

INVOLVEMENT BY DR KHALED ABBAS

IN

TRANSPORT & TRAFFIC PROJECTS

CONDUCTED

IN EGYPT

BY SEVERAL ORGANISATIONS

(1993- 2002)

Transport Economics under New Variables & Policies in Egypt. (2000-2002)
Client: Research Center for Civil Engineering Studies- Faculty of Engineering - Cairo University for Transportation Planning Authority, Ministry of Transport, Egypt.

Role: Transport Consultant - Reviewing & developing manuals on:

- Non-traditional financing methods for transport projects,
- Procedure for conducting economic & financial appraisals of transport projects
- Life cycle stages & steps of privately financed transport projects

Arab Republic of Egypt
 Ministry of Transportation
 Transport Planning Authority (TPA)

**Transport Economics
 Under the
 New Policies and Variables**

**Final Report
 Executive Summary**

June 2002

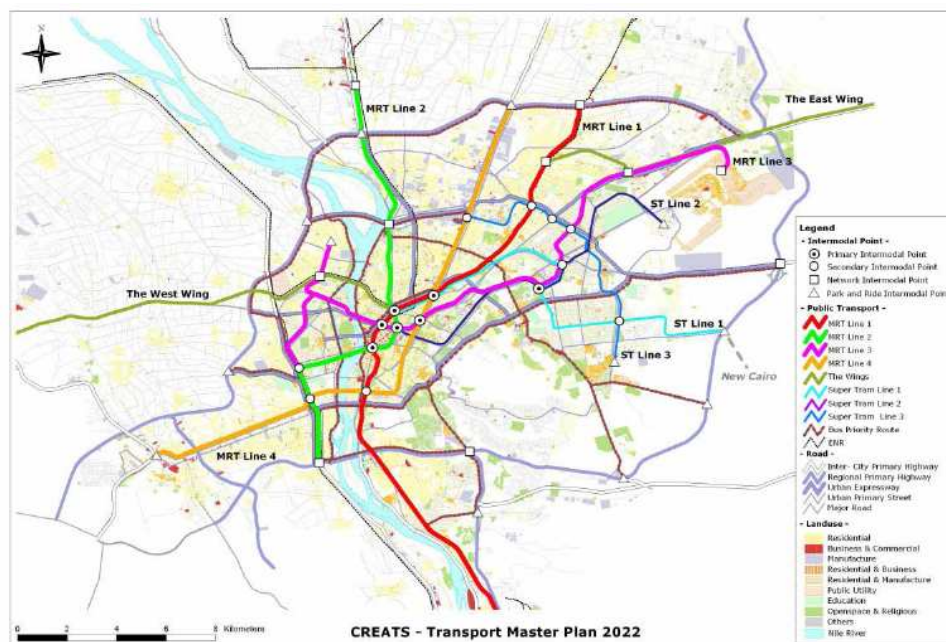

 Center for Civil Engineering Studies and Researches,
 Faculty of Engineering,
 Cairo University.
 In Association with
 Transport Planning & Engineering Consultants
 (EI – HAWARY & Associates)
 and

 The Research Center of Sadat Academy for Management Sciences

Household Survey conducted for the Cairo Regional Area Transportation Study (CREATS) (2001)

Client: Transportation and Traffic Engineering Research Unit - Faculty of Engineering, Ain Shams University for Japan International Cooperation Agency (JICA) & the Ministry of Transport. Egypt

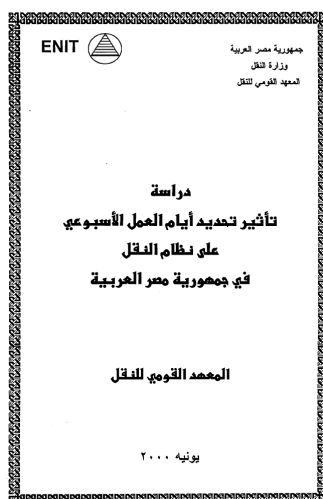
Role: Transport Consultant - Responsible for supervision of household travel surveys in three districts in Greater Cairo as part of developing urban transportation plan for Greater Cairo.



Impact Assessment of Reducing Weekly Working days on the Transport System in Egypt. (2000-2001)

Client: With Egypt National Institute of Transport for Ministry of Planning, Egypt

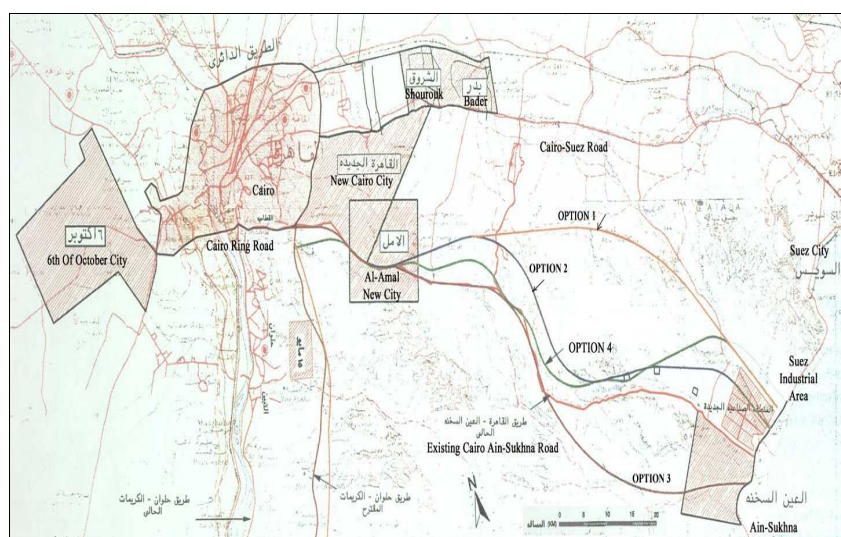
Role: Transport & Traffic Consultant - Drafting proposal and sharing in conducting assessment of reducing weekly working days on the intercity road & rail network in Egypt as well as on the metro and public transport systems in Cairo & Alexandria. Also co-authoring final report and a technical paper published in Arab Roads Journal



Environmental impact assessment of two road concessions (Kattamia-Ain El Sokhna Road and Helwan -Korimat Road). (2000)

Client: With Energy & Environment Services & Systems (Environics) for United Group for Highways Development (UGHD), Egypt

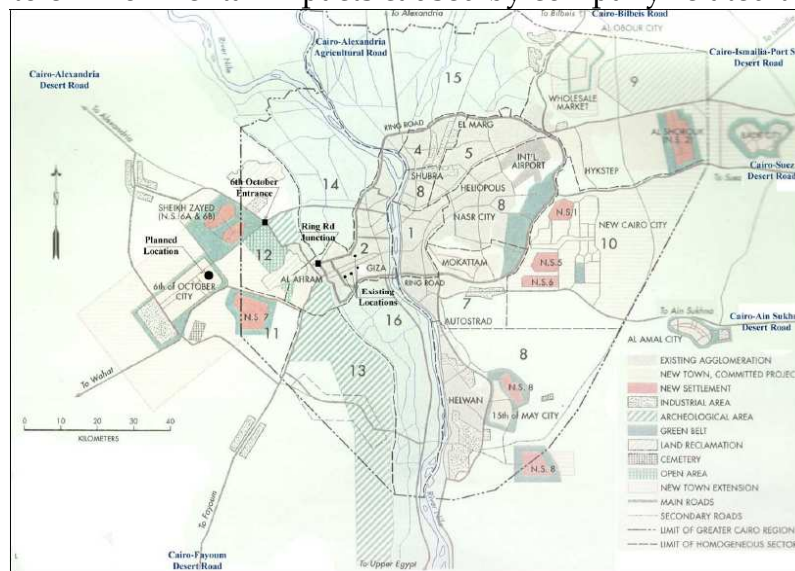
Role: Environmental Impact Consultant - Assessing environmental impacts resulting of alignment, construction and operation of two road concessions namely Kattamia-Ain El Sokhna Road and Helwan -Korimat Road.



Feasibility of relocating production and warehouse premises of the Eastern Company for Tobacco from Giza to 6th of October city (2000)

Client: With Energy & Environment Services & Systems (EnviroNics) for United Group for Highways Development (UGHD), Egypt

Role: Environmental Impact Consultant - Assessing feasibility of relocating production and warehouse premises of the Eastern Company for Tobacco from Giza to 6th of October city with regards to environmental impacts caused by company related transport activities.



Relationship between Accidents and Traffic Volumes at Main Road Intersections as well as at Rail Crossings in Greater Cairo (1999)

Client: With Transportation Research Unit - Faculty of Engineering, Ain Shams University for the Egyptian Academy of Scientific Research & Technology - Transport Research Council, Egypt

Role: Traffic Safety Consultant - Drafting proposal, sharing in laying down detailed study methodology, design of railroad grade crossing accident data collection forms and accompanying manual, classification of railroad grade crossings, supervision of collection of traffic and violations data. Also co-authoring several papers on the subject

أكاديمية البحث العلمي والتكنولوجيا

مجلس بحوث النقل والاتصالات

قسم الأشغال العامة

كلية الهندسة — جامعة عين شمس

دراسة علاقة الحوادث وأحجام المرور عند التقاطعات

على الطرق الرئيسية بالقاهرة الكبرى

وكذلك الحوادث على مزلقانات السكك الحديدية

Impact of Metro Systems on Efficiency of Urban Transport for the Poor (1997-1999)

Client: With Egypt National Institute of Transport & University of Westminster for Department for International Development (DFID). UK

Role: Transport Consultant - Drafting proposal, designing a revealed preference questionnaire for metro passengers, sharing in supervision of questionnaire & travel time surveys and writing final report and 2 technical papers published in international conferences.



Effect of General Agreement for Trade in Services on Inland Transport Sector. (1997-1999)

Client: With Technical Consultations Bureau for Transportation Planning Authority, Ministry of Transport, Egypt.

Role: Transport Consultant - Drafting proposal and initially Project Co-manager, Sharing in methodology development, Reviewing of performance indicators for inland transport sector, Analysis of performance indicators for intercity bus companies, Preparing a working paper on advanced technologies for inland transport sector

وزارة النقل والمواصلات
هيئة تخطيط مشروعات النقل



دراسة
أثر الاتفاقية العامة للتجارة في الخدمات (GATS)
على سياسات قطاع النقل البري
في جمهورية مصر العربية

التقرير النهائي
الجزء الأول

مكتب الاستشارات الفنية
(لاتين - السهلي)

يونيو ١٩٩٩

Investigation of Traffic Accidents on Intercity Roads in Egypt. (1996-1999)

Client: With Egyptian Traffic Police Department for Egyptian Academy of Scientific Research and Technology - Transport Research Council, Egypt.

Role: Traffic Safety Consultant - Sharing in design of accident data collection form for rural roads, Description of accident data management, Analysis of accident causes, Comparative analysis of accident indicators over the years, Drafting recommendations of the study.

نخث

حوادث المرور على الطرق السريعة

التقرير النهائي

عن الفترة من ١٩٩٧/١/١ الى ١٩٩٨/١٢/٣١

الجزء الأول

Developing National Highway Maintenance Code (1993-1999)

Client: Ministry of Reconstruction and New Communities, Egypt

Role: Road Maintenance Consultant - Member of the road maintenance sub-committee and sharing in laying down the relevant Egyptian Highway Maintenance Code. 1993-1999



International Northern Coastal Road Final Interim Report: Plausibility Study for Alternatives of Section 7 (1998)

Client: Egyptian Environmental Affairs Agency, Egypt.

Role: Environmental Impact Assessor - Reviewing Final Interim Report on International Northern Coastal Road: Plausibility Study for Alternatives of Section 7.



Development of Traffic Stream Relationships for Rural Roads in Egypt (1998)

Client: With Transportation Program -Development Research & Technological Planning Center (DRTPC) - Cairo University for Egyptian Academy of Scientific Research & Technology - Transport Research Council.

Role: Traffic Consultant - Conducting comparison of traffic data collection methods.



Egyptian National Institute of Transport Training Needs Assessment (1993)

Client: With Egypt National Institute of Transport for Planning Transport Research & Computation (PTRC), UK

Role: Transport Consultant - Conducting organisational analysis of the transport sector in Egypt, and conducting interviews with decision makers, academics and training consultants to assess training needs for the transport sector in Egypt.



Improvement of Pedestrian and Child Safety in Urban Areas - A Case Study of Cairo & Nairobi (1994)

<http://repository.uneca.org/bitstream/handle/123456789/1739/Bib-13368.pdf?...>

Client: Transport, Communications & Tourism Division (TCTD) of United Nations Economic Commission for Africa (UNECA), Addis Ababa, Ethiopia

Role: Traffic Safety Consultant - Development of an Integrated Traffic Safety Management. Assessing & comparing traffic safety for pedestrian & children in the cities of Cairo (Egypt) and Nairobi (Kenya) as case studies. Improve understanding of pedestrians and children traffic safety problem in urban areas, its root, direct and post causes. Developing a comprehensive program of traffic safety in Africa meant to prevent & reduce potential of pedestrians and children in accidents in urban areas.



**ECONOMIC COMMISSION
FOR AFRICA**



**Study on the Improvement of
Pedestrian and Child Safety
in Urban Areas**

Ad Hoc Expert Group meeting on Development of Urban Transport in Africa (1994)
Client: Transport, Communications & Tourism Division (TCTD) of United Nations Economic Commission for Africa (UNECA), Addis Ababa, Ethiopia
Role: Traffic Safety Consultant - Ad Hoc Expert Representative of Egypt - Present findings of the above mentioned study. Represent Egypt to come up with a road safety programme for UNECA to adopt within the framework of the United Nations Transport and Communications Decade in Africa (UNTACDA II)



ACKNOWLEDGEMENTS

The initial study was carried out by Dr. Khaled Abbas, Transportation Consultant and presented to an Ad-Hoc Group of Experts comprising the following:

Mr. M. Boukhalfa, Sous-Directeur de la Circulation Routière, Ministère des Transports/ Direction des Transports urbains et la Circulation Routière, Algiers, Algeria
 Mr. Atnafseged Kifle, Head, Planning and Prog. Dept., Road Transport Authority, Addis Ababa, Ethiopia

Mr. J.M.Y. Amegashie, Director of National Road Safety Council, Accra, Ghana

Mr. S. M. Waithaka, Chairman, National Road Safety of Kenya, Nairobi, Kenya

Dr. O. Agunloye, Corps Marshal and Chief Executive, Federal Road Safety Commission, Lagos, Nigeria

Dr. H. Ribbens, Programme Manager, Traffic Safety Research, Transportek, CSIR, Pretoria, South Africa

Mr. J.F. Chuwa, Chief Engineer, Ministry of Communications and Transport, Dar-es-Salaam

Mr. T.N.K. Adamah-Tassah, Secrétaire General prevention Routiere Togolais, Lome, Togo

Prof. Jef. F. Mortelmans, University of Leuven, Research Unit for Traffic Engineering and Infrastructure Planning, Leuven, Belgium

Mr. T. Assum, Head of Department, Institute of Transport Economics, Oslo, Norway

Professor M. Bongoy, Director, Transport, Communications and Tourism Division, ECA, Addis Ababa, Ethiopia

Mr. D. Ngangmuta, Senior Economic Affairs Officer, Transport, Communications and Tourism Division, ECA, Addis Ababa, Ethiopia

Mr. P. Were, Economic Affairs Officer, Transport, Communications and Tourism Division, ECA, Addis Ababa, Ethiopia

Dr. M.E. Dhlwayo, Economic Affairs Officer and Project Officer, Transport, Communications and Tourism Division, ECA, Addis Ababa, Ethiopia

Dr. Khaled Abbas, ECA Consultant, Egyptian National Institute of Transport

The outcome of the interventions from the Ad-Hoc Experts Group is incorporated in the final study.

Install, Test and Train on Traffic Engineering and Transportation Planning Software Models (2001)

Client: With Egypt National Institute of Transport for Cairo Traffic Engineering Bureau under a World Bank Grant No. TF 27279

Role: Traffic Consultant - As part of a team of Egypt National Institute of Transport in Association with Dowling Associates, Inc., USA shared in conducting training for traffic police officers and engineers on applying traffic software as well as in conducting a traffic study for Maadi district in Cairo.



Also responsible for the following studies during my work as Senior Transport/Traffic Planner & Economist with DAR AL-HANDASAH Consultants (Shair & Partners) (1994 to 1995 & 1997 to 1999)

1. Estimation of Equivalent Single Axle Loads for Residential & Recreation Area - Pyramids Heights, Egypt (E9911)
2. Traffic and Toll Study for Investment Roads in Egypt (Upgrading of Kattamia-Ain El Sokhna Road and Construction of a new Helwan -Korimat Road), Egypt (E9908)
3. Traffic Impact Assessment and Parking Study for San Stefano Complex, Egypt (E9907)
4. Estimation of Equivalent Single Axle Loads for Office Park - Pyramids Heights, Egypt (E9870)
5. Estimation of Equivalent Single Axle Loads for New Amiryah Pharmaceutical Plant, Egypt (E9853).
6. Traffic Study & Estimation of Equivalent Single Axle Loads for Orouba (Abbassia-Airport) Road, Egypt (E9840)
7. Planning for a New Destination City, Egypt (E9835)
8. Estimation of Equivalent Single Axle Loads for Off-Site Area - Marsa Alam Resort, Egypt (E9787).
9. Transportation Study for the Northern Gulf of Suez Special Economic Zone, Egypt (E9778)
10. Traffic Study and Estimation of Equivalent Axle Loads for Taba Beach Resort, Egypt (E9738)
11. Traffic Study and Estimation of Equivalent Single Axle Loads for New Residential Area (Al-Ashgar District) in 6th of October City, Egypt (E9729)
12. Pre-Feasibility Study of Build, Own, Operate and Transfer (BOOT) of Road Projects in Egypt, (E9706)
13. Build, Own, Operate and Transfer (BOOT) Road Projects in Egypt: Technical Assistance for Contract Negotiation, Egypt (E9706/1)
14. Estimation of Equivalent Single Axle Loads for Al-Rehab City, Egypt (E9639)
15. Traffic Study and Estimation of Equivalent Single Axle Loads for New City Development serving Damietta New Port, Egypt (E9628)
16. Traffic and Parking Study and Estimation of Equivalent Single Axle Loads for Ain Al-Sokhna Touristic Village -Site C, Egypt (E9627)
17. Traffic and Parking Study for Moqbela Hotel - Taba , Egypt (E9613)
18. Proposed Study for Al-Tahrir Shopping Mall, Car Parking and Bus Terminal, (PE98525), Egypt.
19. Proposed Improvement Study for Orouba (Abbassia-Airport) Road (PE98335), Egypt.
20. Proposed Tunnel Construction to Relieve Traffic Congestion for Cornish El Nile Road, Egypt (PE97501)