



# Iraq Reconstruction Update

## A Weekly Construction & Sustainment Report

05.19.06



### 101<sup>st</sup> Provides Survey Team Security



**SADR YUSUFYAH, Iraq** - Soldiers from the 101<sup>st</sup> Airborne Division provide security for a reconstruction survey team in Sadr Yusufiyah. The survey determined how much work needs to be done to complete a power plant started by Russians in 2001. (Photo by Staff Sgt. Kevin Moses Sr.)

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### Commentary

#### Stabilizing, Rebuilding, Developing

Read the latest commentary from General Casey, Commanding General, Multi-National Force – Iraq concerning the “keys to stability”.

Read the commentary on page 2.



General George W. Casey Jr.

### Project Dispatches

#### Baghdad Province Sees Additional Distribution Network



Construction is complete on an electrical distribution network in Karkh, Baghdad Province. The \$1M project was completed last week. The project scope included installing, testing and placing two new 33kV underground feeders to various regional substations. The completed project benefits more than 260,000 residents.

#### Road Repair Project in Taji Completed

A roadside repair project (Route Cobra) in Taji, Baghdad Province has been completed. The \$2M project finished up in early May. The project provided for the surface repair and cleaning of more than 85km of the road. This improved roadway will benefit approximately 53,000 residents.



#### Completed Kadamiyah Sanitation Facility to Serve 200,000

Construction is complete on the rehabilitation of a sewer station in Kadamiyah, Baghdad Province. The \$433,000 project was completed on May 8<sup>th</sup>. The project included the construction of a new 661-meter line that will move sewage out of the Kadamiyah neighborhood. The completed project improves service to more than 200,000 residents. Rehabilitated water and sanitation infrastructure provides safe drinking water and reduces the transmission of water-borne disease.

#### Taji Has Newly Refurbished School



The refurbishment project on the Ibn Hajar School in Taji, Baghdad Province is complete. The \$108,000 project was completed last week. The project provided all the materials, equipment and labor to repair and restore the sewage system, electrical system components, classrooms, common areas and offices. Two new classrooms, a guard room and a new student restroom were constructed. This renovation provides a better educational environment for approximately 300 children.

**Iraq Quick Fact:** Nineteen large potable water treatment plants have been rehabilitated or constructed, including a 227,000 cubic meter expansion of the Shark Dijayl Water Treatment Plant in Baghdad.

Source: Multi-National Force – Iraq Website





## COMMENTARY: Stabilizing, Rebuilding, Developing

By U.S. Army Gen. George W. Casey  
Multinational Force-Iraq Commanding General



BAGHDAD, May 15, 2006 — The keys to stability in Iraq lie in unity, security and prosperity. Iraqis are making steady progress toward these goals. The formation of a unity government that upholds the voice and resolve of all Iraqi people will set the stage for efforts to diminish the violence and improve security, as well as enhance economic and cultural well-being. Iraqi Prime Minister-designate Nouri Al-Maliki is guiding the Iraqi effort to form an effective national unity government and create the positive political environment for long-term security and prosperity.

He proposed four pillars of government that will contribute to a more stable and prosperous Iraq: promote reconciliation, secure key cities, create confidence in security institutions, and rid Iraq of unauthorized military groups. A growing number of Iraqi leaders and citizens support these sound pillars of progress and are encouraged by the building momentum toward a representative and responsive government that meets the needs of all Iraqis. Iraqi Security Forces, supported by coalition partners, are working to implement these pillars. Border security continues to improve and efforts to protect key cities are intensifying. With the tips and support of Iraqi citizens, ISF are taking action against armed gangs, unlawful militia, and terrorist supporters. The vast majority of Iraqis continue to oppose terrorists and insurgents, choosing instead to restore the rule of law and legitimate political dialogue.

Iraqis are hopeful about their future. They have emerged from the yoke of a brutal dictatorship and are determined to realize their full potential as a unified and prosperous nation, secure from the threats of terrorism. Their courage and commitment to overcome years of neglect and oppression is undeniable, evidenced in the broad voter turnout in national elections, investment in agriculture and business ventures, support to Iraqi Security Forces, and expanding involvement in local government. Political and economic efforts are beginning to bear fruit for all Iraqis. While challenges lay ahead, Multinational Force-Iraq and our partners in the Iraqi government remain steadfastly committed to the democratic principles of unity, security and prosperity for all Iraqis.

## The Rebirth of Tall 'Afar

Story & Photo by Polli Barnes Keller  
Gulf Region North  
U.S. Army Corps of Engineers

MOSUL, Iraq - Many people write letters to the President of the United States. But how many get enough attention to be read into the records of Congress? A letter written by the Mayor of Tall 'Afar, Najim Al-Jibouri, did just that.

Najim's letter was one of thanks and a plea for continued help with the reconstruction of his city. Tall 'Afar was a main base of operations for insurgents in northern Iraq. In his letter to the President, the Mayor indicated the insurgents had, "held the city hostage." Thanks to the U.S. Army's 3rd Armored Cavalry Regiment working with Iraqi forces the city was liberated and reconstruction began.

Due to years of neglected infrastructure and war, power lines were in need of repair; debris and rubble made the streets impassable. Sewer lines were broken and raw sewage flowed freely into the streets, while water systems remained dormant.



*Drill workers are busy digging water wells in local neighborhoods.*

However, the process has begun and a normal life for the citizens of Tall 'Afar does not look so far away.

Director Generals (DG) from each ministry developed a list of project needs for Tall 'Afar.

**Story continued on page 4**





## Eye on Iraq: Photo Roundup



*Iraqi soldiers walk across oil pipelines to attend training in Dibbis. The Iraqis are part of a task force that guards oil pipelines extending from Kirkuk through surrounding north-central Iraq. (Photo by Journalist 1st Class Jeremy L. Wood)*



*Children celebrate the opening of a new well in Tall 'Afar. The well is one of three being built in the city to boost its water supply. (U.S. Army Photo)*



*Soldiers with 8th Iraqi Army Division Explosive Ordnance Disposal and U.S. Navy Explosive Ordnance Disposal technicians from Multinational Division - Central South prepare to dispose of piles of unexploded ordnance in Diwanayah. (U.S. Army Photo)*



*Iraqi women line up to receive humanitarian assistance boxes. Soldiers from 101st Airborne Division's 3rd Battalion, 67th Armored Regiment provided donated supplies to residents of Kamaliya. (U.S. Army Photo)*



*Spc. Gregory Carter checks the framework during the beginning of construction for a playground in Abraham Jaffas. U.S. and Iraqi soldiers and civilians helped assemble the playground set. (U.S. Army Photo)*



*Capt. Edward Barnes, a surgeon with the 4th Infantry Division, treats an Iraqi man for an eye problem during a Community Health Outreach Program that brought medical aid and medicine to more than 50 Iraqis who have no medical resources. (Photo by Photographer's Mate 1st Class Michael Larson)*





## Al-Anbar Health Care Center Destroyed

By J. Anajar  
Gulf Region Division  
U.S Army Corps of Engineers

BAGHDAD - Insurgents destroyed a nearly completed medical facility being constructed in Albu Ubeid, northeast of Ramadi in Al- Anbar Province. The facility would have had the capacity to offer medical and dental care to 150 patients daily.

The two-story, 1155-square-meter structure had facilities for a medical laboratory, x-ray department, pharmacy and medical and dental exam rooms. The structure was awaiting installation of furniture and equipment to make it a complete and usable facility.

Seven masked terrorists rigged the building with explosives after threatening security guards at gunpoint and later removed them from the building.

"This is a loss for every family in this small community," said Lt. Cmdr. Mathew McCann who is attached to the Army Corps of Engineers. "This community deserves quality health care but the insurgents obviously don't care about the people of Iraq," McCann added.

### Before



### After



## The Rebirth of Tall 'Afar...Story Continued

The U.S. Army Corps of Engineers and other coalition parties are working with Tall 'Afar's Local Reconstruction Committee to rebuild the city. One specification agreed upon, was all contractors and employees must come from Tall 'Afar. The DGs and associated committees are working diligently to get the contracts signed and the work started. To date, seventeen projects have been announced.

Signs of reconstruction are apparent throughout the city. Workers from Tall 'Afar Electric can be seen perched high on ladders repairing electrical lines while drill workers are busy digging water wells in local neighborhoods. Curious children watch as the drill digs deep into the earth in search of water. Workers sit quietly on the side of the road taking a break from the laborious job of paving streets and roads; meanwhile Mayor Najim attends the grand opening of a neighborhood water well.

What does this mean to the city? It means no more overcrowded classrooms and no more split schedules for the students. As it stands now, the classrooms are not large enough for all the children to attend at once.

A split schedule was devised to ensure all children have the opportunity to receive an education. Some children attend classes the first half of the day, while the other children attend the latter half.

Tall 'Afar Electric is working throughout the city repairing damaged wires caused by decay and the ravages of war. The Water DG is moving forward. He reviewed, revised and re-issued the required specifications for pumps on a water project, calling for new tanks, two engine generators (630kV) and connections to the electrical power grid. Drilling equipment can be seen in many neighborhoods as new wells are brought to fruition. Fresh water is returning to neighborhoods.

A sanitation project designed to impact the economy through job creation is scheduled to commence within days. It divides the city into seven sectors. Two hundred and fifty employees from each sector will pick up trash and debris for 90 days. This project will not only help to clean the streets of Tall 'Afar but gives pride to those who live within the city.

The citizens of Tall 'Afar are proud of their city and want to reclaim the beauty and heritage it once possessed before the war entered its city limits.





## Video Interview Downloads: Date Palm Aerial Spraying

Aerial spraying operations managers talk to a reporter about their role in date palm spraying and the importance of the mission.



Capt. Rodric Pauletto  
4th Infantry Division Aviation

View:  
<http://www.dvidshub.net/vjump.php?vid=13456>

Mr. Rady  
Iraqi



View:  
<http://www.dvidshub.net/vjump.php?vid=13455>



Mr. Michael Douglas  
Director, Skylink Arabia

View:  
<http://www.dvidshub.net/vjump.php?vid=13454>

## World Bank to Re-Open in Iraq

Compiled from World Bank News Release No:2006/412/MNA



WASHINGTON - World Bank officials said the bank will establish a permanent office in Iraq. The move is designed to help the organization play a more central role in donor coordination.

The country director would be based in the International Zone.

In a briefing to the World Bank's Executive Directors, Joseph Saba, Country Director of the Middle East Department, said up to four international employees would be appointed for the office, which has until now been managed by a consultant contract.

Saba said the World Bank's offices would be in the same building as the Iraqi Ministry of Planning and the Ministry of Finance.

To view the entire "World Bank To Strengthen Existing Presence In Iraq" release: <http://www.worldbank.org/>

## Station Provides Fire Protection to 750,000

by Lisa J. Anderson  
U.S. Army Corps of Engineers

ALI AIR BASE, Iraq – After more than 50 years of neglect and disrepair, the Al-Musharra Fire Station in the Al-Amarah province is now a fully functioning, integral part of the community.

Located near the Tigris River, the structure was weakened by the high ground water table. Crumbling walls and floors, a polluted water storage tank and decayed roof tiles were just a few of the reconstruction problems. New joists and wall supports, roof tiles and floor tiles were installed to bring vitality back to the building.



The Al-Musharra Fire Station has been restored to a fully-functioning support facility for Al-Amarah residents. (U.S. Army Corps of Engineers Photo)

In addition, new electrical, water, sewage and air conditioning systems were installed and a sleeping quarters, kitchen area and general-use room were built to accommodate the nine fire fighters based there. The station now provides vital fire detection and prevention to more than 750,000 Al-Amarah residents. The renovation began on Nov. 28, 2004 and was completed recently at a cost of \$110,000. The project was funded by the Iraqi Relief and Reconstruction Fund.



An embedded water storage tank is now a viable water source for fire trucks at the Alit-Musharra station. (U.S. Army Corps of Engineers Photo)





## A Comparative History of US Reconstruction Efforts: The Marshall Plan

Compiled by: Ron Eschmann  
Iraq Project & Contracting Office

The United States has participated in numerous post-conflict reconstruction efforts with defeated or allied nations during its history. This comparative summary covers a few reconstruction efforts that more closely reflect our current efforts in Iraq. Not all the conflicts and nations selected follow the same criteria exactly. U.S. involvement in nations such as Somalia, Haiti and Bosnia was really humanitarian in nature and less reconstruction.

### The Plan

Much of Europe lay in ruins in the aftermath of World War II. There was little money for reconstruction and there was little hope. The winter of 1947 was especially brutal. Snow and bitter cold swept across Europe, and many items were in short supply: food, fuel, housing, jobs and even clothing. But then something that Winston Churchill would call the "most unsordid act in history" happened -- it began with a Harvard University Commencement speech on June 5, 1947.



Then Secretary of State George C. Marshall, in a 1200-word address, proposed a massive assistance program to rebuild Europe. Few of those listening to Marshall's flat delivery realized that he was charting a bold new course in American foreign policy. Instead of dictating the way the money would be spent, the United States forced the Europeans to handle their own recovery, to sit down together and come up with a coordinated plan for using the assistance.

Congress overwhelmingly passed the Economic Cooperation Act of 1948, and on April 3, 1948, President Truman signed the act that became known as the Marshall Plan. Over the next four years, Congress appropriated \$13.3 billion for European recovery. This aid provided much needed capital and materials that enabled Europeans to rebuild the continent's economy.

### George C. Marshall: The Marshall Plan in His Own Words



-- "I need not tell you that the world situation is very serious. People in the cities are short of food and fuel and in some places approaching the starvation level. The truth of the matter is that Europe's requirements are so much greater than her present ability to pay that she must have substantial additional help or face economic, social, and political deterioration of a very grave character."



-- "Our policy is directed not against any country or doctrine, but against hunger, poverty, desperation, and chaos."



-- "I worked on that as hard as though I were running for the Senate or the Presidency. It wasn't the idea of the so-called "Marshall Plan." There's nothing so profound in the logic of the thing. But the execution of it, that's another matter. That's the thing I take pride in-- putting the damn thing over."



-- "Long-standing commercial ties, private institutions, banks, insurance companies and shipping companies disappeared through the loss of capital, absorption through nationalization or by simple destruction."

-- "You know far better than I do the political difficulties involved in this program, but there's no doubt whatever in my mind that if we decided to do this thing, we can do it successfully, and there's also no doubt in my mind that the whole world hangs in the balance."

-- "It is logical that the United States should do whatever it is able to do to assist in the return of normal economic health in the world, without which there can be no political stability and no assured peace."

-- "Its purpose should be the revival of a working economy in the world so as to permit the emergence of political and social conditions in which free institutions can exist."

The above material was extrapolated from State Dept. documents and transcripts from the PBS program "Newshour" originally aired in a June 1997.



# Iraq Reconstruction Update



## Projects at a Glance (As of: May 12, 2006)

Compiled by Katie Wall, PCO

- \$8.567 billion has been disbursed, representing nearly 64% of total funds
- 2,745 projects starts (out of 3,077 planned projects). This number includes 359 projects funded under the Development Fund Iraq (DFI)
- 2,234 projects are complete, including 331 that are funded under the DFI

Reconstruction Sector	Project Type	# Under Construction*	# Completed*
<b>Health &amp; Education</b>	Schools	12	834
	Primary Health Care Centers	135	18
	Hospital Projects	3	20
	Public Buildings	5	51
<b>Public Works &amp; Water</b>	Potable Water Projects	72	201
	Sewer Projects	7	34
<b>Security &amp; Justice</b>	Fire Stations	8	72
	Military Base Projects	12	57
	Police Facilities	26	307
<b>Transportation &amp; Communication</b>	Railroad Stations	5	81
	Village Roads	35	90
	Ports Projects	2	4
	Postal Facilities	5	23
	Airport Projects (FAA certified ready)	6	9
	Expressways	3	0
<b>Electricity</b>	Distribution Projects (including Substations)	90	141
	Transmission Projects	27	12
	Power Generation Projects	0	20
<b>Oil</b>	Dedicated Power Plants	2	3
	LPG/LNG Plant Refurb	5	0

\* Note: Project numbers include projects funded by the Iraq Relief and Reconstruction Fund and the Development Fund Iraq and managed by GRD/PCO.

Source: Multiple PCO Management Reports





## Sector Overview: Current Status – End State

Compiled By: John Daley, PCO

As of: May 12, 2006



Sector	Current Status	End State
<b>Electricity</b>	<p>1,431 MW capacity added</p> <p>Increased Power Generation to 1294K Homes</p> <p>Improved Electricity Distribution to approximately 250K Homes</p>	<p>1,562 MW capacity added (2,679 for all USG projects)</p> <p>Increased Power Generation to 1,400K Homes</p> <p>Improved Electricity Distribution to approximately 670K Homes</p>
<b>Oil</b>	<p>2.5 Million Barrels Per Day (MBPD) production capacity</p> <p>2.16 MBPD produced</p> <p>Natural Gas Production Capacity of 600M standard cubic feet/day</p>	<p>3.0 MBPD crude oil capacity</p> <p>Natural Gas Production Capacity of 800M standard cubic feet/day</p>
<b>Water &amp; Sewer</b>	<p>Added 117,000 cubic meters per day of water treatment capacity (benefits an estimated 880,000 Iraqis)</p>	<p>Additional 1,193,000 cubic meters per day of water treatment capacity (will benefit approximately 5.6 million Iraqis. All USG projects will benefit 9.33 million Iraqis)</p>
<b>Health</b>	<p>18 primary healthcare centers completed out of 153 planned</p>	<p>Population of 5 to 6.5 million Iraqis served in completed primary healthcare centers</p>
<b>Education</b>	<p>834 schools providing classrooms for 325,000 students</p>	<p>847 schools providing classrooms for 330,000 students</p>
<b>Security &amp; Justice</b>	<p>307 police facilities completed</p> <p>23 courthouses/prisons completed</p> <p>138 border forts completed</p>	<p>335 police facilities</p> <p>40 courthouses/prisons</p> <p>148 border forts</p>
<b>Transportation</b>	<p>180 Kilometers (KM) or 58% of planned improved village roads</p> <p>Provided emergency response dispatch system ('911' service) covering 5.8 million citizens of Baghdad</p>	<p>424 KM of improved village roads</p> <p>157 KM of improved major roads</p> <p>Provide emergency response dispatch system ('911' service) covering 12 million Iraqis in 15 cities</p>

**Note:** Project numbers include projects funded by the Iraq Relief and Reconstruction Fund and the Development Fund Iraq and managed by GRD/PCO.

Source: Multiple GRD-PCO Management Reports





## A Reconstruction Partnership

	<p><b>Office of the Assistant Secretary of the Army (ASA) for Acquisition, Logistics and Technology (ALT)</b>  <a href="https://webportal.saalt.army.mil/main/aae.htm">https://webportal.saalt.army.mil/main/aae.htm</a>                  Assistant Secretary: <i>The Honorable Claude M. Bolton, Jr.</i>                  Principal Deputy to the ASA (ALT)/Director of Iraq Reconstruction and Program Management: <i>Mr. Dean Popps</i></p>
	<p><b>US Army Corps of Engineers - Gulf Region Division</b> <a href="http://www.grd.usace.army.mil/index.html">http://www.grd.usace.army.mil/index.html</a>                  Commanding General: <i>Maj. Gen. William H. McCoy, Jr.</i></p>
	<p><b>Iraq Project &amp; Contracting Office</b>  <a href="http://www.rebuilding-iraq.net">http://www.rebuilding-iraq.net</a>                  Director- Baghdad: <i>Maj. Gen. William H. McCoy, Jr. (dual-hatted GRD-PCO)</i>                  Deputy Director for Reconstruction: <i>Ms. Kathye Johnson</i>                  Director-Washington: <i>Mr. James M. Crum</i></p>
	<p><b>Joint Contracting Command – Iraq/Afghanistan</b>                  JCC-IA provides responsive operational contracting support to the Chief of Mission and Multi-National Corps - Iraq to efficiently acquire vital supplies, services and construction in support of the Coalition Forces and the relief and reconstruction of Iraq.                  Commander: <i>Maj. Gen. Darryl A. Scott</i></p>
	<p><b>Office of the Assistant Deputy Assistant Secretary of the Army (Policy and Procurement), Iraq</b>                  DASA(P&amp;P)-I provides the necessary administrative and contracting support to the Chief of Mission, Project and Contracting Office, Multi-National Forces, and supports the humanitarian relief, reconstruction, and security of Iraq.                  ADASA(P&amp;P)-I: <i>Mr. Lee Thompson</i></p>



### For further Iraq reconstruction and sustainment information:

- U.S. Agency for International Development: <http://www.usaid.gov/iraq>
- U.S. Department of Commerce: <http://www.export.gov/iraq>
- U.S. Embassy in Iraq: <http://iraq.usembassy.gov>
- U.S. Central Command: <http://www.centcom.mil>
- Multi-National Force – Iraq: <http://www.mnf-iraq.com>
- Multi-National Security Transition Command – Iraq: <http://www.mnstci.iraq.centcom.mil/>



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Past IRU issues can be found at: [http://www.dvidshub.net/index.php?script=pubs/pubs\\_show.php&id=201&name=Iraq%20Reconstruction%20Update](http://www.dvidshub.net/index.php?script=pubs/pubs_show.php&id=201&name=Iraq%20Reconstruction%20Update)

