

Haider Habeeb Aodah
Civil Engineering Department
Faculty of Engineering
Thi-Qar University
Thi-Qar, Iraq
Mob.: +9647827780507
E-mail: alshweily@yahoo.com



EDUCATION:

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|---------------------|---|
| Jul. 2010- Mar.2014 | Ph.D. in Civil Engineering Department at IIT Roorkee, India
Major: Road & Transportation Engineering |
| Jan.2001- Mar.2004 | Ms.c. in Civil Engineering Department at Jordan University of Science and Technology, Jordan
Major: Road & Transportation Engineering |
| Sept.1992-Jul.1997 | B.Sc in Civil Engineering Department, Basra University, Iraq
Major: Civil Engineering. |

WORK EXPERIENCE:

• **ACADEMIC EXPERIENCE**

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| Jun. 2004 – Jun. 2010 | Lecture, Civil Engineering Dept., Faculty, of Engineering, Thi-Qar University, Thi-Qar, Iraq. |
| Jul. 2004 – Feb.2014 | Ph.D. scholar in Civil Engineering Department at IIT Roorkee, India. |
| Mar. 2014 – Nov.2016 | Assistant Professor, Civil Engineering Dept., Faculty, of Engineering, Thi-Qar University, Thi-Qar, Iraq. |
| Dec.2016 – Present | Associate Professor, Civil Engineering Dept., Faculty, of Engineering, Thi-Qar University, Thi-Qar, Iraq. |

POSITION

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| Sept. 2004 – Sept. 2006 | Faculty of Engineering Coordinator. Thi-Qar University, Thi-Qar, Iraq. |
| Jan. 2007 – Apr. 2008 | Head of the Engineering unit. Thi-Qar University, Thi-Qar, Iraq. |

Sept. 2015 – Present

Head of the Civil Engineering Department. Thi-Qar University, Thi-Qar, Iraq.

LABORATORY EXPERIENCES

- Sieve analysis of all types of soil and Aggregate.
- Estimation of bearing capacity of soil for both flexible and rigid pavement using C.B.R. test.
- Plate load test
- Testing of road construction materials, Subgrade layer; Subbase layer; Base layer and all Bituminous layers
- Testing of Asphalt cement such as; penetration point, softening point, ductility etc.
- Designing of both the binder and surface courses asphalt mixes.
- Designing of rigid pavement.
- Quality control during construction of new traffic facilities or rehabilitation of existing facilities including; extraction tests on the bituminous layers, Marshall stability test

Training Courses Attended:

Feb., 2004	• Road Material test (Jordan University of Science and Technology), Irbid- Jordan.
July, 2005	• Construction Material test (Faculty of Engineering, Thi-Qar University), Thi-Qar- Iraq.
July, 2009	• Operation and test on ELE Keys civil engineering products. ELE International head office, London-UK
Nov., 2013	• Rigid Pavement design and construction (Central Road Research Institute CRRI), New Delhi –India.
Jan., 2014	• Alternative Pavement materials (Central Road Research Institute CRRI), New Delhi -India

Courses taught:

- Drawing Engineering.
- Material Laboratory.
- Survey Laboratory.
- Traffic Engineering.
- Road Engineering
- Highway Laboratory.

Membership:

- Iraqi Engineering Union.
- Board Engineering Consultancy Unit, Faculty of Engineering, Thi-Qar University
- American Association of Paving Technology (AAPT). USA
- Indian Road Congress (IRC), India-Delhi.

ACADEMIC RESEARCHS and PUBLICATIONS:

1. Saad Abo-Qudais and Haider Al-shweily (2007) "**Effect of aggregate properties on asphalt mixtures stripping and creep behavior**" science direct, construction and building material journal U.K, volume 21, Issue 9, September 2007, pages 1886 – 1896.
2. Saad Abo-Qudais and Haider Al-shweily (2007) "**Effect of antistripping additives on environmental damage of bituminous mixtures**" science direct, construction and building material journal U.K, volume 42, Issue 8, August 2007, pages 2929 – 2938.
3. Haider H. Aodah, (2009). "*Developing and Improving the Performance of Al-Forat Corniche Street in Al-Nassiryah City* " The scientific Journal of Thi-Qar University, volume 4, number 4, pp 45-57.
4. Haider H. Aodah and Murtadha Sarhan Satchet (2009). "*Transit GIS Applications For parking in Nassiryah city, Iraq*" The scientific Journal of, Thi-Qar University, volume 8, No.3, pp. 101-114.
5. Haider H. A., Yassir N. A. and Chandra S., (2012), "*Effect of Aggregate Gradation on Moisture Susceptibility and Creep in HMA*", International conference on Civil Engineering (ICCE) , 6–7 December, Penang, Malaysia.
6. Haider H. A., Yassir N. A. and Chandra S., (2012), "*Performance of Bituminous Mixes with Different Aggregate Gradations and Binders*", International Journal of Engineering and Technology (IJET) ISSN: 2049-3444 , Vol. 2, No. 11, pp 1802-1812. U.K.
7. Haider H. A., Chandra S. and Yassir N. A., (2013), "*Effect of Test Method on Moisture Damage Prediction in Hot Mix Asphalt Mixes*", International Journal of Material Construction and Studies (IJMCS), Vol. 1, No. 1, pp 7-15. India.
8. Chandra S., Haider H. A. and Yassir N. A., (2014), "*PREDICTION OF RUT DEPTH IN HOT MIX ASPHALT BASED ON CREEP AND AGGREGATE GRADATION DATA*" Highway Research Journal Vol. 7, No. 1, pp 1-8.
9. Haider H. A., Chandra S. and Yassir N. A., (2014), "*Estimation of moisture damage and permanent deformation in asphalt mixture from aggregate gradation* ", Korean Society of Civil Engineering Journal (KSCE), Vol. 18, No. 6, pp 1655-1663.

10. Basim H. Al-Humeidawi, Haider H. Aodah, Kassim k. Hameed, Haneen A. Meraw and Safa S.Al-Ogaili, 2016, "*Evaluation of Moisture Damage and Stripping of Asphalt Concrete Prepared With New Additives of Polymer Modified Bitumen*", Journal of Babylon University, Engineering Sciences, No.(1), Vol.(24); pp.117-128.

SKILLS & QUALIFICATIONS:

- Microsoft Office Application.
- Internet Application.
- AUTOCA 2-D.
- HDM-4 Software.
- KENPAVE Software.
- IIT pave Software
- VISSIM Software.
- SW1-Asphalt Institute Software for flexible pavement design.
- SW2-Asphalt Institute Software for asphalt mixture design.

PERSONAL DETAILS:

Date of birth:	1 th Jun. 1972
Birth place:	Thi-Qar
Nationality:	Iraqi
Marital status:	Married
Kids:	Four

SPOKEN LANGUAGES:

Arabic	(Native language)
English	(Second language)

OTHER INFORMATION:

Here I want to highlight that I have a site experience as follows:

- Preliminarily design, detailed design and preparing tender documents for a road projects.
- Survey Working
- Study of Designing and Planning of Parking facilities in Irbid City Center/ Jordan.
- Study and analysis of Traffic Accident and preparing solution in University street, Irbid/Jordan
- Redesign of Jordan University of Science and Technology Road/Al-Ramath City.
- Redesign of Haryana Road by using IITpave software/New Delhi-India.

REFERENCES:

1. Prof. Abo-Qudais, S. A. (*MS.C. Supervisor*)
Civil Engineering Department,
Jordan Univ. of Science & Tech.
P.O. Box 3030
Irbid 22110, Jordan
Email: aboqdais@just.edu.jo.
2. Prof. Satish Chandra (*Ph.D. Supervisor*)
Professor, Department of Civil Engineering
Indian Institute of Technology Roorkee
ROORKEE 267667 (India)
URL: <http://www.iitr.ernet.in/~CE/satisfce>
Phone: 0091-1332-285468 (office).
3. Prof. Al-Jubair, H. Saad
Civil Engineering Department,
Faculty of Engineering
The Dean office
Basra University.
Basra, Iraq
Email: Hayderaljubair@yahoo.com.
4. Prof. AL-MASAEID, H. R
Civil Engineering Department,
Jordan Univ. of Science & Tech.
P.O. Box 3030
Irbid 22110, Jordan
Email: hashem@just.edu.jo