Iraq Reconstruction Report

A Weekly Construction & Sustainment Update

09.14.06

Baghdad International Airport Terminal Renovation

PROJECT COMPLETE

The $7.1M terminal rehabilitation was completed on Aug. 29. The project included repair and replacement of equipment to bring the facility up to international standards and meet International Civil Aviation Organization requirements.

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Video: MPs Donate New Equipment to Iraqi Police

A U.S. Army military police brigade donates a new police truck and a bomb detecting robot to Iraqi police in Rusafa. View the video news report:

http://www.dvidshub.net/vjump.php?vid=16710

Major Project Dispatches

Khelani Electrical Feeder to Increase Electricity Reliability

Construction began on the Khelani 11kV underground electrical feeder project in Rusafa, Baghdad Province. The $734,000 project has an estimated completion date of Dec. 2006 and will increase the reliability of electricity distribution to 30,000 Iraqi residents.

Overhead Electrical Distribution Networks Complete

Construction is complete on three overhead electrical distribution networks in the Mahmudiyah district of Baghdad Province. The three projects totaled over $1M. The District 36 project installed a new 400-meter overhead electrical distribution network in the Abu Shiama neighborhood. The Albudala project constructed a new 250-meter overhead electrical distribution network. The third project completed a new overhead electrical distribution network in Kaaka. Together, the projects impact more than 30,000 residents of the Mahmudiyah.

Saba Al Bor Electrical Feeder Begins

Construction began on the Saba Al Bor dual electrical feeder in the Taji district of Baghdad Province. The $1.7M project will construct a new 33 kV double circuit feeder line from the Taji to the Sab Al Bor substation in Karkh – about 15 kilometers. The completion of this project will increase the reliability of electricity distribution to approximately 20,000 Iraqi residents. The project is expected to be completed in February.

Washash Electrical Substation Completed: More Reliable Power for Half Million Iraqis

Construction is complete on the Washash Electrical Substation in the Kadhamiyah district of Baghdad Province. The $20.3M project constructed and rehabilitated the transmission lines and substations across the district. The 132kV substation will benefit more than 500,000 area residents by ensuring they receive safer, more reliable power.

Karradah Propane Station

Capt. Shelia Matthews, from the 506th Regimental Combat Team, 101st Airborne Division, meets with the fuel committee chairman for the Karradah District of Baghdad to discuss a propane station project. (Photo by Petty Officer 1st Class Keith DeVinney)

Published by ASA(ALT)

Civil-Military Teams Work To Restore Services in Baghdad

By Jacquelyn S. Porth
Washington File Security Affairs Writer

WASHINGTON – U.S. military forces are working to deliver humanitarian assistance to designated Baghdad neighborhoods.

Col. Thomas Vail said that U.S. and Iraqi forces are pursuing a broad plan to improve conditions in the capital, including capturing kidnappers and removing abandoned vehicles so that traffic can flow more smoothly.

Vail, who commands the 4th Brigade Combat Team with the 101st Airborne Division, said that on August 31 nearly 700 local Iraqis were employed to haul 74 truckloads of debris out of Baghdad's Adhaniya neighborhood.

In his update from Baghdad via videoconference to reporters at the Pentagon, Vail said, "We're removing abandoned vehicles, debris, and ensuring that traffic can flow safely" through neighborhoods selected by the Iraqi government. He also said U.S. forces are working with local district councils to restore vital services.

Iraqis move a trailer holding aid from the US. (File photo ©AP Images)

As an example, he pointed to the August 31 delivery of 1,700 humanitarian assistance meals that were distributed through neighborhood fire stations and local councils, as well as the distribution of 50 power generators.

U.S. Army medical personnel also are assisting Iraqi doctors and medics in Adhaniya set up three health care clinics to provide medical care and screening for low-income residents.

Vail's unit has been in Iraq since January, operating mainly in eastern Baghdad. Vail is responsible for 4,000 infantry, armor, artillery, cavalry and support troops who work closely with 15,000 Iraqi security forces operating in and around the capital.

They move into troubled neighborhoods, clear out insurgents and remove debris. They work out systems to protect the local population and build or rebuild essential infrastructure and services.

Iraqi's to Receive 142 Healthcare Clinics

Story by Kimberly Mielcarek
Gulf Region Division, U.S. Army Corps of Engineers

BAGHDAD – The U.S. Army Corps of Engineers' Gulf Region Division (GRD) and the Project and Contracting Office (PCO) signed contract agreements with Iraqi and US firms to complete 142 primary healthcare clinics across Iraq. The total contract amount for these healthcare facilities will reach $185 million. Each clinic is expected to serve between 40,000 to 100,000 patients a year according to the Gulf Region's Facilities and Transportation Sector.

(GRD Photo)

> *"Once completed, the clinics will relieve the overburdened outpatient care currently provided by older hospitals and reduce infant mortality by at least 20 percent nationwide."*
>
> Col. Andrew Knapp

The clinics have a similar, modular design that includes six examination rooms, a pharmacy, two dental examination rooms and X-ray facilities. Medical consumables, office equipment, furniture, and other supplies worth $117 million are being made available to each clinic as they are completed and handed over to the Iraqi Ministry of Health.

This positive relationship between GRD/PCO and the Ministry of Health has resulted in a new way of looking at healthcare in Iraq. Before the US incursion into Iraq, many people seeking medical assistance had to travel great distances to reach one of the central hospitals. By showing the ministry of health the advantages of outpatient care through local clinics, the ministry agreed to change the way Iraqis receive treatment by establishing more local clinics. Local outpatient clinics reduce travel time and increase the frequency of visits creating a better health environment for individuals and the communities around the clinics.

Col. Andrew Knapp, Facilities and Transportation sector lead said, "We are fulfilling our commitment to deliver modern health care to the Iraqi people using Iraqi contractors. Once completed, the clinics will relieve the overburdened outpatient care currently provided by older hospitals and reduce infant mortality by at least 20 percent nationwide."

Story Continued on Page 6.

Sector Overview: Current Status – Final Effects

Compiled By: Katie Wall, PCO Washington *As of: September 12, 2006*

- ***Over $9.4 billion of the Iraq Relief and Reconstruction Fund (IRRF) has been disbursed by DoD, representing 69.9% of total funds allocated to DoD***
- ***3,152 projects starts (out of 3,430 planned projects). This number includes the DoD projects funded by the IRRF (including MNSTC-I) and the Development Fund for Iraq (DFI)***
- ***2,528 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 340K Homes* Hours of Power: 10.8 Iraq, 6.6 Baghdad (Aug 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 820K Homes* Hours of Power: 10-12 Iraqi, 10-12 Baghdad
Oil	2.5 Million Barrels Per Day (MBPD) production capacity 2.5 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 417,000 cubic meters per day of water treatment capacity (benefits an estimated 2.0 million Iraqis)*	Additional 1,125,000 cubic meters per day of water treatment capacity (will benefit approximately 5.0 million Iraqis*. All USG projects will benefit 8.2 million Iraqis)
Health	Seven IRRF funded Primary Healthcare Centers (PHC) completed (six of these are open). 66 PHCs are under construction 13 hospitals renovated	142 PHCs serving a population of 5 to 6.5 million Iraqis 24 hospitals renovated
Education	834 schools providing classrooms for 325,000 students*	847 schools providing classrooms for 330,000 students*
Security & Justice	342 police facilities completed 248 border forts completed	389 police facilities 252 border forts
Transportation & Communications	221 Kilometers (KM) of village roads Provided emergency response dispatch system ('911' service) covering 12 million Iraqis in 15 cities	424 KM of improved village roads 157 KM of improved major roads and five bridges Provided emergency response dispatch system ('911' service) covering 12 million Iraqis in 15 cities

Poland Donates Vehicles to Military Police

Story & Photos by Multinational Division Central South
Office of Public Affairs

CAMP ECHO, Iraq – Ten, light armored, patrolling vehicles were handed over by Multinational Division Central South (MND CS) to 8th Iraqi Army Division military police.

Maj. Gen. Othman Ali Farhood for the 8th Iraqi Army Division and Maj. Gen Bronislaw Kwiatkowski for MND CS took part in the ceremony. Vehicles were previously used by MND CS in Iraq. Additionally, spare parts were delivered from Poland and renovation was done by Polish soldiers in Camp Echo.

These vehicles increase military police capabilities in conducting patrols and establishing check points

Iraq 101 – Knowledge Brief

Languages: Arabic, Kurdish (official in Kurdish regions), Assyrian, Armenian

Ports and Terminals: Al Basrah, Khawr az Zubayr, Umm Qasr

Waterways: 5,279 km
Euphrates River (2,815 km), Tigris River (1,899 km), and Third River (565 km) are principal waterways

Source: World Factbook

Project Note Card

Central Erbil to Receive More Reliable Electricity

Project Status - Project Complete. (Gulf Region Division/Iraq Project & Contracting Office**)**

Project Scope - To connect power lines in the Erbil districts of Shaqlawa and Khoshnaw.

Project Effect - Prior to the new power lines being installed area residents received undependable electricity supply. This project greatly increases power reliability within these two districts**.**

Project Cost - $10.4M

Project Photos -

New overhead and underground power lines connecting the Shaqlawa and Khoshnaw substations in Erbil. (Gulf Region Division Photos)

Power Line Safety and Protection

Soldiers from the 2nd Brigade Combat Team, 1st Infantry Division, cover an exposed power line in front of a man's house during a patrol in Adhamiyah. (Photo by Petty Officer 1st Class Keith W. DeVinney)

Rebuilding Iraq Conference & Expo Slated

The Sixth Rebuilding Iraq Conference & Expo is scheduled to be held in Washington, DC on Nov. 2nd and 3rd. The conference goals include: assisting individual U.S. companies to pursue export and other new business opportunities in Iraq; evaluating the market potential for the company's products; and helping U.S. contractors and businesses to network and develop alliances and business relationships.

6th ReBUILDING IRAQ Conference & Expo

For additional information:

http://www.new-fields.com/newiraq6/index.htm

Web Resources: Iraq Ordnance ID Guide

Unexploded ordnance can impact reconstruction and rebuilding projects. Many of these hazards can be found on an informational guide sponsored by the Office of the Assistant Secretary of Defense for Special Operations & Low Intensity Conflict and funded by the Defense Security Cooperation Agency. The guide can be downloaded from the Mine Action Information Center located at James Madison University (JMU).

The Iraq Ordnance Identification Guide supports the U.S. Department of Defense's humanitarian mine action program. This guide provides information to facilitate international unexploded ordnance awareness and identification. The guide provides identification information for approximately 1200 ordnance items.

MAIC Mine Action Information Center at James Madison University

The Mine Action Information Center at JMU is a public policy center which manages information and conducts training relevant to humanitarian mine clearance, victim assistance, mine risk reduction and other landmine-related issues. JMU is partnered with the Department of State, Department of Defense, and Geneva International Center for Humanitarian Demining, and other international organizations.

View the guide:

http://maic.jmu.edu/research/IraqOIG/default.htm

Repairing Damaged Roads

Local contractors disregard terrorist threats to repair roads and allow Iraqis to travel uninhibited.

Story and Photo by Cpl. Michael Molinaro

FORWARD OPERATING BASE KALSU, Iraq — "Iraqis helping Iraqis" was the theme in the Rasheed district recently as locals helped patch together a road that had been destroyed by terrorists. Local contractors disregarded terrorist threats and ventured out to repair the roads and allow Iraqis to travel uninhibited.

An Iraqi sweeps loose gravel after filling one of many holes left by roadside bomb attacks in Rasheed. Local contractors repaired the area roads, enabling locals to once again use the often-traveled route. (U.S. Army Photo)

"The workers did a great job and worked very hard for two days to complete this monumental task," said Staff Sgt. Micah Greene, noncommissioned officer-in-charge, attached to Multi-National Division – Baghdad. "This road repair demonstrates the local contractor's patriotism and courage by standing up to the cowardly terrorists and working hard to fix this road."

Numerous roadside bombs have detonated between Adwaniyah and Hawr Rajab, which left huge craters and made the roads impassable. Projects like road repairs make it easier for local civilians to get to work and makes it more difficult for the terrorists to find another hiding spot for their bombs. Road repairs hamper the terrorists' efforts to repeat emplacing bombs in areas they have established safe escape routes.

The repairs to the road also eased travel in the area, which has allowed the local economy to slowly recover, said Capt.Jon Bodenhamer, commander, Troop A, 1st Sqdn., 10th Cav. Regt. Prior to the repairs, shops on the damaged roads shut down for extended periods of time. "Business has greatly improved because of this road repair," said one Iraqi citizen. "It is easier to get benzene from the local benzene station because more fuel trucks can get there faster."

UNIFEM Initiates a Learning Skills Forum

The UN Development Fund for Women, Arab States Regional Program Office (UNIFEM) held a workshop entitled "Forum for Sharing Experiences and Learning Skills" in Baghdad. The workshop goals included, enhancing the public relations and media skills, discussing laws and legislation, and establishing a women's issues forum. Professional women in both business and government attended.

UNIFEM implements initiatives to support social, economic, political advancement and empowerment of Iraqi women. They have offices in 17 countries.

For more information on UNIFEM:

http://www.unifem.org.jo/pages/articledetails.aspx?aid=293#

Story Continued from Page 2… Healthcare Clinics

These clinics are some of the last facilities to be assigned to contractors from DoD's $13 billion portion of the $18.4 billion appropriation from the U.S. Congress entitled the Iraq Relief and Reconstruction Fund.

The pharmacy at Al Thalith Primary Healthcare Clinic, Baghdad. (Photo courtesy of GRD, U.S. Army Corps of Engineers.)

More than 3,000 projects have been completed by the Army's GRD and PCO team with the remaining facilities expected to be completed in 2007.

In addition, the GRD and PCO have completed refurbishing and supplying 20 hospitals across Iraq.

Andrew Curtin, Iraq Project & Contracting Office contributed to this report.

Priming the Pump

By Sgt. Dennis Gravelle
138th MPAD

JURN, Iraq — Providing a clean and accessible water supply comes as another step towards the establishment of stable and sanitary living conditions for the people of Iraq.

In the intense heat of an Iraqi summer, the need for clean drinking water is compounded. Yet for many small villages around the country, non-functional wells are a common occurrence.

Recently, in the village of Jurn, Army Civil Affairs Soldiers opened a restored water well to residents. The well will now provide a source of clean drinking water to the community, and subsequently help curb the spread of water-related illnesses.

Soldiers discussing water operations. (Photo by Sgt Ashly Rice)

For Jurn, the next phase of the well restoration will be the addition of a reverse osmosis filter. The filtration process reduces concentrations of dissolved solids in water, protecting against ions, metals and heavy particles.

The method has been used extensively in other locations to convert brackish water to drinking quality, and treat wastewater. The enhancement to the Jurn well will provide a long-term solution to water quality issues that have plagued the community for years.

According to Lisa Lawson, a project engineer with the U.S. Army Corps of Engineers, Gulf Region North, money to complete the Jurn restoration came from Commander's Emergency Response Program funding. These funds allow commanders to make short-term humanitarian and reconstruction decisions locally.

Lawson said other funds are allocated to restoration projects throughout Iraq's northern Ninevah province, helping revitalize the region after years of systematic neglect.

Photo Feature: Electrical Sector Project

Submitted by: Tim Salthouse/AEGIS

Outdated and non-functional transformers fill the electrical maintenance yard of the Ministry of Electricity in An Nasiriyah, Iraq, awaiting disposal. Recent efforts by the U.S. Army's Gulf Region South District helped to provide 50 new transformers on short notice.

Gulf Region South District inspectors are briefed on construction progress by an Iraqi site engineer at the Al Baneer Substation in the Ad Diwaniyah Province. GRS has 59 similar projects in various stages across Iraq, which will improve the country's electrical distribution infrastructure.

A convoy of four flatbed trucks arrives Aug. 29 at the Ministry of Electricity's An Nasiriyah maintenance yard to deliver the 50 new transformers.

A new 400 volt transformer for An Nasiriyah is offloaded from a flatbed truck Aug. 29. The Army Corps of Engineers assisted with an emergency purchase after an urgent request from the Ministry of Electricity.

Small Success Stories: Soldiers Take Time to Rescue Dog

U.S. Army soldiers from the 33rd Cavalry Regiment, 3rd Brigade Combat Team, 101st Airborne Division rescue a dog from fast moving canal water. The Soldiers were conducting a reconnaissance mission near Forward Operating Base Heider when they discovered the animal in need of help. (Photo by Staff Sgt. Russell Lee Klika)

Iraqi Engineers Receive State-of-the-Art Training

Iraqi engineers received software training by Siemens/PTI in the use of state-of-the-art power system modeling software in Schenectady, NY. Following training, the engineers will be able to effectively manage and operate Iraqi transmission systems.

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: *The Honorable Claude M. Bolton, Jr.*
Principal Deputy to the ASA (ALT)/Director of Iraq Reconstruction and Program Management: *Mr. Dean Popps*

US Army Corps of Engineers - Gulf Region Division http://www.grd.usace.army.mil/index.html
Commanding General: *Maj. Gen. William H. McCoy, Jr.*

Iraq Project & Contracting Office
http://www.rebuilding-iraq.net
Director- Baghdad: *Maj. Gen. William H. McCoy, Jr. (dual-hatted GRD-PCO)*
Deputy Director for Reconstruction: *Ms. Kathye Johnson*
Director-Washington: *Mr. James M. Crum*

Joint Contracting Command – Iraq/Afghanistan
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: *Maj. Gen. Darryl A. Scott*

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: *Mr. Lee Thompson*

U.S. Agency for International Development
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.
http://www.usaid.gov/iraq

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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The Iraq Reconstruction Report is compiled and published by the Iraq Project and Contracting Office (Arlington, VA), Office of Strategic Communications in conjunction with the U.S. Army Corps of Engineers. Past IRU issues can be found at:

http://www.dvidshub.net/index.php?script=pubs/pubs_show.php&id=18&name=Iraq%20Reconstruction%20Report