

The



US Army Corps of Engineers®

GWOT Reconstruction Report

Supporting the Global War On Terror Through Construction & Sustainment

PROJECT UPDATE: Gulf Region Division

Oil Sector Capacity... Completed GRD projects have met the program goals of increasing Crude Oil Production Capacity to 3.0 million barrels per day, Liquefied Petroleum Gas production capacity to 3,000 metric tons per day, and natural gas production capacity to 800 Standard Cubic Feet per day.

Electricity... Daily electricity demand August 29-September 4 was 24% above the same period in 2006. Daily supply from the electricity grid was 9% above 2006; it met 50% of total electricity demand, compared with 56% for the year-earlier period.

Water Supply Project... The forecasted completion date for the Sadr City R3 Water Supply Project (\$18.3M) is Dec. 2007.

Hospital Update... The Basrah Children's Hospital is 64% complete and work remains ahead of schedule.

Primary Healthcare Centers... 53 Primary Healthcare Centers (PHCs), have been turned over to the Iraqi Ministry of Health, of which 21 are open to the public. An additional 19 PHCs are scheduled to be turned over to the Iraqi Ministry of Health in the next two weeks. Another 62 PHCs are under construction.

(Additional Iraq Project Metrics can be found on Page 3.)

About GRD:

The [Gulf Region Division](#) was activated on Jan. 25, 2004. It operates with three district offices located throughout Iraq and a division headquarters office in Baghdad. The GRD provides quality, responsive, full spectrum engineering in Iraq in support of military and civil construction, delivers logistical services, and assists the Government of Iraq to assume full responsibility for national reconstruction.



WORKING TO IMPROVE TITIN VALLEY ROADS — An Army engineer assesses the situation after a section of the old road crumbled underneath a vehicle in Titin Valley, Afghanistan. A provincial reconstruction team surveyed the road which runs from Titin to Kordar. Once completed, the road will make it easier and safer for Afghan National Security Forces and Coalition forces to conduct security patrols. The construction of the new road is an Afghanistan Engineer District managed project. (Photo by Spc. Henry Selzer)

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Iraq Communications Snapshot: Internet and Cell Phone Subscribers

Cell Phone

These figures represent the total usage of the cell phone networks, comprised mainly of prepaid cell phone users. Roughly 8 million people in Iraq have immediate or near immediate access

to GSM telephone services. Additionally, there are approximately 1.1 Million Iraq land line subscribers.

INDICATOR	
Cell phone providers	5
# of subscribers (x 1000)	7675
Subscriber Base (x 1000)	15500
% of population with Cell Phones	49.52%

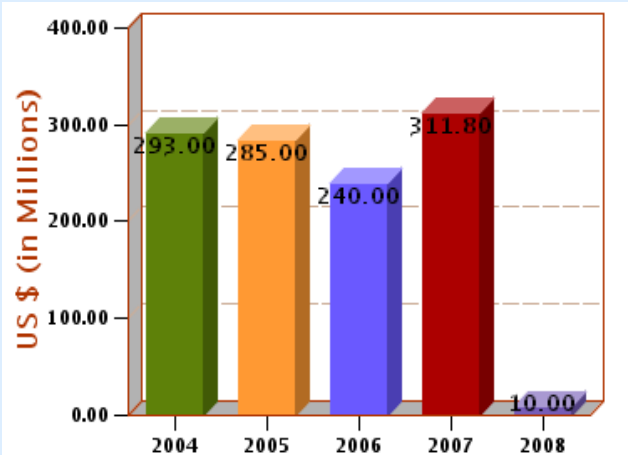
Internet

Standard Internet Services: Dial-up 180,000 plus 50,000 prepaid card access users. Estimated that 90% of users are in Baghdad.

- Small WiFi services are available in Baghdad and Mosul with approximately 70 users each
- Wireless Broadband for government – 22 ministries exist as active subscribers

Source: Department of State, Iraq Transition Assistance Office

World Bank News - Lending to Afghanistan



<http://www.worldbank.org>



PROJECT UPDATE: Afghanistan Engineer District

Afghanistan Road and Bridge Projects

Road projects improve access for Afghan people to participate in governance, education, health, trade and other development projects.

Additionally, the road projects provide improved access for Coalition, Afghanistan National Army and Afghanistan National Police forces to ensure security throughout the country.



Construction is complete on more than 1000 kilometers of roads with another 1000 kilometers projected for the next fiscal year.

On August 26, 2007, the Presidents of Afghanistan and Tajikistan dedicated the completed 673-meter weathering steel girder bridge across the Panj River. The two lane bridge will support commercial traffic plus pedestrian and cart traffic to open up a landlocked country to more commercial trade.

About the Afghanistan Engineer District

The [Afghanistan Engineer District](#) was activated in March 2004. AED conducts construction and engineering operations in the Central Asian Republics to facilitate the establishment of a secure and stable environment while promoting reconstruction and infrastructure development. AED people manage programs and projects that support the International Security Assistance Force, Combined Security Transition Command – Afghanistan, Regional Command – East, U.S. Agency for International Development, and other organizations.

Project Photo Roundup



Afghanistan - Four Afghan National Army cadets have finished a two-week internship program with the U.S. Army Corps of Engineers. Charley X. Qian, AED Afghan National Army program manager, goes over training material with two of them. The cadets are third-year students at the National Military Academy Afghanistan which is modeled after the U.S. Military Academy at West Point, N.Y. (Photo by Master Sgt. Mark Rodgers)



Iraq - The Shuhada Water Treatment Plant, located west of Fallujah, became fully operational and is producing enough drinking water to support the 10,000 residents in that area. (USACE Army Photo)



Afghanistan – U.S. Navy Cmdr. David Adams with Provincial Reconstruction Team Khowst and Governor of Afghanistan’s Khowst Province, Arsala Jamal, cut the ribbon to the construction project for a school in Jaji Maidan. (Photo by Ensign Christopher Weis)



Iraq - The Gulf Region South District recently completed a \$266 million facility in Al Shatra to provide clean drinking water to more than 500,000 residents. (USACE Photo)

In the News: “A Surge of Public Works” – [National Review](#) (Sept 7)

Deroy Murdock

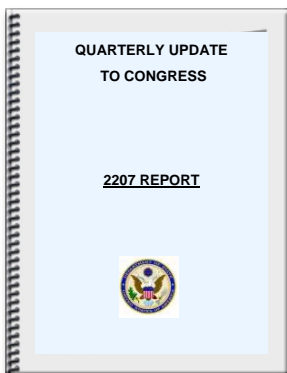
NRO Contributing Editor



Read the Article:

<http://article.nationalreview.com/?q=ZGNhYjI0MjA1MjFjZjE4OWJiZDlhNzQxN2UyOTg5OTI=>

Professional Reading: Section 2207 Report on Iraq Relief and Reconstruction



The Section 2207 Report to Congress is a quarterly report on the use of Iraq Relief and Reconstruction Funds.

Past issues can be found at the following Department of State website:

<http://www.state.gov/p/nea/rls/rpt/2207/>



PROGRAM FACT SHEET:  **Iraq Reconstruction Project Metrics**

Compiled By: John Daley, HQ USACE

• Over \$11.6 billion of the Iraq Relief and Reconstruction Fund (IRRF) has been disbursed by DoD, representing 85.6% of total funds allocated to DoD.

• 3,369 IRRF projects starts (out of 3,394 planned projects) and 3,056 projects are complete.

(As of Sep. 11)

Iraq Reconstruction Fact

Capacity Development: Last month, the Gulf Region Division awarded 143 contracts to women-owned businesses valued at \$16 million.

Infrastructure Sector	Current Progress	Final Effects
Electricity	1,520 MW capacity added 26 400kv and 132kv Substations 67 33/11kv Substations Hours of Power: Iraq – 13, Baghdad – 9 (last week average)	1,983 MW capacity added (2,699 MW for all USG projects) Increased power generation to 1.7 million homes 43 400kv and 132kv Substations 89 33/11kv Substations (126 total for USG) Hours of Power: Iraq 10-12, Baghdad 10-12
Oil	3 Million Barrels Per Day (MBPD) production capacity Over 2.0 MBPD actual production Liquefied Petroleum Gas (LPG) production capacity of 3,000 Tons per Day	3 MBPD oil production capacity LPG production capacity of 3,000 Tons per Day
Water & Sewer	Added 580,000 cubic meters per day of water treatment capacity (benefits an estimated 3.4 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	80 IRRF-funded Primary Healthcare Centers (PHC) completed 16 IRRF-funded hospital rehabilitation projects completed	142 PHCs serving a population of 5 - 6.5 million Iraqis 25 IRRF-funded hospital rehabilitation projects
Education	810 IRRF-funded schools providing classrooms for 324,000 students	810 IRRF-funded schools providing classrooms for 324,000 students
Security & Justice	4 Training Academy Projects 94 Fire Station Projects 265 Border Forts	4 Training Academy Projects 95 Fire Station Projects 265 Border Forts
Transportation & Communications	38 IRRF-Village Road Projects (318 km) 97 Railway Station Renovations 14 IRRF Aviation Projects Provided emergency response dispatch system ('911' service) covering 12 million Iraqis in 15 cities	41 IRRF-Village Road Projects (427 km) 97 Railway Station Renovations 19 IRRF Aviation Projects



International military engineers work together in Afghanistan

By 1st Lt. Kenya Virginia Saenz, USA
Special to American Forces Press Service

FORWARD OPERATING BASE SHARANA, Afghanistan

– Afghans and multinational forces are working hand in hand on a variety of construction projects here.

Soldiers from the U.S. Army's 864th Engineer Combat Battalion (Heavy); 1st Construction Company, 100th Republic of Korea Engineering Group; and Polish 1st Engineer Brigade are working together to construct metal building systems, known as K-Spans; roads; ditches; culverts and sewage lagoons.

U.S. Soldiers from Task Force Pacemaker Headquarters Support Company support the battalion and manage multinational force missions.

Polish soldiers are working to improve roads by ensuring that proper drainage and sewage structures are constructed before the rainy season begins. The Polish army has been deployed in places such as Lebanon, Syria, and Africa to support many humanitarian missions since the war on terror began.

First Construction Company from the Republic of Korea focuses on K-Span construction. Korean engineers are especially meticulous and bring a "vertical construction" capability to the command that it did not have.

Once completed, the K-Spans will enhance maintenance operations and provide more space for supply support activity here.



Polish Pvt. Piotr Oparski works on the final touches of a culvert as a scoop loader hauls the rest of the dirt.



Korean soldiers work on a structure that will improve maintenance support for Forward Operating Base Sharana, Afghanistan.



Korean Sgt. Chi-Keun Lee interprets for Korean Capt. Bo Geol Choi as he meets with U.S. Army Capt. Eric Parthemore of Task Force Pacemaker, to discuss engineering work.

USDA Provides Technical Assistance

<http://www.usda.gov>



Quick Facts: Agriculture is Afghanistan's principle source of jobs and income although only 12% of the country's 65 million hectares of land is arable and only 40% of agricultural land is irrigated.

The U.S. Department of Agriculture (USDA) is providing technical assistance for the reconstruction of Afghanistan's agricultural sector.

USDA works in partnership with the U.S. Department of State, the U.S. Agency for International Development, the U.S. military, and the Afghan Government, as well as other organizations.








BAGHDAD ESSENTIAL

SERVICE PROJECTS — Sgt. 1st Class Mendez J. Frith, Bravo Battery 9th Engineer Battalion, enjoys a brief chat with neighborhood youngsters while checking on a variety of essential service projects in northwest Baghdad. The U.S. Army Corps of Engineers is overseeing more than \$50 million in essential service projects in northwest Baghdad. Water and sewer lines are being repaired, roads paved, and electrical distribution networks upgraded under contracts USACE is managing. (USACE photo)



A Reconstruction Partnership

	<p>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></p>
	<p>HQ US Army Corps of Engineers – http://www.usace.army.mil/ Chief of Engineers and Commander of the U.S. Army Corps of Engineers: <i>Lt. Gen. Robert L. Van Antwerp</i></p> <p>HQ US Army Corps of Engineers Director, Military Programs: <i>Maj. Gen. Meredith W. B. (Bo) Temple</i></p> <p>US Army Corps of Engineers – Gulf Region Division http://www.grd.usace.army.mil/index.html Commanding General: <i>Brig. Gen. Michael J. Walsh</i></p> <p>US Army Corps of Engineers – Afghanistan Engineer District http://www.aed.usace.army.mil/ Commander: <i>Col. Miroslav P. Kurka</i></p> <p>US Army Corps of Engineers – Transatlantic Programs Center http://www.tac.usace.army.mil/ Commander: <i>Col. Ronald N. Light</i></p>
	<p>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></p>
	<p>U.S. Department of State http://www.state.gov The State Dept. represents the U.S. overseas and conveys U.S. policies to foreign governments and international organizations through American embassies and consulates in foreign countries and diplomatic missions. The department negotiates and concludes agreements and treaties and coordinates and supports international activities of other U.S. agencies.</p>
	<p>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 advances foreign policy objectives by supporting economic growth, agriculture, global health, democracy, conflict prevention and humanitarian assistance.</p>

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About the U.S. Army Corps of Engineers The U.S. Army Corps of Engineers (USACE) is made up of approximately 32,000 Civilian and 650 military members. USACE military and civilian engineers, scientists and other specialists work hand in hand as leaders in engineering and environmental matters. USACE serves the Armed Forces and the Nation by providing vital engineering services and capabilities, as a public service, across the full spectrum of operations—from peace to war—in support of national interests. Corps missions include five broad areas: water resources, environment, infrastructure, homeland security, and warfighting.

GWOT RECONSTRUCTION REPORT

This report can be found on the following DoD websites: Army Homepage, U.S. Central Command, Multi-National Force – Iraq, Digital Video and Imagery Distribution System, USACE Gulf Region Division, the Transatlantic Programs Center, and USACE Afghanistan Engineer District.

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