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DEPARTMENT OF THE AIR FORCE

AD-A265 521



FY 1994 BUDGET ESTIMATES
SUBMITTED TO CONGRESS APRIL 1993

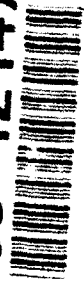
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Operation and Maintenance, Air Force
Volume III

93-12147



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OPERATION AND MAINTENANCE, AIR FORCE FY 1994 JUSTIFICATION BOOK
 VOLUME III - REAL PROPERTY MAINTENANCE AND MINOR CONSTRUCTION

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Real Property Maintenance Activities

DoD Component: Air Force
Appropriation: O&M/Associated Military Personnel

FY 1992

Functional Category at Work Functions	Workload Data	Operations & Maintenance Costs (\$000)			Military Personnel (\$000)	BMAR (\$000)
		Civilian Personnel	Other	Total		
Active Installations						
1. <u>Maintenance and Repair</u>						
a. Utilities		469,522	682,899	1,152,421	584,355	1,599,500
b. Other Real Property		130,667	136,032	266,699	176,242	161,550
(1) Buildings	KSF	338,855	546,867	885,722	408,113	1,437,950
(2) Other Facilities		250,786	346,549	597,335	296,658	757,656
(3) Pavements	KSY	12,504	17,008	29,512	17,875	170,972
(4) Land	AC	44,322	161,435	205,757	50,280	485,883
(5) Railroad Trackage	KLF	28,735	17,172	45,907	41,015	19,844
		2,508	4,703	7,211	2,285	3,595
				136,786		
2. <u>Minor Construction</u>						
3. <u>Operation of Utilities</u>						
a. Electricity-Purchased	MWH	60,371	517,937	578,308	39,448	
b. Electricity-In House	MWH		310,502	310,502		
c. Heat- Purchased Steam/Water	MBTU	7,619	16,885	24,504	3,333	
d. Heat-In House Generated Steam/Water	MBTU	31,393	5,594	177,244	19,317	
e. Water Plants & Systems	KGAL	5,729	145,851	19,662	6,951	
f. Sewage Plants & Systems	KGAL	7,106	12,793	19,899	6,789	
g. Air Conditioning & Refrigeration	TON	4,051	9,375	13,426	1,894	
h. Other		4,473	3,004	7,477	1,164	
		159,309	403,709	563,018	216,121	
4. <u>Other Engineering Support</u>						
a. Services		127,017	362,618	489,635	191,029	
b. Admin & Overhead		32,292	23,269	55,561	25,092	
c. Rentals, Leases & Easements			17,822	17,822		
Grand Total		689,202	1,604,545	2,430,533	839,924	

NOTE: PEs 31176f, 31178f and 31196f are included in above data

Real Property Maintenance Activities

DoD Component: Air Force
Appropriation: O&M/Associated Military Personnel

FY 1993

Functional Category at Work Functions Active Installations	Workload Data	Operations & Maintenance Costs (\$000)			Military Personnel (\$000)	BMAR (\$000)
		Civilian Personnel	Other	Total		
1. <u>Maintenance and Repair</u>						
a. Utilities		340,553	450,632	791,185	493,946	2,033,900
b. Other Real Property		94,775	89,766	184,541	148,973	205,424
(1) Buildings	KSF	245,778	360,866	606,644	344,973	1,828,476
(2) Other Facilities		181,900	228,681	410,581	250,760	963,424
(3) Pavements	KSY	9,069	11,223	20,292	15,110	217,406
(4) Land	AC	32,148	106,528	138,676	42,501	617,842
(5) Railroad Trackage	KLF	20,842	11,331	32,173	34,670	25,233
		1,819	3,103	4,922	1,932	4,571
				16,320		
2. <u>Minor Construction</u>						
3. <u>Operation of Utilities</u>						
a. Electricity-Purchased	MWH	34,843	470,984	505,827	34,691	
b. Electricity-In House	MWH	4,397	282,355	282,355	2,931	
c. Heat- Purchased Steam/Water	MBTU		5,087	5,087		
d. Heat-In House Generated Steam/Water	MBTU	18,118	132,629	150,747	16,989	
e. Water Plants & Systems	KGAL	3,307	12,669	15,976	6,113	
f. Sewage Plants & Systems	KGAL	4,101	11,633	15,734	5,970	
g. Air Conditioning & Refrigeration	TON	2,338	8,525	10,863	1,665	
h. Other		2,582	2,732	5,314	1,023	
4. <u>Other Engineering Support</u>						
a. Services		140,074	239,929	380,003	193,347	
b. Admin & Overhead		111,681	210,797	322,478	170,899	
c. Rentals, Leases & Easements		28,393	13,527	41,920	22,448	
Grand Total		515,470	1,161,545	1,693,335	721,984	

NOTE: Figures 31176f, 31178f and 31196f are included in above data

Real Property Maintenance Activities

DoD Component: Air Force
 Appropriation: O&M/Associated Military Personnel

FY 1994

Functional Category at Work Functions	Operations & Maintenance Costs (\$000)				Military Personnel (\$000)	BMAR (\$000)
	Workload Data	Civilian Personnel	Other	Total		
Active Installations						
1. <u>Maintenance and Repair</u>						
a. Utilities		330,381	869,649	1,200,030	370,660	2,338,900
b. Other Real Property		91,947	173,234	265,181	111,791	236,228
(1) Buildings	KSF	433,000	696,415	934,849	258,869	2,102,672
(2) Other Facilities		8,798	441,318	617,784	188,172	1,107,897
(3) Pavements	KSY	315,000	21,659	30,457	11,338	250,008
(4) Land	AC	8,670,000	205,582	236,769	31,893	710,493
(5) Railroad Trackage	KLP	2,700	21,867	42,086	26,016	29,017
			5,989	7,753	1,450	5,257
				96,151		
2. <u>Minor Construction</u>						
3. <u>Operation of Utilities</u>						
a. Electricity-Purchased	MWH	5,920,000	461,513	501,805	28,417	
b. Electricity-In House	MWH	445,000	276,678	276,678		
c. Heat- Purchased Steam/Water	MBTU	1,370,000	15,045	20,130	2,401	
d. Heat-In House Generated Steam/Water	MBTU	33,000,000	4,984	4,984		
e. Water Plants & Systems	KGAL	46,100,000	129,962	150,913	13,916	
f. Sewage Plants & Systems	KGAL	29,600,000	12,415	16,239	5,007	
g. Air Conditioning & Refrigeration	TON	976,000	11,399	16,141	4,891	
h. Other			8,353	11,057	1,364	
			2,677	5,663	838	
			134,284	502,014	155,583	
			107,065	430,005	137,520	
			27,219	47,942	18,063	
			504,957	1,698,892	554,660	
				2,300,000		
4. <u>Other Engineering Support</u>						
a. Services						
b. Admin & Overhead						
c. Rentals, Leases & Easements						
Grand Total						

NOTE: PEs 31176f, 31178f and 31196f are included in above data

Backlog of Maintenance and Repair (BMAR) of Real Property
(\$ in Thousands)

DoD Component: Air Force	FY 92	FY 93	FY 94
Appropriation: Operation & Maintenance (3400)			
A. Backlog - Beginning of Year			
(Backlog Carried Forward from Prior Years)	\$1,219,900	\$1,599,500	\$2,033,900
(Minus Backlog For Base Closures/Realignments)	\$56,500	\$97,900	\$100,200
(Minus Backlog More Than Four Years Old)	\$104,700	\$135,100	\$174,000
(Adjusted Backlog Carried Forward)	\$1,058,700	\$1,366,500	\$1,759,700
(Inflation Adjustment)	\$28,400	\$33,800	\$41,700
(Foreign Currency Revaluation)	\$0	\$200	\$0
B. Requirements:			
(Recurring Maintenance & Repair)	\$1,071,100	\$1,029,600	\$1,001,400
(Major Repair Projects)	\$686,900	\$681,000	\$687,900
(Backlog Deterioration)	\$31,800	\$41,000	\$52,800
C. Total Requirements (A + B)	\$2,876,900	\$3,152,100	\$3,543,500
D. Program Adjustments:			
(Direct Program Funding)	\$850,400	\$823,400	\$1,204,600
(Funds Migrated From Others Areas)	\$302,100	\$0	\$0
(Net Other Adjustments - RPM, Defense Acct)	\$124,900	\$294,800	\$0
E. Backlog at End of Year (C-D)	\$1,599,500	\$2,033,900	\$2,338,900
F. Percent BMAR Change (E / A)	37.5%	35.4%	21.0%

NOTE: 31178f is included in above data.

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 President's Budget
OPERATION & MAINTENANCE COSTS
Real Property Maintenance and Minor Construction Projects
(HISTORIC BUILDINGS COSTS)

HISTORIC FACILITIES (Excluding Family Housing)	FY 1992	(\$000) FY 1993	FY 1994
A. No. Of Facilities	164	164	164
B. Minor Construction *	206	589	141
C. Major Repair * (projects costing over \$25,000.00)	1,328	1,435	750
D. Recurring Maintenance (projects costing \$25,000.00 or under)	91	709	730
Grand Total:	1,625	2,733	1,621

NOTE: * In FY93, Minor Construction over \$15K and under \$300K, and Major Repair over \$15K is funded in RPM, Defense Account.

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 PRESIDENT'S BUDGET
Major Repair/Major Repair With Concurrent Minor Construction Projects
 (Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000) Cost</u>
AL	MAXWELL AIR FORCE BASE	REPAIR ROAD	500
		Project will repair deteriorated pavement and failing base and subbase material. The pavement is old, cracked and beyond economical repair. Failure to complete this project will further degrade this surface, creating hazardous driving conditions unnecessarily.	
AL	MAXWELL AIR FORCE BASE	REPAIR BASE OPERATIONS BLDG	750
		Project will repair walls, restrooms, electrical and structural systems, floor and ceiling finishes, and replace ventilation system, windows, doors and lighting fixtures. The existing facility is more than 60 years old and has deteriorated due to normal wear and tear. Failure to complete this project will force personnel to work in sub-standard conditions and unnecessarily waste utility dollars through inefficient mechanical systems.	
AK	EIELSON AIR FORCE BASE	REPAIR RUNWAY	1,250
		Project will replace various sections of the runway. These sections are breaking up and have high foreign object damage hazard potential. This project is necessary to ensure safe flying conditions and to keep the runway operational.	
AK	EIELSON AIR FORCE BASE	MAINTAIN BOILER, POWER PLANT	2,000
		Project will maintain boiler #3 of the power generating plant. The existing boiler has deteriorated due to normal wear and tear and no longer operates efficiently. Failure to complete this project will allow the boiler to continue to deteriorate and eventually require replacement.	

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 PRESIDENT'S BUDGET
Major Repair/Major Repair With Concurrent Minor Construction Projects
(Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>Cost</u> (\$000)
AK	CLEAR AIR FORCE STATION	REPAIR PASSAGEWAY	660
	This project replaces the elevated corridor that connects two dormitories. The structural components have deteriorated due to normal wear and tear, rendering the passageway unsafe. Failure to complete this work will accelerate deterioration, making the corridor unuseable.		
AZ	DAVIS-MONTHAN AIR FORCE BASE	REPAIR AIRCRAFT PARKING APRON	660
	The hangar apron has deteriorated, creating a risk of foreign object damage to tires and landing gear on aircraft being moved in and out of hangars as well as a safety hazard to assigned personnel. Failure to complete this project will result in the increased potential for aircraft damage due to faulty pavement.		
AZ	LUKE AIR FORCE BASE	REPAIR ELECTRICAL DISTRIBUTION	500
	Project repairs portions of the overhead electrical distribution system. These overhead lines are 50 years old and require frequent maintenance and minor repairs, and have deteriorated due to normal wear and tear. Failure to complete this work will further decrease system reliability and lead to more frequent power outages.		
AZ	LUKE AIR FORCE BASE	REPAIR STORM SEWERS	500
	Project repairs storm sewers along "G" street. The existing system has deteriorated and will not carry present run-off flow. After each rainstorm, water ponds several inches deep in this area, flowing over curbs and damaging pavements, facilities, and landscaping. The ponding also restricts traffic flow through the base. Without this project, flooding will continue and maintenance dollars will be unnecessarily spent.		

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 PRESIDENT'S BUDGET
 Major Repair/Major Repair With Concurrent Minor Construction Projects
 (Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000) Cost</u>
CA	VANDENBERG AIR FORCE BASE	REPLACE WATER LINES	750
	This project replaces 30 years old water lines and fire hydrants. The pipes are severely corroded making repairs nearly impossible and raising maintenance costs to an unacceptable level. Corrosion of the system is so extensive that a total breakdown is likely with severe consequences for many launch systems.		
CA	TRAVIS AIR FORCE BASE	REPAIR TAXIWAY "N"	815
	Project will replace existing slabs which have failed and resurface asphalt areas. The current taxiway does not support the base mission aircraft and has a high potential for foreign object damage to jet engines. Failure to complete this project will result in more costly, future repairs.		
CO	USAF ACADEMY	REPAIR HQ FACILITY	1,500
	Project will repair interior finishes, mechanical, electrical and lighting systems. The existing facility is antiquated, replacement parts are difficult to obtain and this facility is highly inefficient. Failure to complete this project will allow the facility to continue to deteriorate and require more extensive repairs in the future.		
CO	USAF ACADEMY	REPLACE ELECTRICAL DIST	1,100
	Project replaces 30 year old electrical cable and associated high voltage switches in the underground high voltage system. Some of the switches are PCB contaminated and cannot be switched while energized. Failure to complete this work will allow the system to deteriorate more and cause more frequent power outages.		

**REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 PRESIDENT'S BUDGET**

Major Repair/Major Repair With Concurrent Minor Construction Projects
(Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000) Cost</u>
DE	DOVER AIR FORCE BASE	REPLACE WATER LINES	500
	Project will replace existing buried high temperature hot water lines (HTHW) which feed fleet services and the air freight terminal. All underground HTHW lines were installed in the early 50's and have not been replaced. Pipe insulation has deteriorated to the point of being ineffective which causes severe loss of energy. If not replaced, energy will continue to be wasted and possible loss of hot water to these facilities may occur.		
FL	MACDILL AIR FORCE BASE	REPAIR BASE ROAD	500
	Project repairs the north boundary road. The existing pavement is cracked, has shattered slabs, missing joint sealant and faulty drainage. Failure to complete this project will lead to costly replacement of the pavement, subbase and drainage system.		
FL	MACDILL AIR FORCE BASE	REPAIR ROOFS	810
	This project repairs the deteriorated roofing systems on several base buildings. The existing roof is failing and leaks on building occupants and equipment. Failure to complete this project will cause damage to structural system and more expensive future repairs.		
FL	CAPE CANAVERAL AIR FORCE STATION	MAINTAIN ROADS & PARKING LOTS	500
	Project will overlay existing, 15 year old pavement on various base roads and parking lots. Deterioration due to water and continuous traffic have produced pot holes, sunken areas, and excessive cracking. If maintenance is not accomplished, damage will migrate through the entire depth of the surface, and more costly repairs will become necessary.		

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 PRESIDENT'S BUDGET
Major Repair/Major Repair With Concurrent Minor Construction Projects
(Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
FL	CAPE CANAVERAL AIR FORCE STATION	REPAIR ROOFS	500
	Project replaces various 20-30 year old roofs basewide. The existing built-up roofs are cracked and bubbling, resulting in unsafe occupancy, and unnecessary water damage to the structure and interior finishes. If the project is not accomplished, the state of deterioration will continue and cause more extensive future repairs.		
FL	CAPE CANAVERAL AIR FORCE STATION	PROTECTIVE COATING MAINTENANCE	500
	This project provides for the interior painting of various facilities throughout the base. This is a must pay item due to the contracting out of the civil engineering paint shop function several years ago.		
FL	PATRICK AIR FORCE BASE	REPLACE DOORS & WINDOWS	1,250
	This project replaces all exterior doors and windows of the wing headquarters building. The existing doors and windows are cracked, warped and do not properly close. Failure to complete this work will accelerate facility deterioration and force more expensive repairs in the future.		
FL	PATRICK AIR FORCE BASE	PROTECTIVE COATING MAINTENANCE	910
	Project is an annual contract that provides for the maintenance for the exterior of various facilities throughout the base. This is a must pay item because of contracting out of the civil engineering paint shop function several years ago.		
GA	MOODY AIR FORCE BASE	REPAIR APPROACH LIGHTS	855
	This project repairs the approach light system by replacing wooden support structures with frangible aluminum structures, and replaces light fixtures and wiring as required. The wood pole structures are badly weathered and cracking and the fixtures are badly corroded. Failure to complete this project may lead to the failure of the approach light system, thereby unnecessarily impacting flying operations.		

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 PRESIDENT'S BUDGET
Major Repair/Major Repair With Concurrent Minor Construction Projects
(Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
GA	MOODY AIR FORCE BASE	REPAIR ROADS	600
	Project repairs road surfaces throughout the base which are showing extensive cracking of the asphalt pavement. In many places, water is pumping up from the subbase/base course as well as infiltrating from the surface due to rainfall. Failure to repave the roads will result in pavement failure, thus increasing risk of hazard to vehicles.		
GU	ANDERSEN AIR FORCE BASE	REPAIR AIR CONDITIONING SYSTEM	550
	This project replaces the air conditioning systems that support three chapel facilities. The systems are more than 25 years old and are beyond economical repair as replacement parts are difficult to obtain. Failure to complete this project will allow an uneconomical system to continue to operate and waste energy dollars unnecessarily.		
GU	ANDERSEN AIR FORCE BASE	REPAIR ELECTRICAL SYSTEM	640
	Project replaces the hydrant fuel system electrical wiring and components. The existing electrical system was installed in 1960 and is subject to frequent failures. Replacement parts are difficult to obtain and thereby require frequent maintenance. Failure to complete this project will continue to allow unsafe working conditions to continue, jeopardizing personnel and mission accomplishment.		
GU	ANDERSEN AIR FORCE BASE	REPAIR TAXIWAY	630
	Project will replace failed concrete slabs, reseal joints, and repair drainage system. The pavement is cracking, spalling and has created potential foreign object damage to aircraft engines.		

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1994 PRESIDENT'S BUDGET
 Major Repair/Major Repair With Concurrent Minor Construction Projects
 (Costing more than \$500,000.00)

State	Location/Installation	Project Title	(\$000) Cost
GU	ANDERSEN AIR FORCE BASE	REPAIR RUNWAY ELECTRICAL SYS	950
	Project will replace the electrical system on the south runway. The existing system is old, worn-out and subject to frequent failures. Constant maintenance is required to keep the system working. Failure to complete this work will lead to total system failure, thereby adversely impacting mission operations.		
HI	HICKAM AIR FORCE BASE	REPLACE CHILLERS	575
	Project will replace the air conditioning chillers feeding one dormitory. The existing system is of old technology and inefficient, creating significant energy losses. Failure to complete this project could result in more expensive future repairs.		
ID	MOUNTAIN HOME AIR FORCE BASE	REPAIR AIRCRAFT PARKING APRON	1,950
	Project will repair the existing pavement at the Transient Alert parking apron. Existing pavement was constructed in 1956 and has deteriorated to the extent that foreign object damage to aircraft engines and personnel is a risk. Without this project, deterioration will accelerate, causing more expensive repairs in the future.		
IL	SCOTT AIR FORCE BASE	REPAIR HQ FACILITY	1,400
	Project will replace the antiquated and inefficient mechanical system and exterior brick finish. The mechanical system was installed in the 1940s and replacement parts can no longer be obtained. Failure to complete this work will allow energy dollars to be needlessly wasted.		
LA	BARKSDALE AIR FORCE BASE	REPAIR BASE ROADS	750
	The project repairs various roads through the main traffic routes of the base. The 50 year old streets have experienced a substantial increase in heavy traffic. The pavement is badly cracked and continuing to deteriorate rapidly, causing potential damage to the sub-base material.		

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 PRESIDENT'S BUDGET
Major Repair/Major Repair With Concurrent Minor Construction Projects
(Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000) Cost</u>
LA	BARKSDALE AIR FORCE BASE	REPAIR ELECTRICAL DISTRIBUTION Project repairs failing major components of the base electrical distribution system. Existing system fails to meet modern standards for safety and experiences frequent outages. Without this project, electrical distribution reliability will be severely degraded.	590
MA	HANSCOM AIR FORCE BASE	MAINTAIN WATER TREATMENT PLANT This project maintains the filtration areas and replacement of deteriorated aerators. If not accomplished, the plant could fail, thereby introducing unwanted contaminants to the main base water system, causing adverse effects on the environment.	1,000
MA	HANSCOM AIR FORCE BASE	REPAIR SEWER LINES Project replaces sewer line pipe and associated valves and controls as required. The existing sewer lines are over 30 years old and require constant repair. Frequent backups are caused by sagged lines and dropped joints. If this project is not accomplished, the possibility of failing is increased, thereby causing sewage to leak and contaminate surrounding areas.	500
MD	ANDREWS AIR FORCE BASE	REPAIR HANGAR ROOF Project will repair the existing hangar roof that has many stress or failure cracks and holes created by the pulling of fasteners through the roof. This project provides for replacement of the complete roof system, snow deflector shields and gutter system. Failure to complete this work could result in the loss of valuable aircraft components.	900

**REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1994 PRESIDENT'S BUDGET
 Major Repair/Major Repair With Concurrent Minor Construction Projects
 (Costing more than \$500,000.00)**

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>Cost</u> (\$000)
MD	ANDREWS AIR FORCE BASE	REPAIR STEAM LINES	600
	Project will repair steel manhole walls and covers, and flush steam and condensate lines. Failure to repair leaking manholes will accelerated deterioration of the manhole walls, ultimately resulting in a requirement to entirely replace the manhole. Additionally, as long as the manholes continue to leak, the base will be faced with unsafe working conditions as well as gross energy loss from the leaks. Failure to complete this work will result in more expensive future repairs.		
MO	WHITEMAN AIR FORCE BASE	REPAIR SEWER SYSTEM	500
	Project repairs portions of the base sanitary sewer system. The system is old, deteriorating and experiencing excessive ground water infiltration. Project is required to provide an adequate sewer system to prevent possible environmental hazards from a catastrophic system failure.		
MO	WHITEMAN AIR FORCE BASE	REPAIR AIRCRAFT APRONS	600
	Project will replace joint seals on the parking apron and repair slabs as necessary. Joint seals have deteriorated from age and weather. Periodic replacement is required to prevent water penetration and further deterioration through freeze/thaw cycles. This parking apron will not be usable if this work is not accomplished.		
MT	MALMSTROM AIR FORCE BASE	REPAIR ELECTRICAL DISTRIBUTION	580
	Project will replace the primary power distribution lines. The work includes removing the overhead lines and installing new lines and associated transformers. The existing system has deteriorated due to age and normal wear. Failure to complete this work will further decrease system reliability and lead to more frequent power outages.		

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 PRESIDENT'S BUDGET
 Major Repair/Major Repair With Concurrent Minor Construction Projects
 (Costing more than \$500,000.00)

State	Location/Installation	Project Title	(\$000) Cost
NC	POPE AIR FORCE BASE	REPAIR RUNWAY	540
<p>Project will overlay existing asphalt assault strip. The existing pavement is deteriorated, cracked and in need of repair. Failure to complete this project will cause the assault strip to be closed due to inferior pavement and the high potential for foreign object damage to aircraft engines.</p>			
NC	SEYMOUR JOHNSON AIR FORCE BASE	REPAIR ELECTRICAL DISTRIBUTION	600
<p>Project replaces primary overhead electrical lines, poles, and associated equipment. The system was installed over 35 years ago and has received no major upgrades. The system is unreliable and outages are becoming more frequent. Project is required to ensure adequate electrical distribution is available for the base.</p>			
NC	SEYMOUR JOHNSON AIR FORCE BASE	REPAIR TAXIWAY LIGHTING	800
<p>Project replaces antiquated taxiway light fixtures and associated underground cable. Fixtures used for taxiway lighting are well over 25 years old and in extremely poor condition. New fixtures and cable are required to provide a reliable lighting system for aircraft operations.</p>			
ND	GRAND FORKS AIR FORCE BASE	REPAIR BASE SEWER SYSTEM	1,025
<p>Project replaces failed sewage lines. The existing lines were installed in 1957, have broken, settled, and are plugged with roots and sediment. If project is not accomplished, the possibility of failure is increased, causing sewage to leak and contaminate buildings and surrounding areas unnecessarily.</p>			

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1994 PRESIDENT'S BUDGET
 Major Repair/Major Repair With Concurrent Minor Construction Projects
 (Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>Cost</u> ((\$000))
ND	GRAND FORKS AIR FORCE BASE	REPAIR TAXIWAY	750
	Project repairs failing and deteriorated taxiway pavement. Continued neglect has caused the deterioration to accelerate to an unsafe condition. The cracked pavement presents a safety hazard and increased potential for foreign object damage to aircraft engines and personnel. If this project is not accomplished, deterioration will continue, causing more expensive repairs in the future.		
ND	MINOT AIR FORCE BASE	REPAIR AIRFIELD PAVEMENTS	2,700
	Project will repair the existing pavement, seal cracks, and replace slabs for the taxiway that parallels the parking apron. Existing pavement is cracked and failure is imminent. Work is needed to maintain the pavement in a usable condition. The cracked pavement presents a safety hazard as it increases the potential for foreign object damage to aircraft engines and personnel. If this project is not accomplished, deterioration will continue, causing more expensive repairs in the future.		
ND	MINOT AIR FORCE BASE	REPAIR BOILERS	1,720
	Project replaces two boilers and associated equipment which are over 35 years old, unreliable and have inoperative controls. The units must be run at reduced capacity to minimize tube leaks and reduce the likelihood of failure. Project must be accomplished to insure the reliability of base heating systems.		
NJ	MCGUIRE AIR FORCE BASE	REPAIR HOT WATER LINES	1,800
	Project will replace portions of the underground high temperature hot water (HTHW) system which provides heat and energy for domestic hot water to numerous base facilities. The HTHW lines are in an extremely bad condition. There are frequent leaks, over 30% of the system valves are not operable causing minor repairs to be dangerous. Loss of heat and hot water will continue as well as increased maintenance cost if this project is not completed.		

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1994 PRESIDENT'S BUDGET
 Major Repair/Major Repair With Concurrent Minor Construction Projects
 (Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	(\$000) <u>Cost</u>
NJ	MCGUIRE AIR FORCE BASE	REPLACE TAXIWAY LIGHTING Project will replace existing taxiway lighting, buried cables, and incandescent lamps. The taxiway lighting system is deteriorated. The cable has deteriorated to the point that frequent failures are happening. These repairs, which are time and labor intensive, adversely impact mission operations. Failure to do the project will result in excessive, lengthy and expensive maintenance on the taxiway.	500
NM	CANNON AIR FORCE BASE	REPAIR ROOFS Project replaces deteriorated roofs on several facilities throughout the base. Chronic leaks are prevalent, causing water damage to the structure, interior finishes and facility equipment. If the project is not accomplished, deterioration will continue and require more extensive future repairs.	600
NM	CANNON AIR FORCE BASE	REPAIR AIRFIELD PAVEMENT Project replaces failing asphalt pavement with concrete pavement. No major repair work has been accomplished in this area and it is becoming a significant foreign object damage problem for aircraft engines. Failure to complete this project will allow the deterioration to continue, causing more expensive repairs in the future.	1,125
NM	KIRTLAND AIR FORCE BASE	REPAIR BASE THEATER Project will repair the roof, heating and electrical systems and interior finishes. The existing roof leaks, the heating consistently fails and the floors, walls, and ceilings have worn due to normal wear and tear. Failure to complete this project will increase the rate of deterioration and require more expensive repairs in the future.	700

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 PRESIDENT'S BUDGET
 Major Repair/Major Repair With Concurrent Minor Construction Projects
 (Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>Cost</u> (\$000)
NM	KIRTLAND AIR FORCE BASE	MAINTAIN TAXIWAY "2"	500
	Project will seal joints and cracks. The existing pavement is cracked and allows water seepage, causing more extensive damage to subbase material. Failure to complete this work will lead to more expensive future repairs and an increased potential for foreign object damage to aircraft engines.		
NM	KIRTLAND AIR FORCE BASE	REPAIR APRONS	1,000
	Project will repair failed concrete apron slabs and intermediate joints. This is necessary to maintain operational effectiveness and safely support the flying mission by reducing the probability of foreign object damage to aircraft engines.		
NM	KIRTLAND AIR FORCE BASE	REPLACE ELECTRICAL SYSTEM	700
	Project will replace existing overhead electric lines. The current lines do not meet codes, the poles, crossarms and insulators are deteriorated and need to be replaced. Failure to replace this system creates a continuous potential for power outages throughout the base and permits a serious safety hazard unnecessarily.		
NM	KIRTLAND AIR FORCE BASE	REPAIR APRON "E"	500
	This project replaces failed and/or cracked aircraft parking apron slabs and associated joint sealant. Failure to do this project will result in potential for foreign object damage hazard to aircraft engines.		

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 PRESIDENT'S BUDGET
 Major Repair/Major Repair With Concurrent Minor Construction Projects
 (Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>Cost</u> (\$000)
NY	GRIFFISS AIR FORCE BASE	REPAIR HANGARS	840
	Project replaces pavement and the heat trench at the entrances of the hangars which have deteriorated from repeated traffic of B-52 and KC-135 aircraft. The heat trench is in extreme disrepair and pavements are becoming a foreign object damage hazard. If the concrete floor and heat trench are not repaired, the operational capability of these nose dock will be jeopardized. Continued deterioration will lead to a more costly total replacement of the hangar floors.		
NY	GRIFFISS AIR FORCE BASE	REPAIR STEAM DISTRIBUTION SYS	1,300
	Project replaces failing steam lines in several areas of the base. If the project is not completed soon, these distribution lines that feed aircraft maintenance hangars and other mission facilities, could fail, causing increased costs for future, more expensive repairs and adverse mission impacts.		
NY	PLATTSBURGH AIR FORCE BASE	REPAIR FIRE PROTECTION SYSTEM	550
	Project will repair the fire protection system in an aircraft maintenance hangar. The current system is 30 years old, replacement parts are not obtainable, some hangar areas are not adequately protected and the remaining system is operating at less than full capacity. Fire suppression capability will be non-existent if this project is not completed which could result in potential loss of equipment or lives should a fire occur.		
NY	PLATTSBURGH AIR FORCE BASE	REPAIR ROAD DRAINAGE	1,220
	Project will repair storm drain lines along Idaho Avenue. The existing lines are leaking in many places and surrounding soils are eroding due to the system. Failure to complete this work will deteriorate the adjacent road, curbs, sidewalks and power poles and could lead to more costly and extensive future repairs.		

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1994 PRESIDENT'S BUDGET
 Major Repair/Major Repair With Concurrent Minor Construction Projects
 (Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
NY	PLATTSBURGH AIR FORCE BASE	REPLACE WATER LINES Project will replace deteriorated water distribution lines and associated valves. The existing lines have numerous cracks and leaks which are becoming labor intensive to maintain. These lines are connected to dormitories and several maintenance and administrative facilities. Water for daily consumption and fire suppression will continue to be unreliable if this project is not accomplished.	520
NY	PLATTSBURGH AIR FORCE BASE	REPLACE SEWER LINES Project will repair deteriorated sewer line and manholes. Existing lines are beyond their life expectancy and need replacing. The existing lines are cracked, joints are leaking or clogged, and the manholes are cracked or broken. Failure to complete this work will continue the line deterioration causing more extensive repairs in the future.	760
NE	OFFUTT AIR FORCE BASE	REPAIR DETENTION FACILITY Project repairs the interior floor, wall and ceiling finishes, the electrical and mechanical systems and minor repairs to the exterior surfaces. The existing plumbing, electrical, interior finishes, and exterior brick have deteriorated such that normal maintenance is no longer viable. Failure to complete this work will allow the deterioration to continue and cause more expensive future repairs.	535
NV	NELLIS AIR FORCE BASE	REPAIR HVAC Project replaces deteriorated HVAC system in Data Processing facility. The system is over 35 years old, requires frequent maintenance, and can no longer meet peak load demands. Failure of any of these units would create serious problems for assigned personnel and adversely impact the functions involved.	925

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 PRESIDENT'S BUDGET
 Major Repair/Major Repair With Concurrent Minor Construction Projects
 (Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>Cost</u> (\$000)
NV	NELLIS AIR FORCE BASE	REPAIR AIRFIELD PAVEMENTS	1,200
	Project replaces old, deteriorated asphalt taxiway surface and performs joint sealing and spall repair on the "Hot Cargo" pad. Asphalt and concrete pavement condition is very poor and is severely weathered, ravelled and cracked. This pad serves as the main delivery point for transport planes delivering munitions. Failure to complete this project will increase the potential for foreign object damage to aircraft engines.		
OH	WRIGHT-PATTERSON AIR FORCE BASE	REPLACE HVAC CONTROLS	630
	Project replaces the HVAC controls and air dampers. The existing components are more than 25 years old and replacement parts cannot be obtained. The system is antiquated and inefficient. Failure to complete this project will continue to unnecessarily waste energy dollars.		
OH	WRIGHT-PATTERSON AIR FORCE BASE	REPLACE STEAM LINES	650
	This project will replace steam distribution pipe and manholes serving various facilities basewide. The existing distribution system is rapidly deteriorating and has numerous leaks involving frequent and costly in-house maintenance. Failures have occurred and services have been interrupted due to frequently required maintenance.		
OH	WRIGHT-PATTERSON AIR FORCE BASE	REPAIR HVAC	1,500

This project will repair the heating, ventilation and air conditioning system. The present system is antiquated, with no effective thermostatic controls. The new system will more efficiently and effectively provide the proper environmental conditions needed.

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1994 PRESIDENT'S BUDGET

Major Repair/Major Repair With Concurrent Minor Construction Projects
 (Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>Cost</u> ((\$000)
OH	WRIGHT-PATTERSON AIR FORCE BASE	REPAIR RUNWAY	945
	Project will repair and overlay the runway. The existing pavement is cracked and creating the potential for foreign object damage. Failure to complete this work will increase the potential for foreign object damage to aircraft engines and adversely impact mission effectiveness.		
OH	WRIGHT-PATTERSON AIR FORCE BASE	REPLACE ROOF	800
	Project will replace the roof of this storage facility. The existing roof is deteriorated and leaking, causing damage to the structural members. Failure to complete this project will cause the accelerated deterioration of the roof membrane and structural members and require more expensive repairs in the future.		
OH	WRIGHT-PATTERSON AIR FORCE BASE	REPAIR ROOF	950
	Project will replace the roof of the base communications facility. The existing roof is leaking and damaging the interior structural members. Failure to complete this work will increase deterioration of the facility and cause more expensive repairs in the future.		
OK	ALTUS AIR FORCE BASE	REPLACE WATER LINES	552
	Project will replace cast iron water mains. The existing water mains have exceeded its life expectancy and are now over 35 years old. If this project is not accomplished, the base will continue to be vulnerable to constant water main breaks which disrupts water service and fire protection capabilities.		
OK	ALTUS AIR FORCE BASE	REPLACE R/W THRESHOLD LIGHTING	670
	Project replaces threshold lighting. Existing lights have become unreliable and do not meet current navigational standards. Failure to accomplish this project could result in closure of the runways or possible loss of life due to poor airfield lighting.		

REAL PROPERTY MAINTENANCE ACTIVITIES

FY 1994 PRESIDENT'S BUDGET

Major Repair/Major Repair With Concurrent Minor Construction Projects
(Costing more than \$500,000.00)

State	Location/Installation	Project Title	(\$000) Cost
OK	TINKER AIR FORCE BASE	REPAIR BASE ROADS	1,000
		Project will repair various sections of roads throughout the base. The repairs will consist of an asphalt overlay to restore pavement to serviceable standards. The existing roads are showing extensive cracking. Failure to repave the roads will result in pavement failure, increasing risk of hazard to vehicles.	
OK	TINKER AIR FORCE BASE	REPAIR RUNWAY	1,800
		Project will repair the north end of Runway 17/35. The existing pavement is more than 30 years old, cracked and failure is imminent. This work is needed to maintain pavement in a usable condition. The cracked pavement presents a safety hazard as it increases the potential for foreign object damage to aircraft engines. If this project is not accomplished, deterioration will continue, causing more expensive repairs in the future.	
OK	TINKER AIR FORCE BASE	REPAIR HVAC	750
		Project replaces the HVAC ductwork and controls in the base administrative building. The present HVAC ductwork is ineffective and obsolete. In many areas the ductwork has separated, causing huge losses of conditioned air. The existing controls are no longer zoned correctly and do not provide proper air distribution. If not accomplished, this facility will continue to require excessive maintenance and provide an inadequate environment for personnel.	
OK	TINKER AIR FORCE BASE	REPAIR ROOF	750
		Project replaces the existing roofing system for the base supply warehouse. The existing roofing system is about 25 years old, cracked and leaking, resulting in unsafe occupancy and water damage to the structure and interior. If the project is not accomplished, the state of deterioration will continue and cause more extensive repairs in the future.	

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 PRESIDENT'S BUDGET
Major Repair/Major Repair With Concurrent Minor Construction Projects
(Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>Cost</u> (\$000)
OK	VANCE AIR FORCE BASE	REPAIR RUNWAY	1,390
	Project will repair the existing pavement, seal cracks and replace slabs. The existing pavement is more than 30 years old, cracked and failure is imminent. Work is needed to maintain pavement in a usable condition. The cracked pavement presents a safety hazard as it increases the potential for foreign object damage to aircraft engines. If this project is not accomplished, deterioration will continue, causing more expensive repairs in the future.		
SC	CHARLESTON AIR FORCE BASE	REPLACE FIRE SUPPRESSION SYS	1,800
	Project replaces existing fire suppression system. The existing antiquated system serves the fighter interceptor group and requires continuous maintenance to keep it functional. Because of the age and continual maintenance problems, protection of the fighter aircraft is only minimal. Failure to accomplish this project could result in loss of aircraft and lives if a fire should occur.		
SC	CHARLESTON AIR FORCE BASE	REPAIR RUNWAY	1,900
	Project will provide replacement of pavements at the north end of the runway. The pavement has deteriorated to the extent that maintenance and minor repairs are inadequate to maintain the required conditions and prevent foreign object damage due to pavement breakup. Failure to perform this work will result in higher maintenance costs, frequent closure of runway for repairs, and potential hazards to aircraft.		
SD	ELLSWORTH AIR FORCE BASE	REPAIR WATER LINES	925
	Project repairs failing, deteriorated water distribution lines throughout the base. The system is over 40 years old and repairs are required to provide a reliable potable water system and fire fighting water supply. Many existing lines are corroded, leaking, or partially filled with sediment deposits. Continued deterioration will cause more frequent and extensive repairs and further reduce fire protection capabilities.		

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 PRESIDENT'S BUDGET
 Major Repair/Major Repair With Concurrent Minor Construction Projects
 (Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000) Cost</u>
TN	ARNOLD AIR FORCE BASE	MAINTAIN ROAD	970
	This project will overlay existing 15 year old Wattendor Highway. Deterioration due to water and continuous traffic have produced pot holes, sunken areas, and excessive cracking. If maintenance is not accomplished, damage will migrate through the entire depth of the surface, and more costly repairs will become necessary.		
TX	DYESS AIR FORCE BASE	REPAIR CHILD CARE FACILITY	650
	Project replaces old, deteriorated interior finishes; HVAC, lighting, electrical, and plumbing systems. This facility is antiquated and in urgent need of repairs. Failure to complete this work will continue to operate inefficient energy systems needlessly and subject dependents to a substandard facility.		
TX	DYESS AIR FORCE BASE	REPAIR DORMITORY	650
	Project repairs and replaces old, deteriorated interior finishes, HVAC, electrical and lighting, and fire detection. The facility is over 35 years old and has had no major upgrades during that time. Project is required to provide adequate living conditions for assigned personnel. Failure to complete this project will unnecessarily force personnel to live in substandard, energy inefficient conditions.		
TX	LAUGHLIN AIR FORCE BASE	REPAIR ELECTRICAL SYSTEM	1,510
	Project replaces the 25 year old primary electrical feeders and will provide new feeders from the base boundary to the switching station. Failure to provide new feeders will result in continued high maintenance costs and frequent system interruptions. The existing system has outlived its useful life and replacement parts are difficult and excessively expensive to procure.		

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 PRESIDENT'S BUDGET
 Major Repair/Major Repair With Concurrent Minor Construction Projects
 (Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>Cost</u> ((\$000))
TX	LAUGHLIN AIR FORCE BASE	REPAIR TAXIWAY	875
		Project will repair the existing pavement, seal cracks and replace slabs. Existing pavement is more than 25 years old, cracked and failure is imminent. Work is needed to maintain pavement in a usable condition. The cracked pavement presents a safety hazard as it increases the potential for foreign object damage to aircraft engines. If this project is not accomplished, deterioration will continue, causing more expensive repairs in the future.	
TX	SHEPPARD AIR FORCE BASE	REPLACE ELEC DIST STRUCTURE	665
		Project replaces all existing distribution feeder support structures and associated connectors. The current structures have deteriorated; fixtures are old and subject to imminent failure. If this project is not accomplished, electrical service to the base could suffer catastrophic failure.	
TX	SHEPPARD AIR FORCE BASE	REPAIR BASE STREETS	850
		The existing road pavement is showing extensive cracking of the asphalt pavement. Water is pumping up from the subbase/base course as well as infiltrating from the surface due to rainfall. Failure to repave the roads can and will result in pavement failure, thus increasing risk of hazard to vehicles.	
TX	KELLY AIR FORCE BASE	REPLACE APRON	1,000
		Project will repair the existing pavement, seal cracks and replace slabs. Existing pavement is more than 20 years old, cracked and failure is imminent. Work is needed to maintain pavement in a usable condition. The cracked pavement presents a safety hazard as it increases the potential for foreign object damage to aircraft engines. If this project is not accomplished, deterioration will continue, causing more expensive repairs in the future.	

**REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 PRESIDENT'S BUDGET**

Major Repair/Major Repair With Concurrent Minor Construction Projects
(Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>Cost</u> <u>(\$000)</u>
UT	HILL AIR FORCE BASE	REPLACE BOILERS	550
	This project will replace the boilers and electrical controls and other associated equipment. The existing equipment is old and requires excessive time and resources to maintain. The possibility of major failure is highly increased if this work is not completed.		
UT	HILL AIR FORCE BASE	REPAIR ROADS	525
	The existing pavement is showing extensive cracking of the asphalt pavement. Water is pumping up from the subbase and base course as well as infiltrating from the surface due to rainfall. Failure to repave the road can and will result in pavement failure, thus increasing risk of hazard to vehicles.		
UT	HILL AIR FORCE BASE	REPAIR TAXIWAY	995
	This project will replace the existing failed asphalt concrete surface and base material. Severe alligator cracking and degradation of the surface increases the potential for foreign object damage to aircraft engines. If this project is not accomplished, deterioration will continue, causing more expensive future repairs.		
VA	LANGLEY AIR FORCE BASE	REPAIR APRON	800
	Project repairs old, failing asphalt surface and replaces collapsed, failing drainage along the hangarline. The hangar aprons have severe cracking, require frequent maintenance and have become a serious foreign object damage problem. Failed drainage piping is a source of flooding in adjacent hangars during periods of heavy rainfall. Failure to complete this project will lead to complete apron and drainage replacement, and could lead to costly hangar repairs unnecessarily.		

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 PRESIDENT'S BUDGET
 Major Repair/Major Repair With Concurrent Minor Construction Projects
 (Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>Cost</u> (\$000)
VA	LANGLEY AIR FORCE BASE	REPAIR SHORELINE DRAINAGE Project repairs shoreline drainage by replacement of rip-rap. The existing shoreline is rapidly deteriorating due to the failed drainage system. The existing system was installed in 1935 and can no longer adequately drain the water due to normal wear and tear of the system.	870
WA	FAIRCHILD AIR FORCE BASE	REPAIR HANGAR DOOR HEATERS Project replaces the existing door rail heating system. During winter, ice builds on the door rail tracks, leaving the doors inoperable as the heaters no longer work. Frequent repairs have not been effective. Failure to complete this project could stop the use of these hangars during severe winter conditions.	1,500
WA	MCCHORD AIR FORCE BASE	REPAIR STEAM LINES Project will replace existing buried steam and condensate return lines with pre-insulated, direct bury, conduit-encased piping. Existing lines are old and corroded and thermally inefficient due to deteriorated, inferior insulation. Repairs will correct thermal deficiencies by repairing pipe leaks and malfunctioning steam traps. This project will greatly improve efficiency of entire system.	810

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 PRESIDENT'S BUDGET
 Major Repair/Major Repair With Concurrent Minor Construction Projects
 (Costing more than \$500,000.00)

<u>State</u>	<u>Location/Installation</u>	<u>Project Title</u>	<u>(\$000)</u> <u>Cost</u>
WA	MCCHORD AIR FORCE BASE	REPAIR HANGARS 3 & 4	1,235

Project will repair HVAC, fire deficiencies, and remove asbestos in hangars and lean-to areas. The HVAC systems were installed as part of the original construction in 1939. In-house efforts to repair the systems are nearly impossible as parts are no longer available. These systems are a severe maintenance burden and are extremely energy inefficient. Failure to do this project will result in continued waste of funds to keep the systems running as well as increased risk of injury if fire detection systems are not repaired.

Total Minor Construction: 572
 Total Repair and Maintenance: 85,502
 Total Active Installations: 86,074
 Total Inactive Installations: 0

Grand Total: 86,074

Maintenance of Real Property Facilities
(Dollars in Thousands)

	<u>FY 1992</u> <u>Actual</u>	<u>FY 1993</u> <u>Estimate</u>	<u>FY 1994</u> <u>Estimate</u>
1. <u>Funded Program</u>			
a. <u>Category of Maintenance</u>			
(1) <u>Recurring Maintenance</u>	714,537	507,532	760,855
(2) <u>Repair Projects</u>	217,660	311,918	213,195
a. up to \$15,000 per project			
b. greater than \$15,000	401,211	293,919	272,000
(3) <u>Minor Construction</u>	28,227	16,905	20,945
a. up to \$15,000 per project			
b. greater than \$15,000	111,786	87,977	82,945
Total RPM:	1,473,421	1,218,251	1,349,940
b. <u>Budget Activity</u>			
O&M (3400)	1,289,207	807,505	1,296,181
RDT&E (3600)	52,154	53,817	53,759
RPM Defense Account (97*0100)	132,060	356,929	0
Total RPM	1,473,421	1,218,251	1,349,940
c. <u>Staffing (in end strength)</u>			
Military Personnel	16,760	11,676	10,690
Civilian Personnel	11,993	11,394	11,433
2. <u>Backlog of Maintenance and Repair</u>	1,599,500	2,033,900	2,338,900

NOTE: PE's 31176/78 are included in above data

3. Facility Category	Funded Program (Dollars in Millions)		
	<u>FY 92</u>	<u>FY 93</u>	<u>FY 94</u>
Operational	308.8	253.6	284.8
Communications/Aviation	18.5	15.7	17.4
Waterfront and Harbor	2.1	1.8	2.2
Training	25.2	20.9	23.4
Aviation Maintenance	70.3	60.8	67.0
Shipyard Maintenance	0.1	0.1	0.1
Other Maintenance	45.8	39.4	43.7
Production	1.3	1.1	1.3
POL Supply/Storage	25.8	21.8	24.8
Ammo Supply/Storage	19.8	16.1	18.0
Other Supply/Storage	36.2	29.3	33.7
Hospital/Medical - Contingency	2.5	0.0	0.0
Administrative	66.5	56.7	62.4
Troop Housing/Dining	71.6	60.0	64.7
Other Personnel Spt Svcs	100.0	80.4	92.8
Utility Systems	264.4	217.4	246.3
Real Estate/Structures	166.3	138.1	157.3
Land Improvements	0.0	0.0	0.0
Rail Trackage	3.3	2.8	3.2
Minor Construction	136.8	102.0	96.2
O&M Funded RDT&E	55.9	46.5	56.9
RDT&E Funded RPM (PE 658XX)	52.2	53.8	53.8
Total	1,473	1,218	1,350

NOTE: PE's 31176/31178 are included in above data

REVENUE FROM LEASING OUT ASSETS AND FROM TRANSFER OR DISPOSAL OF DoD REAL PROPERTY

To be provided separately