

**FISCAL YEAR (FY) 2000/2001 BIENNIAL  
BUDGET ESTIMATES**

**ARMY NATIONAL GUARD**



**MILITARY CONSTRUCTION  
PROGRAM**

**FY 2000**

**JUSTIFICATION DATA SUBMISSION TO CONGRESS**

**FEBRUARY 1999**

**DEPARTMENT OF THE ARMY**

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MILITARY CONSTRUCTION, ARMY NATIONAL GUARD

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TABLE 1. SUMMARY PROJECT LIST  
 MAJOR MILITARY CONSTRUCTION ARMY NATIONAL GUARD  
 FISCAL YEAR 2000  
 (DOLLARS IN THOUSANDS)

<u>STATE</u>	<u>INSTALLATION AND PROJECT</u>	<u>AUTH AMOUNT</u>	<u>APPROP AMOUNT</u>	DD FORMS 1391 <u>PAGE</u>
<u>INSIDE THE UNITED STATES</u>				
ALASKA	FORT RICHARDSON (ANCHORAGE) COMBINED SUPPORT MAINTENANCE SHOP/MANEUVER AREA TRAINING EQUIPMENT SITE (CSMS/MATES)	<u>13,850</u>	<u>2,940</u>	5
	STATE TOTAL	13,850	2,940	
ILLINOIS	MARSEILLES TRAINING AREA (MARSEILLES) BATTALION TRAINING COMPLEX	<u>10,952</u>	<u>2,325</u>	10
	STATE TOTAL	10,952	2,325	
NORTH CAROLINA	CHARLOTTE ORGANIZATIONAL MAINTENANCE SHOP(OMS) READINESS CENTER	4,297 <u>7,087</u>	912 <u>1,504</u>	16 21
	STATE TOTAL	11,384	2,416	
WASHINGTON	YAKIMA TRAINING CENTER (YAKIMA) MANEUVER AREA TRAINING EQUIPMENT SITE, PHASE I	<u>16,316</u>	<u>3,464</u>	27
	STATE TOTAL	16,316	3,464	
TOTAL MAJOR CONSTRUCTION		52,502	11,145	

<u>STATE</u>	<u>INSTALLATION AND PROJECT</u>	<u>AUTH</u> <u>AMOUNT</u>	<u>APPROP</u> <u>AMOUNT</u>	DD FORMS 1391 <u>PAGE</u>
SUPPORT:				
	PLANNING AND DESIGN	4,129	4,129	31
	MINOR CONSTRUCTION	<u>771</u>	<u>771</u>	32
	SUBTOTAL SUPPORT	4,900	4,900	
GRAND TOTAL	AUTHORIZATION/APPROPRIATIONS	57,402	16,045	

TABLE 2  
SUMMARY OF PROJECT INCREMENTS REQUIRING ADVANCE APPROPRIATIONS  
(DOLLARS IN THOUSANDS)

LOCATION STATE	AUTHORIZATION REQUESTED AMOUNT <u>FY00</u>	AUTHORIZATION OF APPROPRIATIONS & APPROPRIATIONS REQUESTED	
		AMOUNT <u>FY00</u>	AMOUNT <u>FY01</u>
<u>INSIDE THE UNITED STATES</u>			
ALASKA			
FORT RICHARDSON (ANCHORAGE)			
COMBINED SUPPORT MAINTENANCE SHOP/MANEUVER AREA TRAINING EQUIPMENT SITE (CSMS/MATES)			
	13,850	2,940	10,910
ILLINOIS			
MARSEILLES TRAINING AREA (MARSEILLES)			
BATTALION TRAINING COMPLEX			
	10,952	2,325	8,627
NORTH CAROLINA			
CHARLOTTE			
ORGANIZATIONAL MAINTENANCE SHOP(OMS)			
	4,297	912	3,385
READINESS CENTER			
	7,087	1,504	5,583
WASHINGTON			
YAKIMA TRAINING CENTER (YAKIMA)			
MANEUVER AREA TRAINING EQUIPMENT SITE, PHASE I			
	16,316	<u>3,464</u>	<u>12,852</u>
ADVANCE APPROPRIATIONS REQUESTED		11,145	41,357
AUTHORIZATION OF APPROPRIATIONS REQUESTED		11,145	41,357

NEW MISSION / CURRENT MISSION  
 FISCAL YEAR 2000  
 MILITARY CONSTRUCTION

<u>LOCATION</u>	<u>PROJECT</u>	<u>(000)</u>	<u>CURRENT</u>
FORT RICHARDSON ANCHORAGE, AK	COMBINED SUPPORT MAINTENANCE SHOP/MANEUVER AREA TRAINING SITE	2,940	C
MARSEILLES TRAINING AREA MARSEILLES, IL	BATTALION TRAINING COMPLEX	2,325	C
CHARLOTTE, NC	ORGANIZATIONAL MAINTENANCE SHOP (OMS)	912	C
	READINESS CENTER	1,504	C
YAKIMA TRAINING CENTER YAKIMA, WA	MANEUVER AREA TRAINING EQUIPMENT SITE, PHASE I	3,464	C
TOTAL CURRENT MISSION		11,145	
TOTAL PLANNING & DESIGN		4,129	
TOTAL MINOR CONSTRUCTION		<u>771</u>	
	GRAND TOTAL	16,045	

DEPARTMENT OF THE ARMY  
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2000

APPROPRIATION LANGUAGE

MILITARY CONSTRUCTION, ARMY NATIONAL GUARD

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Army National Guard, as authorized by Chapter 1803 of Title 10, United States Code, as amended, and the Reserve Forces Facilities Act \$16,045,000 to remain available until 30 September 2004. In addition, for completion of projects begun in Fiscal Year 2000, \$41,357,000, to become available on October 1, 2000 and to remain available until September 30, 2005. Further, for the foregoing purposes, \$48,000,000, to become available on October 1, 2000 and remain available until September 30, 2005.

## SPECIAL PROGRAM CONSIDERATIONS

**POLLUTION ABATEMENT:** The military construction projects proposed in the program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of the existing pollution programs at installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

**ENERGY CONSERVATION:** Military construction projects specifically for energy conservation at installations have been developed, reviewed, and selected with prioritization by energy savings per investment cost. Projects include improvements to existing facilities and utility systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

**FLOOD PLAIN MANAGEMENT AND WETLANDS PROTECTION:** Proposed land acquisition, disposition, and installation construction projects have been planned to allow the proper management of flood plains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flooding losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order No. 11988 and 11990.

**DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL:** In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

**PRESERVATION OF HISTORICAL SITES AND STRUCTURES:** Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object, or setting listed in the National Register of Historic Places, except as noted on DD Form 1391.

**USE OF EXCESS SCHOOLS AND OTHER BUILDINGS:** Considerations were made to utilize available commercial or academic buildings, but none were found suitable.

**ENVIRONMENTAL PROTECTION:** In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or

is actively underway for all projects in the Military Construction Program.

**NON-MILCON CONSTRUCTION:** \$116.0 million in the FY00 ARNG Real Property Operations and Maintenance Program will maintain 36,825,695 SF in 5,772 logistical support buildings. Furthermore, it supports 283 training sites, 12,834 buildings totaling 36,558,417 SF in the 54 States, Territories and Commonwealths used by the ARNG, and other DoD component forces. The funding is dedicated to Annual Recurring Maintenance of \$55.8 million and routine or emergency maintenance and repair projects of approximately \$60.2 million.

**LONG-TERM FACILITIES CONTRACTS:** The National Guard does not have any long-term facilities contracts.

**CONSTRUCTION CRITERIA:** Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facility Planning and Design Guide."

**ECONOMIC ANALYSIS:** Economics are an inherent aspect of project development and design of military construction projects. Therefore, projects included in this program represent the most economical use of resources.

**RESERVE MANPOWER POTENTIAL:** The Reserve Manpower potential to meet and maintain authorized strengths of all Reserve units in the areas where units are to be located has been reviewed in accordance with the procedures described in DoD Instruction 1225.8. "It has been determined, in coordination with the other Military Departments having Reserve units in the area, that the number of Reserve Components presently located in the area, and those units having been allocated in the area, and those units having been allocated to this area for future activation, is not and shall not be larger than the number that reasonably may be maintained at the authorized strength."

**CONGRESSIONAL REPORTS:** The following is a synopsis of projects contained in Congressional Reports:

**House of Representatives Military Construction Appropriations Bill, 1999 (H.R. 105-578), dated 16 June 1998.**

**(Page 18) Annual Reporting Requirement - Backlog.** The Committee directs the Secretary of the Army and The Director of the Army National Guard to continue to make a joint report annually on the current backlog of facilities requirements of the Army National Guard to be submitted concurrently with the annual budget request.

**ARNG Response:** This report will be submitted to Congress in February 1999.

**(Page 18) Annual Reporting Requirement - Armory Infrastructure.**

The Secretary of the Army, the Chief of the National Guard Bureau, and the Director of the Army National Guard are directed to continue to report jointly to the Committee by January 1, 1999 on the status of armory infrastructure.

**ARNG Response:** This report will be submitted to Congress in February 1999.

**(Page 18) California-Los Angeles/Azusa: Readiness Center.**

The committee directs the Secretary of the Army to report by January 15, 1999 on the plan and schedule for the consolidation and replacement of existing armories in Los Angeles, CA.

**ARNG Response:** This report will be submitted to Congress in January 1999.

**(Page 18) Future Years Defense Plan.** It is the Committee's view that section 123 of Public Law 104-196 constitutes a continuing permanent requirement for the Army National Guard and the Air National Guard to present the Future Years Defense Plan to Congress concurrent with the President's budget submission for each fiscal year. The Committee will expect subsequent submission of the Future Years Defense Plan to include explanatory notes justifying any modification of prior year plans.

**ARNG Response:** The Future Years Defense Plan is included with this budget book.

**Senate Military Construction Appropriation Bill, 1999 (S.R. 105-213), dated 11 June 1998.**

**(Page 21) Camp Rowland, CT.** - Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$1,200,000 be made available for the design of a leadership training academy at Camp Rowland, CT.

**ARNG Response:** Connecticut Army National Guard must resubmit DD Forms 1390/91 and Military Construction Cooperative Agreement before design contract can be reimbursed.

**(Page 15) Chicago Military Academy, Chicago, IL.** - The Committee urges the Army to assess the feasibility of converting the Eighth Regiment Armory in Chicago, IL, into a Chicago Military Academy for Junior Reserve Officer Training Corps (JROTC).

**ARNG Response:** Headquarters Cadet Command received a request on December 2, 1998, from the Chicago Military Academy asking to establish a JROTC program. The Army is currently funded and staffed for 1,370 JROTC units, all of which are currently

operating. An additional 211 units are on a waiting list for establishment. The Chicago Military Academy will be added to that waiting list.

**(Page 21) Regional Training Center, Ft. Harrison, MT.** - Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$150,000 be made available for the design of a regional training center at Ft Harrison, MT.

**ARNG Response:** The programming documents (DD Forms 1390/91) are being staffed within National Guard Bureau and should be completed by 30 January 1999. Design authority will then be granted to the State.

**(Page 21) Aviation Support Facility, Concord, NH.** - Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$350,000 be made available for the design of an aviation support facility in Concord, NH.

**ARNG Response:** New Hampshire Army National Guard must resubmit DD Forms 1390/91, Military Construction Cooperative Agreement and National Environmental Policy Act documents before design contract can be reimbursed.

**(Page 21) Armed Forces Reserve Center, Sand Springs, OK.** - Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$972,000 be made available for the design of a Armed Forces Reserve Center in Sand Springs, OK.

**ARNG Response:** The State has been authorized to proceed in the design of this project. A design contract award is anticipated in March 1999.

**(Page 21) Armory, Juneau, AK.** - Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$730,000 be made available for the design of an armory in Juneau, AK.

**ARNG Response:** The design of this project has been funded and a design contract has been awarded.

**(Page 21) Advanced Technology Training Center, Ft Harrison, MT.** - Of the \$8,546,000 provided for unspecified minor construction within the "Army National Guard" account, the Committee directs that not less than \$1,500,000 be made available for an advanced technology training center at Ft Harrison, MT.

**ARNG Response:** The design of this project has been funded and a design contract has been awarded. Once National Guard Bureau has approved the final designs, the State will be granted the

authority to bid the project and receive reimbursement for construction costs in accordance with the bid results and appropriate statutes.

**(Page 21) Army Aviation Support Hangar, Los Alamitos, CA.** - Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$1,100,000 be made available for the design of an aviation support hangar in Los Alamitos, CA.

**ARNG Response:** The programming documents (DD Forms 1390/91) have not been received from the State. When they are received, they will be staffed within National Guard Bureau. Once this staffing is complete, design authority will be granted to the State.

**(Page 21) Readiness Center, Oxford, MS.** - Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$500,000 be made available for the design of a readiness center at Oxford, MS.

**ARNG Response:** The design of this project has been funded and a design contract has been awarded.

**(Page 21) Regional Maintenance and Repair Facility, Henderson, TN.** - Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$70,000 be made available for the design of a regional maintenance and repair facility, Henderson, TN.

**ARNG Response:** The design of this project has been funded and a design contract has been awarded. Please note that this project is an Organizational Maintenance Shop.

**(Page 22) Organizational Maintenance Shop, Fair Haven, VT.** - Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$200,000 be made available for the design of an organizational maintenance shop at Fair Haven, VT.

**ARNG Response:** Vermont Army National Guard must resubmit DD Forms 1390/91 and Military Construction Cooperative Agreement before design contract can be reimbursed.

**(Page 22) Utilities Upgrade, Los Alamitos Armed Forces Reserve Center, CA.** - Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$710,000 be made available for the design of a utilities upgrade for the Los Alamitos Armed Forces Reserve Center, CA.

**ARNG Response:** The programming documents (DD Forms 1390/91) have not been received from the State. When they are received, they will be staffed within National Guard Bureau. Once this staffing is complete, design authority will be granted to the State.

**(Page 22) Organizational Maintenance Shop, Henderson, TN.** - Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$203,000 be made available for the design of an organizational maintenance shop in Henderson, TN.

**ARNG Response:** The design of this project has been funded and a design contract has been awarded. Please note that this project is a Readiness Center.

**(Page 22) Ammunition Supply Point, Camp Roberts, CA.** - Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$640,000 be made available for the design of an ammunition supply point at Camp Roberts, CA.

**ARNG Response:** The programming documents (DD Forms 1390/91) are being staffed within National Guard Bureau and should be completed by 15 February 1999. Design authority will then be granted to the State.

**(Page 22) CSMS, Phase II, Camp Ripley, MN.** - Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$250,000 be made available for the design of a CSMS at Camp Ripley, MN.

**ARNG Response:** The design of this project has been funded and a design contract has been awarded.

**(Page 22) Qualification Training Range, Fort Harrison, MT.** - Of the \$8,546,000 provided for unspecified minor construction within the "Army National Guard" account, the Committee directs that not less than \$1,437,000 be made available for a qualification training range at Fort Harrison, MT.

**ARNG Response:** The design of this project has been funded and a design contract has been awarded. Once National Guard Bureau has approved the final designs, the State will be granted the authority to bid the project and receive reimbursement for construction costs in accordance with the bid results and appropriate statutes.

**(Page 22) Army Scout Armories, AK.** - Of the \$8,546,000 provided for unspecified minor construction within the "Army National Guard" account, the Committee directs that not less than

\$1,200,000 be made available to construct Army National Guard Scout armories in Kwigillingok, Napaskiak, and Craig.

**ARNG Response:** The design of this project has been funded and a design contract has been awarded. Once National Guard Bureau has approved the final designs, the State will be granted the authority to bid the project and receive reimbursement for construction costs in accordance with the bid results and appropriate statutes.

**(Page 22) Multipurpose Range (Phase III), CP Shelby, MS.** - This range supports critical training for the National Guard enhanced readiness brigades in the Southeastern United States. Existing facilities are inadequate to meet new Army training strategies for the 155<sup>th</sup> Separate Armored Brigade for tank crew and gunnery platoon qualification. The final supplemental environmental impact statement for the proposed project construction was recently completed by the Army. The committee encourages the National Guard Bureau to incorporate this readiness project into their long range resourcing plan.

**ARNG Response:** This project is in the military construction Future Years Defense Plan for fiscal year 2005.

**(Page 22) Dual-use Training Facility, Northfield, VT.** - In the fiscal year 1998 Military Construction bill, the Committee directed that not less than \$1,000,000 be made available from the "Army National Guard" account for planning and design of the dual use training facility in Northfield, VT. Of that amount, only \$300,000 has been obligated to date. The Committee urges the Army National Guard to complete design work on this project.

**ARNG Response:** The design of this project has been funded and a design contract has been awarded. Current estimates show that the design will be finished in December 1999.

**(Page 23) National Guard Training and Community Center, Monticello, MN.** - Of the \$8,546,000 provided for unspecified minor construction within the "Army National Guard" account, the Committee directs that not less than \$1,100,000 be made available to build a training and community center in Monticello, MN.

**ARNG Response:** This project has been bid. It is awaiting a legal opinion prior to releasing military construction funds. Once National Guard Bureau has approved the final design, the State will be reimbursed for construction costs in accordance with the bid results and appropriate statutes.

**(Page 23) Armed Forces Reserve Center, Smyrna, TN.** - Of the \$15,401,000 provided for planning and design within the "Army

National Guard" account, the Committee directs that not less than \$1,500,000 be made available for the design of an Armed Forces Reserve Center in Smyrna, TN.

**ARNG Response:** The programming documents (DD Forms 1390/91) are being staffed within National Guard Bureau and should be completed by 30 January 1999. Once this staffing is completed, design authority will be granted to the State.

**(Page 23) Armed Forces Reserve Center, Salem, OR.** - The Committee urges the Army National Guard to review the requirement for the Armed Forces Reserve Center located in Salem, OR, for inclusion in the fiscal year 2000 budget request. In addition to housing five Reserve component units, this facility will also serve as the headquarters for emergency coordination of the Oregon State Police.

**ARNG Response:** This project is in the military construction Future Years Defense Plan for fiscal year 2001.

**(Page 23) C-12 Aircraft Hangar, AASF, Washoe County, NV.** - Of the \$8,546,000 provided for unspecified minor construction within the "Army National Guard" account, the Committee directs that not less than \$1,313,000 be made available to build a C-12 hangar in Washoe County, NV.

**ARNG Response:** The design of this project has been funded and a design contract has been awarded. Once National Guard Bureau has approved the final designs, the State will be granted the authority to bid the project and receive reimbursement for construction costs in accordance with the bid results and appropriate statutes.

**(Page 23) OMS, Camp Crowder, Neosho, MO.** - Of the \$8,546,000 provided for unspecified minor construction within the "Army National Guard" account, the Committee directs that not less than \$1,450,000 be made available to add and alter the organizational maintenance shop (OMS) at Camp Crowder, Neosho, MO.

**ARNG Response:** The programming documents (DD Forms 1390/91) are being staffed within NGB. Staffing should be completed by 30 January 1999 and design authority will then be granted to the State. Once National Guard Bureau has approved the final designs, the State will be granted the authority to bid and receive reimburse in accordance with the bid results.

**House of Representatives Appropriations Conference Report (H.R. 105-647), dated 24 July 1998.**

**(Page 14) Iowa-Camp Dodge: Damaged and Destroyed Facilities.** - The conferees direct the National Guard Bureau to report on

tornado and wind damage sustained on 29 June 1998. This report is to be submitted within 30 days of enactment of this Act, and is to include an assessment of requirements for repair and replacement.

**ARNG Response:** This report was submitted to Congress in October 1998.

**(Page 14) Montana-Fort Harrison: Sewer System.** - The conferees agree to grant the Army National Guard reprogramming approval up to the amount of \$1,200,000 to cover the Army National Guard's contribution for connecting the Fort Harrison complex to the city sewer system, subject to approval of the proposed source of funds.

**ARNG Response:** National Guard Bureau is waiting on the Veterans Administration to request the \$1,200,000 to cover the Federal share. Once National Guard Bureau has approved programming documentation, reprogramming action will be initiated.

**(Page 14) Montana-Helena: Armed Forces Reserve Center.** - The conferees direct that the total funding provided for this facility shall include the purchase and installation of prewired workstations and furnishings.

**ARNG Response:** These items have been included in the project.

**(Page 14) North Carolina-Fort Bragg: Military Education Facility.** - The conferees recognize the importance of the Military Education Facility to the Army National Guard and direct the National Guard Bureau to begin the planning and design and site preparation for this National Guard facility. The conferees direct the Department to include this project in the Future Year Defense Plan (FYDP).

**ARNG Response:** This project is in the military construction Future Years Defense Plan for fiscal year 2005.

**Department of Defense Authorization Act For Fiscal Year 1999 (S.R. 105-189), dated 11 May 1998.(Page 385)** - The committee directs that the amount authorized for appropriations for Army National Guard, Army Reserve, Naval Reserve, Marine Corps Reserve, and Air Force Reserve construction and land acquisition projects, the amount indicated for each respective project be directed toward the design of:

Army National Guard:

NH: Concord, Army Aviation Support Facility	\$968,000
OK: Sand Springs, Readiness Center	972,000

**ARNG Response:** Concord, Army Aviation Support Facility. - New Hampshire Army National Guard must resubmit DD Forms 1390/91, Military Construction Cooperative Agreement and National

Environmental Policy Act documents before design contract can be reimbursed.

**ARNG Response: Sand Springs, Readiness Center.** - The State has been authorized to proceed in the design of this project. A design contract award is anticipated in March 1999.

**Department of Defense Appropriations Conference Report, 1999 (H.R. 105-746), dated 25 September 1998.**

**(page 106) Chicago Military Academy** - Of the amount provided for the Army National Guard's Operations and Maintenance appropriation, the conferees recommend that \$10 million be used for the conversion of the Eighth Regiment National Guard Armory into a Chicago Military Academy, in order to provide a JROTC instruction program.

**ARNG Response:** The Army National Guard cannot use its funds for this purpose because the facility in question is no longer either a Department of Defense or Illinois National Guard facility and because use of the amount in question would exceed the statutory threshold for construction. The Chicago Military Academy has, however, been placed on the Army's waiting list for a JROTC program.

**Strom Thurmond National Defense Authorization Act for Fiscal Year 1999 (H.R. 105-736), dated 22 September 1998.**

**(Page 773) LEGISLATIVE PROVISION NOT ADOPTED. National Guard Military Educational Facility, Ft. Bragg, NC.** - The Senate amendment contained a provision (sec 2603) that would authorize \$1,000,000 from the funds authorized for appropriations by section 2601(1)(A) for the purpose of planning and design of a military educational facility for the Army National Guard at Ft Bragg, NC.

The House bill contained no similar provision.

The Senate recedes.

The conferees note that this military educational facility requires no additional funding for planning and design and urge the Sec of The Army to make every effort to include this construction requirement in FY2000 future years defense program.

**ARNG Response:** This project is in the military construction Future Years Defense Plan for fiscal year 2005.

**Military Construction Army National Guard, Future Years Defense Plan**

Component	Fiscal Year	Appropriation	Installation	Location	Project Title	Facility Category	Program Element	Budgeted Amount	Change from Previous Submission	Explanation
ARNG	2000	2085	Anchorage	AK	Combined Support Maintenance Shop/Maneuver Area Training Equipment Site	218	0505896A	2,940	(10,241)	Incremental funding
ARNG	2000	2085	Marseilles Training Area	IL	Battalion Training Complex	171	0505896A	2,325	(8,220)	Incremental funding
ARNG	2000	2085	Charlotte	NC	Organizational Maintenance Shop	214	0505896A	912	912	Accelerated from 2001/Incremental funding
ARNG	2000	2085	Charlotte	NC	Readiness Center	171	0505896A	1,504	(4,206)	Incremental funding
ARNG	2000	2085	Yakima	WA	Maneuver Area Training Equipment Site, Phase I	218	0505896A	3,464	(10,430)	Incremental funding
ARNG	2000	2085	Camp Dawson (Kingwood)	WV	Regional Training Institute	171	0505896A	-	(13,000)	Appropriated 1999
ARNG	2000	2085	Various	ZU	Unspecified Minor Construction		0505896A	771	64	Less funds to projects
ARNG	2000	2085	Various	ZU	Planning and Design		0505896A	4,129	166	Less funds to projects
					TOTAL FUNDED 2000			16,045	(44,955)	
ARNG	2001	2085	Anchorage	AK	Combined Support Maintenance Shop/Maneuver Area Training Equipment Site	218	0505896A	10,910	10,910	Incremental funding
ARNG	2001	2085	Redstone Arsenal	AL	Unit Training Equipment Site (UTES)	214	0505896A	8,916	2,623	Recosted
ARNG	2001	2085	Fort Irwin	CA	Maintenance and Training Equipment Site, PH I	218	0505896A	-	(12,254)	Moved to 2002
ARNG	2001	2085	Fort Carson	CO	Maneuver Area Training Equipment Site	218	0505896A	12,986	1,353	Recosted
ARNG	2001	2085	Pensacola	FL	Readiness Center	171	0505896A	-	(1,747)	Moved to 2002
ARNG	2001	2085	Elberton	GA	Readiness Center	171	0505896A	5,036	42	Recosted
ARNG	2001	2085	Marseilles Training Area	IL	Battalion Training Complex	171	0505896A	8,627	8,627	Incremental funding
ARNG	2001	2085	Charlotte	NC	Organizational Maintenance Shop (OMS)	214	0505896A	3,385	(207)	Accelerated to 2000/Incremental funding
ARNG	2001	2085	Charlotte	NC	Readiness Center	171	0505896A	5,583	5,583	Incremental funding
ARNG	2001	2085	Taos	NM	Readiness Center	171	0505896A	-	(3,097)	Appropriated 1999
ARNG	2001	2085	Salem	OR	Armed Forces Reserve Center	171	0505896A	10,893	10,893	Recosted/Accelerated from 2002
ARNG	2001	2085	Eastover	SC	Infrastructure Upgrade	800	0505896A	5,431	5,431	Recosted/Accelerated from 2003
ARNG	2001	2085	Yakima	WA	Maneuver Area Training Equipment Site, Phase I	218	0505896A	12,852	12,852	Incremental funding
ARNG	2001	2085	Various	ZU	Unspecified Minor Construction		0505896A	609	182	Less funds to projects
ARNG	2001	2085	Various	ZU	Planning and Design		0505896A	4,129	166	Less funds to projects
					TOTAL FUNDED 2001			89,357	41,357	
ARNG	2002	2085	Benton	AR	Readiness Center	171	0505896A	-	(2,009)	Appropriated 1999
ARNG	2002	2085	Fort Irwin	CA	Maneuver Area Training Equipment Site	218	0505896A	20,349	20,349	Rescoped/Moved from 2001
ARNG	2002	2085	Dagsboro	DE	Readiness Center	171	0505896A	-	(3,243)	Appropriated 1999
ARNG	2002	2085	Smyrna	DE	Readiness Center	171	0505896A	4,381	4,381	Recosted/Accelerated from 2003
ARNG	2002	2085	Pensacola	FL	Readiness Center	171	0505896A	3,653	3,653	Recosted/Accelerated from 2001
ARNG	2002	2085	Camp Atterbury	IN	Water System Improvements	840	0505896A	5,171	5,171	Accelerated from IRP
ARNG	2002	2085	Helena	MT	Armed Forces Reserve Center, PHI	171	0505896A	-	(8,021)	Appropriated 1999
ARNG	2002	2085	Fort Dix	NJ	Training & Training Technology Battle Lab Expan Phase II	171	0505896A	7,824	7,824	Recosted/Accelerated from 2003
ARNG	2002	2085	Carson City	NV	Readiness Center	171	0505896A	-	(5,431)	Appropriated 1999
ARNG	2002	2085	Salem	OR	Armed Forces Reserve Center	171	0505896A	-	(9,952)	Accelerated to 2001
ARNG	2002	2085	Latrobe	PA	Readiness Center	171	0505896A	-	(2,000)	Appropriated 1999
ARNG	2002	2085	Alcoa	TN	Readiness Center	171	0505896A	6,968	6,968	Recosted/Accelerated from 2003
ARNG	2002	2085	Camp Guernsey	WY	Combined Support Maintenance Shop/OMS/UTES	218	0505896A	-	(12,584)	Appropriated 1999
ARNG	2002	2085	Various	ZU	Unspecified Minor Construction		0505896A	254	(543)	More funds to projects
ARNG	2002	2085	Various	ZU	Planning and Design		0505896A	4,129	166	Less funds to projects
					TOTAL FUNDED 2002			52,729	4,729	

**Military Construction Army National Guard, Future Years Defense Plan**

Component	Fiscal Year	Appropriation	Installation	Location	Project Title	Facility Category	Program Element	Budgeted Amount	Change from Previous Submission	Explanation
ARNG	2003	2085	Marana	AZ	Western Army Avn Trg Educational Facility	171	0505896A	2,249	2,249	Accelerated from IRP
ARNG	2003	2085	Smyrna	DE	Readiness Center	171	0505896A	-	(5,317)	Accelerated to 2002
ARNG	2003	2085	Puunene, Maui	HI	Readiness Center	171	0505896A	7,860	7,860	Accelerated from IRP
ARNG	2003	2085	Waimanalo, Oahu	HI	Regional Training Institute Phase II	171	0505896A	10,852	10,852	Accelerated from IRP
ARNG	2003	2085	Baton Rouge	LA	Readiness Center	171	0505896A	3,989	3,989	Accelerated from IRP
ARNG	2003	2085	Brookhaven	MS	Readiness Center	171	0505896A	-	(2,724)	Appropriated 1999
ARNG	2003	2085	Vicksburg	MS	Readiness Center	171	0505896A	4,049	4,049	Accelerated from IRP
ARNG	2003	2085	Wapheton	ND	Readiness Center	171	0505896A	4,545	1	Recosted
ARNG	2003	2085	Fort Dix	NJ	Training & Training Technology Battle Lab Expan Phase II	171	0505896A	-	(7,805)	Accelerated to 2002
ARNG	2003	2085	Eastover	SC	Infrastructure Upgrade	800	0505896A	-	(3,763)	Accelerated to 2001
ARNG	2003	2085	Spartanburg	SC	Readiness Center	171	0505896A	-	(5,180)	Appropriated 1999
ARNG	2003	2085	Mitchell	SD	Combined Support Maintenance Shop	218	0505896A	8,981	3	Recosted
ARNG	2003	2085	Alcoa	TN	Readiness Center	171	0505896A	-	(4,867)	Accelerated to 2002
ARNG	2003	2085	Henderson	TN	Organizational Maintenance Shop	214	0505896A	1,319	1,319	Accelerated from IRP
ARNG	2003	2085	Various	ZU	Unspecified Minor Construction		0505896A	1,027	168	Less funds to projects
ARNG	2003	2085	Various	ZU	Planning and Design		0505896A	4,129	166	Less funds to projects
					TOTAL FUNDED 2003			49,000	1,000	
ARNG	2004	2085	Barrigada	GU	Readiness Center, Phase I	171	0505896A	8,056	8,056	Accelerated from IRP
ARNG	2004	2085	Concord	NH	Army Aviation Support Facility	211	0505896A	15,826	15,826	Accelerated from IRP
ARNG	2004	2085	Fort Knox	KY	Maneuver Area Training Site, Phase II	218	0505896A	3,336	3,336	Accelerated from IRP
ARNG	2004	2085	Camp Beauregard	LA	Readiness Center	171	0505896A	4,091	4,091	Accelerated from IRP
ARNG	2004	2085	Sedalia	MO	Readiness Center	171	0505896A	3,374	3,374	Accelerated from IRP
ARNG	2004	2085	Austin	TX	Army Aviation Support Facility	211	0505896A	9,479	9,479	Accelerated from IRP
ARNG	2004	2085	Various	ZU	Unspecified Minor Construction		0505896A	709	709	
ARNG	2004	2085	Various	ZU	Planning and Design		0505896A	4,129	4,129	
					TOTAL FUNDED 2004			49,000	49,000	
ARNG	2005	2085	Barber's Point	HI	Military Training Complex, Phase I	171	0505896A	3,127	3,127	Accelerated from IRP
ARNG	2005	2085	Camp Ripley	MN	Combined Support Maintenance Shop, Phase II	218	0505896A	9,911	9,911	Accelerated from IRP
ARNG	2005	2085	Camp Shelby	MS	Multi-Purpose Range Complex Heavy, Phase III	179	0505896A	4,780	4,780	Accelerated from IRP
ARNG	2005	2085	Fort Bragg	NC	Military Education Complex, Phase I	171	0505896A	8,094	8,094	Accelerated from IRP
ARNG	2005	2085	Fort Buchanan	PR	Readiness Center	171	0505896A	11,471	11,471	Accelerated from IRP
ARNG	2005	2085	Fort Pickett	VA	Multi-Purpose Range Complex Heavy, Phase I	179	0505896A	1,700	1,700	Accelerated from IRP
ARNG	2005	2085	Northfield	VT	Dual Use Facility	171	0505896A	4,300	4,300	Accelerated from IRP
ARNG	2005	2085	Eleanor	WV	Regional Maintenance Complex	214	0505896A	16,400	16,400	Accelerated from IRP
ARNG	2005	2085	Eleanor	WV	Readiness Center	171	0505896A	8,500	8,500	Accelerated from IRP
ARNG	2005	2085	Various	ZU	Unspecified Minor Construction		0505896A	488	488	
ARNG	2005	2085	Various	ZU	Planning and Design		0505896A	4,129	4,129	
					TOTAL FUNDED 2005			72,900	72,900	

1. COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE FEB 99									
3. INSTALLATION AND LOCATION FORT RICHARDSON, ALASKA		4. AREA CONSTR COST INDEX 1.5									
5. FREQUENCY AND TYPE OF UTILIZATION NORMAL ADMINISTRATION FIVE (5) DAYS PER WEEK, PLUS ONE (1) TWO (2) DAY TRAINING ASSEMBLY PER MONTH.											
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS  <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">ARMY FORT RICHARDSON</td> <td style="width: 20%;">2 MILES</td> <td style="width: 50%;">FORT</td> </tr> <tr> <td>USAF ELMENDORF</td> <td>5 MILES</td> <td>AIR BASE</td> </tr> <tr> <td>USAR RICHARDSON</td> <td>3 MILES</td> <td>ARMORY</td> </tr> </table>			ARMY FORT RICHARDSON	2 MILES	FORT	USAF ELMENDORF	5 MILES	AIR BASE	USAR RICHARDSON	3 MILES	ARMORY
ARMY FORT RICHARDSON	2 MILES	FORT									
USAF ELMENDORF	5 MILES	AIR BASE									
USAR RICHARDSON	3 MILES	ARMORY									
7. PROJECTS REQUESTED IN THIS PROGRAM											
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>									
218	COMBINED SUPPORT MAINTENANCE SHOP/MANEUVER AREA TRAINING EQUIPMENT SITE (CSMS/MATES)	6,699 SM / 13,850 72,107 SF									
		<u>COST</u> (\$000)									
		<u>DESIGN STATUS</u>									
		<u>START</u>									
		<u>COMPLETE</u>									
		3/97									
		4/99									
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDS UNILATERAL CONSTRUCTION.											
		<u>20 OCT 98</u> (Date)									
9. LAND ACQUISITION REQUIRED											
NONE		0									
		<u>(Number of acres)</u>									
10. PROJECTS PLANNED IN NEXT FOUR YEARS											
<u>FY</u>	<u>LOCATION</u>	<u>PROJECT</u>									
<u>COST</u>		<u>ESTIMATED PROJECT</u>									
01	FORT RICHARDSON	MOBILIZATION/TAXIWAY									
02	FORT RICHARDSON	TNG SITE, BOQ									
		20,000									
		1,545									
RPM BACKLOG (\$000): 219											
"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTING THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."											

1. COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>					2. DATE FEB 99																																																																																																																																	
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14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table style="width: 100%;"> <tr> <td style="width: 60%;">A. AIR POLLUTION</td> <td style="width: 20%; text-align: center;">NONE</td> <td style="width: 20%; text-align: right;">(\$000)</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: center;">NONE</td> <td></td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: center;">NONE</td> <td></td> </tr> </table>								A. AIR POLLUTION	NONE	(\$000)	B. WATER POLLUTION	NONE		C. OCCUPATIONAL SAFETY AND HEALTH	NONE																																																																																																																								
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1. COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE FEB 99
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3. INSTALLATION AND LOCATION  
**FORT RICHARDSON, ALASKA**

11. PERSONNEL STRENGTH AS OF: 1 DEC 98/CONTINUATION

	<u>PERMANENT</u>			<u>CIVILIAN</u>	<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>		<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED							
ACTUAL							

12. RESERVE UNIT DATA

UNIT	<u>UNIT DESIGNATION</u>			TPSN	<u>STRENGTH</u>	
	<u>MTOE</u>	<u>UIC</u>			<u>AUTHORIZED</u>	<u>ACTUAL</u>
DET 1, HQ STARC	TDA	W8AUA1		56751	5	4
DET 1-5, HHC 207	20500HNG01	WV3A1-A5		22238	51	39
HHC 1-297 IN	20500HNG02	WP53TO		22238	36	37
DET 2-6, HHC 1-297	20500HNG02	WP53T2-T6		22238	35	50
A/1-297 IN	20500HNG02	WP53A0		22238	17	13
DET 1-11, A/1-297 IN	20500HNG02	WYQ5T1-T11		22238	61	57
B/1-297 IN	20500HNG02	WP53B0		22238	22	42
DET 1-6, B/1-297 IN	20500HNG02	WYQ5TB1-6		22238	56	64
C/1-297 IN	20500HNG02	WP53CO-C8		22238	78	72
HHC. 2/297 IN	01285JNG20	WP54TO		22238	74	86
A/2-297 IN	20500HNG02	WP54AO-A7		22238	78	92
B/2-297 IN	20500HNG02	WP54B0-B7		22238	78	87
C/2-297 IN	20500HNG02	WY54CO-8		22238	78	107
DET 1, HHC/3-297 IN	20500HNG02	WPQ5T1		22238	46	90
A/3-297 IN	20500HNG02	WYQ5AO		22238	78	75
B/2-297 IN	20500HNG02	WPQ5BO-B2		22238	78	65
DET 1, A/1-207 AV	01285JNG20	YKKA1		22239	45	38
DET 1, B/1-2-7 AV	01285JNG20	WYKKB1		22239	18	14

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>

14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)



1. COMPONENT ARNG	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE FEB 99
3. INSTALLATION AND LOCATION FORT RICHARDSON, ALASKA			4. PROJECT TITLE CSMS/MATES	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 214	7. PROJECT NUMBER 020099	8. PROJECT COST (\$000) Auth 13,850 Approp 2,940	
9. COST ESTIMATES				
ITEM	U/M	QTY	UNIT COST	COST (\$000)
PRIMARY FACILITY				10,270
CSMS/MATES	SM	6,392	1,559.14	(9,966)
	SF	68,803	144.85	
CONTROLLED WASTE HANDLING FACILITY	SM	28	964.28	(27)
	SF	301	89.70	
UNHEATED STORAGE BLDG	SM	279	967.74	(270)
	SF	3,003	89.81	
FORCE PROTECTION	LS	-	-	(7)
SUPPORTING FACILITIES				2,662
SITE PREPARATION	SM	16,036	69.28	(1,111)
	SY	19,179	57.92	
FINE GRADING/LANDSCAPING	LS	-	-	(22)
PLANTING	LS	-	-	(11)
RIGID PAVING	SM	7,573	47.80	(362)
	SY	9,057	39.96	
FLEXIBLE PAVING	SM	3,719	35.76	(133)
	SY	4,448	29.90	
FENCING	LM	329	72.95	(24)
SIDEWALK	SM	167	269.46	(45)
	SF	1,798	25.02	
LOADING RAMP	LS	-	-	(38)
OUTSIDE LIGHTING	LS	-	-	(147)
FUEL STORAGE/DISP SYSTEM	LS	-	-	(93)
UTILITIES: WATER/SEWER/GAS/ELECTRIC	LS	-	-	(676)
SUBTOTAL				12,932
CONTINGENCY (5%)				647
TOTAL CONTRACT COST				13,579
SUPV, INSP, OVERHEAD (2%)				271
TOTAL REQUEST				13,850
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)				(245)
10. DESCRIPTION OF PROPOSED CONSTRUCTION This project is incrementally funded over two years to construct a maintenance facility. The Army National Guard's plan is to construct both increments as a continuous project using a single construction contract with full authorization for a \$13.850 million project in FY 2000. Furthermore, the Army National Guard is requesting an appropriation of \$2.940 million in FY 2000 and advance appropriation of the remaining amount of \$10.910 million. Project consists of a maintenance facility with 22 bays, allied trade shops, storage areas, and an administrative work area constructed of masonry, roof and concrete floor. Partitions will consist of masonry block. Supporting facilities will include lube and inspection rack, outside storage, utilities, fire protection, loading ramps, fencing, fuel dispensing system, and site preparation. CSMS/MATES administrative area includes office and computer space for authorized personnel. Physical security measures will be incorporated into design, including maximum feasible standoff distance from roads, parking areas, vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained. Air Conditioning - 0 ton:				
11. REQUIREMENT: 6,699 SM/ 72,107 SF ADEQUATE: 0 SM SUBSTANDARD: 1,952 SM /21,011 SF				
<u>PROJECT:</u> Construct a new CSMS/MATES to provide adequate space to support peacetime mission. (Current Mission) <u>REQUIREMENT:</u> A facility requirement of 6,699 SM is requested to permit maintenance at the support levels to be performed on vehicles and equipment authorized by TOE/TDA of the supported units.				

1. COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE FEB 99
3. INSTALLATION AND LOCATION FORT RICHARDSON, ALASKA		
4. PROJECT TITLE CSMS/MATES		4. PROJECT NUMBER 020099
<p><u>CURRENT SITUATION</u>: The existing facility contains 1,952 SM which was constructed in 1971. The soldiers that will be working in this facility currently work in an overcrowded and substandard maintenance shop. Since the existing facility was constructed, the missions have changed, creating an increase in equipment and maintenance requirements and causing a severe lack of functional space. Alteration of the existing facility is not cost effective alternative. The building is in extremely poor condition. The facility is too small to include all the areas in the building, such as work bays and offices. The existing facility is state property and will revert to the state when vacated.</p> <p><u>IMPACT IF NOT PROVIDED</u>: The quality of work will decrease due to the deficient administrative, work and storage areas to perform administrative and maintenance activities. The cost to maintain the existing facility to meet current and future mission requirements will increase. The sub-standard working environment will have an increasingly adverse impact on unit equipment, readiness and retention of soldiers.</p> <p><u>ADDITIONAL</u>: This project has been coordinated with the state physical security officer, and no force protection/combating terrorism measures other than those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 1 June 1997 and Design Guide 415-2 dated 1 July 1997. The most similar DoD standards (Vehicle Maintenance Shop, Wheeled and Vehicle Maintenance Shop, Tracked) do not address all of the current criteria incorporated in the CSMS/MATES design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and utilized in evaluating this project. However, the primary justification for the project is readiness and quality of life, not economic. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.</p>		
AT/FP POC: COL HAYNES/907-428-6200		MAJ ABRELL/907-428-6898

1. COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE FEB 99	
3. INSTALLATION AND LOCATION FORT RICHARDSON, ALASKA			
4. PROJECT TITLE CSMS/MATES		5. PROJECT NUMBER 020099	
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED.....		03/97	
(b) PERCENT COMPLETE AS OF JANUARY 1999.....		65%	
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....		9/97	
(d) DATE DESIGN COMPLETE.....		4/99	
(e) PARAMETRIC COST ESTIMATING USED TO DEVELOP COST		NO	
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS.....			
WILL BE DOCUMENTED DURING FINAL DESIGN			
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN - YES ___ NO <input checked="" type="checkbox"/>			
(b) WHERE DESIGN WAS MOST RECENTLY USED		N/A	
(3) TOTAL COST (c) = (a) + (b) or (d) + (e):			
(\$000)			
(a) PRODUCTION OF PLANS AND SPECIFICATIONS.....		0	
(b) ALL OTHER DESIGN COSTS.....		(1,182)	
(c) TOTAL.....		(1,182)	
(d) CONTRACT.....		0	
(e) IN-HOUSE.....			
05/00			
(MONTH AND YEAR)			
(4) CONSTRUCTION START.....			
12/01			
(MONTH AND YEAR)			
(5) CONSTRUCTION COMPLETION DATE.....			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
TELECOM	OMARNG	00	45
FUEL CELL	DOE	00	200



1.COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE FEB 99		
3. INSTALLATION AND LOCATION MARSEILLES TRAINING AREA, MARSEILLES, ILLINOIS					4. AREA CONSTR COST INDEX 1.26		
11. PERSONNEL STRENGTH AS OF: 1 DEC 98							
	<u>TOTAL</u>	<u>PERMANENT</u>		<u>CIVILIAN</u>	<u>TOTAL</u>	<u>GUARD/RESERVE</u>	
		<u>OFFICER</u>	<u>ENLISTED</u>			<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	10	1	4	5	10,734	1,063	9,671
ACTUAL	9	1	3	5	10,230	1,005	9,225
12. RESERVE UNIT DATA							
	<u>UNIT DESIGNATION</u>				<u>AUTHORIZED</u>	<u>STRENGTH</u>	
	ALL IL ARNG UNITS				10,734	<u>ACTUAL</u>	
						10,230	
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ASSIGNED</u>	
	N/A						
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:							
					(\$000)		
	A. AIR POLLUTION				NONE		
	B. WATER POLLUTION				NONE		
	C. OCCUPATIONAL SAFETY AND HEALTH				NONE		

1. COMPONENT ARNG		<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE FEB 99			
3. INSTALLATION AND LOCATION MARSEILLES TRAINING AREA, MARSEILLES, ILLINOIS				4. PROJECT TITLE BATTALION TRAINING COMPLEX				
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 171	7. PROJECT NUMBER 170042		8. PROJECT COST (\$000) Auth 10,952 Approp 2,325			
9. COST ESTIMATES								
ITEM					U/M	QTY	UNIT COST	COST (\$000)
PRIMARY FACILITY								9,526
CONSOLIDATED BARRACKS					SM	8,550	709.71	(6,068)
					SF	92,032	65.93	
BOQ					SM	1,345	914.50	(1,230)
					SF	14,477	84.96	
BN HQ FACILITY					SM	2,745	806.56	(2,214)
					SF	29,547	74.93	
FORCE PROTECTION					LS	-	-	(14)
SUPPORTING ACTIVITIES								763
SITE PREPARATION					LS	-	-	(200)
FINE GRADING, SEEDING & FLAGPOLE					LS	-	-	(41)
SIDEWALK					LS	-	-	(24)
PAVING, FLEXIBLE					LS	-	-	(286)
SITE LIGHTING					LS	-	-	(42)
UTILITIES (ELECTRIC, WATER, GAS, SEWER)					LS	-	-	(170)
SUBTOTAL								10,289
CONTINGENCY (5%)								514
TOTAL CONTRACT COST								10,803
SUPERVISION, INSP & OVERHEAD (1.37%)								149
TOTAL REQUEST								10,952
EQUIPMENT PROVIDED FROM OTHE FED APPROPRIATIONS (NON-ADD)								(408)
10. DESCRIPTION OF PROPOSED CONSTRUCTION								
<p>This project is incrementally funded over two years to construct a battalion size training site complex. The Army National Guard's plan is to construct both increments as a continuous project using a single construction contract with full authorization for a \$10.952 million project in FY 2000. Furthermore, the Army National Guard is requesting an appropriation of \$2.325 million in FY 2000 and advance appropriation of the remaining amount of \$8.627 million.</p> <p>A battalion size training site complex to include: a 60 person bachelor officer quarters (BOQ); four (4) 160 person barracks buildings, with consolidated administrative and supply areas (two (2) of these include a 200 person dining facility); a separate 400 person dining facility; and a consolidated battalion headquarters, troop medical clinic, battalion supply and ration breakdown, education, training, and physical fitness facility. All buildings will be of concrete masonry unit construction with concrete floor and sloped metal roofs. Supporting items will be roads, parking, sidewalks, utilities, and site lighting. Physical security measures will be incorporated into design, including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained.</p> <p><i>Air Conditioning: 25 tons</i></p>								
11. REQUIREMENT: 12,640 SM / 136,056 SF ADEQUATE: 0 SM SUBSTANDARD: 0 SM								
<p><b>PROJECT:</b> New construction of a training site complex consisting of 12,640 SM of space to include administrative, logistical, dining, and housing facilities with coat efficient mechanical and electrical equipment to effectively support up to battalion level training at the Marseilles Training Area. (Current Mission)</p> <p><b>REQUIREMENT:</b> Training site support facilities are required to provide adequate facilities for noncommissioned officer education system (NCOES) development, military occupational specialty (MOS) instruction, and units performing year round training and inactive duty training (IDT) at this location. This project will support all units of the IL ARNG and other reserve components stationed in and around Illinois, by enhancing combat readiness. The training area is on State owned land.</p>								

1. COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE FEB 99
3. INSTALLATION AND LOCATION MARSEILLES TRAINING AREA, MARSEILLES ILLINOIS		
4. PROJECT TITLE BATTALION TRAINING COMPLEX		4. PROJECT NUMBER 170042
<p><u>CURRENT SITUATION</u>: NCOES and MOS training are currently being conducted in field tents which provide limited temporary supply, administrative, housing and personal hygiene facilities. There are no permanent administrative or housing facilities at the Marseilles Training Area (MTA). Valuable training time is being wasted by setting up and tearing down tents during IDT and annual training. This is inadequate for any NCOES and MOS school instruction at MTA. To go to a training area with adequate facilities would require driving over 250 miles, which is excessive travel time. The existing tent pads will be removed and disposed of in accordance with all applicable federal, state and local provisions.</p> <p><u>IMPACT IF NOT PROVIDED</u>: Units that use MTA for NCOES and MOS training will suffer morale and retention losses due the lack of operationally modern facilities. Units that do not utilize MTA for NCOES and MOS training will lose valuable time and degradation of readiness due to the travel time to alternate training facilities or lengthy preparation of training due to inappropriate training facilities. Without this project the training area cannot be utilized to its full extent, and the result is a reduced training tempo and an overall degradation in readiness.</p> <p><u>ADDITIONAL</u>: This project has been coordinated with the state physical security officer, and no force protection/combating terrorism measures other than those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 1 June 1997 and Design Guide 415-3 dated 30 March 1996. The most similar DoD standards (Barracks, BOQ, Command Headquarters Building) do not address all of the current criteria incorporated in the Battalion Training Complex design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and utilized in evaluating this project. However, the primary justification for the project is readiness and quality of life, not economic. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.</p>		
AT/FP POC: LTC YOUNG/217-761-3577		COL WIDNER/217-761-3595



1. COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE FEB 99																				
3. INSTALLATION AND LOCATION  CHARLOTTE, NORTH CAROLINA		4. AREA CONSTR COST INDEX  0.84																				
5. FREQUENCY AND TYPE OF UTILIZATION  NORMAL ADMINISTRATION FIVE (5) DAYS PER WEEK, PLUS ONE (1) TWO (2) DAY TRAINING ASSEMBLY PER MONTH.																						
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS  <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">ARNG:</td> <td style="width: 20%;">BELMONT</td> <td style="width: 20%;">(8 MILES)</td> <td style="width: 15%;">ARMORY</td> <td style="width: 10%;">1961</td> <td style="width: 25%;">13,401 SF</td> </tr> <tr> <td></td> <td>GASTONIA</td> <td>(17 MILES)</td> <td>ARMORY</td> <td>1980</td> <td>18,880 SF</td> </tr> <tr> <td></td> <td>CONCORD</td> <td>(27 MILES)</td> <td>ARMORY</td> <td>1985</td> <td>18,925 SF</td> </tr> </table>			ARNG:	BELMONT	(8 MILES)	ARMORY	1961	13,401 SF		GASTONIA	(17 MILES)	ARMORY	1980	18,880 SF		CONCORD	(27 MILES)	ARMORY	1985	18,925 SF		
ARNG:	BELMONT	(8 MILES)	ARMORY	1961	13,401 SF																	
	GASTONIA	(17 MILES)	ARMORY	1980	18,880 SF																	
	CONCORD	(27 MILES)	ARMORY	1985	18,925 SF																	
7. PROJECTS REQUESTED IN THIS PROGRAM  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: left; vertical-align: bottom;">CATEGORY CODE</th> <th rowspan="2" style="text-align: left; vertical-align: bottom;">PROJECT TITLE</th> <th rowspan="2" style="text-align: left; vertical-align: bottom;">SCOPE</th> <th rowspan="2" style="text-align: left; vertical-align: bottom;">COST (\$000)</th> <th colspan="2" style="text-align: center; border-bottom: 1px solid black;">DESIGN STATUS</th> </tr> <tr> <th style="text-align: center; border-bottom: 1px solid black;">START</th> <th style="text-align: center; border-bottom: 1px solid black;">COMPLETE</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;">214 5/99</td> <td style="vertical-align: top;">ORGANIZATIONAL</td> <td style="vertical-align: top;">2,374 SM/</td> <td style="vertical-align: top;">4,297</td> <td style="text-align: center; vertical-align: top;">5/97</td> <td></td> </tr> <tr> <td></td> <td style="vertical-align: top;">MAINTENANCE SHOP</td> <td style="vertical-align: top;">25,554 SF</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS		START	COMPLETE	214 5/99	ORGANIZATIONAL	2,374 SM/	4,297	5/97			MAINTENANCE SHOP	25,554 SF			
CATEGORY CODE	PROJECT TITLE	SCOPE					COST (\$000)	DESIGN STATUS														
			START	COMPLETE																		
214 5/99	ORGANIZATIONAL	2,374 SM/	4,297	5/97																		
	MAINTENANCE SHOP	25,554 SF																				
8. JOINT SERVICES RESERVE COMPONENT FACILITIES BOARD RECOMMENDATION <p>FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDS UNILATERAL CONSTRUCTION.</p> <div style="text-align: right; margin-right: 50px;"> <u>20 JAN 99</u>            (Date)         </div>																						
9. LAND ACQUISITION REQUIRED <p>NONE</p> <div style="text-align: right; margin-right: 50px;"> <u>0</u>            (Number of acres)         </div>																						
10. PROJECTS PLANNED IN NEXT FOUR YEARS   <p>RPM BACKLOG (\$000): 30</p> <p>"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTING THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."</p>																						

1.COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE FEB 99		
3. INSTALLATION AND LOCATION CHARLOTTE, NORTH CAROLINA							
11. PERSONNEL STRENGTH AS OF: 1 DEC 98							
		<u>PERMANENT</u>				<u>GUARD/RESERVE</u>	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	40	2	380	0	1,111	102	1,009
ACTUAL	22	2	20	0	989	100	889
12. RESERVE UNIT DATA							
	<u>UNIT DESIGNATION</u>			<u>STRENGTH</u>			
					<u>AUTHORIZED</u>	<u>ACTUAL</u>	
	HEADQUARTERS, HEADQUARTERS BATTERY 1-113TH FIELD ARTILLERY BATTALION UIC: WPJDT0 TPSN 14030			230	171		
	BATTERY A, 1-113TH FIELD ARTILLERY BATTALION UIC: WPJDAO TPSN 14030			118	103		
	BATTERY B, 1-113TH FIELD ARTILLERY BATTALION UIC: WPJDBO TPSN 14030			114	96		
	BATTERY C, 1-113TH FIELD ARTILLERY BATTALION UIC: WPJDCA TPSN 14030			108	84		
	HEADQUARTERS, HEADQUARTERS COMPANY 30TH ENGINEER BRIGADE (TA) UIC: WVAQAA TPSN 31302			139	148		
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<u>TYPE</u>	<u>AUTHORIZED</u>		<u>ASSIGNED</u>			
	WHEELED VEHICLES	264		245			
	TRACKED VEHICLES	16 1/		13 1/			
	TRAILERS	118		137			
1/ THE ONLY TRACKED VEHICLES SERVICED IN CHARLOTTE ARE ENGINEER TRACKS SUPPORTED BY THE OMS. TRACKED VEHICLES BELONGING TO THE 1-113TH FA BATTALION ARE SERVICED AT THE MATES (FT. BRAGG), AND ARE NOT INCLUDED IN THE ABOVE LIST.							
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:							
						(\$000)	
	A. AIR POLLUTION					NONE	
	B. WATER POLLUTION					NONE	
	C. OCCUPATIONAL SAFETY AND HEALTH					NONE	

1. COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE FEB 99														
3. INSTALLATION AND LOCATION CHARLOTTE, NORTH CAROLINA																
11. PERSONNEL STRENGTH AS OF: 1 DEC 98/CONTINUATION																
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%; text-align: center;"><u>PERMANENT</u></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%; text-align: center;"><u>GUARD/RESERVE</u></td> <td style="width: 15%;"></td> </tr> <tr> <td style="text-align: center;"><u>TOTAL</u></td> <td style="text-align: center;"><u>OFFICER</u></td> <td style="text-align: center;"><u>ENLISTED</u></td> <td style="text-align: center;"><u>CIVILIAN</u></td> <td style="text-align: center;"><u>TOTAL</u></td> <td style="text-align: center;"><u>OFFICER</u></td> <td style="text-align: center;"><u>ENLISTED</u></td> </tr> </table>		<u>PERMANENT</u>				<u>GUARD/RESERVE</u>		<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>											
<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>										
AUTHORIZED																
ACTUAL																
12. RESERVE UNIT DATA																
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"></td> <td style="width: 20%; text-align: center;"><u>STRENGTH</u></td> <td style="width: 20%;"></td> </tr> <tr> <td style="text-align: center;"><u>UNIT DESIGNATION</u></td> <td style="text-align: center;"><u>AUTHORIZED</u></td> <td style="text-align: center;"><u>ACTUAL</u></td> </tr> </table>		<u>STRENGTH</u>		<u>UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>									
	<u>STRENGTH</u>															
<u>UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>														
HEADQUARTERS SUPPORT COMPANY, 505TH ENGINEER BATTALION UIC: WTX7TO TPSN 21364	241	241														
COMPANY B, 505TH ENGINEER BATTALION UIC: WTX7BO TPSN 21364	161	148														
TOTAL	1,111	989														
<u>WORKBAY DETERMINATION:</u>																
OMS 5 -- <u>36 AUTHORIZED MECHANICS</u> = 12 WORKBAYS AUTHORIZED																
3																
1/ THE ONLY TRACKED VEHICLES SERVICED IN CHARLOTTE ARE ENGINEER TRACKS SUPPORTED BY THE OMS. TRACKED VEHICLES BELONGING TO THE 1-113TH FA BATTALION ARE SERVICED AT THE MATES (FT. BRAGG), AND ARE NOT INCLUDED IN THE ABOVE LIST.																
13. MAJOR EQUIPMENT AND AIRCRAFT																
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; text-align: center;"><u>TYPE</u></td> <td style="width: 30%; text-align: center;"><u>AUTHORIZED</u></td> <td style="width: 40%; text-align: center;"><u>ASSIGNED</u></td> </tr> </table>	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>												
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>														
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:																
		(\$000)														

1. COMPONENT ARNG		FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE FEB 99	
3. INSTALLATION AND LOCATION CHARLOTTE, NORTH CAROLINA			4. PROJECT TITLE ORGANIZATIONAL MAINT SHOP			
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 214	7. PROJECT NUMBER 370036		8. PROJECT COST (\$000) Auth 4,297 Approp 912		
9. COST ESTIMATES						
ITEM		U/M	QTY	UNIT COST	COST (\$000)	
PRIMARY FACILITY					2,947	
OMS MAIN FACILITY		SM	2,224	1,258.54	(2,799)	
		SF	23,939	116.92		
FLAMMABLE MATERIALS STORAGE		SM	26	846.15	(22)	
		SF	280	78.57		
CONTROLLED WASTE HANDLING FACILITY		SM	31	870.97	(27)	
		SF	334	80.83		
ENCLOSED UNHEATED STORAGE		SM	93	881.72	(82)	
		SF	1,001	81.91		
FORCE PROTECTION		LS	-	-	(17)	
SUPPORTING FACILITIES					1,090	
SITE PREPARATION, GRADING & DRAINAGE		LS	-	-	(468)	
FINE GRADING, SEEDING & PLANTINGS		LS	-	-	(52)	
FUEL STORAGE & DISPENSING SYSTEMS		LS	-	-	(94)	
FENCING		LM	298	60.40	(18)	
		LF	978	18.40		
REALIGN STREET INTERSECTION (DEMO)		SM	836	7.18	(6)	
		SY	1,000	6.00		
REALIGN STREET INTERSECTION (PAVEMENT)		SM	460	17.39	(7)	
		SY	550	12.72		
PAVING (FLEXIBLE)		SM	1,112	17.09	(19)	
		SY	1,330	14.28		
PAVING (RIGID) & SIDEWALKS		SM	6,113	54.47	(333)	
		SY	7,311	45.54		
WASH PLATFORM		LS	-	-	(23)	
LUBE & INSPECTION RACK		LS	-	-	(29)	
DETACHED FACILITIES SIGN		LS	-	-	(6)	
MILITARY VEHICLE LOADING RAMP		LS	-	-	(12)	
UTILITIES (WATER, SEWER, GAS, TELECOM, ELEC)		LS	-	-	(23)	
SUBTOTAL					4,037	
CONTINGENCY (5%)					202	
TOTAL CONTRACT COST					4,239	
SUPERVISION, INSP & OVERHEAD (1.37%)					58	
TOTAL REQUEST					4,297	
EQUIP. PROV FROM OTHER FED APPROP. (NON-ADD)					(2)	
10. DESCRIPTION OF PROPOSED CONSTRUCTION This project is incrementally funded over two years to construct a new organizational maintenance shop. The Army National Guard's plan is to construct both increments as a continuous project using a single construction contract with full authorization for a \$4.297 million project in FY 2000. Furthermore, the Army National Guard is requesting an appropriation of \$.912 million in FY 2000 and advance appropriation of the remaining amount of \$3.385 million. The project consists of a new organizational maintenance shop. The main building will have administrative areas, work spaces, and twelve maintenance bays. Permanent masonry construction will be used, to include a standing seam metal roof and concrete floors. Other facilities will include a flammable materials storage area, a controlled waste handling facility, and an enclosed unheated storage building. Supporting facilities will include flexible and rigid paving, sidewalks, fencing, fuel storage and dispensing systems, wash platform, loading ramp, a detached facility sign, and a lube & inspection rack. Physical security measures will be incorporated into design, including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained. AIR CONDITIONING - 6 TONS						
11. REQUIREMENT: 2,374 SM/25,54 SF ADEQUATE: 0 SM SUBSTANDARD: 691 SM/7,438 SF  <b>PROJECT:</b> A consolidated facility to provide organizational maintenance support for the equipment and vehicles of four batteries and three companies. (Current Mission) <b>REQUIREMENT:</b> A facility of 2,374 SM is required to permit organizational level maintenance for vehicles listed by MTOE.						

1. COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE FEB 99
3. INSTALLATION AND LOCATION CHARLOTTE, NORTH CAROLINA		
4. PROJECT TITLE ORGANIZATIONAL MAINTENANCE SHOP		4. PROJECT NUMBER 370036
<p><u>CURRENT SITUATION:</u> The existing maintenance facilities for the OMS were built in 1974, and contain only 691 SM. Within the building there are no showers, locker rooms, battery rooms or storage space. The heating, electrical and plumbing systems are obsolete. The existing OMS is scheduled for demolition with state funding.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Unit readiness will be degraded, and the quality of work will decrease due to deficient administrative, work, and storage space.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the state physical security officer, and no force protection/combating terrorism measures other than those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 1 June 1997 and Design Guide 415-2 dated 1 July 1997. The most similar DoD standards (Vehicle Maintenance Shop, Wheeled and Vehicle Maintenance Shop, Tracked) do not address all of the current criteria incorporated in the organizational maintenance shop design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and utilized in evaluating this project. However, the primary justification for the project is readiness and quality of life, not economic. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.</p>		
AT/FP POC: SGM BOOTH/919-664-6237		COL GOSS/919-664-6114

1. COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE FEB 99	
3. INSTALLATION AND LOCATION CHARLOTTE, NORTH CAROLINA			
4. PROJECT TITLE ORGANIZATIONAL MAINTENANCE SHOP		5. PROJECT NUMBER 370036	
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED.....		05/97	
(b) PERCENT COMPLETE AS OF JANUARY 1999.....		35%	
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....		10/97	
(d) DATE DESIGN COMPLETE.....		5/99	
(e) PARAMETRIC COST ESTIMATING USED TO DEVELOP COST.		NO	
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS.....			
WILL BE DOCUMENTED DURING FINAL DESIGN			
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN - YES ____ NO <input checked="" type="checkbox"/>			
(b) WHERE DESIGN WAS MOST RECENTLY USED		N/A	
(3) TOTAL COST (c) = (a) + (b) or (d) + (e):			
(a) PRODUCTION OF PLANS AND SPECIFICATIONS.....		0	
(b) ALL OTHER DESIGN COSTS.....		0	
(c) TOTAL.....		(186)	
(d) CONTRACT.....		(186)	
(e) IN-HOUSE.....		0	
06/00			
(MONTH AND YEAR)			
(4) CONSTRUCTION START.....			
10/01			
(MONTH AND YEAR)			
(5) CONSTRUCTION COMPLETION DATE.....			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
TELECOMMUNICATIONS	OMARNG	FY00	2

1. COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE FEB 99																		
3. INSTALLATION AND LOCATION CHARLOTTE, NORTH CAROLINA		4. AREA CONSTR COST INDEX 0.84																		
5. FREQUENCY AND TYPE OF UTILIZATION  NORMAL ADMINISTRATION FIVE (5) DAYS PER WEEK, PLUS ONE (1) TWO (2) DAY TRAINING ASSEMBLY PER MONTH.																				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">ARNG:</td> <td style="width:15%;">BELMONT</td> <td style="width:15%;">(8 MILES)</td> <td style="width:15%;">ARMORY</td> <td style="width:10%;">1961</td> <td style="width:15%;">13,401 SF</td> </tr> <tr> <td></td> <td>GASTONIA</td> <td>(17 MILES)</td> <td>ARMORY</td> <td>1980</td> <td>18,880 SF</td> </tr> <tr> <td></td> <td>CONCORD</td> <td>(27 MILES)</td> <td>ARMORY</td> <td>1985</td> <td>18,925 SF</td> </tr> </table>			ARNG:	BELMONT	(8 MILES)	ARMORY	1961	13,401 SF		GASTONIA	(17 MILES)	ARMORY	1980	18,880 SF		CONCORD	(27 MILES)	ARMORY	1985	18,925 SF
ARNG:	BELMONT	(8 MILES)	ARMORY	1961	13,401 SF															
	GASTONIA	(17 MILES)	ARMORY	1980	18,880 SF															
	CONCORD	(27 MILES)	ARMORY	1985	18,925 SF															
7. PROJECTS REQUESTED IN THIS PROGRAM  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width:10%;">CATEGORY CODE</th> <th style="text-align: left; width:30%;">PROJECT TITLE</th> <th style="text-align: left; width:15%;">SCOPE</th> <th style="text-align: left; width:10%;">COST (\$000)</th> <th style="text-align: left; width:15%;">DESIGN STATUS START</th> <th style="text-align: left; width:10%;">COMPLETE</th> </tr> </thead> <tbody> <tr> <td>171</td> <td>READINESS CENTER</td> <td>7,019 SM/</td> <td>7,087</td> <td>5/97</td> <td></td> </tr> <tr> <td>5/99</td> <td></td> <td>75,552 SF</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS START	COMPLETE	171	READINESS CENTER	7,019 SM/	7,087	5/97		5/99		75,552 SF			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS START	COMPLETE															
171	READINESS CENTER	7,019 SM/	7,087	5/97																
5/99		75,552 SF																		
8. JOINT SERVICES RESERVE COMPONENT FACILITIES BOARD RECOMMENDATION  FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDS UNILATERAL CONSTRUCTION. <div style="text-align: right; margin-top: 10px;"> <u>20 JAN 99</u>  (Date) </div>																				
9. LAND ACQUISITION REQUIRED NONE		<u>0</u> (Number of acres)																		
10. PROJECTS PLANNED IN NEXT FOUR YEARS  RPM BACKLOG (\$000): 30  "A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTING THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."																				

1. COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>					2. DATE FEB 99	
3. INSTALLATION AND LOCATION CHARLOTTE, NORTH CAROLINA							
11. PERSONNEL STRENGTH AS OF: 1 DEC 98							
		<u>PERMANENT</u>				<u>GUARD/RESERVE</u>	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	27	7	200	0	435	63	372
ACTUAL	25	6	19	0	388	61	327
12. RESERVE UNIT DATA							
	<u>UNIT DESIGNATION</u>				<u>STRENGTH</u>		
					<u>AUTHORIZED</u>		<u>ACTUAL</u>
	HHC 30TH ENGR BDE (TA) UIC: WVAQAA TPSN: 31306				139		146
	DET 2, HSC, 505TH EN BN UIC: WTX7T2 TPSN: 21364				66		71
	HHB, 1ST BN, 113TH FA UIC: WPJDTO TPSN: 14030				230*		171
	TOTAL				435		388
* INCLUDES 10-MAN MESS TEAM AUGMENTATION.							
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<u>TYPE</u>		<u>AUTHORIZED</u>		<u>ASSIGNED</u>		
	WHEELED VEHICLES		96		96		
	TRACKED VEHICLES		13 **		13 **		
	TRAILERS		22		22		
** TRACKED VEHICLES ARE STATIONED AT MATES, FT. BRAGG.							
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:							
					(\$000)		
	A. AIR POLLUTION					NONE	
	B. WATER POLLUTION					NONE	
	C. OCCUPATIONAL SAFETY AND HEALTH					NONE	

1. COMPONENT ARNG		<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE FEB 99			
3. INSTALLATION AND LOCATION CHARLOTTE, NORTH CAROLINA				4. PROJECT TITLE READINESS CENTER				
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 171	7. PROJECT NUMBER 370008		8. PROJECT COST (\$000) Auth 7,087 Approp 1,504			
9. COST ESTIMATES								
ITEM					U/M	QTY	UNIT COST	COST (\$000)
PRIMARY FACILITY								8,190
READINESS CENTER					SM	7,019	1,160.70	(8,147)
					SF	75,552	107.83	
FORCE PROTECTION					LS	-	-	(43)
SUPPORTING ACTIVITIES								1,135
SITE PREP/DEMOLITION (100% State)					LS	-	-	(450)
FINE GRADING, SEEDING AND PLANTING					LS	-	-	(127)
FENCING					LM	303	49.50	(15)
					LF	994	15.09	
MIL. VEH. PARKING-RIGID CONCRETE					SM	5,106	46.61	(238)
					SY	6,107	38.97	
POV PARKING-FLEXIBLE					SM	10,195	20.89	(213)
					SY	12,193	17.46	
ACCESS ROAD-CONCRETE					SM	1,004	46.81	(47)
					SY	1,201	39.13	
SIDEWALKS					SM	167	53.89	(9)
					SF	1,798	5.00	
FLAGPOLE					LS	-	-	(3)
UTILITIES					LS	-	-	(33)
SUBTOTAL								9,325
CONTINGENCY (5%)								466
TOTAL CONTRACT COST								9,791
SUPV, INSP OVERHEAD-FED (1.37%)								134
TOTAL REQUEST								7,087
STATE SHARE (NON-ADD)								(2,838)
EQUIP FROM OTHER FED APPR (NON-ADD)								(70)
10. DESCRIPTION OF PROPOSED CONSTRUCTION								
<p>This project is incrementally funded over two years to construct a readiness center. The Army National Guard's plan is to construct both increments as a continuous project using a single construction contract with full authorization for a \$7.087 million project in FY 2000. Furthermore, the Army National Guard is requesting an appropriation of \$1.504 million in FY 2000 and advance appropriation of the remaining amount of \$5.583 million. This project is a specifically designed facility of permanent type construction, brick and concrete blocks units, with a standing seam metal roof and concrete floors. This is a multi-story structure with mechanical and electrical equipment. Support facilities include fencing, pavements, utility connections, sidewalk and flagpole. Physical security measures will be incorporated into design, including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained.</p> <p>Air Conditioning: 50 tons.</p>								
11. REQUIREMENT: 7,019 SM/75,552 SF ADEQUATE: 0 SM SUBSTANDARD: 2,958 SM/31,840 SF								
<p><b>PROJECT:</b> A readiness center is requested to serve the peacetime mission of this unit. The space will permit all personnel to perform many necessary tasks that will improve their readiness posture for completion of combat objectives. The existing armory cannot be expanded. (Current Mission)</p> <p><b>REQUIREMENT:</b> This facility is required to house three separate units in a consolidated location. This readiness center will provide the necessary administration, indoor training areas, and storage of equipment space to achieve the proficiency in required training and to accomplish the assigned readiness objectives. A site has been identified and has been transferred to the State.</p>								

1.COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE FEB 99
3. INSTALLATION AND LOCATION CHARLOTTE, NORTH CAROLINA		
4. PROJECT TITLE READINESS CENTER		4. PROJECT NUMBER 370008
<p><u>CURRENT SITUATION</u>: The present readiness center consists of 2,958 SM and was constructed in 1956. The chronic shortage of space (42% of what is authorized for these units) is worsened by the deteriorated condition of the building itself, as well as the poor site location at the fringe of an international airport. Dangerously high noise levels from jets lifting off on the adjacent runway make relocation of the armory essential. The Airport Authority considers the current readiness center to be an obstacle to their future growth and has provided a superior property on a favorable site less exposed to aircraft noise. The existing readiness center is State-owned and will be disposed of after the new facility has been occupied, in accordance with State Laws.</p> <p><u>IMPACT IF NOT PROVIDED</u>: The unit will be required to use the overcrowded facility with a deficiency of 4,054 SM in supply and training areas. The overcrowded conditions and high noise levels will continue to have an adverse effect on troop morale, affecting the recruiting and retention of personnel.</p> <p><u>ADDITIONAL</u>: This project has been coordinated with the state physical security officer, and no force protection/combating terrorism measures other than those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 1 June 1997 and Design Guide 415-1 dated 1 June 1997. The most similar DoD standard (Reserve Center) do not address all of the current criteria incorporated in the readiness center design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and utilized in evaluating this project. However, the primary justification for the project is readiness and quality of life, not economic. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.</p>		
AT/FP POC: SGM BOOTH/919-664-6237		COL GOSS/919-664-6114

1. COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE FEB 99	
3. INSTALLATION AND LOCATION CHARLOTTE, NORTH CAROLINA			
4. PROJECT TITLE READINESS CENTER		5. PROJECT NUMBER 370008	
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED.....		05/97	
(b) PERCENT COMPLETE AS OF JANUARY 1999.....		35%	
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....		10/97	
(d) DATE DESIGN COMPLETE.....		5/99	
(e) PARAMETRIC COST ESTIMATING USED TO DEVELOP COST.		NO	
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS.....			
WILL BE DOCUMENTED DURING FINAL DESIGN.			
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN - YES ___ NO <input checked="" type="checkbox"/>			
(b) WHERE DESIGN WAS MOST RECENTLY USED		N/A	
(3) TOTAL COST (c) = (a) + (b) or (d) + (e):			
(a) PRODUCTION OF PLANS AND SPECIFICATIONS.....		(\$000) 0	
(b) ALL OTHER DESIGN COSTS.....		0	
(c) TOTAL.....		(304)	
(d) CONTRACT.....		(304)	
(e) IN-HOUSE.....		0	
<u>06/00</u>			
(4) CONSTRUCTION START.....		(MONTH AND YEAR)	
<u>10/01</u>			
(5) CONSTRUCTION COMPLETION DATE.....		(MONTH AND YEAR)	
EQUIPMENT	PROCURING	FISCAL YEAR	
<u>NOMENCLATURE</u>	<u>APPROPRIATION</u>	<u>APPROPRIATED</u>	COST
		<u>OR REQUESTED</u>	(\$000)
KITCHEN EQUIPMENT	OMARNG	FY 00	70

1. COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE FEB 99	
3. INSTALLATION AND LOCATION YAKIMA TRAINING CENTER (YTC) YAKIMA, WASHINGTON					4. AREA CONSTR COST INDEX 1.04	
5. FREQUENCY AND TYPE OF UTILIZATION FACILITY IS UTILIZED FIVE (5) DAYS PER WEEK AND TWO (2) WEEKENDS PER MONTH, TO SUPPORT WEEKEND AND ANNUAL TRAINING.						
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS						
ARNG	YAKIMA		7 MILES	ARMORY	10,880 SF	1955
	YAKIMA	TRAINING CENTER	0 MILES		28,450 SF	1993
	YAKIMA	TRAINING CENTER	0 MILES	OMS	6,547 SF	1995
USAR/USMCR	YAKIMA	TRAINING CENTER	0 MILES	CONSITE	210,000 SF	1981
	YAKIMA		9 MILES	ARMED FORCES DAY	35,000 SF	1973
USA	YAKIMA	TRAINING CENTER	0 MILES	TRAINING CENTER	365,000 ACRES	
7. PROJECTS REQUESTED IN THIS PROGRAM						
CATEGORY CODE	PROJECT TITLE		SCOPE	COST (\$000)	DESIGN STATUS START      COMPLETE	
218	MANEUVER AREA TRAINING EQUIPMENT SITE (MATES) PHASE I		6,276 SM / 67,555 SF	16,316	9/97	12/98
FACILITIES IDENTIFIED IN ITEM 6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDS UNILATERAL CONSTRUCTION.						
					28 APR 98 (Date)	
9. LAND ACQUISITION REQUIRED NONE						
					0 (Number of acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS						
FY	LOCATION	PROJECT		ESTIMATED PROJECT COST		
01	YTC, YAKIMA	READINESS CENTER		5,625		
03	YTC, YAKIMA	MATES PHASE II		17,673		
05	YTC, YAKIMA	RANGE, PLATOON BATTLE COURSE		9,375		
05	YTC, YAKIMA	RANGE, COMBAT PISTOL		625		
RPM BACKLOG (000): 18,950						
"A SITE SURVEY HAS BEEN CONDUCTED AND THE SITE IS SUITABLE FOR CONSTRUCTING THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."						

1.COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE FEB 99		
3. INSTALLATION AND LOCATION YAKIMA TRAINING CENTER (YTC), YAKIMA, WASHINGTON							
11. PERSONNEL STRENGTH AS OF: 1 DEC 98							
		<u>PERMANENT</u>				<u>GUARD/RESERVE</u>	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	302	24	16	262	4,853	348	4,505
ACTUAL	86	5	5	76	4,336	327	4,009
12. RESERVE UNIT DATA							
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>					
		<u>AUTHORIZED</u>			<u>ACTUAL</u>		
	HEADQUARTERS, HEADQUARTERS COMPANY 81ST INFANTRY BRIGADE (MECHANIZED) UIC: WADAAA TPSN: 0400206	327			242		
	TROOP E 303RD CAVALRY UIC: WQYRAA TPSN: 0400207	152			177		
	181ST SUPPORT BATTALION UIC: WQYTAA TPSN: 0400235	737			699		
	1ST BATTALION, 303RD ARMOR UIC: WPRVAA TPSN: 0400240	578			539		
	1ST BATTALION, 161ST INFANTRY UIC: WPRJAA TPSN: 0400242	844			760		
	3RD BATTALION, 161ST INFANTRY UIC: WQYJAA TPSN: 0400242	844			781		
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<u>TYPE</u>	<u>AUTHORIZED</u>		<u>ASSIGNED</u>			
	WHEELED VEHICLES	357		357			
	TRACKED VEHICLES	537		537			
	TRAILERS	138		138			
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:							
					(\$000)		
	A. AIR POLLUTION				NONE		
	B. WATER POLLUTION				NONE		
	C. OCCUPATIONAL SAFETY AND HEALTH				NONE		

1. COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE FEB 99		
3. INSTALLATION AND LOCATION YAKIMA TRAINING CENTER (YTC), YAKIMA, WASHINGTON							
11. PERSONNEL STRENGTH AS OF: 1 DEC 98/CONTINUATION							
<u>PERMANENT</u>							
<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u> <u>TOTAL</u> <u>GUARD/RESERVE</u> <u>OFFICER</u> <u>ENLISTED</u>							
AUTHORIZED							
ACTUAL							
12. RESERVE UNIT DATA							
<u>STRENGTH</u>							
<u>UNIT DESIGNATION</u> <u>AUTHORIZED</u> <u>ACTUAL</u>							
2ND BATTALION, 146TH FIELD ARTILLERY							
UIC: WPRGAA TPSN: 0400214							
898TH ENGINEER BATTALION							
UIC: WADJAA TPSN: 0400214							
1161ST TRANSPORTATION COMPANY							
UIC: WQJAAA TPSN: 35686							
116TH REAR AREA OPERATION CENTER (CORPS)							
UIC: WTBYAA TPSN: 30038							
TOTAL							
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u> <u>AUTHORIZED</u> <u>ASSIGNED</u>							
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:							
(\$000)							

1. COMPONENT ARNG	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE FEB 99	
3. INSTALLATION AND LOCATION YAKIMA TRAINING CENTER (YTC), YAKIMA, WASHINGTON			4. PROJECT TITLE MATES PHASE I		
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 214	7. PROJECT NUMBER 530017	8. PROJECT COST (\$000) Auth 16,316 Approp 3,464		
9. COST ESTIMATES					
		U/M	QTY	UNIT COST	COST (\$000)
PRIMARY FACILITY					9,054
MATES FACILITY		SM	6,164	1,435.11	(8,846)
		SF	66,349	133.32	
FLAMMABLE MATERIALS BUILDING		SM	61	967.21	(59)
		SF	657	89.80	
CONTROLLED WASTE BUILDING		SM	51	960.78	(49)
		SF	549	89.25	
FORCE PROTECTION		LS	-	-	(100)
SUPPORTING FACILITIES					6,180
SITE PREPARATION		LS	-	-	(1,276)
GRADING, SEEDING AND PLANTING		LS	-	-	(299)
SIDEWALKS		SM	214	84.11	(18)
		SY	256	70.31	
FENCING		LM	1,154	62.39	(72)
		LF	3,786	19.01	
FUEL STORAGE/DISPENSING SYSTEM			-	-	0
FIRE PROTECTION SYSTEM		LS	-	-	(1,428)
UTILITIES:					
WATER, GAS, TELEPHONE, ELECTRICAL AND SEWER		LS	-	-	(996)
SECURITY LIGHTING		LS	-	-	(232)
OIL/WATER SEPARATOR SYSTEMS		LS	-	-	(460)
FLEXIBLE PAVING		SM	6,522	43.85	(286)
		SY	7,800	36.66	
RIGID PAVING		SM	19,858	56.05	(1,113)
		SY	23,750	46.86	
SUBTOTAL					15,234
CONTINGENCY (5%)					762
TOTAL CONTRACT COST					15,996
SUPERVISION, INSP & OVERHEAD (2%)					320
TOTAL REQUEST					16,316
EQUIP FROM OTHER FED APPR (NON ADD)					(119)
10. DESCRIPTION OF PROPOSED CONSTRUCTION					
<p>This project is incrementally funded over two years to construct a new Maneuver Area Training Equipment Site facility. The Army National Guard's plan is to construct both increments as a continuous project using a single construction contract with full authorization for a \$16.316 million project in FY 2000. Furthermore, the Army National Guard is requesting an appropriation of \$3.464 million in FY 2000 and advance appropriation of the remaining amount of \$12.852 million.</p> <p>This phased project is to construct a specifically designed tracked and wheeled vehicle maintenance facility of permanent masonry type construction, slab on grade with concrete block walls and sloped, standing seam metal roofing. This facility will be a one-story structure with mechanical and electrical equipment, outside supporting structures include military vehicle and off-street parking, fuel dispensing station, vehicle painting facility, oil/water separators, track vehicle storage compound, access roads, and sidewalks. Physical security measures will be incorporated into design, including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained.</p> <p>Air conditioning: 96 tons.</p>					
11. REQUIREMENT: 6,276 SM/67,555 SF ADEQUATE: 0 SM SUBSTANDARD: 3,428 SM/36,899 SF					
<p><b>PROJECT:</b> This phased project is to construct a new Maneuver Area Training Equipment Site (MATES) facility, which is required to provide organizational and direct/general support maintenance for the M1 Abrams series tank, the M2 Bradley series vehicles and other large, tracked combat vehicles. The project has been phased to allow for construction to proceed in an orderly and economically sound manner. Phase I, which is the adaptation of an existing design, is to consist of sitework; extension of serving utilities, access road, telecommunication lines; and the construction of the major portion of the function core area, (administration supply, storage, specialty work areas, etc) and twenty-six (26) organizational and specialty workbays.</p>					

1. COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE FEB 99
3. INSTALLATION AND LOCATION YAKIMA TRAINING CENTER (YTC), YAKIMA, WASHINGTON		
4. PROJECT TITLE MATES PHASE I	4. PROJECT NUMBER 530017	
<p>11. REQUIREMENT CONTINUED:  <u>PROJECT(continued):</u>  Phase II is to construct additional core area (administration, supply, specialty work areas, etc.), an additional twenty-eight (28) Organizational and Support Workbays and a 930 square meters storage building. Phase III is to construct the additional authorized thirty (30) Support Workbays, pave the vehicles storage compound, install the storm water retention system, etc. The construction will provide the required maintenance workbay space and other supporting functional spaces to permit personnel to perform the necessary tasks that will insure equipment readiness for training and national emergencies. Each phase provides a complete and useable facility. (Current Mission)</p> <p><u>REQUIREMENT:</u> This new construction is required to provide organizational, direct, and general support maintenance on the tracked and wheeled vehicles assigned to the "Enhanced" 81st Infantry Brigade (Mechanized) of the Washington Army National Guard. A total of 537 tracked vehicles, which include 69 M1IP tanks, 161 M2/3 Bradley's, 24 M109 self-propelled howitzers, 283 other tracked vehicles, and 477 wheeled vehicles are supported from this facility. New construction will provide 18,379 square meters, sixty-two (62) organizational and direct support workbays, (total of 84 workbays) and impervious parking for vehicle storage. This facility will be supported by 302 personnel, of which 185 are mechanics. The construction will include technical support areas, latrines and locker areas, secure storage areas, and administrative space. Sufficient land is available at the Yakima Training Center.</p> <p><u>CURRENT SITUATION:</u> The current Maneuver Area Training Equipment Site (MATES) facility was designed and constructed in 1976 to provide support to the M48/M60 series of tanks. Since 1978 several units have been added to the force structure and the tactical equipment has been modernized and increased in number. The existing 16 workbays are inadequate in number, size, and capacity to support the M1 Abrams series tank, M2/3 Bradley, engineer equipment, and the other authorized tracked vehicles. The current space for technical support, secure storage and administrative spaces fails to support the mission. The new and expanding environmental requirements placed upon the facility, necessitate compliance action.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The undersized workbays, insufficient inside lift capability and inadequate specialty rooms are having an impact on the readiness of the "Enhanced" 81st Brigade. The equipment readiness goals established by Chief, National Guard Bureau, and the Department of the Army for enhanced brigades cannot be achieved in the current undersized facility, which is not maintaining and supporting major equipment items for the Enhanced 81st Brigade units. With only one (1) artillery, three (3) automotive and twelve (12) organizational bays, the amount of backlog will continue to increase. The ultimate result is that the readiness of the Enhanced 81st Brigade will continue to fall and stay below availability rate, increased difficulty in maintaining crew proficiency, lower troop morale, and lower recruiting and retention rates.</p>		

1. COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE FEB 99
3. INSTALLATION AND LOCATION YAKIMA TRAINING CENTER (YTC), YAKIMA, WASHINGTON		
4. PROJECT TITLE MATES PHASE I	5. PROJECT NUMBER 530017	
<p><u>11. REQUIREMENT CONTINUED:</u>  <u>ADDITIONAL:</u> This project has been coordinated with the state physical security officer, and no force protection/combating terrorism measures other than those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 1 June 1997 and Design Guide 415-3 dated 30 March 1996. The most similar DoD standards (Vehicle Maintenance Shop, Wheeled and Vehicle Maintenance Shop, Tracked) do not address all of the current criteria incorporated in the MATES design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and utilized in evaluating this project. However, the primary justification for the project is readiness and quality of life, not economic. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.</p> <p>AT/FP POC: MR. LEHMAN/253-512-8268</p> <p style="text-align: right;">MAJ WALKER/206-512-8486</p> <p style="text-align: center;">-</p>		

1. COMPONENT ARNG	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE FEB 99
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3. INSTALLATION AND LOCATION YAKIMA TRAINING CENTER (YTC) YAKIMA, WASHINGTON
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4. PROJECT TITLE MATES PHASE I	5. PROJECT NUMBER 530017
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12. SUPPLEMENTAL DATA:
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. ESTIMATED DESIGN DATA:

(1) STATUS:

- |   |       |
|---|-------|
| (a) DATE DESIGN STARTED.....                          | 08/97 |
| (b) PERCENT COMPLETE AS OF JANUARY 1999.....          | 100%  |
| (c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....      | 2/98  |
| (d) DATE DESIGN COMPLETE.....                         | 12/98 |
| (e) PARAMETRIC COST ESTIMATING USED TO DEVELOP COST   | NO    |
| (f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS..... |       |
| WILL BE DOCUMENTED DURING FINAL DESIGN                |       |

(2) BASIS:

- (a) STANDARD OR DEFINITIVE DESIGN - YES  NO  X  
 (b) WHERE DESIGN WAS MOST RECENTLY USED N/A

(3) TOTAL COST (c) = (a) + (b) or (d) + (e):

- |   |         |
|---|---------|
|   | (\$000) |
| (a) PRODUCTION OF PLANS AND SPECIFICATIONS..... | 0       |
| (b) ALL OTHER DESIGN COSTS.....                 | 0       |
| (c) TOTAL.....                                  | (1,150) |
| (d) CONTRACT.....                               | (1,150) |
| (e) IN-HOUSE.....                               | 0       |

(4) CONSTRUCTION START..... 03/00  
(MONTH AND YEAR)

(5) CONSTRUCTION COMPLETION DATE..... 10/01  
(MONTH AND YEAR)

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
TELECOMMUNICATIONS	OMARNG	00	35
LOCKERS, TABLES ETC	OMARNG	00	35
JSIIDS	OPA	00	49

1. COMPONENT ARNG	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE FEB 99	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS			4. PROJECT TITLE PLANNING AND DESIGN		
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE N/A	7. PROJECT NUMBER 999901	8. PROJECT COST (\$000) Auth 4,129 Approp 4,129		
9. COST ESTIMATES					
ITEM		U/M	QTY	UNIT COST	COST (\$000)
PLANNING AND DESIGN					4,129
10. DESCRIPTION OF PROPOSED CONSTRUCTION					
Items provide for concept and final design of construction for Army National Guard facilities.					
<p><b>REQUIREMENT:</b> Funds requested are required for completing the outstanding final design of Military Construction Army National Guard projects programmed for execution during FY 2000, continuing FY 2001 designs and for starting the planned designs of the FY 2002 program. Funding request is considered to the absolute minimum to achieve only the mandated design status for projects programmed during the cited fiscal years.</p>					

1. COMPONENT ARNG	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE FEB 99
3. INSTALLATION AND LOCATION APPROPRIATE ARMY NATIONAL GUARD INSTALLATION AS NECESSARY			4. PROJECT TITLE UNSPECIFIED MINOR CONSTRUCTION	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE N/A	7. PROJECT NUMBER 999905	8. PROJECT COST (\$000) Auth 771 Approp 771	
9. COST ESTIMATES				
ITEM	U/M	QTY	UNIT COST	COST (\$000)
PRIMARY FACILITY				771
MINOR CONSTRUCTION FACILITIES				
UNSPECIFIED LOCATIONS				(771)
SUPPORTING FACILITIES				0
SUBTOTAL				771
CONTINGENCY (0%)				0
SUPERVISION, INSPECTION & OVERHEAD (0%)				0
TOTAL REQUEST				771
EQUIP FROM OTHER FED APPR (NON-ADD)				0
10. DESCRIPTION OF PROPOSED CONSTRUCTION Construct unspecified minor construction projects which have a funded cost of \$1,500,000 or less, including construction, alteration, or conversion of permanent or temporary facilities or land acquisition as authorized under Title 10 USC 18233a (a) (1). Air condition - None				
11. REQUIREMENT: <u>PROJECT</u> : Minor Military Construction. <u>REQUIREMENT</u> : To provide funds for the construction of projects not otherwise authorized by law. Such requirements are the result of recognized facility shortfalls, unforeseen conditions resulting from changes in mission and equipment, or are to correct damage caused by severe weather or other acts of nature. The dollar cost for correcting these identified shortfalls are such that they do not require specific authorization in the regular Military Construction Program. <u>CURRENT SITUATION</u> : These urgent unforeseen project address high priorities such as critical mission requirements, environmental protection, health, and safety. These projects can not wait until the next annual budget submission. <u>IMPACT IF NOT PROVIDED</u> : Critically needed projects will not be accomplished, which will jeopardize personnel and/or equipment readiness.				

PREVIOUS EDITIONS MAY BE USED INTERNALLY  
UNTIL EXHAUSTED