95
Kirtland AFB, NM	420	420	309	62	111	49
Lackland AFB, TX	9679	9679	8948	1790	731	-1059
Little Creek, VA	939	939	242	48	697	649
Maxwell AFB, AL	726	726	881	176	0	-331

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Berthing Cont. Data for SST Activity	Maximum Potential Capacity	Current Capacity	Current Usage	Capacity Required for Surge	Capacity Available to Surge	Excess Capacity
Mayport, FL	0	0	10	2	0	-12
Meridian, MS	1896	1896	668	134	1228	1094
Newport, RI	1568	1568	677	135	891	756
Norfolk, VA	2971	2971	6	1	2965	2964
Oceana, VA	2662	2662	697	139	1965	1826
Panama City, FL	173	173	297	59	0	-183
Pearl Harbor, HI	0	0	28	6	0	-34
Pensacola, FL	9114	9114	7189	1438	1925	487
Point Loma, CA	650	650	110	22	540	518
Pope AFB, NC	48	48	45	9	3	-6
Port Hueneme, CA	1058	1058	320	64	738	674
Presidio of Monterey, CA	2734	2734	2534	507	200	-307
Quantico, VA	354	354	283	57	71	14
Redstone Arsenal, AL	1241	1241	596	119	645	526
San Diego, CA (USMC)	500	500	300	60	200	140
San Diego, CA (USN)	2016	2016	937	187	1079	892
Sheppard AFB, TX	4840	4840	6888	1378	0	-3426
Tobyhanna Depot, PA	846	846	278	56	568	512
Twenty-Nine Palms, CA	2199	2199	2059	412	140	-272
Tyndall AFB, FL	90	90	0	0	90	90
Vandenberg AFB, CA	256	256	555	111	0	-410
Wallops Island, VA	89	89	65	13	24	11
Whidbey Island, WA	200	200	231	46	0	-77
Willow Grove, PA	24	24	0	0	24	24
Yuma Proving Ground, AZ	196	196	60	12	136	124
Yuma, AZ	0	0	0	0	0	0

Note: Capacity Analysis for Installations conducting Specialized Skills Training (SST): An installation reporting a zero (0) in any capacity column may report a number greater than zero (0) in the Current Usage column. This is because the installation may be using non-standard and/or off-installation assets; Berthing could be local apartments, hotels, or motels, Messing may not be available on the installation and students must use on/off-installation diners, fast-food restaurants, or Mom-&-Pop establishments, Classrooms may be substituted by aviation hangars, depots, large field tents, maintenance aprons, mobile buildings, operational fields and forests, or warehouses.

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Messing Data for SST Activity	Maximum Potential Capacity	Current Capacity	Current Usage	Surge	Capacity Available to Surge	Excess Capacity
Aberdeen PG, MD	4172	4172	1880	376	2292	1916
Athens, GA	0	0	0	0	0	0
Ballston Spa, NY	0	0	0	0	0	0
Bangor, WA	0	0	0	0	0	0
Bolling AFB, DC	0	0	0	0	0	0
Bridgeport, CA	948	948	889	178	59	-119
Brunswick, ME	656	656	120	24	536	512
Camp Lejeune, NC	7588	7588	4755	951	2833	1882
Camp Pendleton, CA	5715	5715	2960	592	2755	2163
Charleston, SC	1892	1892	3170	634	0	-1912
Coronado, CA	910	910	758	152	152	0
Crane, IN	0	0	0	0	0	0
Dahlgren, VA	0	0	0	0	0	0
Eglin AFB, FL	907	907	907	181	0	-181
Fairchild AFB, WA	560	560	305	61	255	194
Fallon, NV	1152	1152	364	73	788	715
Fort Belvoir, VA	960	960	199	40	761	721
Fort Benning, GA	15431	15431	3611	722	11820	11098
Fort Bliss, TX	1732	1732	1177	235	555	320
Fort Bragg, NC	932	932	2208	442	0	-1718
Fort Campbell, KY	75	75	212	42	0	-179
Fort Dix, NJ	6860	6860	336	67	6524	6457
Fort Eustis, VA	1550	1550	1286	257	264	7
Fort Gordon, GA	440	440	4276	855	0	-1091
Fort Huachuca, AZ	1880	1880	5540	1108	0	-4768
Fort Jackson, SC	3248	3248	10947	2189	0	-9888
Fort Knox, KY	42540	42540	4887	977	37653	36676
Fort Lee, VA	9255	9255	3885	777	5370	4593
Fort Leonard Wood, MO	11726	11726	8726	1745	3000	1255
Fort McCoy, WI	2105	2105	1285	257	820	563
Fort Meade, MD	604	604	29002	5800	0	-34198
Fort Monmouth, NJ	240	240	240	48	0	-48
Fort Rucker, AL	1292	1292	2104	421	0	-1233
Fort Sill, OK	8800	8800	4724	945	4076	3131
Goodfellow AFB, TX	2158	2158	2504	501	0	-847
Great Lakes, IL	18752	18752	14796	2959	3956	997
Groton, CT	1794	1794	1950	390	0	-546
Gulfport, MS	800	800	634	127	166	39
Keesler AFB, MS	3402	3402	5604	1121	0	-3323
Kings Bay, GA	600	600	234	47	366	319
Kirtland AFB, NM	307	307	307	61	0	-61
Lackland AFB, TX	12964	12964	10392	2078	2572	494
Little Creek, VA	119	119	219	44	0	-144
Maxwell AFB, AL	3024	3024	2497	499	527	28
Mayport, FL	0	0	0	0	0	0
Meridian, MS	2640	2640	1116	223	1524	1301

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Messing Cont. Data for SST Activity	Maximum Potential Capacity	Current Capacity	Current Usage	Surge	Capacity Available to Surge	Excess Capacity
Newport, RI	550	550	600	120	0	-170
Norfolk, VA	799	799	996	199	0	-396
Oceana, VA	935	935	1261	252	0	-578
Panama City, FL	137	137	165	33	0	-61
Pearl Harbor, HI	60	60	0	0	60	60
Pensacola, FL	9800	9800	7065	1413	2735	1322
Point Loma, CA	0	0	0	0	0	0
Pope AFB, NC	117	117	117	23	0	-23
Port Hueneme, CA	940	940	560	112	380	268
Presidio of Monterey, CA	574	574	107530	21506	0	-128462
Quantico, VA	5574	5574	2388	478	3186	2708
Redstone Arsenal, AL	1100	1100	500	100	600	500
San Diego, CA (USMC)	8600	8600	7090	1418	1510	92
San Diego, CA (USN)	2350	2350	2350	470	0	-470
Sheppard AFB, TX	8800	8800	6889	1378	1911	533
Tobyhanna Depot, PA	4000	4000	181	36	3819	3783
Twenty-Nine Palms, CA	1400	1400	2053	411	0	-1064
Tyndall AFB, FL	528	528	470	94	58	-36
Vandenberg AFB, CA	247	247	233	47	14	-33
Wallops Island, VA	352	352	65	13	287	274
Whidbey Island, WA	500	500	162	32	338	306
Willow Grove, PA	200	200	15	3	185	182
Yuma Proving Ground, AZ	400	400	93	19	307	288
Yuma, AZ	2120	2120	2120	424	0	-424

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Classroom Data for SST Activity	Maximum Potential Capacity	Current Capacity	Current Usage	Surge	Capacity Available to Surge	Excess Capacity
Aberdeen PG, MD	5273	1281	1720	344	0	-783
Athens, GA	4277	953	356	71	597	526
Ballston Spa, NY	4705	1048	741	148	307	159
Bangor, WA	14932	3327	1089	218	2238	2020
Bolling AFB, DC	1021	227	78	16	149	134
Bridgeport, CA	4694	1046	843	169	203	34
Brunswick, ME	2967	661	38	8	623	616
Camp Lejeune, NC	45569	10154	2301	460	7853	7393
Camp Pendleton, CA	7313	1630	1253	251	377	126
Charleston, SC	15146	3375	3344	669	31	-638
Coronado, CA	13542	3018	584	117	2434	2317
Crane, IN	0	0	22	4	0	-26
Dahlgren, VA	2078	463	1643	329	0	-1509
Eglin AFB, FL	5244	1169	1208	242	0	-281
Fairchild AFB, WA	37149	8278	296	59	7982	7923
Fallon, NV	2150	479	364	73	115	42
Fort Belvoir, VA	4429	1076	106	21	970	949
Fort Benning, GA	25630	6226	11709	2342	0	-7825
Fort Bliss, TX	395	96	835	167	0	-906
Fort Bragg, NC	12695	3084	1202	240	1882	1642
Fort Campbell, KY	0	0	200	40	0	-240
Fort Dix, NJ	0	0	0	0	0	0
Fort Eustis, VA	6426	1432	2261	452	0	-1281
Fort Gordon, GA	3375	752	3331	666	0	-3245
Fort Huachuca, AZ	4245	946	2207	441	0	-1702
Fort Jackson, SC	5883	1311	0	0	1311	1311
Fort Knox, KY	110568	24638	4842	968	19796	18828
Fort Lee, VA	19925	4440	3545	709	895	186
Fort Leonard Wood, MO	20558	4581	9727	1945	0	-7091
Fort McCoy, WI	1077	240	277	55	0	-92
Fort Meade, MD	0	0	0	0	0	0
Fort Monmouth, NJ	0	0	139	28	0	-167
Fort Rucker, AL	10322	2300	2448	490	0	-638
Fort Sill, OK	1988	443	3567	713	0	-3837
Goodfellow AFB, TX	10965	2443	3139	628	0	-1323
Great Lakes, IL	48655	10842	4075	815	6767	5952
Groton, CT	13808	3077	1848	370	1229	859
Gulfport, MS	18427	4106	1017	203	3089	2886
Keesler AFB, MS	33537	7473	5763	1153	1710	557
Kings Bay, GA	26703	5950	186	37	5764	5727
Kirtland AFB, NM	3082	687	394	79	293	214
Lackland AFB, TX	158123	35235	11679	2336	23556	21220
Little Creek, VA	9565	2131	1374	275	757	482
Maxwell AFB, AL	11606	2586	917	183	1669	1486
Mayport, FL	3347	746	403	81	343	262
Meridian, MS	7568	1686	758	152	928	777

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Classroom Cont. Data for SST Activity	Maximum Potential Capacity	Current Capacity	Current Usage	Surge	Capacity Available to Surge	Excess Capacity
Newport, RI	9947	2217	1065	213	1152	939
Norfolk, VA	31490	7017	2074	415	4943	4528
Oceana, VA	30055	6697	2753	551	3944	3394
Panama City, FL	2591	577	297	59	280	221
Pearl Harbor, HI	11672	2601	942	188	1659	1471
Pensacola, FL	61692	13747	6749	1351	6998	5648
Point Loma, CA	20236	4509	560	112	3949	3837
Pope AFB, NC	410	91	45	9	46	37
Port Hueneme, CA	17336	3863	2119	424	1744	1320
Presidio of Monterey, CA	5479	1221	0	0	1221	1221
Quantico, VA	1644	366	338	68	28	-39
Redstone Arsenal, AL	1463	326	562	112	0	-348
San Diego, CA (USMC)	2425	554	261	52	293	241
San Diego, CA (USN)	5507	1227	1283	257	0	-312
Sheppard AFB, TX	151734	33811	7774	1555	26037	24482
Tobyhanna Depot, PA	0	0	262	52	0	-314
Twenty-Nine Palms, CA	61692	3730	2053	411	1677	1266
Tyndall AFB, FL	12580	2803	822	164	1981	1817
Vandenberg AFB, CA	28588	6370	555	111	5815	5704
Wallops Island, VA	1703	380	65	13	315	302
Whidbey Island, WA	9552	2129	549	110	1580	1470
Willow Grove, PA	588	131	68	14	63	49
Yuma Proving Ground, AZ	0	0	109	22	0	-131
Yuma, AZ	592	132	180	36	0	-84

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8 Attachments:

- 1) Complementary Recommendations
- 2) Force Structure Capabilities
- 3) Military Value Reports
- 4) Capacity Analysis
- 5) COBRA Results
- 6) Economic Impact Report
- 7) Installation Criterion 7 Profile
- 8) Summary of Scenario Environmental Impacts

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FORT BELVOIR, VA

Demographics

The following tables provide a short description of the area near the installation/activity. FORT BELVOIR is 8 miles from Alexandria, VA, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Washington DC MSA	4,923,153

The following entities comprise the military housing area (MHA):

County/City	Population
Alexandria	128283
Arlington	189453
District Of Columbia	572059
Fairfax	969749
Falls Church	10377
Montgomery	873341
Prince George's	801515
Total	3,544,777

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 79

Cost of Living

Cost of Living provides a relative measure of cost of living in the local community. General Schedule (GS) Locality Pay provides a relative scale to compare local salaries with government salaries and Basic Allowance for Housing (BAH) is an indicator of the local rental market. In-state tuition is an indicator of the support provided by the state for active duty family members to participate in higher-level education opportunities.

Median Household Income	(US Avg \$41,994)	\$62,216	Basis: MSA
Median House Value	(US Avg \$119,600)	\$178,900	
GS Locality Pay	("Rest of US" 10.9%)	14.6%	
O-3 with Dependents BAH Rate		\$2,006	
In-state Tuition for Family Member		No	
In-state Tuition Continues if Member PCSs Out of State			

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, percentage of certified teachers and composite SAT I/ACT scores provide a relative quality

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indicator of education. This attribute also attempts to give communities credit for the potential intellectual capital they provide.

NOTE: "MFR" means a Memorandum For Record is on file at the installation/activity/agency to document problems in obtaining the required information. Reasons for not being able to obtain information may be that the school district refused to provide the information or the school district does not use or track the information.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	227,602	2 of 2 districts
Students Enrolled	220,963	2 of 2 districts
Average Pupil/Teacher Ratio	15.6:1	2 of 2 districts
High School Students Enrolled	66,102	2 of 2 districts
Average High School Graduation Rate (US Avg 67.3%)	96.7%	2 of 2 districts
Average Composite SAT I Score (US Avg 1026)	1077	2 of 2 districts
Average ACT Score (US Avg 20.8)	21	2 of 2 districts
Available Graduate/PhD Programs	6	
Available Colleges and/or Universities	15	
Available Vocational and/or Technical Schools	2	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	2.6%	2.4%	3.1%	3.7%	3.5%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	MSA	MSA	MSA	MSA	MSA

The annual job growth rate for the last five-years:

	1999	2000	2001	2002	2003
Local Data	3.3%	3.0%	1.4%	1.0%	1.0%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	MSA	MSA	MSA	MSA	MSA

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Housing

This attribute provides an indication of availability of housing, both sales and rental, in the local community. Note: according to the 2000 Census, Vacant Sale and Vacant Rental Units do not equal Total Vacant Housing Units; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	94,577	Basis: MSA
Vacant Sale Units	19,464	
Vacant Rental Units	29,918	

Medical Providers

This attribute provides an indicator of availability of medical care for military and DoD civilians in the local community. The table reflects the raw number of physicians/beds and ratio of physicians/beds to population.

	# Physicians	# Beds	Population	
Local Community	15,810	9,163	4,923,153	Basis: MSA
Ratio	1:311	1:537		
National Ratio (2003)	1:421.2	1:373.7		

Safety/Crime

The local community's Uniform Crime Reports (UCR) Index for 2002 per 100,000 people and the national UCR based on information from the Federal Bureau of Investigation (FBI) for 2002:

Local UCR	4,047.0	Basis: MSA
National UCR	4,118.8	

Transportation

Distance to an airport shows convenience and availability of airline transportation. Public transportation shows potential for members and DoD civilians to use it to commute to/from work under normal circumstances and for leisure.

Distance from FORT BELVOIR to nearest commercial airport: 19.9 miles
 Is FORT BELVOIR served by regularly scheduled public transportation? Yes

Utilities

This attribute identifies a local community's water and sewer systems' ability to receive 1,000 additional people.

Does the local community's water system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

Does the local community's sewer system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

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FORT LEONARD WOOD, MO

Demographics

The following tables provide a short description of the area near the installation/activity. FORT LEONARD WOOD is 93.8 miles from Springfield, MO, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
St Louis, MO MSA	2,603,607

The following entities comprise the military housing area (MHA):

County/City	Population
Phelps	39825
Pulaski	41165
Texas	23003
Total	103,993

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 0

Cost of Living

Cost of Living provides a relative measure of cost of living in the local community. General Schedule (GS) Locality Pay provides a relative scale to compare local salaries with government salaries and Basic Allowance for Housing (BAH) is an indicator of the local rental market. In-state tuition is an indicator of the support provided by the state for active duty family members to participate in higher-level education opportunities.

Median Household Income	(US Avg \$41,994)	\$30,236	Basis: 3 of 3 counties
Median House Value	(US Avg \$119,600)	\$73,133	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$ 939	
In-state Tuition for Family Member		No	
In-state Tuition Continues if Member PCSs Out of State			

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, percentage of certified teachers and composite SAT I/ACT scores provide a relative quality indicator of education. This attribute also attempts to give communities credit for the potential intellectual capital they provide.

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NOTE: "MFR" means a Memorandum For Record is on file at the installation/activity/agency to document problems in obtaining the required information. Reasons for not being able to obtain information may be that the school district refused to provide the information or the school district does not use or track the information.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	1,618	5 of 5 districts
Students Enrolled	1,135	5 of 5 districts
Average Pupil/Teacher Ratio	12.5:1	5 of 5 districts
High School Students Enrolled	2,392	5 of 5 districts
Average High School Graduation Rate (US Avg 67.3%)	86.7%	5 of 5 districts
Average Composite SAT I Score (US Avg 1026)		5 of 5 districts
Average ACT Score (US Avg 20.8)	22	5 of 5 districts
Available Graduate/PhD Programs	1	
Available Colleges and/or Universities	0	
Available Vocational and/or Technical Schools	0	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	2.6%	4.9%	5.3%	5.0%	5.1%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	3 of 3 counties				

The annual job growth rate for the last five-years:

	1999	2000	2001	2002	2003
Local Data	-.2%	2.9%	3.7%	3.1%	2.2%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	3 of 3 counties				

Housing

This attribute provides an indication of availability of housing, both sales and rental, in the local community.

Note: according to the 2000 Census, Vacant Sale and Vacant Rental Units do not equal Total Vacant Housing Units; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

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Total Vacant Housing Units	5,179	Basis: 3 of 3 counties
Vacant Sale Units	868	
Vacant Rental Units	1,532	

Medical Providers

This attribute provides an indicator of availability of medical care for military and DoD civilians in the local community. The table reflects the raw number of physicians/beds and ratio of physicians/beds to population.

	# Physicians	# Beds	Population	
Local Community	104	207	103,993	Basis: 3 of 3 counties
Ratio	1:1,000	1:502		
National Ratio (2003)	1:421.2	1:373.7		

Safety/Crime

The local community's Uniform Crime Reports (UCR) Index for 2002 per 100,000 people and the national UCR based on information from the Federal Bureau of Investigation (FBI) for 2002:

Local UCR	3,147.1	Basis: 3 of 3 counties
National UCR	4,118.8	

Transportation

Distance to an airport shows convenience and availability of airline transportation. Public transportation shows potential for members and DoD civilians to use it to commute to/from work under normal circumstances and for leisure.

Distance from FORT LEONARD WOOD to nearest commercial airport: 4.0 miles

Is FORT LEONARD WOOD served by regularly scheduled public transportation? Yes

Utilities

This attribute identifies a local community's water and sewer systems' ability to receive 1,000 additional people.

Does the local community's water system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

Does the local community's sewer system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

ET 0029 : E and T 0029 Prime Power Belvoir to Leonard Wood - Bill Diehl Version - 7 Apr 05

The data in this report is rolled up by Region of Influence

As of: Wed Apr 13 14:46:03 EDT 2005

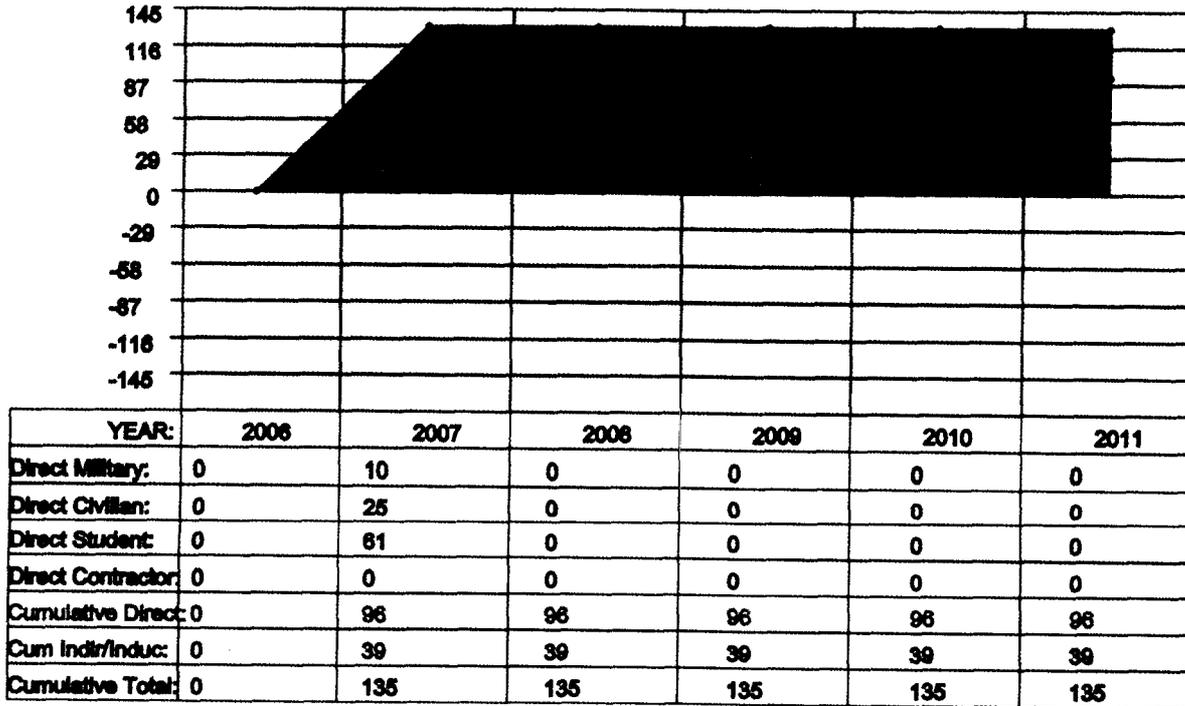
ECONOMIC IMPACT DATA

Scenario: All Selected (see title page)
Economic Region of Influence(ROI): Fort Leonard Wood, MO Micropolitan Statistical Area
Base: All Bases
Action: All Actions

Overall Economic Impact of Proposed BRAC-05 Action:

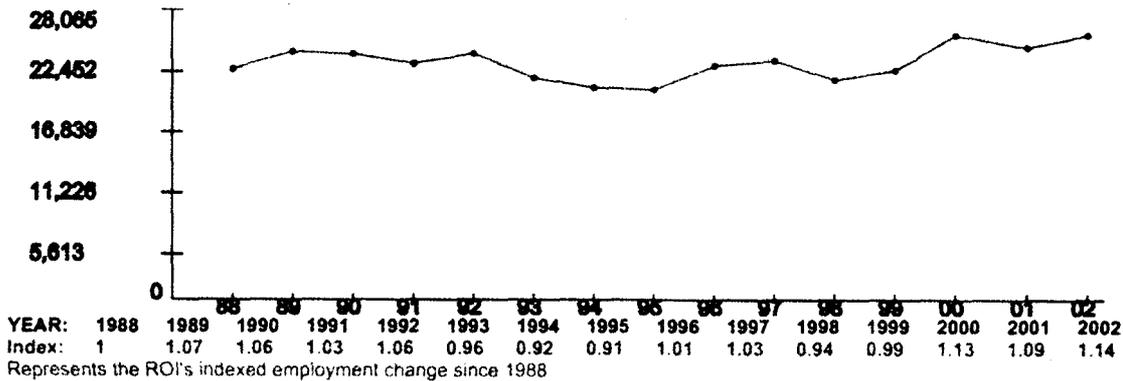
ROI Population (2002):	44,063
ROI Employment (2002):	25,515
Authorized Manpower (2005):	26,953
Authorized Manpower(2005) / ROI Employment(2002):	105.64%
Total Estimated Job Change:	135
Total Estimated Job Change / ROI Employment(2002):	0.53%

Cumulative Job Change (Gain/Loss) Over Time:

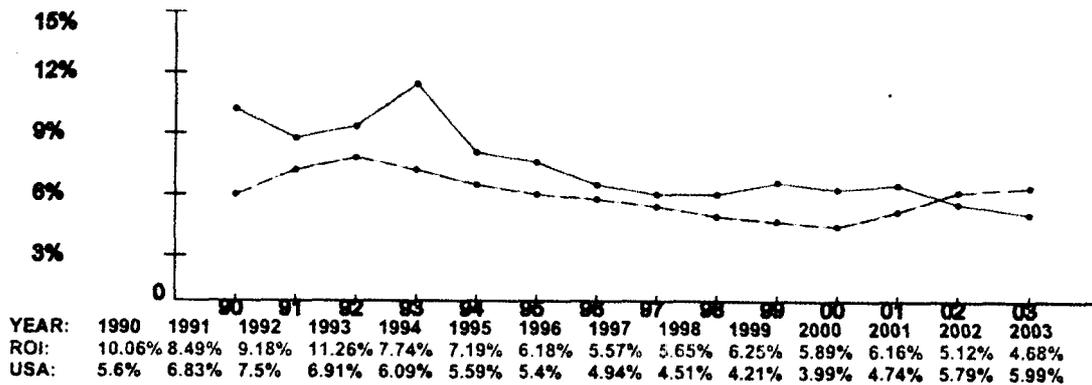


Fort Leonard Wood, MO Micropolitan Statistical Area Trend Data

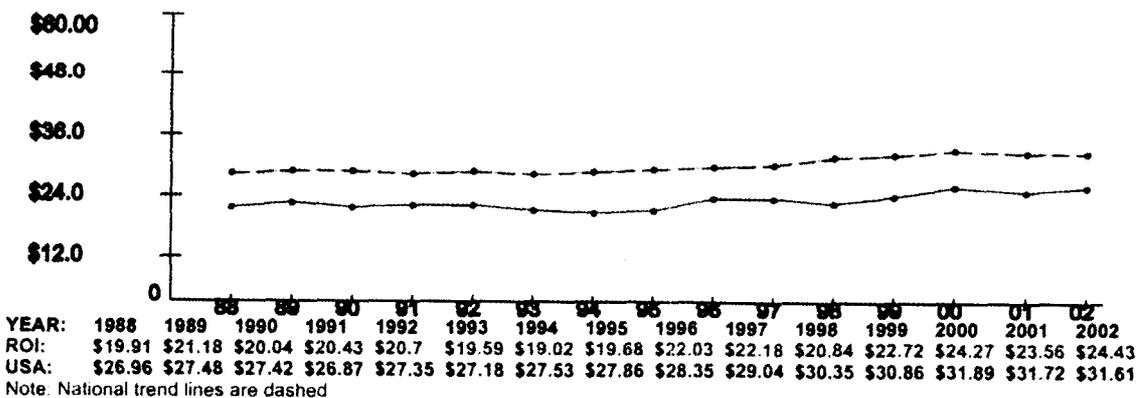
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



Per Capita Income x \$1,000 (1988-2002)



As of: Wed Apr 13 14:46:03 EDT 2005

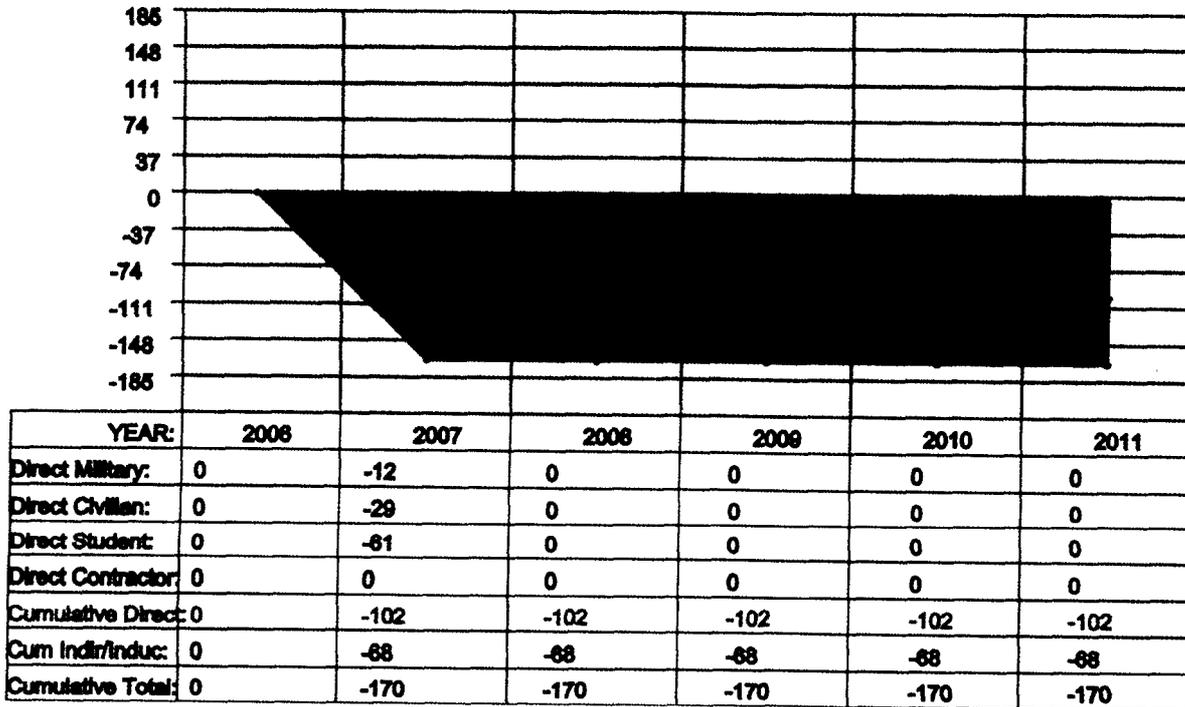
ECONOMIC IMPACT DATA

Scenario: All Selected (see title page)
Economic Region of Influence(ROI): Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division
Base: All Bases
Action: All Actions

Overall Economic Impact of Proposed BRAC-05 Action:

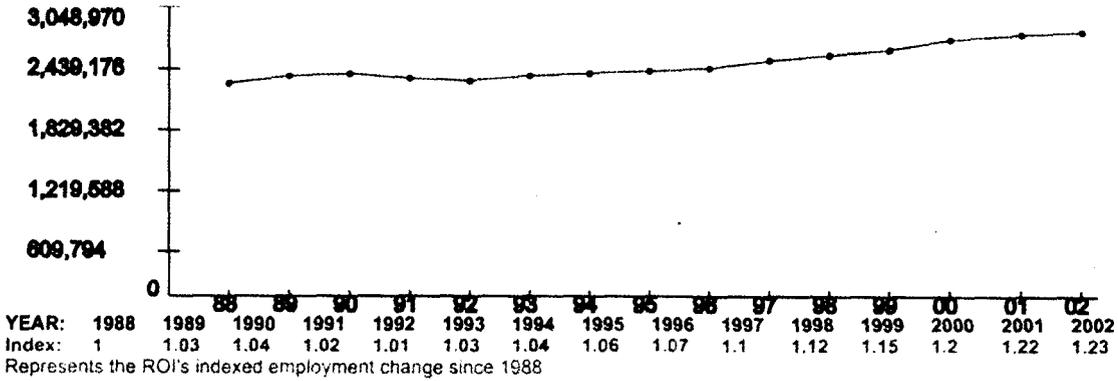
ROI Population (2002):	3,895,337
ROI Employment (2002):	2,771,791
Authorized Manpower (2005):	14,203
Authorized Manpower(2005) / ROI Employment(2002):	0.51%
Total Estimated Job Change:	-170
Total Estimated Job Change / ROI Employment(2002):	-0.01%

Cumulative Job Change (Gain/Loss) Over Time:

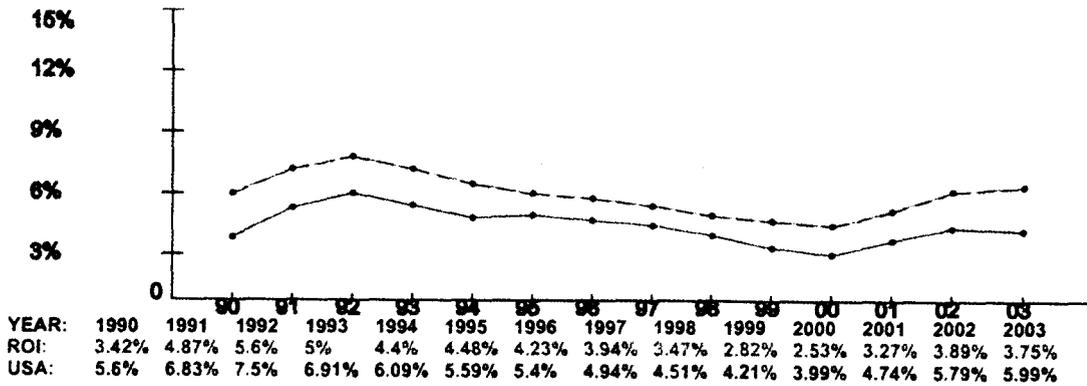


Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division Trend Data

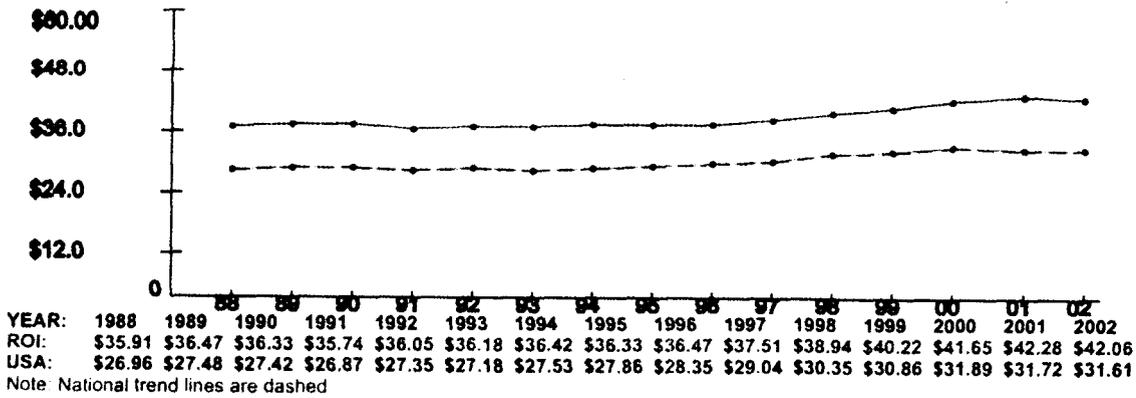
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



Per Capita Income x \$1,000 (1988-2002)



SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS [TABS FINAL VERSION]
SCENARIO # 275 & 499 TITLE: E&T-0029V3 MOVE US ARMY PRIME POWER SCHOOL

GENERAL DESCRIPTION: Consolidate the U.S. Army Engineering School by relocating the US Army Prime Power School from Ft Belvoir to Ft Leonard Wood. Includes prime power training at FLW with other engineer MOSS.

Notes:

1. Fort Leonard Wood gains approximately 100 personnel and requires 16,000 SF new MILCON

ANALYST: _____

LAST UPDATE: 26 APRIL 2005

Env Resource Area	<i>Gaining Installation Assessment</i> Inst Name: Fort Leonard Wood	Analyst Comments (& data source(s) that drive assessment)
Air Quality	Fort Leonard Wood is in attainment for all criteria pollutants. Although installation currently reports violations of threshold and permit levels, addition of limited operations will not likely adversely affect air quality further. A more detailed emission analysis may be required to determine regulatory impact of new activities.	#213 - All NAAQS in Attainment. #211 Emissions inventory shows permit limits exceeded for VOC, Nox, CO, and PM 10, and Major Source thresholds exceeded for VOC and CO. Anticipated permit exceedences for VOC, NOX, CO, SO, PM10 and threshold exceedences for VOC, CO and SO2, based on 1% emissions transfer from Fort Belvoir. #220 No permit ISR2 - No impact to mission.
Cultural/Archeological/Tribal Resources	550 archaeological resources and 34 historic properties identified. Cultural / archeological / tribal resources currently restrict operations. Additional operations may impact these resources and result in further restrictions on training or operations. A potential impact may occur as a result of increased time delays and negotiated restrictions. Since there is no Programmatic Agreement in place, potential impacts may occur, since resources must be evaluated on a case-by-case basis. Cultural / archeological / tribal resources currently restrict operations. Additional operations may impact these resources and result in further restrictions on training or operations. Likely no impact - sufficient buildable acres exist to accommodate new construction while avoiding cultural resources.	#230-232 - 550+ arch resource sites, with restrictions on soil disturbance #233 - 88% surveyed #234 - 3 tribes assert interest; no formal consultations #235 - 34 historic properties listed #236 - No programmatic agreement ISR2 shows access to sites impacts mission.
Dr ed g- ing	No impact.	
Land Use Constraints/Sensitive	No impact.	Buildable Acres - <10 req'd, with 489 acres available (489 excludes tng & hsg BA) #201,254,256 - No constraints.
Marine Mammals/Marine	No impact.	

Noise	No impact - Negligible new noise attributed to this proposal.	#239 - 138 acres of Noise Zone 2 extend outside installation, which is minimally encroached by development.
Threatened & Endangered Species/Critical Habitat	TES on installation include Indiana Bat, Gray Bat and the Bald Eagle with <2% of training land restricted. Additional operations may further impact threatened / endangered species leading to additional restrictions on training or operations.	#259, 261- show impacts. TES include Indiana Bat, Gray Bat, Bald Eagle, <2% of training land impacted (mostly caves) #260,262-264 - No candidate species/habitat ISR2 shows impact.
Waste Management	No impact.	#269 No RCRA Subpart X Permit - but none needed.
Water Resources	No impact.	#276,278,279,293 - No restrictions ISR2 - no impacts IREM shows water infrastructure can support 38,268 more people. #291- 1 On Military Installation Govt Owned Plant for potable water #297-1 On Military Installation Govt Owned Plant for sewage treatment #282-No industrial wastewater plant
Wetlands	No impact. Wetlands already restrict operations. Additional operations may impact wetlands, which may lead to operations that are restricted.	#251-Survey completed 5/95 #257 - 2.5% of range has vehicle traffic restricted by wetlands.

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED)
SCENARIO # 275 & 499 (E&T-0029V3)

Env Resource Area	<i>Losing</i> Installation Assessment Inst Name: Ft Belvoir	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact.	N/A- Negligible environmental impacts – installation is not closing.
Cultural/ Archeological Resources	No impact.	
Dredging	No impact.	
Land Use Constraints/Sensitive Resource Areas	No impact.	
Marine Mammals/ Marine Resources / Marine Sanctuaries	No impact.	
Noise	No impact.	
Threatened & Endangered Species/ Critical Habitats	No impact.	
Waste Management	No impact.	
Water Resources	No impact.	
Wetlands	No impact.	

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED)
SCENARIO #275 & 499 (E&T-0029V3)

IMPACTS OF COSTS

Env Resource Area	Gaining Installation Inst Name: Ft Leonard Wood	Losing Installation Inst Name: Ft Belvoir
Environmental Restoration*	None.	N/A- installation is not closing.
Waste Management	None.	N/A
Environmental Compliance	-Develop Programmatic Agreement - \$10K -Conduct tribal gov't-to-gov't consultation - \$500-\$2K per meeting -Re-alignment NEPA at gaining base: \$100K (EA) (Based on moving pop of approximately 100 personnel) -Endangered Species Management (includes monitoring) -\$20K-\$2M	N/A
COBRA Costs:	NEPA (EA) - \$100K.	N/A

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INSTALLATION ENVIRONMENTAL PROFILE

FORT LEONARD WOOD**1. Air Quality (DoD Question #210-225):**

- a. The Clean Air Act (CAA) establishes health-based standards for air quality and all areas of the country are monitored to determine if they meet the standards. A major limiting factor is whether the installation is in an area designated nonattainment or maintenance (air quality is not meeting the standard) and is therefore subject to more stringent requirements, including the CAA General Conformity Rule. Conformity requires that any new emissions from military sources brought into the area must be offset by credits or accounted for in the State Implementation Plan (SIP) emissions budget. The criteria pollutants of concern include: CO, O3 (1 hour & 8 Hour), and PM (PM10, and PM2.5). Installations in attainment areas are not restricted, while activities for installations in non-attainment areas may be restricted. Non-attainment areas are classified as to the degree of non-attainment: Marginal, Moderate, Serious, and in the case of O3, Severe and Extreme. SIP Growth Allowances and Emission Reduction Credits are tools that can be used to accommodate increased emissions in a manner that conforms to a state's SIP. All areas of the country require operating permits if emissions from stationary sources exceed certain threshold amounts. Major sources already exceed the amount and are subject to permit requirements. Synthetic minor means the base has accepted legal limits to its emissions to stay under the major source threshold. Natural or true minor means the actual and potential emissions are below the threshold.
- b. FORT LEONARD WOOD is in Attainment for all Criteria Pollutants.

2. Cultural/Archeological/Tribal Resources (DoD Question #229-237):

- a. Many installations have historical, archeological, cultural and Tribal sites of interest. These sites and access to them often must be maintained, or consultation is typically required before changes can be made. The sites and any buffers surrounding them may reduce the quantity or quality of land or airspace available for training and maneuvers or even construction of new facilities. The presence of such sites needs to be recognized, but the fact that restrictions actually occur is the overriding factor the data call is trying to identify. A programmatic agreement with the State Historic Preservation Office (SHPO) facilitates management of these sites.
- b. Historic property has been identified on FORT LEONARD WOOD. There is no programmatic agreement for historic property in place with the SHPO. It has sites with high archeological potential identified, which restrict operations and do not restrict construction.

3. Dredging (DoD Question # 226-228):

- a. Dredging allows for free navigation of vessels through ports, channels, and rivers. Identification of sites with remaining capacity for the proper disposal of dredge spoil is the primary focus of the profile. However, the presence of unexploded ordnance or any other impediment that restricts the ability to dredge is also a consideration.
- b. FORT LEONARD WOOD has no impediments to dredging.

4. Land Use Constraints/Sensitive Resource Areas (DoD Question #198-201, 238, 240-247, 254-256, 273):

- a. Land use can be encroached from both internal and external pressures. This resource area combines several different types of possible constraints. It captures the variety of constraints not otherwise covered by other areas that could restrict operations or development. The areas include electromagnetic radiation or emissions, environmental restoration sites (on and off installation), military munitions response areas, explosive safety quantity distance arcs, treaties, underground storage tanks, sensitive resource areas, as well as policies, rules, regulations, and activities of other federal, state, tribal and local agencies. This area also captures other constraining factors from animals and wildlife that are not endangered but cause operational restrictions. This resource area specifically includes information on known environmental restoration costs through FY03 and the projected cost-to-complete the restoration.

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- b. FORT LEONARD WOOD reports that 25429 unconstrained acres are available for development out of 62911 total acres. FORT LEONARD WOOD has spent \$0M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$0M. FORT LEONARD WOOD has Explosive Safety Quantity Distance Arcs, some of which require safety waivers, and all with the potential for expansion. It has Military Munitions Response Areas.

5. Marine Mammal/Marine Resources/Marine Sanctuaries (DoD Question #248-250, 252-253):

- a. This area captures the extent of any restrictions on near shore or open water testing, training or operations as a result of laws protecting Marine Mammals, Essential Fish Habitat, and other related marine resources.
- b. FORT LEONARD WOOD is not impacted by laws and regulations pertaining to Marine Mammal Protection Act, Essential Fish Habitats & Fisheries and Marine Sanctuaries, which may adversely restrict navigation and operations.

6. Noise (DoD Question # 202-209, 239):

- a. Military operations, particularly aircraft operations and weapons firing, may generate noise that can impact property outside of the installation. Installations with significant noise will typically generate maps that predict noise levels. These maps are then used to identify whether the noise levels are compatible with land uses in these noise-impacted areas. Installations will often publish noise abatement procedures to mitigate these noise impacts.
- b. FORT LEONARD WOOD has noise contours that extend off the installation's property. Of the 138 acres that extend to off-base property, 0 acres have incompatible land uses. It does not have published noise abatement procedures for the main installation. It has published noise abatement procedures for the training and/or RDT&E range.

7. Threatened and Endangered Species/Critical Habitat (DoD Question #259-264)

- a. The presence of threatened and endangered species (TES) can result in restrictions on training, testing and operations. They serve to reduce buildable acres and maneuver space. The data in this section reflects listed TES as well as candidate species, designated critical habitat as well as proposed habitat, and restrictions from Biological Opinions. The legally binding conditions in Biological Opinions are designed to protect TES, and critical habitat. The data call seeks to identify the presence of the resource, TES, candidate or critical habitat, even if they don't result in restrictions, as well places where restrictions do exist.
- b. FORT LEONARD WOOD reported that federally-listed TES are present that have delayed or diverted operations/training/testing, candidate species are not present, critical habitat is not present, and the installation has a Biological Opinion that places restrictions on operations.

8. Waste Management (DoD Question # 265-272):

- a. This resource area identifies whether the installation has existing waste treatment and/or disposal capabilities, whether there is additional capacity, and in some case whether the waste facility can accept off-site waste. This area includes Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal facilities, solid waste disposal facilities, RCRA Subpart X (open/burning/open detonation) and operations.
- b. FORT LEONARD WOOD does not have a permitted RCRA Treatment Storage and Disposal Facility (TSDF). FORT LEONARD WOOD does not have an interim or final RCRA Part X facility. FORT LEONARD WOOD does not have an on-base solid waste disposal facility.

9. Water Resources (DoD Question # 258, 274-299):

- a. This resource area asks about the condition of ground and surface water, and the legal status of water rights. Water is essential for installation operations and plays a vital role in the proper functioning of the surrounding ecosystems. Contamination of ground or surface waters can result in restrictions on training and operations and require funding to study and remediate. Federal clean water laws require states to identify impaired waters and to restrict the discharge of certain pollutants into those waters. Federal safe drinking water laws can require alternative sources of water and restrict activities above groundwater supplies particularly sole source aquifers. Water resources are also affected by the McCarran Amendment (1952), where Congress returned substantial power to the states with respect to the management of water. The amendment requires that the Federal government waive its sovereign immunity in cases involving the general adjudication of water rights. On the other hand existence of Federal Reserve Water Rights can provide more ability to the government to use water on federal lands.
- b. FORT LEONARD WOOD does not discharge to an impaired waterway. Groundwater contamination is not reported. Surface water contamination is not reported. The state requires permits for the withdrawal of groundwater.
(The following water quantity data is from DoD Question # 282, 291, 297, 822, 825, 826):
FORT LEONARD WOOD has 19168.900000000001 Acre-Feet of surplus water potentially available for expansion. On average, it uses 3.2999999999999998 MGD of potable and non-potable water, with the capacity to produce 6.7999999999999998 MGD. It processed on average 5.46 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process 5 MGD. It processed on average 0 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process (No Capacity Reported) MGD.

10. Wetlands (DoD Question # 251, 257):

- a. The existence of jurisdictional wetlands poses restraints on the use of land for training, testing or operations. In the data call the installations were asked to report the presence of jurisdictional wetlands and compare the percent of restricted acres to the total acres. The presence of jurisdictional wetlands may reduce the ability of an installation to assume new or different missions, even if they do not presently pose restrictions, by limiting the availability of land.
- b. FORT LEONARD WOOD reported no wetland restricted acres on the main installation, and 2.5% wetland restricted acres on ranges.

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INSTALLATION ENVIRONMENTAL PROFILE
FORT BELVOIR

1. Air Quality (DoD Question #210-225):

- a. The Clean Air Act (CAA) establishes health-based standards for air quality and all areas of the country are monitored to determine if they meet the standards. A major limiting factor is whether the installation is in an area designated nonattainment or maintenance (air quality is not meeting the standard) and is therefore subject to more stringent requirements, including the CAA General Conformity Rule. Conformity requires that any new emissions from military sources brought into the area must be offset by credits or accounted for in the State Implementation Plan (SIP) emissions budget. The criteria pollutants of concern include: CO, O₃ (1 hour & 8 Hour), and PM (PM₁₀, and PM_{2.5}). Installations in attainment areas are not restricted, while activities for installations in non-attainment areas may be restricted. Non-attainment areas are classified as to the degree of non-attainment: Marginal, Moderate, Serious, and in the case of O₃, Severe and Extreme. SIP Growth Allowances and Emission Reduction Credits are tools that can be used to accommodate increased emissions in a manner that conforms to a state's SIP. All areas of the country require operating permits if emissions from stationary sources exceed certain threshold amounts. Major sources already exceed the amount and are subject to permit requirements. Synthetic minor means the base has accepted legal limits to its emissions to stay under the major source threshold. Natural or true minor means the actual and potential emissions are below the threshold.
- b. FORT BELVOIR is in Moderate Nonattainment for Ozone (1 hr). FORT BELVOIR is proposed to be in Nonattainment for Ozone (8 hour). It holds a CAA Major Operating Permit. It holds 2 CAA Minor Operating Permits. No emission credit program available. No SIP growth allowance has been allocated for this installation. FORT BELVOIR is in an area projected or proposed to be designated nonattainment for the 8-hour Ozone or the PM_{2.5} NAAQS.

2. Cultural/Archeological/Tribal Resources (DoD Question #229-237):

- a. Many installations have historical, archeological, cultural and Tribal sites of interest. These sites and access to them often must be maintained, or consultation is typically required before changes can be made. The sites and any buffers surrounding them may reduce the quantity or quality of land or airspace available for training and maneuvers or even construction of new facilities. The presence of such sites needs to be recognized, but the fact that restrictions actually occur is the overriding factor the data call is trying to identify. A programmatic agreement with the State Historic Preservation Office (SHPO) facilitates management of these sites.
- b. Historic property has been identified on FORT BELVOIR. There is no programmatic agreement for historic property in place with the SHPO. It does not have sites with high archeological potential identified.

3. Dredging (DoD Question # 226-228):

- a. Dredging allows for free navigation of vessels through ports, channels, and rivers. Identification of sites with remaining capacity for the proper disposal of dredge spoil is the primary focus of the profile. However, the presence of unexploded ordnance or any other impediment that restricts the ability to dredge is also a consideration.
- b. FORT BELVOIR has impediments to dredging.

4. Land Use Constraints/Sensitive Resource Areas (DoD Question #198-201, 238, 240-247, 254-256, 273):

- a. Land use can be encroached from both internal and external pressures. This resource area combines several different types of possible constraints. It captures the variety of constraints not otherwise covered by other areas that could restrict operations or development. The areas include electromagnetic radiation or emissions, environmental restoration sites (on and off installation), military munitions response areas, explosive safety quantity distance arcs, treaties, underground storage tanks, sensitive resource areas, as well as policies, rules, regulations, and activities of other federal, state, tribal and local agencies. This area also captures other constraining factors from animals and wildlife

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that are not endangered but cause operational restrictions. This resource area specifically includes information on known environmental restoration costs through FY03 and the projected cost-to-complete the restoration.

- b. FORT BELVOIR reports that 6411 unconstrained acres are available for development out of 9059 total acres. FORT BELVOIR has spent \$2063M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$689M. FORT BELVOIR has Explosive Safety Quantity Distance Arcs, none of which require safety waivers, and none with the potential for expansion. It has restrictions due to adjacent or nearby Sensitive Resource Area.

5. Marine Mammal/Marine Resources/Marine Sanctuaries (DoD Question #248-250, 252-253):

- a. This area captures the extent of any restrictions on near shore or open water testing, training or operations as a result of laws protecting Marine Mammals, Essential Fish Habitat, and other related marine resources.
- b. FORT BELVOIR is impacted by laws and regulations pertaining to Marine Mammal Protection Act, Essential Fish Habitats & Fisheries and Marine Sanctuaries, which may adversely restrict navigation and operations.

6. Noise (DoD Question # 202-209, 239):

- a. Military operations, particularly aircraft operations and weapons firing, may generate noise that can impact property outside of the installation. Installations with significant noise will typically generate maps that predict noise levels. These maps are then used to identify whether the noise levels are compatible with land uses in these noise-impacted areas. Installations will often publish noise abatement procedures to mitigate these noise impacts.
- b. FORT BELVOIR does not have noise contours that extend off the installation's property. It does not have published noise abatement procedures for the main installation.

7. Threatened and Endangered Species/Critical Habitat (DoD Question #259-264)

- a. The presence of threatened and endangered species (TES) can result in restrictions on training, testing and operations. They serve to reduce buildable acres and maneuver space. The data in this section reflects listed TES as well as candidate species, designated critical habitat as well as proposed habitat, and restrictions from Biological Opinions. The legally binding conditions in Biological Opinions are designed to protect TES, and critical habitat. The data call seeks to identify the presence of the resource, TES, candidate or critical habitat, even if they don't result in restrictions, as well places where restrictions do exist.
- b. FORT BELVOIR reported that federally-listed TES are present that have delayed or diverted operations/training/testing, candidate species are not present, critical habitat is not present, and the installation does not have a Biological Opinion.

8. Waste Management (DoD Question # 265-272):

- a. This resource area identifies whether the installation has existing waste treatment and/or disposal capabilities, whether there is additional capacity, and in some case whether the waste facility can accept off-site waste. This area includes Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal facilities, solid waste disposal facilities, RCRA Subpart X (open/burning/open detonation) and operations.

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Profile generated on 09/08/2004 with data as of 09/02/2004

- b. FORT BELVOIR has a permitted RCRA Treatment Storage and Disposal Facility (TSDF). FORT BELVOIR does not have an interim or final RCRA Part X facility. FORT BELVOIR does not have an on-base solid waste disposal facility.

9. Water Resources (DoD Question # 258, 274-299):

- a. This resource area asks about the condition of ground and surface water, and the legal status of water rights. Water is essential for installation operations and plays a vital role in the proper functioning of the surrounding ecosystems. Contamination of ground or surface waters can result in restrictions on training and operations and require funding to study and remediate. Federal clean water laws require states to identify impaired waters and to restrict the discharge of certain pollutants into those waters. Federal safe drinking water laws can require alternative sources of water and restrict activities above groundwater supplies particularly sole source aquifers. Water resources are also affected by the McCarran Amendment (1952), where Congress returned substantial power to the states with respect to the management of water. The amendment requires that the Federal government waive its sovereign immunity in cases involving the general adjudication of water rights. On the other hand existence of Federal Reserve Water Rights can provide more ability to the government to use water on federal lands.
- b. FORT BELVOIR does not discharge to an impaired waterway. Groundwater contamination is reported. Surface water contamination is reported.
(The following water quantity data is from DoD Question # 282, 291, 297, 822, 825, 826):
FORT BELVOIR has -2197.0999999999999 Acre-Feet of surplus water potentially available for expansion. On average, it uses 2 MGD of potable and non-potable water, with the capacity to produce 4.4000000000000004 MGD. It processed on average 1.8500000000000001 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process 6 MGD. It processed on average 0 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process (No Capacity Reported) MGD.

10. Wetlands (DoD Question # 251, 257):

- a. The existence of jurisdictional wetlands poses restraints on the use of land for training, testing or operations. In the data call the installations were asked to report the presence of jurisdictional wetlands and compare the percent of restricted acres to the total acres. The presence of jurisdictional wetlands may reduce the ability of an installation to assume new or different missions, even if they do not presently pose restrictions, by limiting the availability of land.
- b. FORT BELVOIR reported 10.2% wetland restricted acres on the main installation, and no wetland restricted acres on ranges.

PersSum

COBRA TOTAL PERSONNEL SUMMARY REPORT (COBRA v6.10)

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TOTAL SCENARIO POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
2,348	7,809	18,513	12,486

TOTAL PROGRAMMED INSTALLATION (NON-BRAC) CHANGES, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	3	0	0	0	3
Enlisted	0	0	3	0	0	0	3
Students	182	123	0	0	0	0	305
Civilians	-6	-2	0	-3	0	0	-11
TOTAL	176	121	6	-3	0	0	300

TOTAL SCENARIO POPULATION (FY 2005, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
2,351	7,812	18,818	12,475

TOTAL PERSONNEL REALIGNMENTS, ENTIRE SCENARIO):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	1	0	0	0	0	1
Enlisted	0	9	0	0	0	0	9
Students	0	61	0	0	0	0	61
Civilians	0	25	0	0	0	0	25
TOTAL	0	96	0	0	0	0	96

TOTAL SCENARIO POSITION CHANGES, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	-1	0	0	0	0	-1
Enlisted	0	-1	0	0	0	0	-1
Civilians	0	-4	0	0	0	0	-4
TOTAL	0	-6	0	0	0	0	-6

TOTAL SCENARIO POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
2,350	7,811	18,818	12,471

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PERSONNEL SUMMARY FOR: BELVOIR, VA (51062)

PersSum

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
1,585	1,699	393	10,526

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: BELVOIR, VA (51062)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	3	0	0	0	3
Enlisted	0	0	3	0	0	0	3
Students	6	1	0	0	0	0	7
Civilians	-6	-2	0	-3	0	0	-11
TOTAL	0	-1	6	-3	0	0	2

BASE POPULATION (Prior to BRAC Action) FOR: BELVOIR, VA (51062)

Officers	Enlisted	Students	Civilians
1,588	1,702	400	10,515

PERSONNEL REALIGNMENTS:

To Base: LEONARD WOOD, MO (29977)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	1	0	0	0	0	1
Enlisted	0	9	0	0	0	0	9
Students	0	61	0	0	0	0	61
Civilians	0	25	0	0	0	0	25
TOTAL	0	96	0	0	0	0	96

TOTAL PERSONNEL REALIGNMENTS (Out of BELVOIR, VA (51062)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	1	0	0	0	0	1
Enlisted	0	9	0	0	0	0	9
Students	0	61	0	0	0	0	61
Civilians	0	25	0	0	0	0	25
TOTAL	0	96	0	0	0	0	96

SCENARIO POSITION CHANGES FOR: BELVOIR, VA (51062)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	-1	0	0	0	0	-1
Enlisted	0	-1	0	0	0	0	-1
Civilians	0	-4	0	0	0	0	-4
TOTAL	0	-6	0	0	0	0	-6

BASE POPULATION (After BRAC Action) FOR: BELVOIR, VA (51062)

Officers	Enlisted	Students	Civilians
1,586	1,692	339	10,486

PERSONNEL SUMMARY FOR: LEONARD WOOD, MO (29977)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
763	6,110	18,120	1,960

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: LEONARD WOOD, MO (29977)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0

			PersSum				
Students	176	122	0	0	0	0	298
Civilians	0	0	0	0	0	0	0
TOTAL	176	122	0	0	0	0	298

COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 3
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BASE POPULATION (Prior to BRAC Action) FOR: LEONARD WOOD, MO (29977)

Officers	Enlisted	Students	Civilians
763	6,110	18,418	1,960

PERSONNEL REALIGNMENTS:
 From Base: BELVOIR, VA (51062)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	1	0	0	0	0	1
Enlisted	0	9	0	0	0	0	9
Students	0	61	0	0	0	0	61
Civilians	0	25	0	0	0	0	25
TOTAL	0	96	0	0	0	0	96

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TOTAL PERSONNEL REALIGNMENTS (Into LEONARD WOOD, MO (29977)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	1	0	0	0	0	1
Enlisted	0	9	0	0	0	0	9
Students	0	61	0	0	0	0	61
Civilians	0	25	0	0	0	0	25
TOTAL	0	96	0	0	0	0	96

BASE POPULATION (After BRAC Action) FOR: LEONARD WOOD, MO (29977)

Officers	Enlisted	Students	Civilians
764	6,119	18,479	1,985

PersImp
 TOTAL COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 1/3
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	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	25	0	0	0	0	25
Early Retirement*	8.10%	0	2	0	0	0	0	2
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	2	0	0	0	0	2
Civs Not Moving (RIFs)*	6.00%	0	2	0	0	0	0	2
Civilians Moving (the remainder)		0	19	0	0	0	0	19
Civilian Positions Available		0	6	0	0	0	0	6
CIVILIAN POSITIONS ELIMINATED		0	4	0	0	0	0	4
Early Retirement	8.10%	0	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	2	0	0	0	0	2
Civilians Available to Move		0	2	0	0	0	0	2
Civilians Moving		0	2	0	0	0	0	2
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	25	0	0	0	0	25
Civilians Moving		0	21	0	0	0	0	21
New Civilians Hired		0	4	0	0	0	0	4
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		0	2	0	0	0	0	2
TOTAL CIVILIAN RIFs		0	2	0	0	0	0	2
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	2	0	0	0	0	2
TOTAL CIVILIAN NEW HIRES		0	4	0	0	0	0	4

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

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Base: BELVOIR, VA (51062)

	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	25	0	0	0	0	25
Early Retirement*	8.10%	0	2	0	0	0	0	2
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	2	0	0	0	0	2
Civs Not Moving (RIFs)*	6.00%	0	2	0	0	0	0	2
Civilians Moving (the remainder)		0	19	0	0	0	0	19

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Civilian Positions Available	0	6	0	0	0	0	6
CIVILIAN POSITIONS ELIMINATED	0	4	0	0	0	0	4
Early Retirement 8.10%	0	0	0	0	0	0	0
Regular Retirement 1.67%	0	0	0	0	0	0	0
Civilian Turnover 9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)* 6.00%	0	0	0	0	0	0	0
Priority Placement# 39.97%	0	2	0	0	0	0	2
Civilians Available to Move	0	2	0	0	0	0	2
Civilians Moving	0	2	0	0	0	0	2
Civilian RIFs (the remainder)	0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN	0	0	0	0	0	0	0
Civilians Moving	0	0	0	0	0	0	0
New Civilians Hired	0	0	0	0	0	0	0
Other Civilian Additions	0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS	0	2	0	0	0	0	2
TOTAL CIVILIAN RIFs	0	2	0	0	0	0	2
TOTAL CIVILIAN PRIORITY PLACEMENTS#	0	2	0	0	0	0	2
TOTAL CIVILIAN NEW HIRES	0	0	0	0	0	0	0

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

□ COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 3/3
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Update to - US Army Engineer School-LW_II (.cbr)
Option Pkg Name: Consolidate US Army Engineer School
Std Fctrs File : H:\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: LEONARD WOOD, MO (29977)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement* 8.10%		0	0	0	0	0	0	0
Regular Retirement* 1.67%		0	0	0	0	0	0	0
Civilian Turnover* 9.16%		0	0	0	0	0	0	0
Civs Not Moving (RIFs)* 6.00%		0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0
Early Retirement 8.10%		0	0	0	0	0	0	0
Regular Retirement 1.67%		0	0	0	0	0	0	0
Civilian Turnover 9.16%		0	0	0	0	0	0	0
Civs Not Moving (RIFs)* 6.00%		0	0	0	0	0	0	0
Priority Placement# 39.97%		0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	25	0	0	0	0	25
Civilians Moving		0	21	0	0	0	0	21
New Civilians Hired		0	4	0	0	0	0	4
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0	0

	PersImp						
TOTAL CIVILIAN RIFS	0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#	0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES	0	4	0	0	0	0	4

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

OneTime

TOTAL COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 1/3
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(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	3,655,463	
Total - Construction		3,655,463
Personnel		
Civilian RIF	118,626	
Civilian Early Retirement	24,778	
Eliminated Military PCS	14,476	
Unemployment	8,902	
Total - Personnel		166,782
Overhead		
Program Management Cost	74,588	
Support Contract Termination	0	
Mothball / Shutdown	18,000	
Total - Overhead		92,588
Moving		
Civilian Moving	940,142	
Civilian PPP	35,496	
Military Moving	36,670	
Freight	330,231	
Information Technologies	18,400	
One-Time Moving Costs	0	
Total - Moving		1,360,938
Other		
HAP / RSE	0	
Environmental Mitigation Costs	100,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	647,000	
Total - Other		747,000

Total One-Time Costs		6,022,771

One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	18,573	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		18,573

Total Net One-Time Costs		6,004,198

COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 2/3
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Option Pkg Name: Consolidate US Army Engineer School
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Base: BELVOIR, VA (51062)
(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	118,626	
Civilian Early Retirement	24,778	
Eliminated Military PCS	14,476	
Unemployment	8,902	
Total - Personnel		166,782
Overhead		
Program Management Cost	74,588	
Support Contract Termination	0	
Mothball / Shutdown	18,000	
Total - Overhead		92,588
Moving		
Civilian Moving	940,142	
Civilian PPP	35,496	
Military Moving	36,670	
Freight	330,231	
Information Technologies	18,400	
One-Time Moving Costs	0	
Total - Moving		1,360,938
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		0

Total One-Time Costs		1,620,309

One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	18,573	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		18,573

Total Net One-Time Costs		1,601,735

□ COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 3/3
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OneTime

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Base: LEONARD WOOD, MO (29977)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	3,655,463	
Total - Construction		3,655,463
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Management Cost	0	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPP	0	
Military Moving	0	
Freight	0	
Information Technologies	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	100,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	647,000	
Total - Other		747,000

Total One-Time Costs		4,402,463

One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		0

Total Net One-Time Costs		4,402,463

MilConAs
 TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)
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All values in 2005 Constant Dollars

Base Name	Total MilCon*	Milcon Cost Avoidence	Total Net Costs
BELVOIR	0	0	0
LEONARD WOOD	3,655,463	0	3,655,463
Totals:	3,655,463	0	3,655,463

* All MilCon Costs include Design, Site Preparation, Contingency Planning, and SIOH Costs where applicable.

COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10) - Page 2
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MilCon for Base: LEONARD WOOD, MO (29977)

All values in 2005 Constant Dollars (\$K)

Rehab FAC Title Type	Rehab Cost*	Total Cost*	UM	New MilCon	New Cost*	Using Rehab
1711 General Purpose Instruction Building Default	0	213	SF	1,000	213	0
1712 Applied Instruction Building Default	0	2,410	SF	10,000	2,410	0
7210 Enlisted Unaccompanied Personnel Housing Default	0	1,032	SF	5,000	1,032	0
						Total
Construction Cost:		3,655				
Construction Cost Avoid:		0				
						Total Net
Milcon Cost:		3,655				

* All MilCon Costs include Design, Site Preparation, Contingency Planning, and SIOH Costs where applicable.

EIR
 COBRA ECONOMIC IMPACT REPORT (COBRA v6.10)

Data As Of 5/23/2005 2:31:01 PM, Report Created 5/31/2005 10:11:55 AM

Department : Army
 Scenario File : S:\R & A\COBRA Analysis Team\Official COBRA Files\Education &
 Training JCSG COBRA\127 - Prime Power to Fort Leonard Wood, MO\TAB 3\E&T 0029 - TABS
 Update to - US Army Engineer School-LW_II (.cbr
 Option Pkg Name: Consolidate US Army Engineer School
 Std Fctrs File : H:\COBRA 6.10 April 21 2005\BRAC2005.SFF

BELVOIR, VA (51062)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	12	0	0	0	0	12
NET CHANGE-Mil	0	-12	0	0	0	0	-12
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	29	0	0	0	0	29
NET CHANGE-Civ	0	-29	0	0	0	0	-29
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	61	0	0	0	0	61
NET CHANGE-Stu	0	-61	0	0	0	0	-61

*10 x 10
2 square*
*25 Men
4 Boy*

LEONARD WOOD, MO (29977)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	10	0	0	0	0	10
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	10	0	0	0	0	10
Jobs Gained-Civ	0	25	0	0	0	0	25
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	25	0	0	0	0	25
Jobs Gained-Stu	0	61	0	0	0	0	61
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	61	0	0	0	0	61

Deltas
 COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10)
 Data As Of 5/23/2005 2:31:01 PM, Report Created 5/31/2005 10:11:56 AM

Department : Army
 Scenario File : S:\R & A\COBRA Analysis Team\Official COBRA Files\Education & Training JCSG COBRA\127 - Prime Power to Fort Leonard wood, MO\TAB 3\E&T 0029 - TABS
 Update to - US Army Engineer School-LW_II (.cbr
 Option Pkg Name: Consolidate US Army Engineer School
 Std Fctrs File : H:\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base	Personnel			
	Start*	Finish*	Change	%Change
BELVOIR	14,205	14,103	-102	-1%
LEONARD WOOD	27,251	27,347	96	0%
TOTAL	41,456	41,450	-6	0%

Base	Square Footage				
	Start	Finish	Change	%Change	Chg/Per
BELVOIR	12,025,000	11,985,000	-40,000	0%	392
LEONARD WOOD	14,756,000	14,772,000	16,000	0%	167
TOTAL	26,781,000	26,757,000	-24,000	0%	4,000

Base	Base Operations Support (2005\$)				
	Start*	Finish*	Change	%Change	Chg/Per
BELVOIR	11,641,996	11,593,600	-48,396	0%	474
LEONARD WOOD	53,983,013	54,120,904	137,891	0%	1,436
TOTAL	65,625,008	65,714,504	89,496	0%	-14,916

Base	Sustainment (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
BELVOIR	27,467,854	27,376,485	-91,369	0%	896
LEONARD WOOD	42,381,522	42,432,201	50,679	0%	528
TOTAL	69,849,376	69,808,686	-40,690	0%	6,782

Base	Recapitalization (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
BELVOIR	19,878,161	19,812,038	-66,123	0%	648
LEONARD WOOD	27,567,645	27,600,205	32,559	0%	339
TOTAL	47,445,806	47,412,243	-33,563	0%	5,594

Base	Sustain + Recap + BOS (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
BELVOIR	58,988,011	58,782,123	-205,887	0%	2,018
LEONARD WOOD	123,932,180	124,153,309	221,130	0%	2,303
TOTAL	182,920,191	182,935,433	15,242	0%	-2,540

Base	Plant Replacement Value (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
BELVOIR	2,047,450,590	2,040,639,943	-6,810,646	0%	66,771
LEONARD WOOD	2,839,467,440	2,842,821,075	3,353,635	0%	34,934

Deltas

TOTAL 4,886,918,030 4,883,461,019 -3,457,011 0% 576,168
□ COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10) - Page 2
Data As Of 5/23/2005 2:31:01 PM, Report Created 5/31/2005 10:11:56 AM

Department : Army
Scenario File : S:\R & A\COBRA Analysis Team\Official COBRA Files\Education &
Training JCSG COBRA\127 - Prime Power to Fort Leonard Wood, MO\TAB 3\E&T 0029 - TABS
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Option Pkg Name: Consolidate US Army Engineer School
Std Fctrs File : H:\COBRA 6.10 April 21 2005\BRAC2005.SFF

* "Start" and "Finish" values for Personnel and BOS both include the Programmed
Installation Population (non-BRAC) Changes, so that only changes attributable
to the BRAC action are reflected in the "Change" columns of this report.

Rollup
 COBRA INDIVIDUAL INSTALLATION ROLLUP (COBRA v6.10)
 Data As Of 5/23/2005 2:31:01 PM, Report Created 5/31/2005

10:11:59 AM

Department : Army
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 Option Pkg Name: Consolidate US Army Engineer School
 Std Fctrs File : H:\COBRA 6.10 April 21 2005\BRAC2005.SFF

BaseCode	Base Name	Delta Square Footage	Military		Civilian		Delta BOS(\$K)
			Add/Elim Delta	Add/Elim PRV(\$K)	Realign ST	Realign	
51062	BELVOIR		-2	-4	-10	-25	-48,396
	-91,369	-40,000	-6,810,646	VA			
29977	LEONARD WOOD		0	0	10	25	137,891
	50,679	16,000	3,353,635	MO			

PersPerc

COBRA PERSONNEL YEARLY PERCENTAGES REPORT (COBRA v6.10)
 Data As Of 5/23/2005 2:31:01 PM, Report Created 5/31/2005 10:11:56 AM

Department : Army
 Scenario File : S:\R & A\COBRA Analysis Team\Official COBRA Files\Education & Training JCSG COBRA\127 - Prime Power to Fort Leonard Wood, MO\TAB 3\E&T 0029 - TABS
 Update to - US Army Engineer School-LW_II (.cbr
 Option Pkg Name: Consolidate US Army Engineer School
 Std Fctrs File : H:\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: BELVOIR, VA (51062)

Year	Pers Moved Total	In/Added Percent	MilCon TimePhase	Pers Moved Total	Out/Eliminated Percent	ShutDn TimePhase
2006	0	0.00%	100.00%	0	0.00%	0.00%
2007	0	0.00%	0.00%	102	100.00%	100.00%
2008	0	0.00%	0.00%	0	0.00%	0.00%
2009	0	0.00%	0.00%	0	0.00%	0.00%
2010	0	0.00%	0.00%	0	0.00%	0.00%
2011	0	0.00%	0.00%	0	0.00%	0.00%
TOTALS	0	0.00%	100.00%	102	100.00%	100.00%

Base: LEONARD WOOD, MO (29977)

Year	Pers Moved Total	In/Added Percent	MilCon TimePhase	Pers Moved Total	Out/Eliminated Percent	ShutDn TimePhase
2006	0	0.00%	100.00%	0	0.00%	16.67%
2007	96	100.00%	0.00%	0	0.00%	16.67%
2008	0	0.00%	0.00%	0	0.00%	16.67%
2009	0	0.00%	0.00%	0	0.00%	16.67%
2010	0	0.00%	0.00%	0	0.00%	16.67%
2011	0	0.00%	0.00%	0	0.00%	16.67%
TOTALS	96	100.00%	100.00%	0	0.00%	100.00%

Overhead
 COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.10)
 Data As Of 5/23/2005 2:31:01 PM, Report Created 5/31/2005 10:11:56 AM

Department : Army
 Scenario File : S:\R & A\COBRA Analysis Team\Official COBRA Files\Education & Training JCSG COBRA\127 - Prime Power to Fort Leonard Wood, MO\TAB 3\E&T 0029 - TABS
 Update to - US Army Engineer School-LW_II (.cbr)
 Option Pkg Name: Consolidate US Army Engineer School
 Std Fctrs File : H:\COBRA 6.10 April 21 2005\BRAC2005.SFF

Net Change(\$K)		2006	2007	2008	2009	2010
2011	Total	Beyond				
Sustain Change		51	-41	-41	-41	-41
-41	-153	-41				
Recap Change		32	-33	-33	-33	-33
-33	-135	-33				
BOS Change		0	89	89	89	89
89	447	89				
Housing Change		0	0	0	0	0
0	0	0				

TOTAL CHANGES		83	15	15	15	15
15	159	15				

BELVOIR, VA (51062)

Net Change(\$K)		2006	2007	2008	2009	2010
2011	Total	Beyond				
Sustain Change		0	-91	-91	-91	-91
-91	-457	-91				
Recap Change		0	-66	-66	-66	-66
-66	-331	-66				
BOS Change		0	-48	-48	-48	-48
-48	-242	-48				
Housing Change		0	0	0	0	0
0	0	0				

TOTAL CHANGES		0	-206	-206	-206	-206
-206	-1,029	-206				

LEONARD WOOD, MO (29977)

Net Change(\$K)		2006	2007	2008	2009	2010
2011	Total	Beyond				
Sustain Change		51	51	51	51	51
51	304	51				
Recap Change		32	32	32	32	32
32	195	32				
BOS Change		0	138	138	138	138
138	689	138				
Housing Change		0	0	0	0	0
0	0	0				

TOTAL CHANGES		83	221	221	221	221
221	1,189	221				

NPV

COBRA NET PRESENT VALUES REPORT (COBRA v6.10)

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Department : Army
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Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
-----	-----	-----	-----
2006	3,881,323	3,828,099	3,828,099
2007	1,964,405	1,884,696	5,712,795
2008	-482,821	-450,612	5,262,183
2009	-482,821	-438,339	4,823,844
2010	-482,821	-426,400	4,397,444
2011	-482,821	-414,786	3,982,658
2012	-482,821	-403,488	3,579,170
2013	-482,821	-392,498	3,186,672
2014	-482,821	-381,807	2,804,864
2015	-482,821	-371,408	2,433,456
2016	-482,821	-361,292	2,072,164
2017	-482,821	-351,451	1,720,713
2018	-482,821	-341,879	1,378,834
2019	-482,821	-332,567	1,046,267
2020	-482,821	-323,509	722,758
2021	-482,821	-314,697	408,061
2022	-482,821	-306,125	101,936
2023	-482,821	-297,787	-195,852
2024	-482,821	-289,676	-485,528
2025	-482,821	-281,786	-767,315

InputDat
 COBRA INPUT DATA REPORT (COBRA v6.10)
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 Option Pkg Name: Consolidate US Army Engineer School
 Std Fctrs File : H:\COBRA 6.10 April 21 2005\BRAC2005.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 2006
 Model does Time-Phasing of Construction/Shutdown: Yes

Base Name, ST (Code)	Strategy:
-----	-----
BELVOIR, VA (51062)	Realignment
LEONARD WOOD, MO (29977)	Realignment

INPUT SCREEN TWO - DISTANCE TABLE
 (Only shows distances where personnel or equipment are moving)

Point A:	Point B:	Distance:
-----	-----	-----
BELVOIR, VA (51062)	LEONARD WOOD, MO (29977)	957 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from BELVOIR, VA (51062) to LEONARD WOOD, MO (29977)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Officer Positions:	0	1	0	0	0	0
Enlisted Positions:	0	9	0	0	0	0
Civilian Positions:	0	25	0	0	0	0
Student Positions:	0	61	0	0	0	0
Nonveh Missn Eqpt(tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	600	0	0	0	0
Mil Light Vehic (tons):	0	2	0	0	0	0
Heavy/Spec Vehic (tons):	0	0	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: BELVOIR, VA (51062)

Total Officer Employees:	1,585	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	1,699	Total Sustainment(\$K/Year):	27,468
Total Student Employees:	393	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	10,526	BOS Non-Payroll (\$K/Year):	11,641
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	47,707
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	2,047,450
Starting Facilities(KSF):	12,025	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	2,006	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	1,415		
Civ Locality Pay Factor:	1.146	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.02		Admits Visits Prescrip
Per Diem Rate (\$/Day):	201	CostFactor	7,029.66 94.00 28.15
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	2,212 190,340 153,436
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	86 8,689
Latitude:	38.683334	Retiree	620 82,951 143,920
Longitude:	-77.133334	Retiree65+	399 38,978 127,451

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 Option Pkg Name: Consolidate US Army Engineer School
 Std Fctrs File : H:\COBRA 6.10 April 21 2005\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: LEONARD WOOD, MO (29977)

Total Officer Employees:	763	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	6,110	Total Sustainment(\$K/Year):	42,381
Total Student Employees:	18,120	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	1,960	BOS Non-Payroll (\$K/Year):	53,555
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	74,145
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	2,839,467
Starting Facilities(KSF):	14,756	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	816	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	732		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.13		Admits Visits Prescrip
Per Diem Rate (\$/Day):	109	CostFactor	7,746.00 142.00 59.79
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	1,959 284,833 352,901
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	340 11,746
Latitude:	37.733334	Retiree	448 49,631 152,611
Longitude:	-92.116667	Retiree65+	213 8,542 106,678

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: BELVOIR, VA (51062)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqrd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):			40	FH ShDn:	0.000%

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Department : Army
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 Page 2

InputDat

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INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: LEONARD WOOD, MO (29977)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	647	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	100	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:		None Fac ShDn(KSF):		0	FH ShDn:	0.000%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: BELVOIR, VA (51062)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	-1	0	0	0	0
Enl Scenario Change:	0	-1	0	0	0	0
Civ Scenario Change:	0	-4	0	0	0	0
Off Prog nonBRAC Change:	0	0	3	0	0	0
Enl Prog nonBRAC Change:	0	0	3	0	0	0
Civ Prog nonBRAC Change:	-6	-2	0	-3	0	0
Stu Prog nonBRAC Change:	6	1	0	0	0	0
Prog FH Privatization:	100%	0%	0%	0%	0%	0%

Name: LEONARD WOOD, MO (29977)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	0	0	0
Off Prog nonBRAC Change:	0	0	0	0	0	0
Enl Prog nonBRAC Change:	0	0	0	0	0	0
Civ Prog nonBRAC Change:	0	0	0	0	0	0
Stu Prog nonBRAC Change:	176	122	0	0	0	0
Prog FH Privatization:	100%	0%	0%	0%	0%	0%

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Department : Army
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 Update to - US Army Engineer School-LW_II (.cbr
 Option Pkg Name: Consolidate US Army Engineer School
 Std Fctrs File : H:\COBRA 6.10 April 21 2005\BRAC2005.SFF

InputDat

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: LEONARD WOOD, MO (29977)

FAC	UM	New MilCon	Rehab MilCon	TotCost(\$K)	FPG Con CF	FPG Sust CF
1711	SF	1,000	0 Default	0	154.99	3.65
1712	SF	10,000	0 Default	0	175.25	2.71
7210	SF	5,000	0 Default	0	149.92	4.16

STANDARD FACTORS SCREEN ONE - PERSONNEL

SF File Descrip:

Perc Officers Accompanied:	72.00%	Priority Placement Program:	39.97%
Perc Enlisted Accompanied:	55.00%	PPP Actions Involving PCS:	50.70%
Officer Salary(\$/Year):	124,971.93	Civilian PCS Costs (\$):	35,496.00
Enlisted Salary(\$/Year):	82,399.09	Home Sale Reimburse Rate:	10.00%
Civilian Salary(\$/Year):	59,959.18	Max Home Sale Reimburs(\$):	50,000.00
Avg Unemploy Cost(\$/Week):	272.90	Home Purch Reimburse Rate:	5.00%
Unemployment Eligibility(weeks):	16	Max Home Purch Reimburs(\$):	25,000.00
Civilians Not Willing To Move:	6.00%	Civilian Homeowning Rate:	68.40%
Civilian Turnover Rate:	9.16%	HAP Home Value Reimburse Rate:	13.46%
Civilian Early Retire Rate:	8.10%	HAP Homeowner Receiving Rate:	18.44%
Civilian Regular Retire Rate:	1.67%	RSE Home Value Reimburse Rate:	0.00%
Civilian RIF Pay Factor:	86.32%	RSE Homeowner Receiving Rate:	0.00%
Civ Early Retire Pay Factor:	18.03%		

STANDARD FACTORS SCREEN TWO - FACILITIES

	Army	Navy	Air Force	Marines
Service Sustainment Rate	87.00%	93.00%	92.00%	97.00%
Unit Cost Adjustment (BOS)	10332.00	8879.00	3032.00	3904.00
Program Management Factor:	10.00	MilCon Site Prep Cost (\$/SF):	0.74	
Mothball (Close) (\$/SF):	0.18	MilCon Contingency Plan Rate:	5.00%	
Mothball (Deac/Realn) (\$/SF):	0.45	MilCon Design Rate (Medical):	13.00%	
Rehab vs. MilCon (Default):	47.00%	MilCon Design Rate (Other):	9.00%	
Rehab vs. MilCon (Red):	64.00%	MilCon SIOH Rate:	6.00%	
Rehab vs. MilCon (Amber):	29.00%	Discount Rate for NPV/Payback:	2.80%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Mil (Lb):	710	Storage-In-Transit (\$/Pers):	373.76
HHG Per Off Accomp (Lb):	15,290.00	POV Reimburse(\$/Mile):	0.20
HHG Per Enl Accomp (Lb):	9,204.00	Air Transport (\$/Pass Mile):	0.20
HHG Per Off Unaccomp (Lb):	13,712.00	IT Connect (\$/Person):	200.00
HHG Per Enl Unaccomp (Lb):	6,960.00	Misc Exp(\$/Direct Employee):	1,000.00
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Months):	30.02
Total HHG Cost (\$/100Lb):	8.78	One-Time Off PCS Cost(\$):	10,477.58
Equip Pack & Crate(\$/Ton):	180.67	One-Time Enl PCS Cost(\$):	3,998.52

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Department : Army
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 Update to - US Army Engineer School-LW_II (.cbr)
 Option Pkg Name: Consolidate US Army Engineer School
 Std Fctrs File : H:\COBRA 6.10 April 21 2005\BRAC2005.SFF

FOOTNOTES FOR SCREEN ONE

InputDat

=====

Proposal # 275 Consolidate the Engineer School (Prime Power) from Ft Belvoir to Ft Leonard Wood

=====

FOOTNOTES FOR SCREEN THREE

=====

COBRA Screen #4 - Homeowners Assistance Program (HAP):

1. There is no guidance provided in the COBRA Users Manual to guide the use of the HAPS block on Screen Four.
2. The intent of checking or not checking this block on screen four appears to increase in importance proportionate to the number of personnel either leaving or arriving at a given installation.
 - a. In this scenario, 96 total personnel are involved.
 - b. To determine the maximum and minimum impact of checking or not checking the HAP blocks, the SST Sub-Group performed one COBRA Run with both blocks checked (e.g. the more expensive option) and a second run with both unchecked (the preferred option).
3. The results of the two methods is as follows:
 - a. The payback period did not change.
 - b. While the Net Present Value, One-Time Cost, and Total Costs changed somewhat, the most important observation made is that neither checking both or unchecking both has no impact on the SST Sub-Group's recommendation to either the Education & Training Group or the the ISG.
4. Therefore, by convention, the SST Sub-Group will conduct its analyses with both blocks unchecked.

=====

FOOTNOTES FOR SCREEN FOUR

=====

Screen #4 - Homeowners Assistance Program (HAP):

1. There is no guidance provided in the COBRA Users Manual to assist the COBRA analyst in the use of the HAP block on Screen Four.
2. The intent of checking or not checking this block on screen four appears to increase in importance proportionate to the number of personnel either leaving or arriving at a given installation.
 - a. In this scenario, 96 total personnel are involved.
 - b. To determine the maximum and minimum impact of checking or not checking the HAP blocks, the SST Sub-Group performed one COBRA Run with both blocks checked (e.g. the more expensive option) and a second run with both unchecked (the preferred option).
3. The results of the two methods is as follows:
 - a. The Payback Period did not change.
 - b. While the Net Present Value, One-Time Cost, and Total Costs changed somewhat, the most important observation made is that neither checking both or unchecking both has no impact on the SST Sub-Group's recommendation to either the Education & Training Group or the Infrastructure Steering Group (ISG).
4. Therefore, by convention, the SST Sub-Group will conduct its analyses with

InputDat

both blocks
unchecked.

FOOTNOTES FOR SCREEN FIVE
=====

All costs and savings in this CR are post-integration. This means that all other CRs impacting Ft. Leonard Wood and Ft. Belvoir have been accounted for when computing costs and savings for this proposal and the cumulative effects of those CRs have been included.

The one-time unique cost is for Utilities Support to the required MILCON at Ft. Leonard Wood (\$647,249). There are no IT costs or environmental costs at Ft. Leonard Wood (post-integration).

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Department : Army
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Option Pkg Name: Consolidate US Army Engineer School
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This move vacated 40,000,SF at Ft Belvoir, per the Army RPLANS databse.

IAW ARMY TABS Memo, dated 26 April 2005, SUBJECT: Summary of Environmental Impacts - Title E&T 0029v3 Move US Army Prime Power School, \$100K is added as a one-time environmental cost. 10 May 2005

FOOTNOTES FOR SCREEN SIX
=====

Under this recommendation, the Prime Power School becomes part of the Engineer School at Ft. Leonard Wood. This consolidation will produce savings in overhead personnel positions. Hence, the 1 WO, 1 ENL and 4 Civ Authorizations for the Command Group of the PRime Power school are estimated as savings.

The actual positions that become savings upon implementation of the consolidation will depend on the mechanics of the course and school integration. The positions taken as savings savings represent a best estimate by the TABS manpower analyst after a position by position review of the organization TDA.

FOOTNOTES FOR SCREEN SEVEN
=====

Required MILCON is post-integration. This means that other CRs impacting Ft. Leonard wood and Ft. Belvoir have been taken into account when assessing MILCON requirements. The removal of the Drill Sergeants School from Ft. LW opens up space that the incoming Prime Power School can use to offset requirements for MILCON.

The Prime Power School requires:

7,000 SF of FAC 1711
10,000 SF of FAC 1712

InputDat

5,000 SF of FAC 7210
10,000 SF of FAC 7213
5,000 SF of FAC 8521

The MILCON constructed at Ft. Leonard Wood on screen 7 shows the MILCON necessary at Ft. LW to meet these requirements, after the Drill Sergeants School vacates Ft. Leonard Wood.

Detail
TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page

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 Option Pkg Name: Consolidate US Army Engineer School
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ONE-TIME COSTS 2011 Total -----(\$K)----- -----	2006	2007	2008	2009	2010
CONSTRUCTION					
MILCON	3,655	0	0	0	0
0 3,655					
O&M					
CIV SALARY					
Civ RIF	0	119	0	0	0
0 119					
Civ Retire	0	25	0	0	0
0 25					
CIV MOVING					
Per Diem	0	75	0	0	0
0 75					
POV Miles	0	4	0	0	0
0 4					
Home Purch	0	506	0	0	0
0 506					
HHG	0	93	0	0	0
0 93					
Misc	0	21	0	0	0
0 21					
House Hunt	0	56	0	0	0
0 56					
PPP	0	35	0	0	0
0 35					
RITA	0	185	0	0	0
0 185					
FREIGHT					
Packing	0	6	0	0	0
0 6					
Freight	0	320	0	0	0
0 320					
Vehicles	0	5	0	0	0
0 5					
Unemployment	0	9	0	0	0
0 9					
OTHER					
Info Tech	0	18	0	0	0
0 18					
Prog Manage	0	43	0	0	0
0 74					
Supt Contrac	0	0	0	0	0
0 0					
Mothball	0	18	0	0	0
0 18					
1-Time Move	0	0	0	0	0
0 0					
MIL PERSONNEL					

Detail

MIL MOVING					
Per Diem	0	3	0	0	0
0 3					
POV Miles	0	2	0	0	0
0 2					
HHG	0	22	0	0	0
0 22					
Misc	0	10	0	0	0
0 10					
OTHER					
Elim PCS	0	14	0	0	0
0 14					
OTHER					
HAP / RSE	0	0	0	0	0
0 0					
Environmental	100	0	0	0	0
0 100					
Misc Contract	0	0	0	0	0
0 0					
1-Time Other	0	647	0	0	0
0 647					
TOTAL ONE-TIME	3,798	2,225	0	0	0
0 6,023					

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page

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 Option Pkg Name: Consolidate US Army Engineer School
 Std Fctrs File : H:\COBRA 6.10 April 21 2005\BRAC2005.SFF

RECURRINGCOSTS	2006	2007	2008	2009	2010
2011 Total	Beyond				
-----(\$K)-----	-----	-----	-----	-----	-----
O&M					
Sustainment	51	51	51	51	51
51 304	51				
Recap	32	32	32	32	32
32 195	32				
BOS	0	138	138	138	138
138 689	138				
Civ salary	0	0	0	0	0
0 0	0				
TRICARE	0	136	136	136	136
136 680	136				
MIL PERSONNEL					
Off Salary	0	0	0	0	0
0 0	0				
Enl Salary	0	0	0	0	0
0 0	0				
House Allow	0	54	54	54	54
54 268	54				
OTHER					
Mission Activ	0	0	0	0	0
0 0	0				
Misc Recur	0	0	0	0	0
0 0	0				
TOTAL RECUR	83	411	411	411	411

		Detail				
411	2,137	411				
TOTAL COST		3,881	2,635	411	411	411
411	8,160	411				
ONE-TIME SAVES		2006	2007	2008	2009	2010
2011	Total					
-----(\$K)-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION						
MILCON		0	0	0	0	0
0	0					
O&M						
1-Time Move		0	0	0	0	0
0	0					
MIL PERSONNEL						
Mil Moving		0	18	0	0	0
0	18					
OTHER						
Environmental		0	0	0	0	0
0	0					
1-Time Other		0	0	0	0	0
0	0					
TOTAL ONE-TIME		0	18	0	0	0
0	18					
RECURRING SAVES		2006	2007	2008	2009	2010
2011	Total	Beyond				
-----(\$K)-----	-----	-----	-----	-----	-----	-----
FAM HOUSE OPS						
0	0	0	0	0	0	0
O&M						
Sustainment		0	91	91	91	91
91	457	91				
Recap		0	66	66	66	66
66	331	66				
BOS		0	48	48	48	48
48	242	48				
Civ salary		0	193	330	330	330
330	1,514	330				
MIL PERSONNEL						
off salary		0	62	125	125	125
125	562	125				
Enl salary		0	41	82	82	82
82	371	82				
House Allow		0	150	150	150	150
150	750	150				
OTHER						
Procurement		0	0	0	0	0
0	0	0				
Mission Activ		0	0	0	0	0
0	0	0				
Misc Recur		0	0	0	0	0
0	0	0				
TOTAL RECUR		0	652	893	893	893
893	4,227	893				
TOTAL SAVINGS		0	671	893	893	893
893	4,245	893				

562
371
150
1683

+205

+330

+357/ann

Recurring Save
893
- 411
5482

Detail

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 Option Pkg Name: Consolidate US Army Engineer School
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ONE-TIME NET 2011 Total -----(\$K)----- -----	2006	2007	2008	2009	2010
CONSTRUCTION					
MILCON	3,655	0	0	0	0
0 3,655					
O&M					
Civ Retir/RIF	0	143	0	0	0
0 143					
Civ Moving	0	1,306	0	0	0
0 1,306					
Info Tech	0	18	0	0	0
0 18					
Other	43	59	0	0	0
0 101					
MIL PERSONNEL					
Mil Moving	0	32	0	0	0
0 32					
OTHER					
HAP / RSE	0	0	0	0	0
0 0					
Environmental	100	0	0	0	0
0 100					
Misn Contract	0	0	0	0	0
0 0					
1-Time Other	0	647	0	0	0
0 647					
TOTAL ONE-TIME	3,798	2,206	0	0	0
0 5,904					
RECURRING NET 2011 Total -----(\$K)----- -----	2006 Beyond	2007	2008	2009	2010
FAM HOUSE OPS	0	0	0	0	0
0 0	0				
O&M					
Sustainment	51	-41	-41	-41	-41
-41 -153	-41				
Recap	32	-33	-33	-33	-33
-33 -135	-33				
BOS	0	89	89	89	89
89 447	89				
Civ Salary	0	-193	-330	-330	-330
-330 -1,514	-330				
TRICARE	0	136	136	136	136
136 680	136				
MIL PERSONNEL					
Mil Salary	0	-104	-207	-207	-207
-207 -933	-207				
House Allow	0	-96	-96	-96	-96
-96 -481	-96				
OTHER					

			Detail			
Procurement	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0
TOTAL RECUR	83	-242	-483	-483	-483	-483
TOTAL NET COST	3,881	1,964	-483	-483	-483	-483

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 Option Pkg Name: Consolidate US Army Engineer School
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Base: BELVOIR, VA (51062)	2006	2007	2008	2009	2010
ONE-TIME COSTS					
2011 Total					
-----(\$K)-----	-----	-----	-----	-----	-----
CONSTRUCTION					
MILCON	0	0	0	0	0
O&M					
CIV SALARY					
Civ RIFS	0	119	0	0	0
Civ Retire	0	25	0	0	0
CIV MOVING					
Per Diem	0	75	0	0	0
POV Miles	0	4	0	0	0
Home Purch	0	506	0	0	0
HHG	0	93	0	0	0
Misc	0	21	0	0	0
House Hunt	0	56	0	0	0
PPP	0	35	0	0	0
RITA	0	185	0	0	0
FREIGHT					
Packing	0	6	0	0	0
Freight	0	320	0	0	0
vehicles	0	5	0	0	0
Unemployment	0	9	0	0	0
OTHER					

			Detail			
0	Info Tech	0	18	0	0	0
0	18					
0	Prog Manage	43	32	0	0	0
0	74					
0	Supt Contract	0	0	0	0	0
0	0					
0	Mothball	0	18	0	0	0
0	18					
0	1-Time Move	0	0	0	0	0
0	0					
	MIL PERSONNEL					
	MIL MOVING					
0	Per Diem	0	3	0	0	0
0	3					
0	POV Miles	0	2	0	0	0
0	2					
0	HHG	0	22	0	0	0
0	22					
0	Misc	0	10	0	0	0
0	10					
	OTHER					
0	Elim PCS	0	14	0	0	0
0	14					
	OTHER					
0	HAP / RSE	0	0	0	0	0
0	0					
0	Environmental	0	0	0	0	0
0	0					
0	Misn Contract	0	0	0	0	0
0	0					
0	1-Time Other	0	0	0	0	0
0	0					
0	TOTAL ONE-TIME	43	1,578	0	0	0
0	1,620					

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 Update to - US Army Engineer School-LW_II (.cbr
 Option Pkg Name: Consolidate US Army Engineer School
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Base: BELVOIR, VA (51062)		2006	2007	2008	2009	2010
RECURRINGCOSTS	Total	Beyond				
2011						
-----(\$K)-----	-----	-----	-----	-----	-----	-----
O&M						
Sustainment	0	0	0	0	0	0
0	0	0	0	0	0	0
Recap	0	0	0	0	0	0
0	0	0	0	0	0	0
BOS	0	0	0	0	0	0
0	0	0	0	0	0	0
civ salary	0	0	0	0	0	0
0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0
0	0	0	0	0	0	0
MIL PERSONNEL						
Off Salary	0	0	0	0	0	0

Detail

0	0	0				
Enl salary	0	0	0	0	0	0
0	0	0				
House Allow	0	0	0	0	0	0
0	0	0				
OTHER						
Mission Activ	0	0	0	0	0	0
0	0	0				
Misc Recur	0	0	0	0	0	0
0	0	0				
TOTAL RECUR	0	0	0	0	0	0
0	0	0				
TOTAL COSTS	43	1,578	0	0	0	
0	1,620	0				
ONE-TIME SAVES	2006	2007	2008	2009	2010	
2011 Total						
-----(\$K)-----	----	----	----	----	----	
CONSTRUCTION						
MILCON	0	0	0	0	0	
0	0					
O&M						
1-Time Move	0	0	0	0	0	
0	0					
MIL PERSONNEL						
Mil Moving	0	18	0	0	0	
0	18					
OTHER						
Environmental	0	0	0	0	0	
0	0					
1-Time Other	0	0	0	0	0	
0	0					
TOTAL ONE-TIME	0	18	0	0	0	
0	18					
RECURRING SAVES	2006	2007	2008	2009	2010	
2011 Total	Beyond					
-----(\$K)-----	-----	----	----	----	----	
FAM HOUSE OPS	0	0	0	0	0	
0	0					
O&M						
Sustainment	0	91	91	91	91	
91	457	91				
Recap	0	66	66	66	66	
66	331	66				
BOS	0	48	48	48	48	
48	242	48				
Civ salary	0	137	275	275	275	
275	1,237	275				
MIL PERSONNEL						
Off Salary	0	62	125	125	125	
125	562	125				
Enl salary	0	41	82	82	82	
82	371	82				
House Allow	0	150	150	150	150	
150	750	150				
OTHER						
Procurement	0	0	0	0	0	
0	0	0				
Mission Activ	0	0	0	0	0	

Detail

0	0	0	0	0	0	0
Misc Recur		0	0	0	0	0
0	0	0				
TOTAL RECUR		0	597	838	838	838
838	3,949	838				
TOTAL SAVINGS		0	615	838	838	838
838	3,968	838				

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 Option Pkg Name: Consolidate US Army Engineer School
 Std Fctrs File : H:\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: BELVOIR, VA (51062)		2006	2007	2008	2009	2010
ONE-TIME NET	Total					
2011						
-----(\$K)-----		----	----	----	----	----
CONSTRUCTION						
MILCON		0	0	0	0	0
0	0					
O&M						
Civ Retir/RIF		0	143	0	0	0
0	143					
Civ Moving		0	1,306	0	0	0
0	1,306					
Info Tech		0	18	0	0	0
0	18					
Other		43	59	0	0	0
0	101					
MIL PERSONNEL						
Mil Moving		0	32	0	0	0
0	32					
OTHER						
HAP / RSE		0	0	0	0	0
0	0					
Environmental		0	0	0	0	0
0	0					
Misn Contract		0	0	0	0	0
0	0					
1-Time Other		0	0	0	0	0
0	0					
TOTAL ONE-TIME		43	1,559	0	0	0
0	1,602					

RECURRING NET	Total	2006	2007	2008	2009	2010
2011		Beyond				
-----(\$K)-----		----	----	----	----	----
FAM HOUSE OPS		0	0	0	0	0
0	0	0				
O&M						
Sustainment		0	-91	-91	-91	-91
-91	-457	-91				
Recap		0	-66	-66	-66	-66
-66	-331	-66				
BOS		0	-48	-48	-48	-48

		Detail				
-48	-242	-48				
Civ Salary		0	-137	-275	-275	-275
-275	-1,237	-275				
TRICARE		0	0	0	0	0
0	0	0				
MIL PERSONNEL						
Mil Salary		0	-104	-207	-207	-207
-207	-933	-207				
House Allow		0	-150	-150	-150	-150
-150	-750	-150				
OTHER						
Procurement		0	0	0	0	0
0	0	0				
Mission Activ		0	0	0	0	0
0	0	0				
Misc Recur		0	0	0	0	0
0	0	0				
TOTAL RECUR		0	-597	-838	-838	-838
-838	-3,949	-838				
TOTAL NET COST						
-838	-2,348	43	962	-838	-838	-838
		-838				

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Department : Army
 Scenario File : S:\R & A\COBRA Analysis Team\Official COBRA Files\Education & Training JCSG COBRA\127 - Prime Power to Fort Leonard Wood, MO\TAB 3\E&T 0029 - TABS Update to - US Army Engineer School-LW_II (.cbr)
 Option Pkg Name: Consolidate US Army Engineer School
 Std Fctrs File : H:\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: LEONARD WOOD, MO (29977)						
ONE-TIME COSTS	2006	2007	2008	2009	2010	
2011 Total						
-----(\$K)-----	-----	-----	-----	-----	-----	
CONSTRUCTION						
MILCON	3,655	0	0	0	0	
0 3,655						
O&M						
CIV SALARY						
Civ RIFS	0	0	0	0	0	
0 0						
Civ Retire	0	0	0	0	0	
0 0						
CIV MOVING						
Per Diem	0	0	0	0	0	
0 0						
POV Miles	0	0	0	0	0	
0 0						
Home Purch	0	0	0	0	0	
0 0						
HHG	0	0	0	0	0	
0 0						
Misc	0	0	0	0	0	
0 0						
House Hunt	0	0	0	0	0	
0 0						
PPP	0	0	0	0	0	
0 0						
RITA	0	0	0	0	0	

Detail

0	0					
FREIGHT						
Packing	0	0	0	0	0	0
Freight	0	0	0	0	0	0
vehicles	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0
OTHER						
Info Tech	0	0	0	0	0	0
Prog Manage	0	0	0	0	0	0
Supt Contrac	0	0	0	0	0	0
Mothball	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0
MIL PERSONNEL						
MIL MOVING						
Per Diem	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0
HHG	0	0	0	0	0	0
Misc	0	0	0	0	0	0
OTHER						
Elim PCS	0	0	0	0	0	0
OTHER						
HAP / RSE	0	0	0	0	0	0
Environmental	100	0	0	0	0	0
Misn Contract	0	0	0	0	0	0
1-Time Other	0	647	0	0	0	0
TOTAL ONE-TIME	3,755	647	0	0	0	0
	4,402					

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 8/9
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Department : Army
 Scenario File : S:\R & A\COBRA Analysis Team\Official COBRA Files\Education & Training JCSG COBRA\127 - Prime Power to Fort Leonard Wood, MO\TAB 3\E&T 0029 - TABS Update to - US Army Engineer School-LW_II (.cbr
 Option Pkg Name: Consolidate US Army Engineer School
 Std Fctrs File : H:\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: LEONARD WOOD, MO (29977)		2006	2007	2008	2009	2010
RECURRINGCOSTS	Total	Beyond				
2011						
-----(\$K)-----	-----	-----	-----	-----	-----	-----
O&M						
Sustainment		51	51	51	51	51

Detail

51	304	51				
Recap		32	32	32	32	32
32	195	32				
BOS		0	138	138	138	138
138	689	138				
Civ salary		0	0	0	0	0
0	0	0				
TRICARE		0	136	136	136	136
136	680	136				
MIL PERSONNEL						
Off Salary		0	0	0	0	0
0	0	0				
Enl salary		0	0	0	0	0
0	0	0				
House Allow		0	54	54	54	54
54	268	54				
OTHER						
Mission Activ		0	0	0	0	0
0	0	0				
Misc Recur		0	0	0	0	0
0	0	0				
TOTAL RECUR		83	411	411	411	411
411	2,137	411				

TOTAL COSTS		3,839	1,058	411	411	411
411	6,539	411				

ONE-TIME SAVES	2006	2007	2008	2009	2010
2011 Total					
-----(\$K)-----	-----	-----	-----	-----	-----

CONSTRUCTION					
MILCON	0	0	0	0	0
0	0				
O&M					
1-Time Move	0	0	0	0	0
0	0				
MIL PERSONNEL					
Mil Moving	0	0	0	0	0
0	0				
OTHER					
Environmental	0	0	0	0	0
0	0				
1-Time Other	0	0	0	0	0
0	0				
TOTAL ONE-TIME	0	0	0	0	0
0	0				

RECURRING SAVES	2006	2007	2008	2009	2010
2011 Total	Beyond				
-----(\$K)-----	-----	-----	-----	-----	-----

FAM HOUSE OPS	0	0	0	0	0
0	0				
O&M					
Sustainment	0	0	0	0	0
0	0				
Recap	0	0	0	0	0
0	0				
BOS	0	0	0	0	0
0	0				
Civ salary	0	55	55	55	55
55	277	55			

Detail

MIL PERSONNEL					
Off Salary	0	0	0	0	0
0	0	0	0	0	0
Enl Salary	0	0	0	0	0
0	0	0	0	0	0
House Allow	0	0	0	0	0
0	0	0	0	0	0
OTHER					
Procurement	0	0	0	0	0
0	0	0	0	0	0
Mission Activ	0	0	0	0	0
0	0	0	0	0	0
Misc Recur	0	0	0	0	0
0	0	0	0	0	0
TOTAL RECUR	0	55	55	55	55
55	277	55			
TOTAL SAVINGS	0	55	55	55	55
55	277	55			

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 9/9
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 Option Pkg Name: Consolidate US Army Engineer School
 Std Fctrs File : H:\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: LEONARD WOOD, MO (29977)

ONE-TIME NET	2006	2007	2008	2009	2010
2011 Total					
----(\$K)-----	----	----	----	----	----
CONSTRUCTION					
MILCON	3,655	0	0	0	0
0	3,655				
O&M					
Civ Retir/RIF	0	0	0	0	0
0	0				
Civ Moving	0	0	0	0	0
0	0				
Info Tech	0	0	0	0	0
0	0				
Other	0	0	0	0	0
0	0				
MIL PERSONNEL					
Mil Moving	0	0	0	0	0
0	0				
OTHER					
HAP / RSE	0	0	0	0	0
0	0				
Environmental	100	0	0	0	0
0	100				
Misn Contract	0	0	0	0	0
0	0				
1-Time other	0	647	0	0	0
0	647				
TOTAL ONE-TIME	3,755	647	0	0	0
0	4,402				

RECURRING NET 2006 2007 2008 2009 2010

2011 -----(\$K)----- -----	Total	Beyond -----	Detail			
			-----	-----	-----	-----
FAM HOUSE OPS 0	0	0	0	0	0	0
O&M						
Sustainment 51	304	51	51	51	51	51
Recap 32	195	32	32	32	32	32
BOS 138	689	0	138	138	138	138
Civ Salary -55	-277	0	-55	-55	-55	-55
TRICARE 136	680	0	136	136	136	136
MIL PERSONNEL						
Mil Salary 0	0	0	0	0	0	0
House Allow 54	268	0	54	54	54	54
OTHER						
Procurement 0	0	0	0	0	0	0
Mission Activ 0	0	0	0	0	0	0
Misc Recur 0	0	0	0	0	0	0
TOTAL RECUR 355	1,860	83 355	355	355	355	355
TOTAL NET COST 355	6,262	3,839 355	1,002	355	355	355