



Expansion

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Industrial Expansion

*Mission Expansion
Will Be Within a Superior Infrastructure...*

- 74 Miles Fiber Optic Cable
- 11.5 Miles Road Resurfaced
- 213 Pieces of Industrial Equipment >\$10k, at a Value of over \$28M
- 13 Buildings Resided
- 52 Buildings Roofing Replaced
- 50 Buildings Improved Lighting
- 354,475 Sq. Ft. New Buildings Constructed

FOR THE SECRETARY OF DEFENSE
CHIEF OF STAFF
SUPERINTENDING ANGR AND WAREHOUSES

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ANAD has made significant improvements to our infrastructure over the past few years. These improvements range from 28 million dollars spent on industrial equipment to refurbishing numerous buildings, adding an additional 354,000 sq. ft in production capacity. ANAD is improving our infrastructure to support changing defense requirements.

Master Plan MCA Projects

5	AN50499	Powertrain/Flexible Maintenance Center	24.00
6	AN60303	High School Co-Op Facility Expansion	0.80
	AN60725	Central Chiller Plant (ECIP)	9.60
	AN60726	Energy Management and Control System (ECIP)	2.35
	AN60727	Emergency & Auxiliary Propane-Air System (ECIP)	0.58
7	AN27259	Industrial Waste Treatment Plant Renovation	12.40
	AN27261	Domestic Waste Treatment Plant Renovation	8.20
	AN55694	Child Development Center	3.50
8	AN56564	General Instruction Building	1.10
	AN57620	Powertrain Transmission Repair Facility	25.60

Approved
FYDP
TOTAL
25.1 Mil

Planned
TOTAL
1.03 Mil

ECIP - Energy Conservation Investment Project
MCA - Military Construction Appropriations

(FYDP - Future Years Defense Plan)

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As you can see from the chart, Anniston's Master Plan shows economical investments for both programmed and planned projects. In the not so distant future Anniston's MCA plan will include state-of-the-art projects ranging from energy conservation to production facilities, workforce revitalization, training, expansions, and other environmental improvements.

ANNISTON ARMY DEPOT

FY05-09 MCA

FY	PROJECT #	PROJECT DESCRIPTION	Cost (In \$ million)
7	ANF0014	Turbine Engine Test Cell Replacement	12.00
7	ANF0025	Welding Facility	3.20
7	ANF0003	Industrial Area Steam Distribution System Improvements	1.50
7	ANF0008	Industrial Area Electrical System Upgrade	3.00
7	ANF0029	Small Arms Shop Modernization	1.50
7	ANF0010	Industrial Area Sanitary Sewer System Upgrades	3.50
7	ANF0009	Industrial Area Water System Upgrade	2.50
7	ANF0019	Industrial Area Storm Water Sewer Upgrades	2.00
8	AN60001	60001/Combat Vehicle Support Facility	7.80
8	ANT4250	Engineering Prototype Facility	25.00
8	ANF0037	Production Facility Insulation and Siding Replacement	2.50
8	ANT4252	Container Repair Facility	2.00
8	ANF0038	Industrial Area Electrical System Upgrade	3.00
8	ANF0039	Industrial Area Water System Upgrade	2.50
8	ANF0040	Industrial Area Steam Distribution System Improvements	1.50
9	ANF0026	Building 128 Renovation	3.40
9	ANF0027	Building 129 Renovation	4.50
9	ANF0047	Industrial Complex Expansion	7.30
9	ANF0048	Production Area Administrative Facility	4.70
9	ANF0049	Industrial Entrance Replacement	7.50
9	ANF0050	Industrial Area Electrical System Upgrade	3.00
9	ANF0051	Industrial Area Water System Upgrade	2.50
9	ANF0052	Industrial Area Parking Deck	7.20
9	ANF0054	Composite Armor Repair Facility	5.00
LEGEND			
PROGRAMMING DOCUMENTS BEING PREPARED			

FY05										
52F00	H301006	(CPE) Paint System w/Conveyor & Drying Oven (2 each)	New		8/2/2003	8/4/2003	8/4/2003			
52F00	"	(CPE) Aqueous Washer (2 each)	New							
52F00	"	(CPE) Zinc Plating System	New							
52J00	"	(CPE) Parts Conveyor System/ASRS System	New							
52J60	"	(CPE) Engine Test Cells (12 each @ 841,955)	# 7	1987						
52J60	"	* 9 of the test cells are replacements & 3 added	# 8	1987						
52J60	"	* Cell numbers are listed instead of bar codes	# 9	1987						
52J60	"	because the cells are made up of many different	# 13	1983						
52J60	"	components with individual bar codes.	# 14	1980						
52J60	"	* Cell numbers listed are the cells that will be replaced	# 15	1983						
52J60	"		# 17	1983						
52J60	"		# 18	1987						
52J60	"		# 19	1985						32,290,140
52C30	H305029	Cylindrical Grinder	04228	1984	1/28/2002	4/29/2002	4/25/2002			2,594,000
52C30	H305031	Cylindrical Grinder	10074	1984	"	"	"			
52C30	H305023	Cylindrical Grinder	K4491	1998	"	"	"			
52C30	H305028	Cylindrical Grinder	K4492	1998	"	"	"			
52D50	H305007	Universal Hydraulic Test Stand (aid Trola-Dyne)	New		1/28/2002	4/16/2002	5/14/2002	7.121		429,000
52EE0	H305017	Metalizing Robot	G5653	1987	1/28/2002	4/26/2002	5/14/2002	3.763		500,000
52EG0	H304010	CNC Electrical Discharge Machine (EDM)	F1837	1986	1/28/2002	4/26/2002	5/14/2002	3.549		458,000
52EG0	H305004	Water Jet w/ Abrasive Recycling System	New		2/6/2002	4/24/2002	5/14/2002	3.482		767,000
52F30	H305009	Rotary Blast	09403	1976	1/22/2002	4/18/2002	4/25/2002	5.8		689,000
52F30	"	Rotary Blast	09404	1976	"	"	"			
52F30	H305012	Rotary Blast	09397	1953	"	"	"	1.45		
52F40	H305010	Spinner Hanger	New		1/28/2002	3/26/2002	4/25/2002	1.95		2,724,000
52J30	H305025	Crankshaft Micro-Polisher	09918	1944	1/1/2002	4/30/2002	4/25/2002			252,000
Overhaul Cranes in B400 (OC- See 10 Items Below) Total Cost Shown On This Row					1/28/2002	4/12/2002	4/25/2002	N/A		1,415,000
52BA0	H305026	(OC) 20 Ton Bridge Crane	9605	1954						
52BA0	"	(OC) 30 Ton Bridge Crane	E6707	1979						
52BE0	"	(OC) 30 Ton Bridge Crane	17279	1987						
52BE0	"	(OC) 20 Ton Bridge Crane	K4562	1954						
52BE0	"	(OC) 60 Ton Bridge Crane	8479	1954						
52B10	"	(OC) 30 Ton Bridge Crane	09788	1980						
52B40	"	(OC) 20 Ton Bridge Crane	08535	1954						
52B40	"	(OC) 20 Ton Bridge Crane	09479	1954						
52BJ2	"	(OC) 20 Ton Bridge Crane	17398	1987						
52BJ3	"	(OC) 20 Ton Bridge Crane	09617	1954						
52C60	H305015	Oil Pump Test Stand	F2350	1986	1/28/2002	4/18/2002	4/25/2002	1.29		225,000
52C60	H305019	HMU Test Stand (Upgrade)	H1567	1986	1/22/2002	4/18/2002	4/25/2002	1.6		641,000
52C60	"	HMU Test Stand (Upgrade)	H5624	1990						
52C60	H305020	Fuel Nozzle Flow Test Stand	H5623	1990	1/28/2002	4/24/2002	4/23/2002	1.4		236,000
52C80	H305016	Oil Flow Test Stand	New		1/28/2002	4/18/2002	4/23/2002	2.17		193,000
52EB0	H305013	Precision Plasma Cutting Machine (CNC, 1/2")	08970	1981	1/30/2002	4/26/2002	4/25/2002			
52EG0	H305030	Cylindrical Grinders (14x39) Manual	10365	1980	1/30/2002	4/22/2002	4/25/2002			375,000
52EG0	"	Cylindrical Grinders (14x39) Manual	10358	1954						
52EG0	"	Cylindrical Grinders (14x39) Manual	10319	1953						
	H305-04-05	Abrasive Blast Facility			1/28/2002	2/6/2002	4/25/2002	15.7		475,000
	H305-05-05	Hydraulic Component Fluid Containment			1/30/2002	4/11/2002	5/14/2002	N/A		350,000
	H305-06-05	Turbine Engine Facility Expansion (RECAP)			1/17/2002	4/18/2002	4/25/2002			475,000
	H305-08-05	Sheet Metal Shop Replacement			2/1/2002	4/7/2002	4/25/2002			475,000
	H305-JF90	Procurement Office Addition			2/5/2002	4/11/2002	4/25/2002	N/A		200,000
	H305-JC93	Office for Tracked System Division			2/7/2002	5/7/2002	5/14/2002			200,000
FY05 TOTAL										45,963,140

FY07									
52C60	H307EQ010	1	LENS 850-R	New		10/28/2003	Jan-04	16.072	1,768,000
52B10	H307EQ009	2	Ingersol Machining Center (Upgrade)	G9225	1989	9/26/2003	Jan-04	2.93	238,000
52DB0	H307EQ006	3	Upgrade Metal Finish Operation and Add Anodize	?		11/02/2003	Jan-04	1.022	3,104,000
52C80	"			H1555	1987				
52C80	"			H1557	1987				
52C80	"			H1559	1965				
52C80	"			H2510					
52ED0	H307EQ004	4	Devlieg Horizontal Boring Mill	08728	1966	10/20/2003	Jan-04	0.225	484,000
	H307MC006	5	Aircompressor Upgrade			11/2/2003	Jan-04	2.78	598,000
52EB0	H307EQ024	6	Shear, 5/8" Thick Capacity, 12 ft.	08978	1982	10/27/2003	Jan-04	1.134	272,650
52EB0	H307EQ023	7	450 Ton Brake, 10 ft.	08971	1982	10/22/2003	Jan-04	0.788	246,000
52C80	H307EQ005	8	Dynamometer Test Stand, 5 each	H1552	1987	9/29/2003	Jan-04	1.202	4,035,000
52EE0	H307EQ028	9	Lathe, 156" X 30" Swing	8852	1939	10/21/2003	Jan-04	0.415	443,000
	H307MC004	10	Small Arms Upgrade, P/N08-07			11/7/2003	Jan-04	5.796	725,000
	H307MC005	11	Production Admin Facility, P/N 09-07			10/23/2003	Jan-04	1.412	703,000
	H307MC001		Composite Repair Facility, P/N 05-07			11/7/2003			
	H307MC002		Stryker Repair Facility, P/N 06-07			10/22/2003		1.54	
	H307MC003		Motor Generator Repair Facility, P/N 07-07			9/28/2003			
FY07 TOTAL									12,616,650

Industrial Expansion Capabilities

Fiscal Year	FY05
Estimated Cost	\$56 Million
	Facility - 24M
	Equipment - 32M
Size	142,000 Sq Ft
Payback	6.6 Yrs



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As seen on the previous chart ... The Powertrain facility is positioned within the President's budget for FY05. This state-of-the-art facility is expected to cost \$56 Million dollars and be 142,000 square feet in size. It will house all reciprocating engine operations within a single building that will be flexible to support current and future weapon systems. Upon completed construction, 103,000 Sq.Ft. of existing industrial space will be available to accommodate additional missions.

POINT PAPER

AMSTA-AN-PW

UNCLASSIFIED

16 March 2004

SUBJECT: TACOM National Automotive Center Assistance with Powertrain Project

1. PURPOSE. To provide information on Mr. Doug Miller's (TARDEC-NAC) assistance with ANAD's Powertrain project.

2. FACTS.

- o Mr. Doug Miller (TARDEC-NAC) has contracted with retired GM executives Rori Larose, and Dick Donnelly to assist as required for the Powertrain facility at ANAD.
- o Mr. Larose, Mr. Miller, and Mr. Donnelly have attended meetings, shared their ideas, and given feedback to our plans for the new facility.
- o ANAD will continue to keep them informed of our progress and receive feedback from this group.
- o At some point, Mr. Larose and Mr. Donnelly may be able to provide simulation of specific processes for evaluation of their effectiveness.
- o Mr. Miller has been instrumental in providing access to outstanding facilities for ANAD personnel to visit.

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**Opportunities for Consolidation of
Department of Defense Weapons Systems
at
Anniston Army Depot**

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Section II	Existing Anniston Army Depot and Partnering Capabilities
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Section IV	Conclusion

SECTION I.

EXECUTIVE SUMMARY

Anniston Army Depot has been a critical part of the Department of Defense (DoD) industrial base for over 50 years. Anniston's extensive infrastructure, skills, and technologies can be readily adapted to support any model or series of tracked and wheeled combat vehicle or artillery system within the DoD inventory regardless of type, function, size, or propulsion.

In recent years Anniston has become the DoD leader in another area, public-private partnerships. Anniston's numerous partnerships with private industry have resulted in the formation of a public-private industrial base without equal anywhere in DoD. Private defense contractors such as General Dynamics Land Systems (GDLS), Honeywell and United Defense Limited Partnership (UDLP) have operations on Anniston Army Depot, working alongside Anniston employees.

One consideration of BRAC 2005 may be to consolidate support of all combat vehicles, artillery, and small arms weapons systems at one location to eliminate excess physical capacity and duplication of resources. Currently, support of these weapon systems is distributed among four DoD installations (Army and Marine Corps).

This document proposes opportunities for consolidation of DoD combat vehicles, artillery, and small arms weapons systems at Anniston Army Depot. Consolidation of these weapon systems at Anniston will eliminate duplication of resources and excess capacity, which is in direct agreement with the Secretary of Defense directives for BRAC 2005.

A tremendous public-private industrial base capable of accommodating and supporting this consolidated workload exists at Anniston Army Depot. Anniston Army Depot is the only facility within DoD that has the infrastructure, skills, and technologies to support consolidation of all DoD combat vehicle, artillery, and small arms workload. Anniston's capacity is flexible, readily adaptable to accommodate new system workload with minimal effort and cost.

Anniston Army Depot is the ideal public-private defense industrial center in the United States and the prime location for consolidation of DoD combat vehicle, artillery, and small arms weapon systems. The facilities, equipment, skills, and technologies required to support these weapon systems are jointly located, resulting in improved capabilities, efficiencies, and cost effectiveness for the Department of Defense and the warfighter.

SECTION II.

EXISTING ANNISTON ARMY DEPOT & PARTNERING CAPABILITIES

Introduction

A tremendous public-private industrial base exists in Anniston, Alabama. Anniston Army Depot, the premier joint combat system support provider in the Department of Defense, has a long history as a world-renowned source of weapon system support. In recent years, Anniston's value to the Department of Defense has increased further through the establishment of numerous public-private partnerships between Anniston Army Depot and private defense contractors. These partnerships have formed a public-private industrial base that is unequaled.

Anniston Army Depot Capabilities

Anniston Army Depot (ANAD) is the premiere joint combat system support provider in the world. For over 50 years, Anniston Army Depot's combat vehicle maintenance capabilities have been viable and critical entities within the Department of Defense (DoD) industrial base. Anniston is the only Department of Defense facility with the technology, skills, and infrastructure to support all combat vehicles from the heaviest to the lightest. In October 2002 Anniston was designated as the Army's Center of Industrial and Technical Excellence (CITE) for combat vehicles (except Bradley), artillery, and small caliber weapons. Anniston's extensive facilities, equipment, technologies, and skills, many of which are unique within the vast Department of Defense industrial base, can be readily adapted to support any model or series of tracked and wheeled vehicles within the DoD inventory regardless of type, function, size, or propulsion.

The weapon systems currently supported at Anniston represent a wide range within the DoD inventory. These systems include the M1A1 and M1A2 Abrams Battle Tanks, M88 Recovery Vehicle, M113A3 Armored Personnel Carrier, M109A6 Paladin Self-Propelled Howitzer, Field Artillery Ammunition Support Vehicle (FAASV), M9 Armored Combat Earthmover (ACE), Stryker Family of Vehicles, M93 Fox Nuclear, Biological, and Chemical Reconnaissance System (NBCRS), Towed Howitzers (M198, M119A1, and M102), and Bridge Systems (AVLB, MGB, and IRB). Anniston overhauls all major subassemblies of these weapons including engines, transmissions, final drives, recoils, gun mounts, hydraulic components, fire control, electronics, electro-optics, optics, and other components.

Anniston is the Army's sole Small Arms Maintenance/Storage depot and has the capability and capacity to become the same for the Department of Defense. In fact, Anniston currently performs maintenance on over 90% of DoD's small arms inventory supporting the Army, Navy, and Air Force. Anniston overhauls numerous weapons including the M16A2 rifle, M4 Carbine, MK19 40mm Grenade Launcher, M230 30mm Chain Gun, M2 .50-cal Machine Gun, M9 9mm Pistol, M249 Squad Automatic Weapon,

M134 7.62mm Gatling Machine Gun, M240 7.62mm Machine Gun, M60 Machine Gun, and 120mm and 80mm Mortars.

Anniston Army Depot's highly skilled workforce encompasses a broad diversity of skills. Anniston can deploy employees at a moment's notice to support the combat vehicle, artillery, and small arms weapon systems in the field. Anniston is dedicated to providing unsurpassed fielding operations and repair support both at home and abroad, in times of peace and conflict.

Inter-Relationship Of Anniston Army Depot And Private Partners

Anniston Army Depot is the Department of Defense leader in development of public-private partnerships. Anniston's numerous partnerships with private industry have resulted in the formation of a public-private industrial base without equal anywhere in DoD. These partnerships create win/win opportunities for both the public and private sectors by capitalizing on the strengths and efficiencies of each. Private defense partners such as General Dynamics Land Systems (GDLS), Honeywell, and United Defense Limited Partnership (UDLP), all original equipment manufacturer (OEM) contractors for major DoD weapon systems and components, have extensive operations on Anniston Army Depot, working alongside Anniston employees. United Defense also operates its Steel Products Division facility in the Anniston area. These private contractors are all original equipment manufacturers (OEM's) of major weapon systems and are a viable source of surge capacity during mobilization workload requirements.

Summary

The industrial base that exists at Anniston Army Depot is unmatched in the Department of Defense. Anniston's facilities, technologies, and skill base, augmented by those of jointly located private defense partners, is ready to meet the challenges of our nation's transforming defense force. Anniston Army Depot is the only installation capable of supporting a consolidated Department of Defense combat vehicles, artillery, and small arms weapons workload.

SECTION III.

CONSOLIDATION OF DEPARTMENT OF DEFENSE COMBAT VEHICLE, ARTILLERY, AND SMALL ARMS MAINTENANCE MISSIONS AT ANNISTON ARMY DEPOT

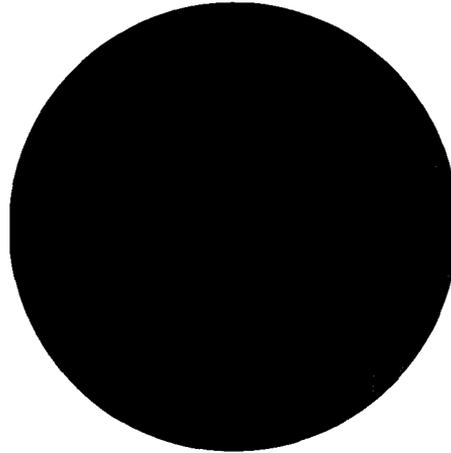
Introduction

There are currently four Department of Defense installations (Army and Marine Corps) that support depot level maintenance of combat vehicles, artillery, and small arms weapons. Anniston Army Depot stands alone as the installation most poised and capable to support consolidation of these missions. No other DoD maintenance facility supports the wide range of combat vehicle, artillery, and small arms weapons systems found at Anniston Army Depot. Anniston is the Army's Center of Industrial and Technical Excellence (CITE) for all combat vehicles (except Bradley), artillery, and small caliber weapons. Anniston already supports all of the Army's combat vehicles except the Bradley Fighting Vehicle System (BFVS) and Multiple Launcher Rocket System (MLRS). The technologies and infrastructure Anniston possesses to support its current weapon systems, including technologically advanced systems such as the M1 Abrams Tank and the M109A6 Paladin Self-Propelled Howitzer, provides the capabilities needed to support additional combat vehicle, artillery, and small arms workload with minimal requirements other than specialized equipment required for those additional systems, which can be easily transferred. No other Department of Defense maintenance facility can compare to Anniston in this regard.

Anniston already performs 100% of the Marine Corps M1A1 Abrams tank depot overhaul workload. This equates to approximately 15% of the total workload at both Marine Corps Logistics Base (MCLB) Maintenance Centers combined. The two MCLB Maintenance Centers support many of the same weapons systems as Anniston, but on a much smaller scale. Anniston has the capacity, infrastructure, skills, and technologies to easily accommodate this additional work. Also, with the transfer of special test equipment, Anniston could accommodate and support the amphibious vehicle systems used by the Marine Corps such as the Amphibious Assault Vehicle (AAV), Light Armored Vehicle (LAV), and the Advanced Amphibious Assault Vehicle (AAAV), which will replace the AAV in the Marine Corps fleet.

Capacity Comparison

A major consideration in consolidating weapon system maintenance missions must be the receiving installation's capacity to accommodate and support the work. Anniston Army Depot is the only Department of Defense maintenance facility with the capacity and infrastructure to accommodate and support a consolidated DoD combat vehicle, artillery, and small arms maintenance mission. Anniston's capacity is more than the combined capacities of the other three DoD installations that currently perform depot level maintenance on combat vehicles, artillery, and small arms weapons systems.



**Total Capacity Among DoD Installations Performing Combat Vehicle, Artillery,
and Small Arms Maintenance Workload**

Furthermore, Anniston Army Depot's capacity will be increased with construction of the Powertrain Flexible Maintenance Facility in 2005. Anniston has additional industrial expansion capabilities that could increase capacity even further.

Based on the peacetime (prior to Operation Iraqi Freedom) workloads, Anniston can accommodate and support all Department of Defense combat vehicles (tracked or wheeled), artillery systems, and small arms workload within planned (funded) and available expansion facilities while staying within the goal of 85% capacity utilization. Anniston will have the capacity to increase first shift operations to support surges in workload. Additional shifts and/or overtime will provide even more capacity to support workload surges during mobilization. No other DoD installation can match Anniston in this regard.

Transfer of Existing Public-Private Partnerships

Existing public-private partnerships supporting weapons systems at other DoD locations can be transferred intact to Anniston Army Depot. Anniston's vast knowledge and experience in public-private partnering agreements will make these transitions seamless and prompt. As stated earlier in this document, Anniston Army Depot is the leader among DoD installations in partnering with private industry. General Dynamics Land Systems, United Defense, L.P. and Honeywell are current partners of Anniston on multiple agreements involving many weapon systems including the Stryker Vehicle, M1A1 Abrams Tank, M113 Family of Vehicles, M93 Fox NBCRS Vehicle, M109A6 Paladin Self-propelled Howitzer, M88A2 Hercules Recovery Vehicle, and the AGT1500 Turbine Engine (M1A1 Abrams Tank). These private contractors have operations on

Anniston Army Depot and are a true source of surge support through partnering, but unrecognized by Department of Defense methods of calculating capacity and capacity utilization.

Industrial Expansion Capabilities

Anniston Army Depot has industrial expansion capabilities available to accommodate and support multiple weapon system platforms. The Industrial Expansion Complex at Anniston Army Depot will be a new state-of-the-art production facility, capable of supporting multiple weapon system platforms. The complex will be constructed in the location of four existing warehouses in Anniston's East Area Nichols Industrial Complex, encompassing the warehouses as well as the current outdoor space between. This complex will be a flexible maintenance facility, enabling Anniston to accommodate multiple weapon system platforms for the current, interim, and objective force.

Cost Considerations

The cost to consolidate all Department of Defense combat vehicle, artillery, and small arms weapon systems at Anniston Army Depot is minimal when compared to the cost to consolidate this workload at any of the other installations that currently support these missions. Anniston has by far the largest infrastructure and most specialized equipment and facilities due to the wide range of weapons systems currently supported at Anniston. The cost to facilitate other installations, and transfer specialized equipment from Anniston, would be several times greater than the cost to consolidate the workload at Anniston.

Summary

Assuming the transfer of specialized equipment, Anniston Army Depot has the infrastructure, equipment, technologies, and skills required to accommodate and support a consolidated Department of Defense combat vehicles, artillery, and small arms weapons maintenance mission. Anniston's maintenance capabilities and capacity are flexible and can support new weapon system workload with minimal effort.

Anniston Army Depot is the only installation that can accommodate all Department of Defense combat vehicles, artillery, and small arms workload within available expansion facilities while staying within the goal of 85% capacity utilization. Support from jointly located private defense partners will be available to help Anniston meet surges in workload requirements during wartime if needed. No other installation has the level of support from jointly located private defense partners as exists at Anniston.

SECTION IV.

CONCLUSION

It is clear that Anniston Army Depot is the only installation within the Department of Defense capable of supporting a consolidated combat vehicle, artillery, and small arms workload. Anniston's internal capabilities, along with those of jointly located private defense partners, makes Anniston a prime location for consolidation of DoD Combat Vehicles, Artillery, and Small Arms weapon systems.

- **Consolidation of DoD combat vehicle, artillery, and small arms workload at Anniston Army Depot is in direct agreement with the Secretary of Defense directives for BRAC 2005.**
- **Anniston Army Depot has the infrastructure, skills, and technologies needed to support all DoD combat vehicle, artillery, and small arms weapons systems.**
- **Anniston can accommodate all DoD combat vehicle, artillery, and small arms workload within available expansion facilities while staying within the goal of 85% capacity utilization.**
- **Anniston Army Depot is by far the least cost option for consolidation of DoD combat vehicle, artillery, and small arms maintenance missions.**

Industrial Expansion Capabilities

◆ 597,766 Sq Ft
◆ Minimal Cost

ANAD Industrial Operations
DDAA Storage Facilities

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SUPPORTING AMERICA'S WARRIORS

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Also within the industrial complex are a number of DLA ground level warehouses that are ideally suited for conversion from storage warehouses....

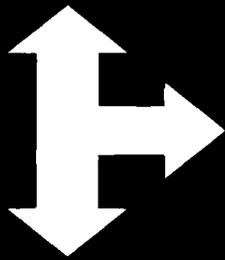
... to an industrial complex with high rise connectors capable of supporting any type of combat or tactical vehicle workload within Anniston's industrial mission

**Benefits Resulting from
the Consolidation of
Depot Level Maintenance of
Combat Vehicle, Artillery, &
Small Arms Weapons Systems
at Anniston Army Depot**

Benefits of Consolidating DoD Combat Vehicle, Artillery, and Small Arms Depot Level Maintenance at Anniston Army Depot:

- ◆ **Reductions of Excess Infrastructure
and Costs**
- ◆ **Improved Operating Efficiencies
and Reduced Costs**

Excess Capacity



Excess Infrastructure

**Savings
Associated With
Reductions in
Infrastructure by
Consolidating
Workload**

EXCESSIVE COSTS!

**Workload vs.
Capacity**

TOTAL DOD COMBAT VEHICLE, ARTILLERY & SMALL ARMS	=	
ANAD CAPACITY		
WORKLOAD		

FY06

FY07

FY08

FY09

- Capacity and Workload Source: JDMAG
- Maximum Potential Capacity = Maximum Capacity a Depot Can Achieve on a 1-8-5 Workshift with No Restrictions on Equipment or Personnel

Annual Cost Savings Resulting from Consolidation of Combat Vehicle, Artillery, & Small Arms Workload at Anniston Army Depot

Cost of Performing Projected FY 07 ANAD Workload of 2.673 M DLHs

WHICH EQUATES TO...

- 113 M1A1 Tanks
- OR
- 115 M88A1 Recovery Veh.
- OR
- 563 M1 Turbine Engines
- OR
- 147 M109A6 SP Howitzers
- OR
- 600 M577A2 Vehicles
- OR
- 126 M60 AVLB

\$92.4 MIL

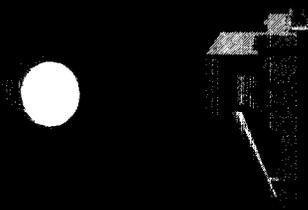
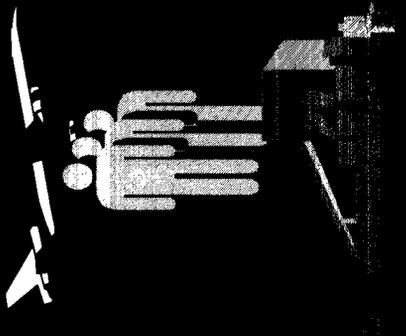
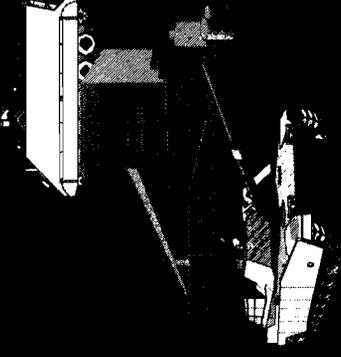
COST OF WORK PERFORMANCE \$MIL

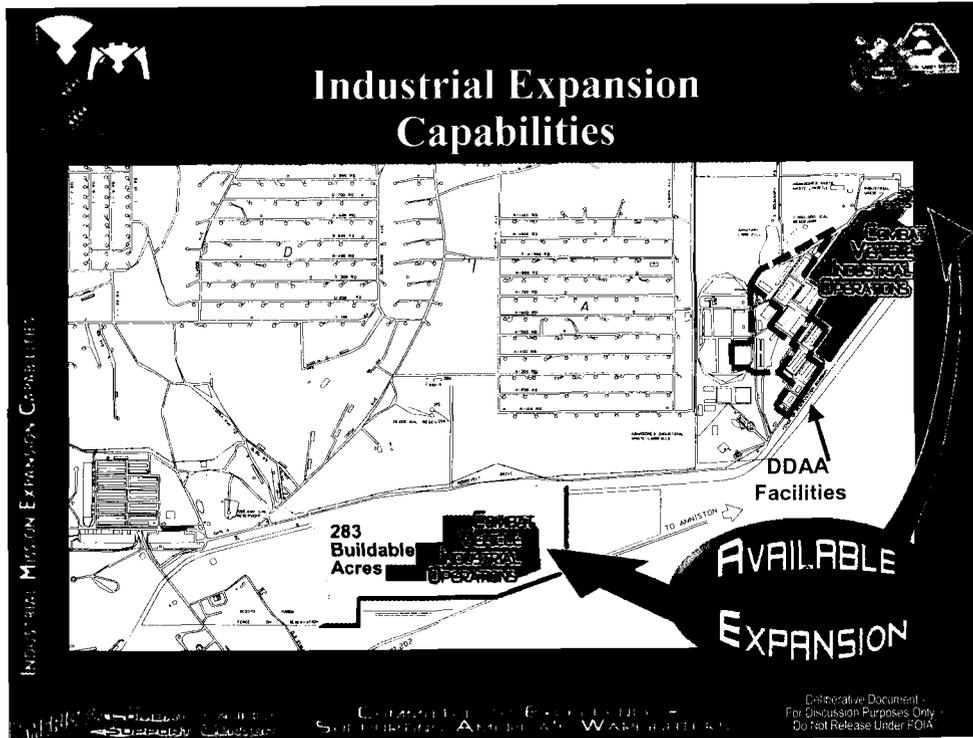
RATE = \$144.02/HR
RATE = \$178.55/HR
COST = \$384.9 MIL
COST = \$477.3 MIL

CONSOLIDATED WORKLOAD NON-CONSOLIDATED WORKLOAD

Based On FY 07 Projected Workload (Source: JDMAG)

Weapon System Readiness Improvements During Mobilization/Wartime

 <p>PEACETIME</p>	 <p>MOBILIZATION/ DEPLOYMENT</p>	 <p>DEPOT FORWARD</p>	 <p>RECONSTITUTION</p>
<p>Consolidation = Improved Readiness</p>	<p>Technicians w/ toolboxes provide quick support to field units preparing equipment/systems for deployment.</p>	<p>Depot technicians & craftsmen set up depot-forward in theater of operation. Depot produces components & subassemblies for shipment to theater of operation.</p>	<p>Weapon systems/end items process through depots in route to home station. (Not time sensitive)</p>



Real estate expansion is available through 283 buildable acres ... This area is slightly larger than the entire existing industrial complex... And lies within the depot's southern boundary – ideally located between the Norfolk Southern Railroad and the newly five-laned highway 202. Location to depot and industrial partners' operations, utilities, and transportation adds to the attractiveness of this valuable expansion property.

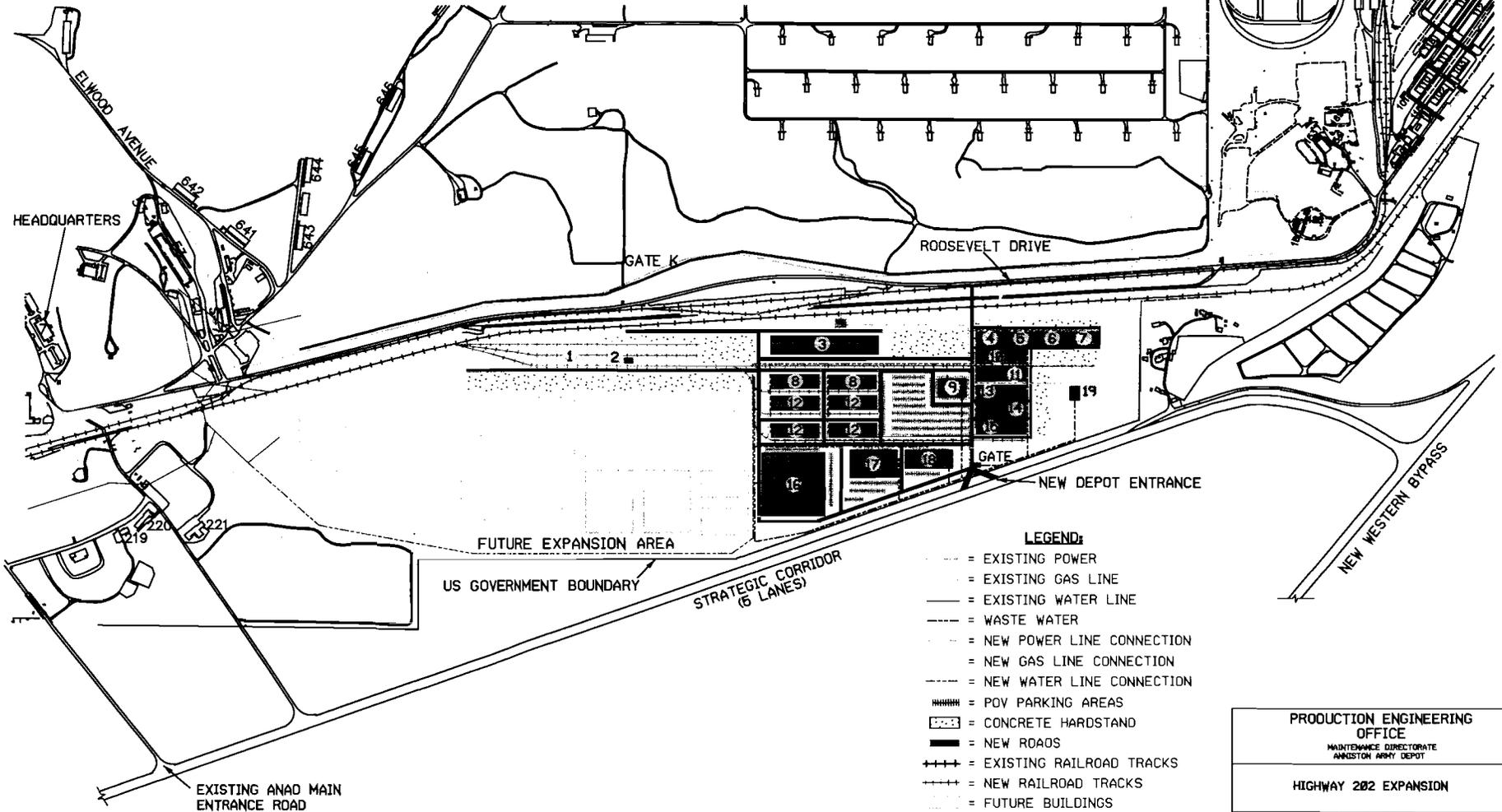
- 1 = NEW RAIL YARD
- 2 = 75 TON CRANE
- 3 = VEHICLE SWIM POND
- 4 = COMPOSITE REPAIR FACILITY
- 5 = MOTOR/GENERATOR REPAIR
- 6 = STRYKER REPAIR FACILITY
- 7 = FORGE/CASTING FACILITY

- 8 = COMPONENT STORAGE WAREHOUSE
- 9 = ANAD ADMINISTRATIVE FACILITY
- 10 = COMPONENT STORAGE WAREHOUSE
- 11 = FUTURE SMALL ARMS FACILITY
- 12 = VEHICLE STORAGE WAREHOUSE
- 13 = COMPONENT STORAGE WAREHOUSE
- 14 = ROBOTICS FACILITY

- 15 = ENGINEERING PROTOTYPE FACILITY
- 16 = FCS FACILITY
- 17 = INDUSTRIAL PARTNER FACILITY
- 18 = INDUSTRIAL PARTNER FACILITY
- 19 = NEW SEWAGE TREATMENT PLANT

NICHOL'S INDUSTRIAL COMPLEX
(EAST AREA)

NORTH



LEGEND:

- - - = EXISTING POWER
- - - = EXISTING GAS LINE
- - - = EXISTING WATER LINE
- - - = WASTE WATER
- - - = NEW POWER LINE CONNECTION
- - - = NEW GAS LINE CONNECTION
- - - = NEW WATER LINE CONNECTION
- ||||| = POV PARKING AREAS
- = CONCRETE HARDSTAND
- = NEW ROADS
- +++ = EXISTING RAILROAD TRACKS
- +++ = NEW RAILROAD TRACKS
- = FUTURE BUILDINGS

PRODUCTION ENGINEERING OFFICE MAINTENANCE DIRECTORATE ANNISTON ARMY DEPOT		
HIGHWAY 202 EXPANSION		
DRAWN BY: STAN VAUGHN DATE: 30 MAR 84	SCALE: NTS SHEET: OF	DWG. NO.: PMD-1450



Depot receives \$1 million for factory design

By Matthew Korade
Star Senior Writer
11-16-2003

The Anniston Army Depot has received \$1 million from Congress to build a central factory for repairing tank and armored vehicle engines.

The factory will combine many of the depot's engine repair shops under one roof, improving production and helping the depot meet expected workload increases from the war in Iraq. Currently, operations are scattered in 10 buildings.

The \$1 million, which will pay for the design of the factory, possibly paves the way for the depot to receive millions more for construction in 2005 – earlier than expected. The factory is expected to cost between \$25 and \$33 million to build, officials said.

The new facility would improve the depot's chances of surviving the upcoming round of base realignment and closures, officials said.

"This is one of the most exciting developments at the depot in over two decades and helps put us in a significantly more competitive position for the next 60 years," said Jesse Poor, deputy to the depot commander.



The money came from the Military Construction Appropriations Act of 2004, which passed the House and Senate Wednesday. The bill includes about \$60 million for construction projects in Alabama.

It now goes to President Bush for approval.

Officials, including Sen. Richard Shelby, R-Mobile, and 3rd District Congressman Mike Rogers, R-Anniston, said they were pleased the money was allocated. Last year, Congress appropriated \$600,000 for initial designs of the building.

"This will be helpful to our military, and I was glad to assist (the depot) in moving the project forward," Rogers said.





Two new roads will make depot more accessible

By Matthew Korade
Star Senior Writer
01-11-2004

The state is building two four-lane roads to bring easier access to the Anniston Army Depot.

One, which Gov. Bob Riley announced on his visit to the depot Wednesday, will run about a mile from the depot's main gate to Alabama 202. The other, which was already planned, will pick up there and connect to the Western Bypass.

The wider route will allow depot trucks and armored vehicles to deploy quickly and bypass a pair of rickety bridges on Alabama 202.

Improving the infrastructure used by the depot is part of Riley's plan to protect the base from BRAC, or base realignment and closure, in 2005.

Wednesday, the governor asked the community how else the state could add to the depot's value. Local leaders asked for signs showing drivers the directions and distance to the depot.



"When you're looking at a major industrial operation in our area, you want to make sure everyone knows how to get there," said Nathan Hill, military liaison for the Calhoun County Chamber of Commerce.

Local residents were happy to hear the news of the new access road to the depot Wednesday, saying it will improve the base's chances in BRAC 2005.

Another highway that leads to former Fort McClellan is about half completed. Called the Eastern Parkway, it will ferry drivers from I-20 to U.S. 431, passing through McClellan along the way.

"I don't have anything against the bypass," local resident Joe Worsham said. "But I think you'll find that going out there toward the depot is just as important for the community."



Transforming Anniston's depot: President puts \$23.6 million for a new maintenance plant in fiscal 2005 budget

**By Matthew Korade
Star Senior Writer
02-02-2004**

President Bush has put \$23.6 million for a new maintenance plant at the Anniston Army Depot in his fiscal 2005 budget. The money was moved forward from fiscal 2007 at 3rd District Congressman Mike Rogers' request.

If the budget item is passed into law, it will mean the transformation of the depot into a facility that is better than state-of-the-art, officials said. The fact that the money was moved forward also bodes well for the depot in the 2005 round of base cuts, they added.

"Obviously, I'm thrilled that we've got this in the budget," Rogers said. "It's a lot of money."

Rogers helped secure the money by getting \$1 million from the Secretary of the Army for the facility's design.

Once that was in hand, it was easier to persuade the Army to release the other \$23.6 million early, Rogers said.

The new, 150,000 square-foot factory will bring the depot's engine-rebuilding operations, now scattered in 10 buildings, under one roof. It will offer cutting-edge technology and room for growth.

Rogers and local officials said the depot would be poised not only to survive BRAC, or base realignment and closure, but also to absorb work from other installations that close. It would also be positioned to capture contracts for future weapons systems.

"It is going to be a pivotal time for us," Rogers said.

Originally, Pentagon officials told him it would be impossible to get the money early.

But in a Dec. 11 letter to Office of Management and Budget Director Joshua Bolton requesting the accelerated funding, Rogers explained the \$1 million in design money already had been received. The strategy worked.

"I'm proud of it, and I'm proud of our community," Rogers said. "This is just so important for all those families who are depending on the installation for their jobs."



If President Bush's \$23.6 million budget item is passed into law, it will mean a new maintenance plant for Anniston Army Depot. Photo: Special to The Star



Transforming Anniston's depot: President puts \$23.6 million for a new maintenance plant in fiscal 2005 budget - Continued

It became his No. 1 priority after talking to depot officials, he said. They said the plant will be a marvel of technology and efficiency.

It is the first major construction project the depot has seen in 12 years, said Nathan Hill, the military liaison for the Calhoun County Chamber of Commerce.

It will be outfitted for new weapons systems, thus it will fit in with the Department of Defense's plans for a leaner, more lethal fighting force – and that is part of the BRAC criteria for estimating a facility's value, Hill said.

"It does do those things that they're looking for in the bases that they want to retain," he said.

Jesse Poor, the deputy to the depot commander, said he was surprised by the news that the funding had been advanced. The Army has not invested much in capital improvements in recent years, he said.

"To be able to pull in this size project at this point in time, it amazes me, and I've been in this business 35 years," Poor said.



It says a lot about the kind of support the depot has received from local congressmen, he said.

"It's quite a feat," he said.

The facility will mark a new industry standard, Poor said. It will be able to change from one type of production to another almost automatically.

For the depot, which does work on as many as 20 types of engines and transmissions, the efficiency gained will be phenomenal, Poor said:

"This is one leap ahead."

