Align Department of Public Defense Operations

Critical Issue: The Iowa National Guard has 3.279M ft2 in 452 buildings of which 80% are state and 20% are federal. The state buildings are supported with GF utilities and maintenance dollars where 30% of the armories are 45+ yrs old, inefficient, and are below authorized strength in those locations. DPD proposes a five-year alignment plan to close, relocate, rehab, and provide for new armory construction. This will leverage federal matching funds reducing deferred maintenance by \$5M, saving utilities (DPD during SY00 absorbed \$300K state and \$700K federal increased energy costs from the department's one time emergency funds), improving facilities, and increasing assigned strength.

Initiative: Consolidate and relocate armories to higher demographic areas with federal matching construction funds. Higher unit strength levels will generate additional federal support dollars increasing sales and income tax revenues (during SY00 generated \$9.5M state sales/income tax with \$5.5M GF State Budget). Reduce maintenance backlog, increase federal share to infrastructure support of state facilities, improve strength readiness, and increase federal support to the Department of Defense. Will increase the income and sales tax revenues as a result of the federal investment and support to the Department of Defense. Significant federal funds would be gained and matched with state dollars. Physical condition of armories would improve and new armory construction would position the National Guard in higher demographic areas of the state. Supports Federal Technology Initiatives in partnership with DPD, ICN & ITC DL/TD&E efforts with federal DOD funding. Supports Homeland Security communications and control. Preclude loss of infrastructure due to declining personnel strength and readiness.

Cost: Requires support from capitals and infrastructure budget FY 2003 - FY 2007. Using the Army's Installation Status Report data, it was determined it would be necessary to do one (1) addition/alteration, one (1) renovation, and close one (1) Readiness Center annually for the next five (5) years. It was also determined that we must complete one (1) major military construction project for large addition/alteration projects, replacement of existing Readiness Centers, or construction of a Readiness Center in a different community every three (3) years. The Infrastructure and Capitals Requirement Request in our state budget submittal requires \$7.3M from capitals from SY01-07 and \$1.2M/yr infrastructure to derive \$94.6M federal military construction FY03-07 and \$1.6M/yr federal infrastructure match each year to implement this strategy.

Results: Armories are located in 54 communities and all congressional districts. All armories are equipped with ICN classrooms partially supported with federal dollars from DOD. Supports Federal ICN & ITC DL/TD&E initiatives with DOD funding. Supports Homeland Security communications and control. Our goal is to raise the Quality Condition Rating of Armories and reduce life-safety, environmental (asbestos and underground tanks) and ADA deficiencies at state facilities.

Conclusion: Facilities are fundamental to the performance of the State and Federal mission of the Iowa Army National Guard. In an effort to improve the condition of state facilities during the next five years, the Department of Public defense has developed the following strategy. This strategy will complement the Army Facility Strategy Plan developed and implemented by the Army during the past year. The strategy will sustain and modernize our facilities while focusing investment funding on our Readiness Centers. Second, it integrates and prioritizes maintenance, repair, and construction resources to establish a steady and predicable investment in our Readiness Centers. Our goal is to raise the Quality Condition Rating of Armories from C-3 (impairs mission performance) to C-2 (supports majority of assigned missions) and reduces life-safety, Environmental (asbestos and underground tanks) and ADA deficiencies at state facilities.

The key element of this strategy is the assessment of current conditions provided by the Army's Installation Status Report (ISR). This system evaluates both the quality and the quality of facilities and infrastructure systems and estimates costs to sustain the current assets, improve current conditions, and build for facility deficits.

Using this data, it was determined it would be necessary to do one (1) addition/alteration, one (1) renovation, and close one (1) Readiness Center annually for the next five (5) years. It was also determined that we must complete one (1) major military construction project for large addition/alteration projects, replacement of existing Readiness Centers, or construction of a Readiness Center in a different community every three (3) years. The Infrastructure (\$1.285M SY03) and Capitals (\$2.33M SY03 includes \$1.6M for Camp Dodge Pool) Requirement Request in our state budget submittal reflects the state dollars required to implement this strategy. We solicit your support in this effort.

What we do for facilities is a reflection of what we think of our soldiers. This strategy is the path back to facility conditions that our people truly deserve.

Army National Guard Capital Requirements





Facilities are fundamental to the performance of the State and Federal mission of the Iowa Army National Guard. In an effort to improve the condition of state facilities during the next five years, the Department of Public defense has developed the following strategy. This strategy will complement the Army Facility Strategy Plan developed and implemented by the Army during the past year. The strategy will sustain and modernize our facilities while focusing investment funding on our Readiness Centers. Second, it integrates and prioritizes maintenance, repair, and construction resources to establish a steady and predicable investment in our Readiness Centers. Our goal is to raise the Quality Condition Rating of Armories from C-3 (impairs mission performance) to C-2 (supports majority of assigned missions) and reduces life-safety, Environmental (asbestos and underground tanks) and ADA deficiencies at state facilities.

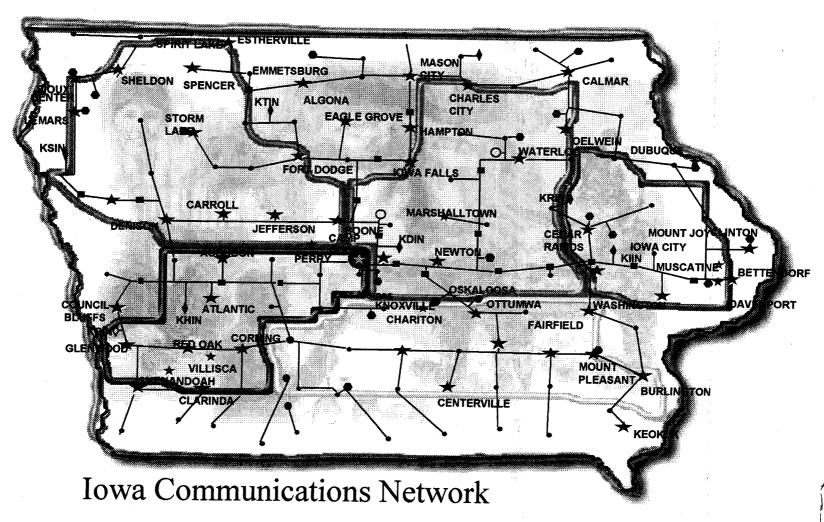
The key element of this strategy is the assessment of current conditions provided by the Army's Installation Status Report (ISR). This system evaluates both the quality and the quality of facilities and infrastructure systems and estimates costs to sustain the current assets, improve current conditions, and build for facility deficits.

Using this data, it was determined it would be necessary to do one (1) addition/alteration, one (1) renovation, and close one (1) Readiness Center annually for the next five (5) years. It was also determined that we must complete one (1) major military construction project for large addition/alteration projects, replacement of existing Readiness Centers, or construction of a Readiness Center in a different community every three (3) years. The Infrastructure and Capitals Requirement Request in our state budget submittal reflects the state dollars required to implement this strategy. We solicit your support in this effort.

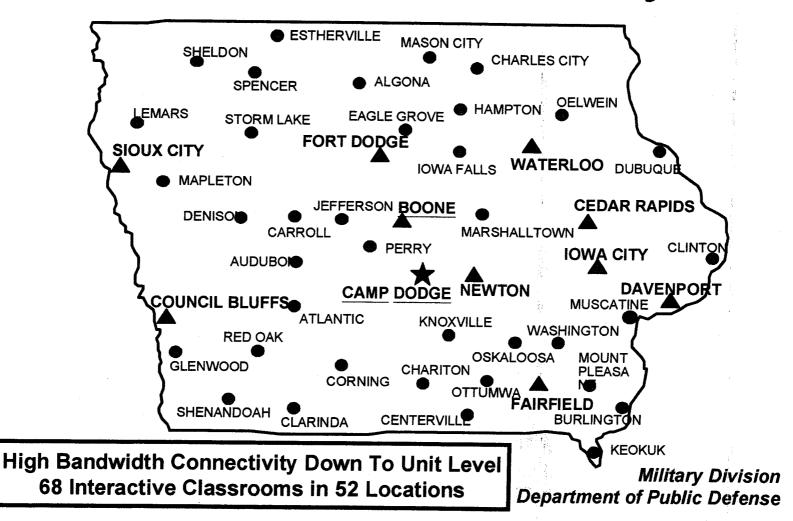
What we do for facilities is a reflection of what we think of our soldiers. This strategy is the path back to facility conditions that our people truly deserve.

Department of Public Defense

Leading Edge Communications Infrastructure

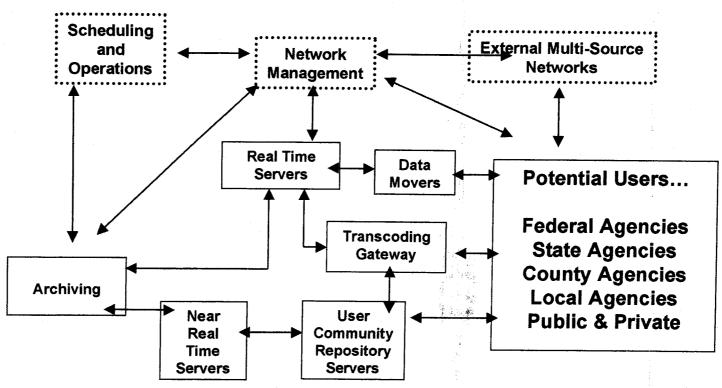


Iowa National Guard A "Living Laboratory"



Knowledge Management – The Next Step For Iowa

Multi Level Secure video, voice, and data on demand ...



... in any form, anywhere, anytime



Summary

- lowa is a unique "Living Laboratory" for the Army in support of the Army Knowledge Management Strategic Plan
- The Iowa Technology Center & Its Strategic Partners
 Provide the Army an Opportunity for a Leap-Ahead in Realizing the Army's Strategic Vision
- GUARDNET & DTTP Provides the Army a Similar Opportunity
- Recommend the Iowa National Guard's CIVIC Program be Leveraged as an Army Knowledge Management Center of Excellence

Federal Economic Impact

	Federal	Taxes	R31	
Fiscal Year	Funds	Generated	Appropriations	RIIF
1996	\$154,544,946	\$7,705,643	\$4,072,077	\$382,000
1997	\$154,886,762	\$7,558,212	\$3,963,720	\$567,000
1998	\$163,052,994	\$7,610,728	\$4,428,945	\$400,000
1999	\$186,472,487	\$8,551,873	\$4,544,320	\$680,000
2000	\$194,764,012	\$8,535,226	\$4,822,198	\$700,000
2001	\$218,899,000	\$9,561,000	\$5,232,749	\$700,000
2002	\$225,465,970 (est)	\$9,850,920 (est)	\$5,536,940	\$700,000

ITC - Adding Value to Iowa

2 New Technology Companies

Created 127 new technology jobs for lowans

16.2 Million in Federal dollars to Iowa for Salaries and Business to Iowa Companies

-Economic impact of 40.5 million



Economic Impact of the Iowa Technology Center

- Initial Support From Governor & DED \$1M (State)
- Congressional Add 1st Year Funding \$18M (Federal)
- Current IT Employees 137 @ Camp Dodge, Urbandale, Johnston, & Ft Dodge
- Current Annual Payroll \$9.8M (Federal)
 - Economic Impact (@ 2.5 rollover factor) \$24.2M (Federal)
- Contracts/Purchases with lowa Companies \$6.4M
 (Federal)
 - Economic Impact \$16M (Federal)



Shared Vision

Iowa National Guard Vision is to ensure the long term viability of the Iowa National Guard by obtaining/maintaining roles and missions that are relevant to Department of Defense future plans

Iowa Technology Center's objective is to attract Department of Defense customers to Iowa in order to take advantage of Iowa's technology capabilities, Iowa's talent pool, and the Iowan work ethic

- Create opportunities for business
- Create high technology jobs for Iowans
- Attract new high technology businesses to Iowa
- •Bottom Line: Keep young Iowans in Iowa!



IOWA

FCG: Readiness Centers - ARNG

Quality Condition (C) Ratings

C-Ratings: Percent in Green, Amber, or Red based on Service-wide standards, using inspection worksheets and standard booklets.

C-1: Supports mission C-3: Impairs mission performance

C-2: Supports majority as assigned members C-4: Significantly impairs mission performance

Fiscal Year	C-Rating	Cost to get to C-2
FY-96	C-4	\$28.3 million
FY-97	C-3	\$15.7 million
FY-98	C-3	\$14.3 million
FY-99	C-3	\$6.5 million
FY-00	C-3	\$15.7 million
FY-01	C-3	\$22.7 million

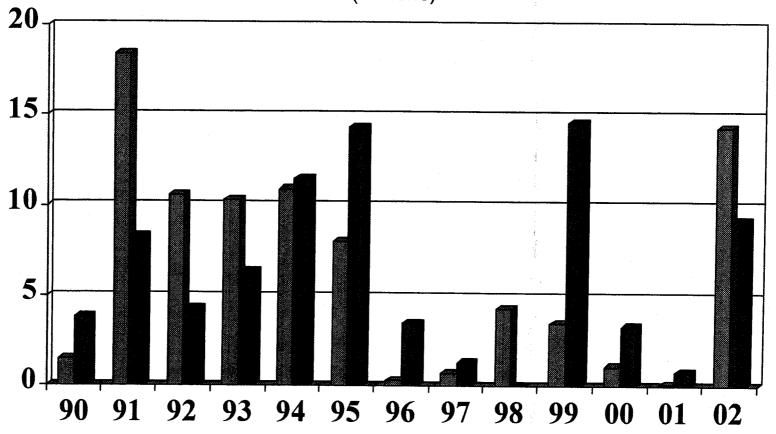
GOAL: Our goal is to raise the Quality Condition Rating of Armories from C-3 to C-2 and reduce life-safety, environmental (asbestos and underground tanks) and ADA deficiencies at state facilities.

Military Division Department of Public Defense



Military Design/Construction 1990-2002

(Millions)



■ Army Guard ■ Air Guard

* 02 Money is an estimate





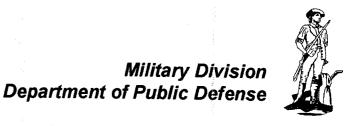
Iowa National Guard

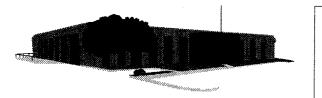
Capital Requirements Plan

State Year	Location	Project Type	State Cost	Federal Cost
2001	Estherville	Design Armory	\$52,245	\$156,900
	Fairfield	Construct Addition	\$404,025	\$905,760
2002	Estherville	Construct New Armory	\$1,200,000	\$2,713,000
	Camp Dodge	Construct Field Grade BOQ	-0-	\$1,369,800
	Sioux City, 185 FW	Ramp & Hydrant Refueling System	-0-	\$14,400,000
	Sioux City, 185 FW	Fuel Cell & Corrosion Control Facility	-0-	\$8,300,000
	Sioux City, 185 FW	Taxi way improvements	-0-	\$4,300,000
2003	Boone	Design Armory Addition/Alteration	\$111,000	\$332,900
	Camp Dodge	Construct Company Grade BOQ	-0-	\$3,482,100
	Cedar Rapids	Design & Construct OMS	-0-	\$2,731,800
	Waterloo	Design & Construct Armory Addition	\$612,100	\$1,412,800
	Sioux City, 185 FW	Hangar Improvements	-0-	\$6,300,000
	Sioux City, 185 FW	Avionics & Operations Building Improvements	-0-	\$3,500,000
2004	Boone	Construct Armory Addition/Alteration	\$1,428,700	\$4,286,200
	Camp Dodge	Construct Consolidated Dining Facility	-0-	\$2,013,000
	Ft Dodge	Design & Construct Armory Addition	\$424,700	\$1,273,900
	Sioux City, 185 FW	Fire House Upgrades	-0-	\$2,500,000
2005	Iowa City	Design New Armory	\$109,600	\$328,700
	Iowa City	Design New OMS	-0-	\$130,800
	Chariton	Design & Construct Armory Addition/Alteration	\$516,200	\$1,548,400
	Camp Dodge	Construct CSMS Addition	-0-	\$7,435,000
	Camp Dodge	Construct TMC/MEPS	-0-	\$6,410,000
2006	Iowa City	Construct New Armory	\$1,410,800	\$4,321,900
	Iowa City	Construct New OMS	-0-	\$1,684,200
	Camp Dodge	Construct New USPFO Admin	-0-	\$3,256,000
	LeMars	Design & Construct Armory Addition/Alteration	\$540,900	\$1,622,500
	Burlington	Design New Armory	-0-	\$261,360
	Burlington	Design New OMS	-0-	\$190,000
2007	Burlington	Construct New Armory	-0-	\$3,365,000
	Burlington	Construct New OMS	-0-	\$2,446,250
	Knoxville	Design Construct Armory Addition/Alteration	\$530,300	\$1,590,600
		Adventure and the second secon	\$7 340 570	\$04 568 870

\$7,340,570 \$94,568,8

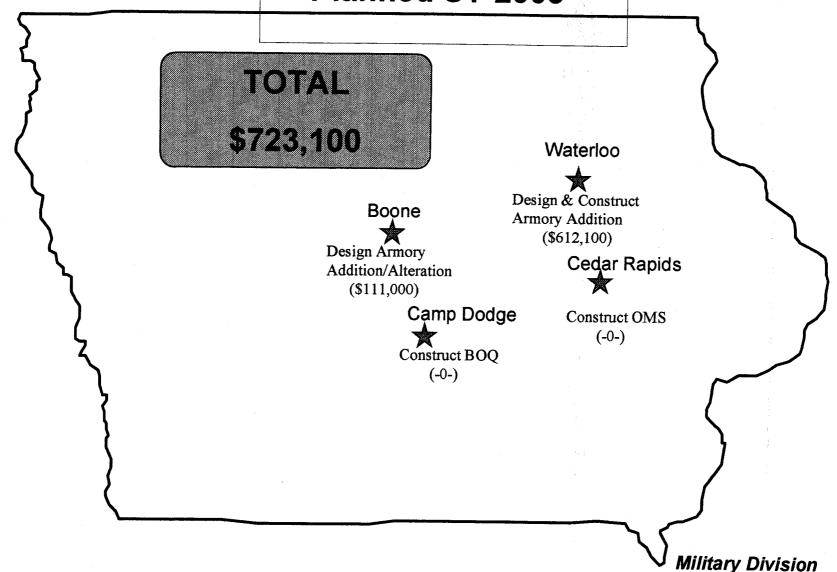
Capital The Five Year Plan SY 2003-SY2007





MILCON Projects

Planned SY 2003







MILCON Projects Planned SY 2004

TOTAL \$1,853,400



Fort Dodge

Design & Construct Armory Addition (\$424,700)



Boone

Construct Armory Addition/Alteration (\$1,428,700)



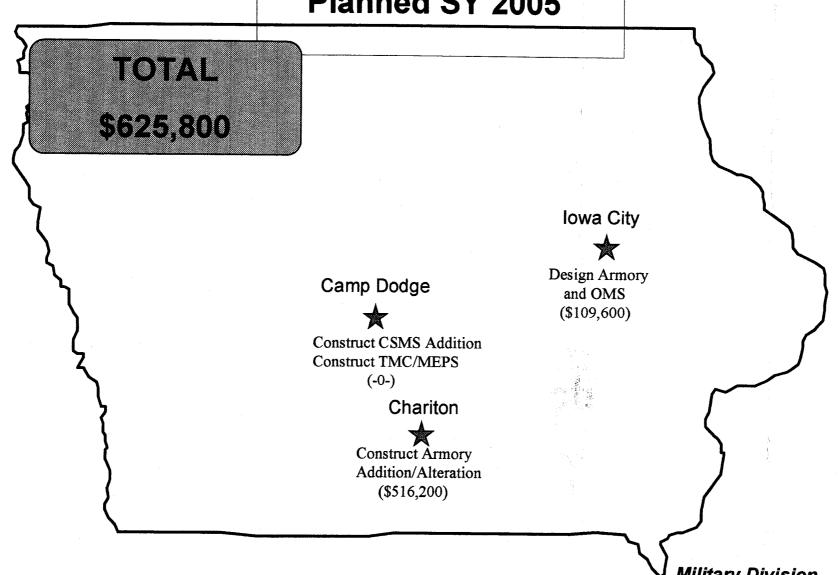
Camp Dodge

Construct Dining
Facility
(-0-)





MILCON Projects Planned SY 2005







MILCON Projects

Planned SY 2006

TOTAL

\$1,951,700

LeMars



Design & Construct Armory Addition/Alteration (\$540,900)

Camp Dodge



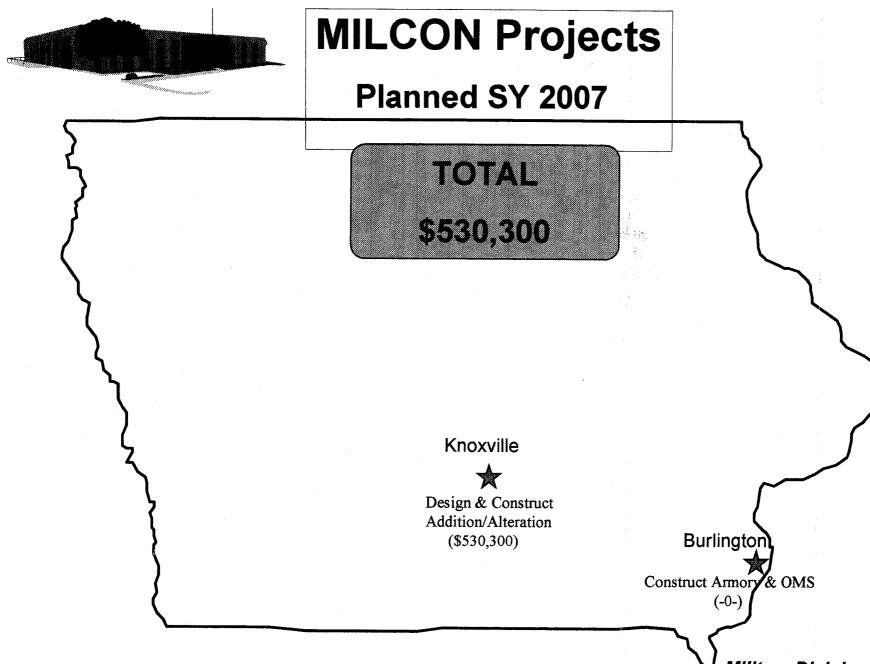
Construct USPFO Admin Building (-0-) **Iowa City**



Construct Armory & OMS (\$1,410,800)

Burlington

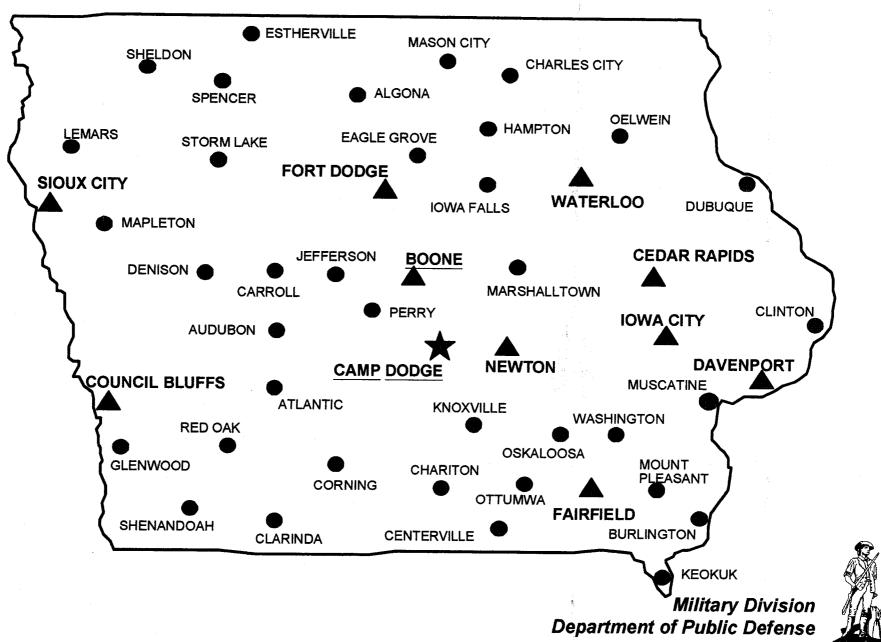
Design Armory & OMS
(-0-)





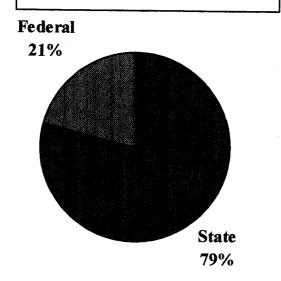
Army National Guard Infrastructure Requirements

Iowa National Guard



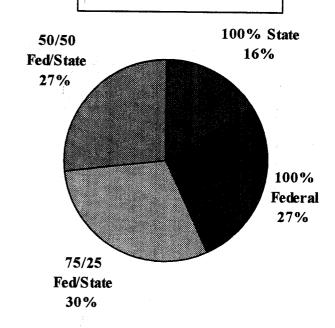
Army National Guard Facilities

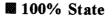






Area by Support





■ 100% Federal

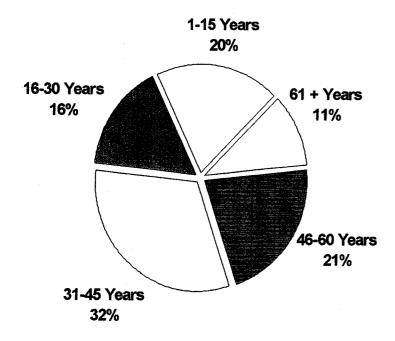
■ 75/25 Fed/State

■ 50/50 Fed/State



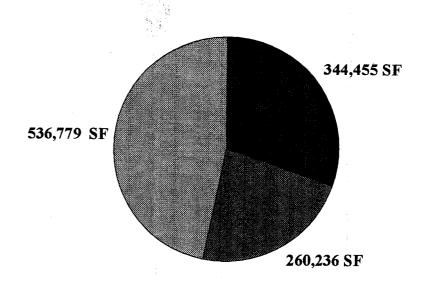
Army National Guard Facilities

Armory Age



56 buildings 1,141,470 square feet

Armory Quality FY01 ISR Rating Distribution



■ Red ■ Green ■ Amber



ISR Concept

What is the ISR?

- "A decision support system to improve management of limited resources for installations."
- GOAL: Achieve Installation Renewal (IR)/Facilities Revitalization through improved justification and prioritization of limited Army resources
- GREEN Complies with standards Overall good condition

A facility which is condition rated GREEN is considered to satisfy the published ISR standard and therefore in good condition.

AMBER Does not fully meet standards - Overall fair condition

A facility rated AMBER does not fully meet the published standard and is only in fair (or even marginal) condition.

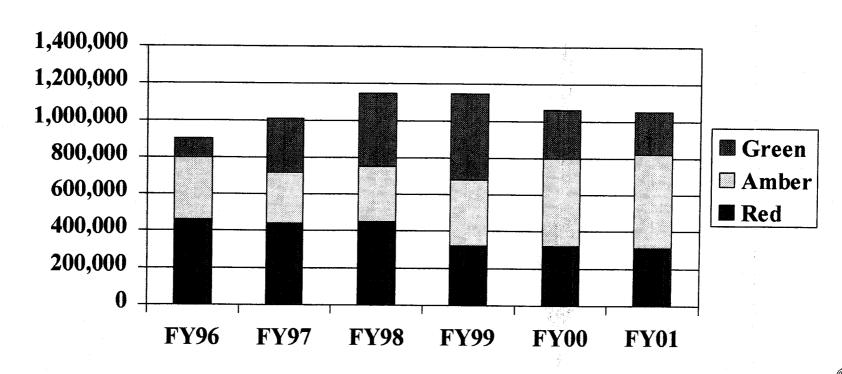
RED Dysfunctional or substandard - Overall poor condition

A RED facility is well below published standards (or even dysfunctional) and therefore in poor condition.



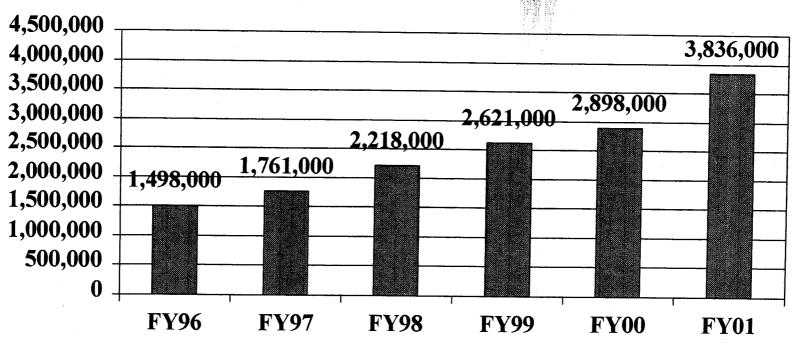
IOWA FCG: Readiness Centers - ARNG Quality

Rating by Square Footage



Iowa FCG: Readiness Centers - ARNG

Sustainment Cost Overview





Infrastructure Recap

State Year	Project Type	State Cost	Federal Cost
SY96	3 Water Main Replacement 3 Roof Repair/Replacement 1 Latrine/Kitchen Renovation (Iowa City)	\$382,000	\$266,993
SY97	3 Design HVAC Repair/Replacement 1 HVAC Replaced 2 Roof Reapir/Replacement 1 Armory renovation (Sioux City)	\$567,000	\$344,898
SY98	2 HVAC Replaced 3 Exterior Repair 1 Desgin Armory Renovation 1 New Fuel System (Waterloo)	\$398,263	\$659,915
SY 99	1 Exterior Repair 1 Design Armory Renovation 2 Armory Renovations (Sheldon-Davenport) 1 New Fuel System (Davenport)	\$680,000	\$1,114,908
SY00	2 Parking Repair 1 Design Armory Renovation 1 Armory Renovation (Marshalltown)	\$700,000	\$410,637
SY01	1 Armory Addition (Fairfield) 2 HVAC/Boiler Repair/Replacement 2 Design Armory Renovation 1 Parking/MVSB/UST 1 Office Renovation (Iowa City)	\$700,000	\$1,436,406
SY02	5 Roof Repair/Replacement 1 Armory Renovation (Red Oak) 1 HVAC Repair/Replacement 2 Exterior Repairs	\$700,000	\$700,000
		\$4,127,263	\$3 933 757

\$4,127,263

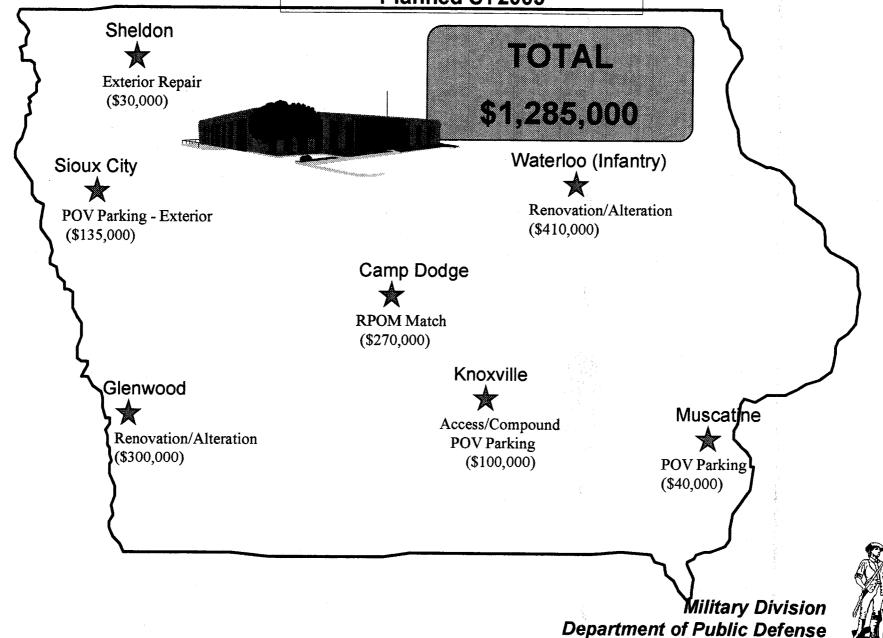
\$3,933,757

Infrastructure The Five Year Plan SY2003-SY2007



Armory Projects

Planned SY2003



DEPARTMENT OF PUBLIC DEFENSE SY 2003 INFRASTRUCTURE

LOCATION	TYPE PROJECT	STATE COST	FEDERAL COST
Camp Dodge	4 Projects	\$270,000	\$1,350,000
Muscatine	Parking Repair	\$40,000	-0-
Glenwood	Armory Renovation	\$300,000	\$300,000
Waterloo	Armory Renovation	\$410,000	\$410,000
Knoxville	Access/Compound/Parking Repair	\$100,000	-0-
Sheldon	Exterior Repair	\$30,000	\$30,000
Sioux City	POV Parking/Exterior	\$135,000	\$30,000
	TOTAL	\$1,285.00	\$2,060,000





RPOM Projects

Planned SY 2003



\$270,000

Camp Dodge

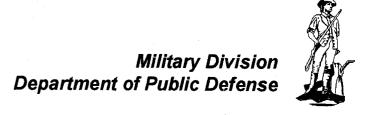


4 Projects (see attached)



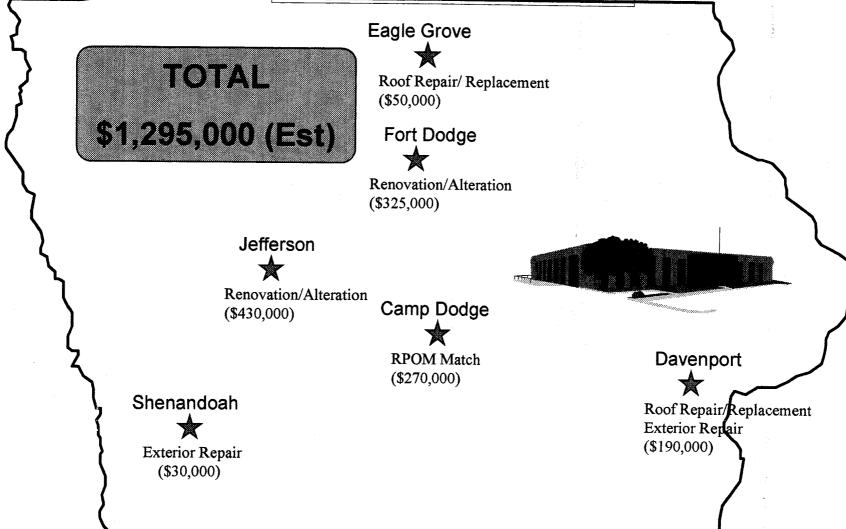
Department of Public Defense SY 2003 RPOM Requirements

Bldg	Description	Est State Cost	Est Federal Match
B-59	Fire/Security Addition	\$100,000	\$500,000
B-61	Exterior Repair	\$20,000	\$100,000
S-8A	Construct Water Storage	\$100,000	\$500,000
Various	Repair/Replace (Phase I) Water Distribution	\$50,000	\$250,000
	TOTALS	\$270,000	\$1,350,000



Armory Projects

Planned SY2004

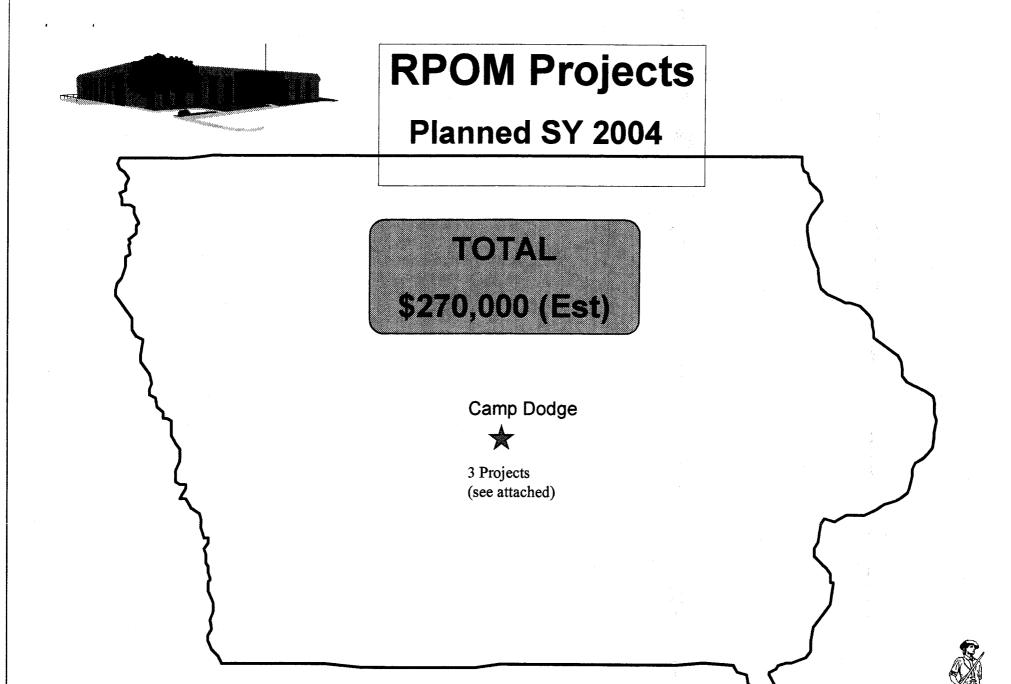




Department of Public Defense SY 2004 Infrastructure

Location	Type Project	State Cost	Federal Cost
Camp Dodge	3 Projects	270,000	765,000
Jefferson	Armory Renovation	430,000	430,000
Davenport Shenandoah	Exterior Repair	60,000	60,000
Davenport/ Eagle Grove	Roof Repair/Replacement	210,000	210,000
Fort Dodge	Armory Renovation	325,000	325,000
	TOTALS	\$1,295,000	\$1,790,000



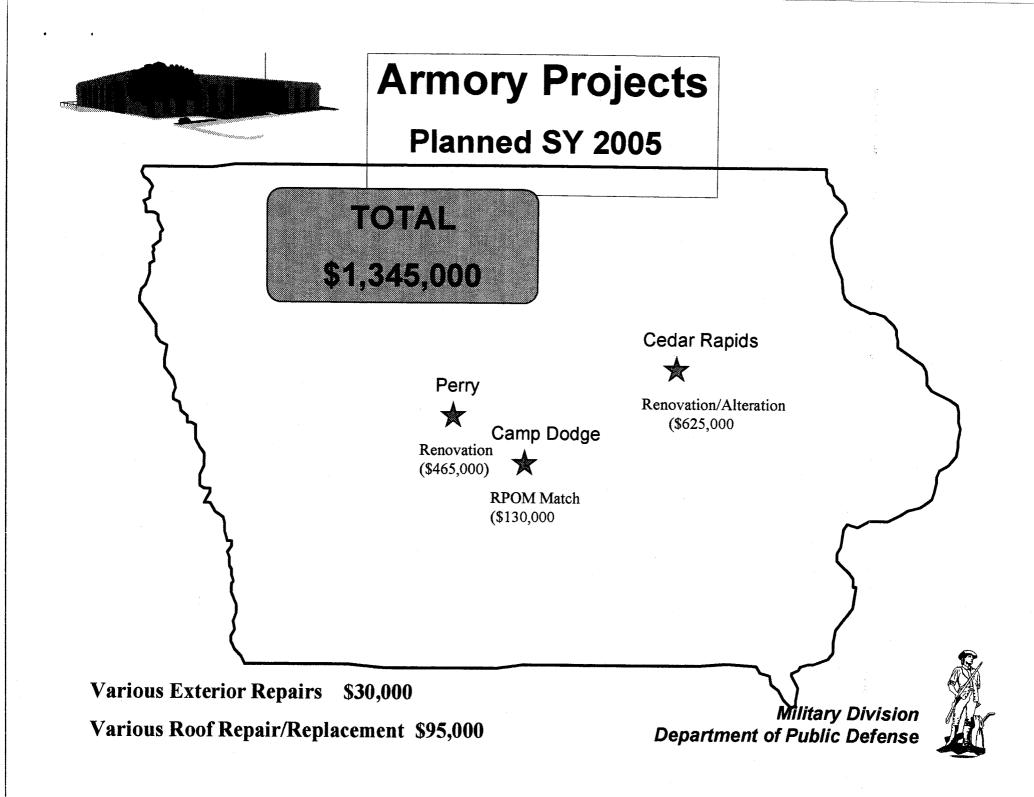


V Military Division Department of Public Defense

DEPARTMENT OF PUBLIC DEFENSE SY 2004 RPOM Requirements

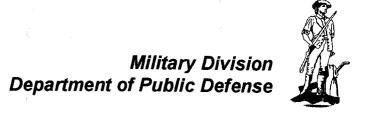
Building	Description	Est. State Cost	Est. Federal Match
W08	Repair/Replace Compound Parking (Phase I)	\$100,000	\$365,000
B76	Construct Storage Building	\$70,000	-0-
Various	Repair/Replace Sanitary Sew (Phase I)	er \$100,000	\$400,000
	TOTALS	\$270,000	\$765,000

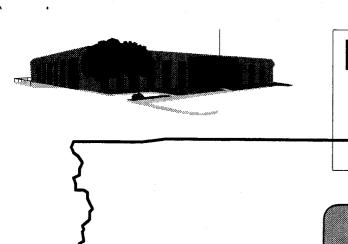




Department of Public Defense SY 2005 Infrastructure

Location	Armory Renovation	Est State Cost	Federal Cost Match
Perry	Armory Renovation	\$465,000	\$465,000
Camp Dodge	2 Projects	\$130,000	\$485,000
Various	Exterior Repair	\$30,000	-0-
Cedar Rapids	Armory Renovation/Alterations	\$625,000	\$625,000
Various	Roof Repair/Replacement	\$95,000	\$95,000
	TOTALS	\$1,345,000	\$1,670,000





RPOM Projects

Planned SY 2005



\$130,000

Camp Dodge



2 Projects (see attached)

Military Division
Department of Public Defense



Department of Public Defense SY 2005 RPOM Requirements

Bldg	Description	Est State Cost	Est Federal Match
W08	Repair/Replace Drives & Parking	\$100,000	\$365,000
Various	Repair/Replace Water Distribution (Phase II)	\$30,000	\$120,000
	TOTALS	\$130,000	\$485,000

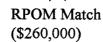




Planned SY2006

TOTAL \$1,344,000

Camp Dodge



Mount Pleasant



Renovation/Alteration (\$459,000)

Keokuk

Various Exterior Repairs

Various Roof Repair/Replacement

\$30,000

\$100,000

Renovation/Alteration

Military Division

Department of Public Defense

Department of Public Defense SY 2006 Infrastructure

Location	Armory Renovation	Est State Cost	:	Federal Cost Match
Camp Dodge	2 Projects	\$260,000	\$ - p	\$200,000
Keokuk	Armory Renovation/Alteration	\$495,000		\$495,000
Mount Pleasant	Armory Renovation/Alteration	\$459,000		\$459,000
Various	Exterior Repair	\$30,000		\$30,000
Various	Roof Repair/Replacement	\$100,000	A Pr	\$100,000
	TOTALS	\$1,344,000		\$1,284,000





RPOM Projects

Planned SY 2006

TOTAL

\$260,000 (Est)

Camp Dodge



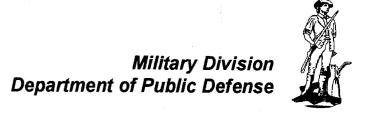
2 Projects (see attached)

Military Division
Department of Public Defense

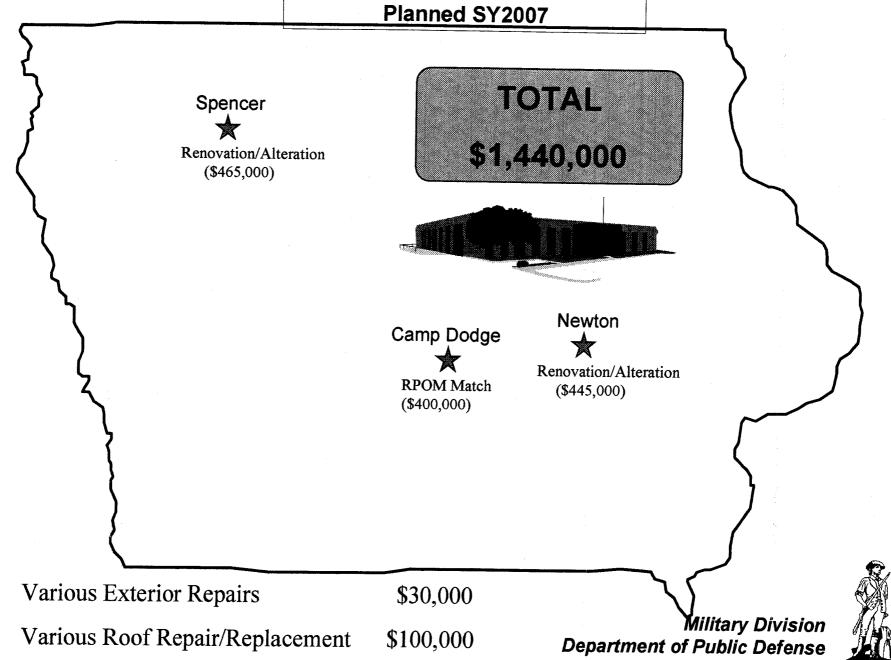


Department of Public Defense SY 2006 RPOM Requirements

Bldg	Description	Est State Cost	Est Federal Match
W5	Exterior Repair	\$210,000	-0-
Various	Repair/Replace Sanitary Sewer Distribution (Phase III)	\$50,000	\$200,000
	TOTALS	\$260,000	\$200,000



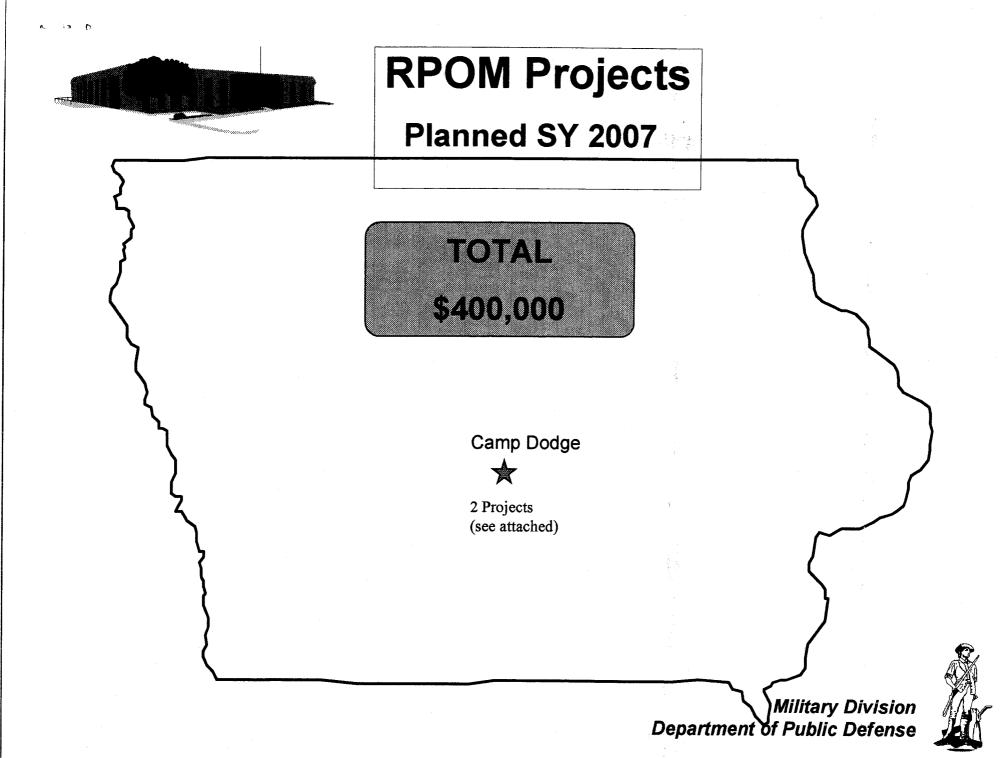
Armory Projects



Department of Public Defense SY 2007 Infrastructure

Location	Armory Renovation	Est State Cost	Federal Cost Match
G D 1		light of the state	
Camp Dodge	2 Projects	\$400,000	\$200,000
Various	Exterior Repair	\$30,000	\$30,000
Spencer	Armory Renovation	\$465,000	\$465,000
Newton	Armory Renovation	\$445,000	\$445,000
Various	Roof Repair/Replacement	\$100,000	\$100,000
	TOTALS	\$1,440,000	\$1,240,000





Department of Public Defense SY 2007 RPOM Requirements

Bldg	Description	Est State Cost	Est Federal Match
W5	Interior Repair	\$350,000	-0-
Various	Repair/Replace Electric Distribution (Phase I)	\$50,000	\$200,000
	TOTALS	\$400,000	\$200,000

