



Iraq Reconstruction Report

Focusing on Construction & Sustainment

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Train Maintenance Facilities = Reliability



Maintenance facilities, like this one in At-Ta'mim Province, ensure that Iraq's trains remain operational. Dozens of train facilities have been renovated by the Gulf Region Division. The Iraqi railway stretches from southern to northern Iraq, approximately 1,260 miles of track, with railway stations appearing about every 15 miles. (Gulf Region Photo)

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Infrastructure Team Visits Tal Sumayir



Capt. Paul Grimm and an interpreter talk with a villager in Tal Sumayir about a local road project. See story on page 3.

Project Dispatches

Upgrades at Al Basrah Oil Terminal

The Al Basrah Oil Terminal Phase II upgrade (\$32 million) is 43 percent complete. The estimated completion date is April 2007. Phase II projects will install a new emergency shutdown system, control valves, fire protection, and a fiscal metering system. These upgrade will bring the oil platform up to acceptable international standards in safety and metering of crude oil loading to tankers.

Work Commences at Qarmat Ali Water Facilities

Rehabilitation of the Qarmat Ali water injection facilities (\$37 million) has started. The scope of this project is to increase throughput at Qarmat Ali Water Treatment Plant to its original capacity and increase water injection at each cluster pump station to 100% of the stations capacity.

Hospital Renovation Update

Multiple contractors are renovating 20 hospitals in several Iraqi provinces. The hospital renovations, valued at \$103 million, are 85% complete. The estimated completion date for all of the hospitals is May 2007. To date, renovations at 12 hospitals have been completed.

Three Dahuk Water Projects Complete

The Small Water Projects Program completed three more projects in Dahuk Province. These included construction of pipeline networks and building water storage tanks for the villagers of Batifa-Saida, Ormana, and Ravina. The projects will serve in excess of 1000 residents in the Province.

Railroad Maintenance Center Completed

Construction is complete on the Samawah Railroad Maintenance Center in Muthanna Province. The \$8.6 million project included upgrades/restorations to wheel and locomotive shop machinery, and welding and forging machinery. The facility will employ 250 mechanics and technicians and is the one of two important maintenance centers that provide support to the Iraqi Railroad System.



Iraq 101 — Knowledge Brief

The Iran-Iraq war officially began on Sept. 22, 1980, with an Iraqi land and air invasion of western Iran. Saddam Hussein claimed the reason for the attack was a territorial dispute over the Shatt al Arab waterway. After years of fighting, including the use of chemical gas, Iran was forced to accept a United Nations-mandated cease-fire in July 1988.

Source: Daily Western Media Analysis, SCORPION



Mahmudiyah Market Renovation

Story & Photo by Norris Jones
Gulf Region Central District
US Army Corps of Engineers

BAGHDAD — One of the top priorities for the mayor of Mahmudiyah is rebuilding his city's downtown market. "It's the heart of our community," Muayid Fadhil said. "We are going to build a new market as a memorial to those innocent men, women and children who have been killed there. It will tell the insurgents we will never give up, they cannot stop us."



Mahmudiyah market vendors are busy.

That market has been the target of numerous insurgent attacks in the past year. Currently, the U.S. Army Corps of Engineers (USACOE) is overseeing a \$245,000 project to construct new market stalls with overhead cover, and renovating storefronts along the street that have been damaged by bomb blasts and small arms fire. That work includes new doors, windows, stucco and paint, as well as new gates at each entrance of the market.

About 100,000 residents in the Mahmudiyah area (located 20 miles south of Baghdad) utilize the market and local farmers bring in their produce and meat for local consumption. It's a main economic engine of the community "and our residents really appreciate the improvements that are underway," the mayor noted. Maj. Steve Martinelli, USACOE, says the market is a gathering place where families interact. "It's a source of community pride and provides a semblance of normalcy that's great to see," Martinelli said.

A number of other projects are now underway in Mahmudiyah, including a new primary healthcare center, school renovations, new power lines, and renovation of the water treatment plant and pump station. The community also is planning to build a park a few blocks from the market that will feature an amphitheater and soccer field. Regarding the importance of such projects, Mayor Muayid concluded, "We have to fight terrorism in different ways. We need to offer alternative activities for our children that will keep them away from the insurgents." The Mahmudiyah market renovation project is expected to be completed by February.

Radio Station Opens Doors

Story & Photo by Spc. Ryan Stroud
3rd Brigade Combat Team, 1st Cav. Division Public Affairs

BALAD RUIZ, Iraq —The ribbon cutting ceremony for the Al Noor radio station, also known as the *The Light* opened its doors. "This is a great day for Balad Ruiz and its people," said Mayor Mohammed Maroof Al-Hussein, city mayor. "I think this is a new stage for our city and a new way to serve our people. This is a free station. The people can say what they want, they can speak freely."

With the help of the 5-73 Cavalry Regiment, 82nd Airborne Division, local Iraqis will now be able to hear news and get more information in their homes other than what terrorists want to put out, said the mayor. "This is a pro-government radio station that counters what terrorists are saying," said Capt. John Pratt, Company B, 404th Civil Affairs. "It also lets the people know what the coalition forces are doing in their area to help them."

Primarily farm land, Balad Ruz is currently behind in technological progress. Pratt feels this is a big chance for the government to prove to its people changes in the economy are just waiting to happen. "Even though this is mostly an agricultural community, this is proof that Balad Ruz's new government is able to take the first technological step to bettering their economy," said Pratt. "This means more jobs and growth for the community."



Balad Ruz mayor Mohammed Maroof Al-Hussein cuts the ribbon which opened the radio station doors.

"I hope this new service will encourage other cities to start stations to better serve their people," said Al-Hussein.

"This radio station is for the people," Pratt added. "It's a way to put out information about what's happening in their community to better serve the people."

Employees of Al Noor are presently sending out flyers across the city to promote the station and begin its mission of informing the people.

Iraq Reconstruction Report

Sector Overview: Current Status – Final Effects

Compiled By: John Daley, Emily LaMarsh, PCO (W)

As of: January 3, 2007

• Over \$10.2 billion of the Iraq Relief and Reconstruction Fund (IRRF) has been disbursed by DoD, representing 75.7% of total funds allocated to DoD

• 3,347 projects starts (out of 3,438 planned projects). This number includes the DoD projects funded by the IRRF and the Development Fund for Iraq (DFI)

• 2,704 projects are complete

Infrastructure Sector	Current Progress	Final Effects
Electricity	1,420 MW capacity added* Increased power generation to 1.3 million homes* Improved Electricity Distribution to approximately 372K Homes* Hours of Power: 9 Iraq, 5.4 Baghdad (last week average)	1,879 MW capacity added* (2,555 for all USG projects) Increased power generation to 1.7 million homes* Improved Electricity Distribution to approximately 822K Homes* Hours of Power: 10-12 Iraqi, 10-12 Baghdad
Oil	2.5 Million Barrels Per Day (MBPD) production capacity Approximately 2.2 MBPD actual production Liquefied Petroleum Gas (LPG) production capacity of 1,200 Tons per Day	3.0 MBPD oil production capacity LPG production capacity production capacity of 3,000 Tons per Day
Water & Sewer	Added 433,000 cubic meters per day of water treatment capacity (benefits an estimated 2.2 million Iraqis)*	1,136,000 cubic meters per day of water treatment capacity (will benefit approximately 5.2 million Iraqis*. All USG projects will benefit 8.4 million Iraqis)
Health	Eight IRRF-funded Primary Healthcare Centers (PHC) completed (six of these are open). Remaining 134 PHCs under contract. 15 IRRF-funded hospitals rehabilitation projects completed	142 PHCs serving a population of 5 to 6.5 million Iraqis 26 IRRF-funded hospital rehabilitation projects
Education	807 schools providing classrooms for 322,800 students*	810 schools providing classrooms for 324,000 students*
Security & Justice	3 Training Academy Projects 92 Fire Station Projects 262 Border Forts	5 Training Academy Projects 97 Fire Station Projects 267 Border Forts
Transportation & Communications	31 Village Road Projects (239 km) 90 Railway Station Renovations 14 Aviation Projects Provided emergency response dispatch system ('911' service) covering 12 million Iraqis in 15 cities	40 Village Road Projects (427 km) 98 Railway Station Renovations 19 Aviation Projects

Team Travels Far to Improve Village Life

Story and Photos by Spc. Amanda Morrissey
5th Mobile Public Affairs Det.

RABIYAH, Iraq — People stood in doorways and at fences, watching as a combat-ready convoy of U.S. Army vehicles rolled to a stop in the village of Tal Sumayir. As his fellow soldiers thoroughly scanned the area for possible danger, Staff Sgt. Samuel Davison walked up to a group of people and shook hands.

It was another day at the office for Soldiers assigned to the 403rd Civil Affairs Battalion, a Reserve unit out of New York. Members of the unit, stationed in Rabiayah, make it their business to visit small villages in the area to lend a helping hand to the people of Iraq.

"Our mission is to improve the infrastructure of the villages in our area of operations," said Davison, the non-commissioned officer in charge of project oversight. "We do this by visiting area villages, talking with the residents, and trying to determine how we can help them meet their most basic needs."



Capt. Paul Grimm talks with villagers in Tal Sumayir.

Part of that help comes in the funding which pays for improvements in the area. The Commander's Emergency Relief Program, or CERP, provides congressionally-appropriated money for the purpose of reconstructing the infrastructure of Iraq. Since the fund is limited, however, the needs of each village must be prioritized, said Davison.

"Every village is a different situation, each with different problems," said Sgt. Jeffrey Bradley, a civil affairs specialist. "For some, it could be power and roads. For others, it may be schools and health clinics."

The village of Tal Sumayir needed a new road. The project was approved due to the number of Iraqi police and government workers that live there, said Davison. "The main road through Tal Sumayir floods frequently, and the mud makes it impassable," said Davison. "It's important that the police and government employees be able to make it in to work."

This was the first time the Soldiers had been to Tal Sumayir since construction began.

Story continued of page 5.

Al Quba Paving Project Complete



Construction is complete on the Al Quba road paving project in Basrah Province. The \$219,000 project constructed a two-lane, two kilometer roadway that will serve approximately 180 houses in the Al Quba neighborhood. The new roadway will improve access to emergency services and enhance the local residents' access to government services. (Gulf Region Division Photo)

World Bank Loans to Finance Power Stations

WASHINGTON — The World Bank's Board of Executive Directors approved a credit of \$40 million for the Republic of Iraq. The credit will finance urgent repairs of two hydroelectric power stations located in the Kurdistan region and prepare for their subsequent full rehabilitation.



The objective of the project is to alleviate the current power supply shortfall by improving the operating performance of the Dokan and Derbandikhan power stations through urgent repair works. The project will also strengthen local capacity and prepare for the subsequent full rehabilitation of the Dokan and Derbandikhan hydropower plants in order to restore their original capacity of 400 and 249 megawatts respectively.

The project is part of Iraq's overall Electricity Master Plan and will provide electricity in the Kurdistan region and to the interconnected national grid. The project will directly impact about 490,000 households and will also benefit industrial consumers, thus improving the standard of living and promoting employment.

The \$40 million credit will be provided by the International Development Association (IDA), an arm of the World Bank Group that provides financing to eligible countries. The terms of this credit include a 35-year maturity with a ten-year grace period.

<http://www.worldbank.org/>

Story Continued...Team Travels Far



Their objective was to inspect the quality of the work, gauge the improvement, and check for any problems associated with its construction. "We like to check on the projects midway through completion," said Davison. "It's a precaution to prevent a bad end-product."

After the Soldiers left Tal Sumayir, they made their way to Abu Hajera, a village that hadn't been visited by the team. The Soldiers sat with some of the locals to talk about life in the village.

They learned the pump in the community well was broken, and the people were forced to either drink unsanitary water or buy water from somewhere else.

At the end of the visit, the Soldiers left the villagers of Abu Hajera with the promise of a new well. Such visits reward many of the Soldiers with a sense of accomplishment.

"My favorite part of this job is helping people, especially the kids," said Bradley. "We help them to help themselves, and to live a better life than they are now."

Community Celebration in Basrah



More than 70 children participated in a community celebration at the Basrah Children's Hospital recently. The celebration marked the re-commencement of construction on the hospital that will focus on pediatric oncology. Dignitaries from the Government of Iraq, local government officials and community residents participated in the event. (Gulf Region Division Photo)

Navy "SeaBees" Improve Iraqi Runway



A team of "SeaBees" with Naval Mobile Construction Battalion 74, 3rd Naval Construction Regiment, pours concrete on a section of an airfield runway at Camp Taqaddum in central Iraq.

Navy construction teams, or "SeaBees," and Marine combat engineers have repaired over 10 miles of concrete on Camp Taqaddum's two flight lines. They plan to have both base runways operational by next month. (Photo by Lance Corporal Ben Eberle)



Useful Links: The Kirkuk Business Center

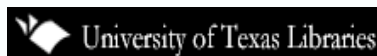
UT Map Collection

— The Kirkuk Business Center is responsible for facilitating business development and investment opportunities in the Kirkuk Province.

Visit the KBC: <http://kbciraq.org/index.htm>



— University of Texas has a large map collection of Iraq. They include country, thematic, war, and historical maps that date back as far back as 1827.



View the Perry-Castañeda Library

Map Collection: <http://www.lib.utexas.edu/maps/iraq.html>

Najaf Teaching Hospital Nears Completion

Story By Betsy Weiner
Gulf Region South District

NAJAF, Iraq — The Najaf Teaching Hospital, a project worth over \$10 million, will open in early 2007 featuring a seven-story building capable of housing 420 patients and containing 13 operating rooms. The hospital development, which has survived gun battles, as well as technical and serious security issues, first came to the attention of the Iraq Reconstruction Management Office (IRMO) in September 2004. During that month, the flooded basement, containing debris and human remains, was cleaned and repaired, as were outpatient emergency services.



The new hospital facility of the Najaf Teaching Hospital has seven floors, it can hold over 400 patients, and has 13 operating rooms. (Gulf Region Division Photo)

After assessing the damage, IRMO decided to refurbish the entire hospital in December 2004. The contractor for the project completed the emergency repairs in February 2005.

A local contractor finished the outpatient facilities and completed all the immediate emergency repairs by April 2005. "We awarded the final 370-day design build contract to a local Najaf contractor in July 2005," said Jim Lockard, health care project manager for the Project Contracting Office (PCO) and Gulf Region South District (GRS). "Renovation features that were included in this phase of the renovation were to renovate the industrial kitchen, laundry and mechanical rooms, repair the second through the seventh floors, refurbish the doctors' residences, the morgue, the sewer treatment plant and several other buildings on the hospital campus."

Lockard said bids were taken for the work that remained from the original contract, the hospital director was consulted and the award was made to a local company.

"We selected an Iraqi engineer Kal (not identified for security concerns) to be the project manager and he has been a great motivating force on the project for the past 18 months."

Because of its importance to the Shiite faith, millions of people visit the city, placing extra demand on the hospital. Kal added that the facility also serves the entire Najaf province as well as adjacent provinces for certain medical specialties such as oncology and kidney dialysis.

"Many physicians who worked at the hospital but left when it closed are now returning to work," Lockard said. "Sixty-five specialists and 145 general physicians work here now."

He added that the hospital will employ about 1,250 people; that 100 physicians will reside on the hospital grounds; and that 200 medical and 50 pharmaceutical students will train at the facility. The Gulf Region Division, IRMO and the Japanese government are supplying equipment to the campus. The GRD and IRMO will provide beds, room accessories and enough equipment for three of the operating rooms.

"In the medical field, it is necessary to always have back-up systems because the hospital cannot adequately treat people if these systems fail," Kal said. "So we spent extra time with the contractor to make sure he understood the scope of work."

Security issues in Najaf itself cost the project five months time, but were overcome by the dedication of the team and the tenacity of the Iraqi engineers who worked the project.

Wahida Council Meeting



An Imam of Wahida listens to members of the council of Wahida during their weekly meeting, which addressed concerns of the community. The council is the local governing body of the Wahida community and is trying to improve its people's quality of life by reconnecting to the ministries in Baghdad. Members of the 61st Cavalry Regiment, attached to the 1st Cavalry Division, met with local leaders of Wahida in a combined effort to help the community overcome some of its challenges. (Photo by Spc. Edgar, 7th Mobile Public Affairs Detachment)

Protection for Police



U.S. Soldiers from the 618th Engineer Company put the finishing touches on a new guard tower at a new Iraqi police station in Siniyah in December. (Photo by Spc. Jason Edwards)

Iraqi Communications Officials Visit UK MOD

Story Provided by UK Ministry of Defense

LONDON — A delegation of Iraqi Government officials has recently visited the Ministry of Defense and other UK Government Departments to learn more about cross-government communications work.



Members of the Iraqi delegation. (Photo by Ian Nelson)

The delegation consisted of Iraqi officials who represented the Iraqi MOD, the Iraqi Ministry of National Security Affairs, Iraqi joint military HQ and the Iraqi Ministry of the Interior. The officials all work in roles related to communicating government messages.

The goal of the visit was to show the Iraqis how the UK conducts cross government strategic communications, in order to help them develop improved cross government communications between Iraqi Ministries.

The program included a number of workshops designed to encourage the delegation to consider the issues, structures and processes related to developing an improved cross government Iraqi communications organization.

At the MOD, the delegation visited various parts of the Directorate General for Media Communications as well as the Home Office, Foreign and Commonwealth Office, and the Cabinet Office.

Oil Updates in the News

Extracted from the "IRMO Weekly Status Report". The report is produced by the Iraq Reconstruction Management Office, U.S. Embassy, Baghdad

Oil Protection Force Realignment Iraqi newspapers have stated that the Oil Protection Force will be realigned under the Ministry of Interior. They will still be working closely with the Ministry of Oil to ensure that protection requirements are being met. A timeline and process has not been released and is still under development.

Iraqi South Oil Company Completes Field Lab The Iraqi South Oil Company revealed that the civil engineering department in the company completed the establishment of a field laboratory for quality control at the cost of 42 million dinar. The laboratory located near the oil fields shortens the time necessary for the testing process of extracting oil.

DNO Raises Share Forbes reports that Det Norske Oljeselskap (DNO ASA) said it has concluded an agreement with the Kurdistan Regional Government, where its working interest in both the Dihok and the Erbil Production Sharing Agreement areas will rise by 15 pct to 55 pct in each project. In exchange, DNO will assume full responsibility for the funding of both the operations. The Dihok PSA in the northern part of Iraqi Kurdistan, while the Erbil PSA is to the south of Dihok. DNO is Norway's fourth largest petroleum company.

Oil firms in Talks to Develop Tuba Oil Field

The Financial Express reported the Oil and Natural Gas Corp. and Reliance Industries Ltd., along with Algeria's Sonatrach, are in preliminary discussions to obtain a contract for Tuba. Iraq has 115 billion barrels of oil reserves, the third-largest in the world.

Orphanage Donation



Young Iraqi boys hold stuffed animals after a delivery to the An Nasiriyah Orphanage recently. "The children were extremely happy and did not believe that the stuffed animals were especially given for them," said Edmay Mayers, a program analyst with the U.S. Army Corps of Engineers. An Iraqi associate told Mayers that the orphanage welcomed the U.S. engineer team that delivered the toys and appreciated what the Americans were doing for the Iraqis. (Army Corps of Engineers Photo)

Iraq Reconstruction Report

A Reconstruction Partnership

	Office of the Assistant Secretary of the Army (ASA) for Acquisition, Logistics and Technology (ALT) https://webportal.saalt.army.mil/main/aae.htm 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 Poppo</i>
	 US Army Corps of Engineers - Gulf Region Division http://www.grd.usace.army.mil/index.html Commanding General: <i>Brig. Gen. Michael J. Walsh, USA</i>
	Joint Contracting Command – Iraq/Afghanistan http://www.rebuilding-iraq.net 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, USAF</i>
	Office of the Assistant Deputy Assistant Secretary of the Army (Policy and Procurement), Iraq DASA(P&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&P)-I: <i>Mr. Lee Thompson</i>
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	U.S. Agency for International Development http://www.usaid.gov/iraq USAID is an independent federal government agency that receives overall foreign policy guidance from the Secretary of State. USAID supports long-term and equitable economic growth and advances U.S. foreign policy objectives by supporting: economic growth, agriculture and trade; global health; and, democracy, conflict prevention and humanitarian assistance.

For further Iraq reconstruction, transition, and sustainment information:

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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