



Prof. Magdy Abdelaziz Zahw – Highways & Airports Engineering Consultant

Qualifications

Ph.D., Carleton University, Ottawa, Ontario, Canada 1996.

M.Sc., Al-Azhar University, Cairo, Egypt, 1990.

B.Sc., Civil Engineering, Al-Azhar University, Cairo, Egypt, 1984.

Experience:

Dr. Magdy Zahw has more than 25 years experience in technical research, design of many highways projects in Egypt and Saudi Arabia, teaching experience of highway engineering, transportation, traffic engineering and railway engineering at Egyptian universities and King Saud university in KSA.

Employment Record

Professor, Canadian International College (CIC), Civil Engineering Department, 6 October City, Egypt (2014-).

Professor, King Saud University, College of Engineering, Civil Engineering Department, Riyadh, KSA, 2009-2013.

Associate Professor, King Saud University, Civil Engineering Department, Riyadh, KSA, 2003–2008.

Assistant Professor, King Saud University, Civil Engineering Department, Riyadh, KSA, 2001–2003.

Assistant Professor, Al-Azhar University and Tenth of Ramadan Institute, Civil Engineering Department, Egypt, 1997–2001.

Assistant Lecturer, Al-Azhar University, Civil Engineering Department, Cairo, Egypt, 1990–1994.

Sample of Projects/Studies

Kingdom of Saudi Arabia

- Design and working Drawings of Dahuk-Erbil motorway (Iraq) –182km, AlMuhandis office, Riyadh, KSA, 2002-2003.
- Design and working Drawings of Ha’el University campus network, Alna’eem office, Riyadh, KSA, 2006.
- Design and working Drawings of Three Bridges in Riyadh, Dr Hisham Abdelkhalek, Riyadh, KSA, 2009.

Egypt

- Participate in the field works of the Road network and Parking areas for the New Cairo Airport, **General Nile Company for Roads and Bridges**, 1984.
- Participate in design & working drawings of several highways projects, Prof. A. Bahgat Office: [Rehabilitations of Old Cairo Airport Runway (0/23), 1984-1985 - Al-Sarab tourist Village, Northern Coast, 1986-1987, Sama – Alarish Village, 1987-1988, Dabaa – Almain Highway, 1990-1991, third and fifth quarters of new Damietta city, 1996-1997, and new Amria city].
- Design and working Drawings of several projects, 1990-1997, Prof. M.K. Alsamny Office: [Masria village, Al-kasr, Marsa Matrouh, 1990, Ain Shams faculty member's village, Marasa Matrouh, 1991, and Al-Masoud village, Aal-Ahram desert, 1997].

- Design & working Drawings of several projects, Prof. Abdelbaqi Ibrahim Office: [New city of Minya, 1989, New industrial area in Aswan, 1990, Amun tourist village, Northern Coast, 1990, Ghazal tourist village, Northern Coast, 1991, Children's Park in Makka, KSA, 1992.
- Design & working Drawings of road network of national cement factory in Beni Suafe, Prof. Mostafa Al-Ghamrawy Office, 1992].
- Design & working Drawings of Alnasr Tourist village, Northern Coast, Prof. Ali Raafat Office, 1990-1992.
- Design & working Drawings of several projects to Urban Planning Authority - Ministry of New Communities - Egypt, 1996 – 2000, [Renovation and put developed new proposals for existing roads network for QENA City, RAS SEDR City, SHERBINE City, SOHAG City, & AKHMIM City. Also, Design & construction of roads network for NEW BAYAD AL_ARAB City & EDCO coastal City.]
- Traffic studies to establish two underground multi-story garages down Al-Jazeera Club and Egyptian Shooting Club, BOT investment, Cairo governorate, 1999.
- Design and working drawings of Golden Beach tourist village roads network, Burj Al Arab, northern coast, Engineering office consultant EHAF, 1998
- Design and working drawings of roads network for New Naga Hammady City, Al-Minya, Engineering unit - Faculty of Engineering - Al-Azhar University, 1999.
- Work studies to establish Burj Al Arab - Assiut highway, BOT system, Eng. office consultant ENTRA, 1999.

FUNDED RESEARCH PROJECTS:

- Principal Investigator of research entitled " Evaluation of Highway Concrete Bridge Approach Slabs", Funded by the Research Center, College of Engineering, King Saud University, Riyadh, Saudi Arabia, (2011- Now).
- Principal Investigator of research entitled "New Proposed Models of Bridge Approaches", Funded by the Research Center, College of Engineering, King Saud University, Riyadh, Saudi Arabia, (2010-2011).
- Principal Investigator of research project No. 6/428 entitled "New Asphalt Mix Design Procedure Depends on Creep Performance and Rutting Resistance", Funded by the Research Center, College of Engineering, King Saud University, Riyadh, Saudi Arabia, (2008-2010).
- Second Investigator of research project No. 10/427 entitled "Development of Skid Resistance Asphalt Pavement Mix Design Procedure", Funded by the Research Center, College of Engineering, King Saud University, Riyadh, Saudi Arabia, (2006-2008).
- Second Investigator of research project No. 5/423 entitled "Evaluation and re-planning of vehicles Parking of King Saud University", Funded by Research Center, College of Engineering, King Saud University, Riyadh, Saudi Arabia, (2001-2004).

