

UNPUBLISHED MATERIAL

1. Abbas K. A. (1991) **The Development of a Road Management System With Particular Reference to New Cities in Egypt: An Application of System Dynamics Methodology**. Ph.D. Thesis. Transport Engineering and Operations Division, Civil Engineering Department, University of Newcastle upon Tyne, UK
2. Abbas K. A. (1999) **Travel Demand Management**. A Review Report Submitted for the Civil Engineering (Public Works) Scientific Committee of the Egyptian Universities Supreme Council.
3. Abbas K. A. (2002) **Role of Government in National Transport**. A State of the Art Review Report Submitted for the Scientific Committee of the Egyptian National Institute of Transport.

RESEARCH/CONTRACT/PROJECT REPORTS

IN EGYPT

Lead author or co-authored the following reports with various consultants in Egypt

1. Integrated Role of Egypt National Institute of Transport & Training Centers at MOT and Transport Planning Authority & Minister Technical Bureau (2012-Ongoing) Egypt National Institute of Transport for Ministry of Planning and International Cooperation, Egypt
2. Development of Strategic Plan for Transport Sector in Egypt (2012-Ongoing) Egypt National Institute of Transport for Ministry of Planning and International Cooperation, Egypt
3. Review of Previous Transport Studies & Development of Policy and Measures Packages for Transport Sector in Egypt (2012-Ongoing) Egypt National Institute of Transport for Ministry of Planning and International Cooperation, Egypt
4. Technical Advice & Support to Egypt Ministry of Transport: Various Studies – 4 Volumes - Research & Technical Advice (2012-2013) Egypt National Institute of Transport for Ministry of Planning and International Cooperation, Egypt
5. Prefeasibility Studies for Projects Suggested to be Financed through Public Private Partnership between Government & Private Sector – Inception Report (2013)
6. Options for Traffic Movements During Repair Works for Berkat Al-Sabah Bridge – Cairo Alexandria Agriculture Road (2013) Egypt National Institute of Transport for Ministry of Transport & Ministry of Planning and International Cooperation, Egypt
7. Projects for all Agencies & Authorities under Egypt Ministry of Transport Auspicious (2013/2014 Budget): Priorities & Recommendations (2013) Egypt National Institute of Transport for Ministry of Transport & Ministry of Planning and International Cooperation, Egypt
8. Assessment of Impact of Land Use Management Measures on Sustainability of Traffic System in Greater Cairo (2011-2012) Egypt National Institute of Transport for Ministry of Planning and International Cooperation, Egypt.
9. Impact of Land Use Management Factors on Sustainability of Transport & Traffic System (2012) Egypt National Institute of Transport for Ministry of Planning and International Cooperation, Egypt.
10. Assessment of Transport Organisations Under Ministry of Transport Using Key Performance Indicators (2011-2012) Egypt National Institute of Transport for Transportation Planning Authority, Ministry of Transport, Egypt
11. Review of Traffic Impact Assessment Studies & Reports for Macro Cash Retail Centre (2011-2012) Egypt National Institute of Transport for, Ministry of Transport, Egypt
12. Transport Economics under New Variables & Policies in Egypt. (2000-2002) with Research Center for Civil Engineering Studies- Faculty of Engineering - Cairo University for Transportation Planning Authority, Ministry of Transport, Egypt.
13. Impact Assessment of Reducing Weekly Working days on the Transport System in Egypt. (2000-2001) with Egypt National Institute of Transport for Ministry of Planning. Egypt
14. Environmental impact assessment of two road concessions (Kattamia-Ain El Sokhna Road and Helwan -Korimat Road) (2000) with Energy & Environment Services & Systems (Environics) for United Group for Highways Development (UGHD), Egypt
15. Feasibility of relocating production and warehouse premises of the Eastern Company for Tobacco from Giza to 6th of October city (2000) with Energy & Environment Services & Systems (Environics) for United Group for Highways Development (UGHD), Egypt
16. Relationship between Accidents and Traffic Volumes at Main Road Intersections as well as at Rail Crossings in Greater Cairo (1999) with Transportation Research Unit - Faculty of Engineering, Ain Shams University for the Egyptian Academy of Scientific Research & Technology - Transport Research Council, Egypt
17. Bahgat A. G., El-Tony F., El-Mahdi R., Boshra E., Abbas K., Fattah A., Al-Keelany O., and White P. R. (1999) A Study of the Cairo Metro With Particular Reference to the Impact on the Urban Poor: Including Comparisons with Santiago and Rio de Janeiro. Final Report. A Study undertaken by the Egyptian Institute of Transport (ENIT) and the University of Westminster (UoW) as sub-contractors to PTRC Ltd. The study was funded by the Department for International Development (DFID) of the Government of Great Britain (contract no. KAR6853).
18. Effect of General Agreement for Trade in Services on Inland Transport Sector. (1999) with Technical Consultations Bureau for Transportation Planning Authority, Ministry of Transport, Egypt.
19. Investigation of Traffic Accidents on Intercity Roads in Egypt. (1999) with Egyptian Traffic Police Department for Egyptian Academy of Scientific Research and Technology - Transport Research Council, Egypt.
20. Developing National Highway Maintenance Code (1993-1999) for Ministry of Reconstruction and New Communities, Egypt

21. Review of International Northern Coastal Road Final Interim Report: Plausibility Study for Alternatives of Section 7 (1998) for Egyptian Environmental Affairs Agency, Egypt.
22. Development of Traffic Stream Relationships for Rural Roads in Egypt (1998) with Transportation Program -Development Research & Technological Planning Center (DRTPC) - Cairo University for Egyptian Academy of Scientific Research & Technology - Transport Research Council.
23. United Nations Economic Commission for Africa (UNECA). Regional Cooperation & Integration Division (Transport Programme) (1997) Study on the Improvement of Pedestrian and Child Safety in Urban Areas (in English & French). Initial study was carried out by Dr. Khaled A. Abbas, Transportation Consultant & presented to an Ad-Hoc Group of Experts in 1994.
24. Egyptian National Institute of Transport Training Needs Assessment (1993) with Egypt National Institute of Transport for Planning Transport Research and Computation PTRC, UK

Presidential and Ministerial Reports

Strategic Plans of the United States Department of Transport & Main Administrations – Report Prepared to the Minister of Transport in Egypt (October 2001)

مشاكل المرور فى القاهرة الكبرى: الأسباب واستراتيجيات الحلول – تقرير مقدم الى السيد وزير النقل المصرى (١٩٩٩)
تطوير لنظم النقل والمرور المستدامة بالمدن الحضرية بجمهورية مصر العربية – تقرير مقدم الى السيد رئيس جمهورية مصر العربية (يونيو ٢٠١٢)

Co-authored the following reports 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 & 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)

FOR UNITED NATIONS

Conducted studies & authored the following reports for United Nations Organisations

1. United Nations Economic Commission for Africa (UNECA) / Regional Cooperation & Integration Division (Transport Programme) (1997) Study on the Improvement of Pedestrian and Child Safety in Urban Areas (in English & French). The initial study was carried out by Dr. Khaled A. Abbas, Transportation Consultant & presented to an Ad-Hoc Group of Experts in 1994.
2. Integrated Transport System in Arab Mashreq (ITSAM): An Integrated Information System (INFOSYS) – A Proposed Regional Road Transport Information System (2001) Subcontracted for Transport Committee – Economic and Social Commission for Western Asia (ESCWA) – UN.

IN USA

1. Abbas K. A. (1995) BTMS: A Generic Bus Transit Management System. Transportation Research Report. Center for Transportation Research, Bureau of Engineering Research, The University of Texas at Austin, Austin, Texas, USA.

IN SAUDI ARABIA

Conducted studies & co-authored the following reports

1. Development of Local Area Plans and Action area Plans for Dammam, Qatif & Ras Tanura in Saudi Arabia (2004-2005) with Azmi Abdulhadi & Abdulla Al Moaibed Consulting Engineering Company & Parsons Brinckerhoff International UK for Dammam Metropolitan Authority, Saudi Arabia
2. Traffic Impact Assessment for Proposed Dammam Hypermarkets (2005) for Savola Development Company. Co-authored the following reports during my work as Senior Transport/Traffic Planner & Economist with DAR AL-HANDASAH Consultants (Shair & Partners) (1994 to 1995 & 1997 to 1999)
3. Traffic Impact Assessment for Jabal Al Kabah Development Project, Saudi Arabia (S9745)
4. Traffic Study and Estimation of Equivalent Single Axle Loads for Yanbu-Rabigh-Thuwal Expressway, Saudi Arabia (S9730)
5. Traffic Study and Estimation of Equivalent Single Axle Loads for Qassim-Madinah Expressway, Saudi Arabia (S9657)

IN UAE

Conducted studies & authored the following reports for Roads and Transport Authority (RTA) – Dubai – UAE

1. Effect of Transport on Dubai Economy (2008-2009)
2. Pickup Transport in Dubai (2009)
3. RTA Policy on Public Private Partnerships for Transport Infrastructure & Services (English & Arabic Versions) (2010)
4. RTA Procedures Manual on Public Private Partnerships for Transport Infrastructure (2010)
5. Financial Government Implications Resulting from Subsidising Fuel for Taxis in Dubai (2010)

Team Leader of studies and co-author of the following reports for Roads and Transport Authority – Dubai – UAE

1. Cost Benefit Analysis of Roads and Transport Projects in Dubai (2009-2010)
2. Audit of Serco Team Performance in Accordance with Bus Operations Management Office (2009-2010)
3. Draft for a Public Private Partnership (PPP) Law for Dubai (2010)
4. Public Private Partnership (PPP) Projects Prioritisation Process (2010)
5. Clean Transport System in Dubai: Achieving RTA Strategic Goals (2011)

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

1. Traffic Impact Assessment and Parking Study for Bur Juman Center Extension Project, Dubai (D9825)
2. Traffic Study for Dubai Airport Free Zone, Dubai (D9716)
3. Design for Operation of a Shuttle Bus Service between Parking Areas and Dubai World Trade Center, Dubai (D9427)
4. Estimation of Equivalent Single Axle Loads for Dubai World Trade Center, Dubai (D9427)
5. Design of Signalized 4-arm Intersection at Al-Mankhoul Roads, Dubai (D9418)
6. Improvement of Alltihad Road & Interchanges at Al Qiyadah Flame Roundabout Port Saeed & Airport Road, Dubai (D9413)
7. Traffic & Parking Study & Estimation of Equivalent Single Axle for Community No. 128 in Dubai (D9413)
8. Estimation of Equivalent Single Axle Loads for Guard Administration Building, Abu Dhabi, United Arab Emirates (AD9736)

IN AUSTRALIA

Team Leader of studies and co-author of the following reports at Snowy Mountains Engineering Corporation (SMEC) – Canberra – Australia

1. Eastern Broadacre Traffic and Transport Modelling (2008) for Macroplan/ACT Planning and Land Authority
2. Traffic Modelling and Analysis for Parkes Way – Kings Avenue Intersection Options (2008) for National Capital Authority
3. Modelling and Analysis of Parkes Way – Constitution Avenue Road Network in Light Kings Avenue Intersection Options (2008) for National Capital Authority
4. Modelling and Traffic Analysis of Proposed East-West Link (2008) for Port Macquarie Hastings Council
5. Modelling & Feasibility of North Weston Intersections (2008) for ACT Procurement Solutions
6. Modelling Road Network Options Along Parkesway in Light of Russell Office Expansion (2008) for National Capital Authority
7. Park and Ride Strategy for the Australian Capital Territory (2007-2008) for ACT Procurement Solutions
8. Parliamentary Triangle Study (2006-2008) for National Capital Authority
9. Area 13 & Sancrox Traffic Study (2006-2008) for Port Macquarie-Hastings Council
10. Athllon Drive Closure (2007) for Client: ACT Procurement Solutions
11. Woden East Development Concept Review of Master Plan (2007) for Hindmarsh Property
12. Intersection Analysis for North-West Link (2007) for Austrlands Holdings
13. Callam Street Traffic Impact Assessment (2007) for Hindmarsh Property
14. Gungahlin Drive – Wells Station Drive Intersection (2007) for ACT Procurement Solutions (ACTPS)
15. Humanities and Science Campus: Traffic Analysis of Master Plan Options (2007) for National Capital Authority as subconsultant to Spackman & Mossop Landscape Architects.

16. Road Access Arrangements – Albert Hall Precinct (2007) for National Capital Authority
17. Wooden East Traffic Impact Assessment (2007) for Land Development Agency
18. Pialligo Road Network in Light of Section 48 Stage 1A Future Development (2006-2007) for Canberra Capital Airport Group as sub Consultant to Mallesons Stephen Jaques
19. Review of Traffic Impact Assessment Section 48 Traffic Review Stage 1A - Ratio Report (2006) for Canberra Capital Airport Group
20. Review of Proposed DFO Shopping Centre Development Consistency with Preliminary Assessment & Traffic Impact Study (2006) for Canberra Capital Airport Group
21. Traffic Impacts on Newcastle Street Due to Local Developments (2006) for Canberra Capital Airport Group
22. West Belconnen Regional School TIA (2006) for ACT Procurement Solutions (Department of Education and Training)
23. Canberra Airport Access Study (2006) for Canberra Capital Airport Group
24. Lidcombe Town Centre Studies (2006) for Auburn Council – Sydney - Australia
25. Gateway Upgrade Project (2006) for Main Roads, Queensland
26. Pialligo Avenue Upgrade – Airport Access (2005-2006) for Procurement Solutions
27. Hastings Roads & Traffic Study (2000- 2006) for Port Macquarie-Hastings Council

Authored the following reports at Snowy Mountains Engineering Corporation (SMEC) – Canberra – Australia

1. Hobart Travel Demand Model (2006-2007) for Department of Infrastructure, Energy and Resources (DIER)
2. Institutional Development Study for Highway Department: Congestion Management and Parking Strategy (2006) for Government of Tamil Nadu, India

Co-authored the following reports at Snowy Mountains Engineering Corporation (SMEC) – Canberra – Australia

1. Southern Distribution Business Park Road Access Study (2008) for Mariner (as sub consultant to BG&E Consulting Engineers - Sydney)
2. Molonglo Roads Feasibility Study (2007-2008) for ACT, Department of Urban Services
3. Majura Parkway / Pialligo Avenue Options Review (2007) for ACT Procurement Solutions
4. Development of a Structural Plan for Cooma CBD (2007) for Subcontracted to CBRE to Cooma Council – NSW s
5. Crace Infrastructure Forward Design (2007) for ACT Procurement Solutions
6. National Travel Behaviour Change Project –Phase C Evaluation, ACTPLA (2006-2007) for ACT Planning and Land Management as sub consultant to IMIS
7. Batemans Bay Bypass (2006) for Eurobodalla Shire Council
8. Kings Highway (2006) for Department of Urban Services, Roads ACT
9. Concept Design and Preliminary Assessment Consultancy for ACT Dragway (2006) for ACT Procurement Solution
10. Traffic Impact Assessment of Goulburn Southern Distribution Business Park (2006) for Mariner (as sub consultant to BG&E Consulting Engineers - Sydney)

IN OTHER MIDDLE EAST COUNTRIES

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

Country	Reports
Lebanon	<ol style="list-style-type: none"> 1. Economic Appraisal of Improvement of Ouzai Road and Construction of Khaldeh/Cocodi Road in Beirut, Lebanon (L9708) 2. Development of a Traffic Model for the City of Saida, Lebanon (L9414)
Algeria	<ol style="list-style-type: none"> 1. Economic Evaluation for Lakhdaria - Bouira Autoroute, Algeria (A9545) 2. Assessment of Tunnel Densities at Different Speeds for East-West Motorway - Section Lakhdaria - RN5 Connection, Algeria (A9545)
Morocco	<ol style="list-style-type: none"> 1. Traffic Study for Upgrading RP8 Casablanca/EL-Jadida Freeway & introduction of Toll, Morocco (MC9590) 2. Estimation of Traffic Turning Movements at Interchanges for the Rabat-Fes Motorway, Morocco (MC9316)
Jordan	<ol style="list-style-type: none"> 1. Estimation of Parking Requirement for Extension to Meridian Hotel in Amman, Jordan (J9847)
Yemen	<ol style="list-style-type: none"> 1. Estimation of Equivalent Single Axle Loads for Improvement of Taiz-Jabal Sabr Road, Yemen (Y9651)
Turkey	<ol style="list-style-type: none"> 1. Estimation of Equivalent Single Axle Loads for Glaxo/Wellcome Pharmaceutical Packing and Warehouse Facility, Turkey (TK9863) 2. Traffic Study for Bursa Ring Road, Turkey (TK9723) 3. Assessment of Tunnels Speed/Flow Relationship for Bursa Ring Road, Turkey (TK9723)
Qatar	<ol style="list-style-type: none"> 1. Traffic Study and Estimation of Equivalent Single Axle Loads for Al-Dukhan Residential Area, Qatar (Q9818) 2. Traffic Study for the Ras Laffan Housing Project, Qatar (Q9431)
Angola	<ol style="list-style-type: none"> 1. Estimation of Equivalent Single Axle Loads for Zaire Region, Angola (AN9468).

COMMUNITY PRESENTATIONS

In Egypt

1. Abbas K. A. (2014) Fog Management System. In 1st Workshop on Road Management System During Fog for Increasing Safety. Organised by General Authority for Roads, Bridges and Land Transport. 21-05-2014.
2. Abbas K. A. (2014) Transport & Development: Balanced or Leading. In 2nd Workshop on Guidelines for Planning & Operations of Transport System in Light of Preserving Current National Road Network. Organised by General Authority for Roads, Bridges and Land Transport. 05-08-2014.

In Saudi Arabia

1. Abbas K. A. (2002) An Integrated System for Sustainable Management of Traffic Safety. Seminar Organised by Public Lecture Committee, College of Architecture and Planning, King Faisal University – Saudi Arabia.
2. Abbas K. A. (2004) Sustainable Development: Transport and the Environment. Public Scientific Lecture within the First Campaign for Environment Awareness in Eastern Province – Saudi Arabia. Organised by Dammam City Municipality and Saudi Association for Engineers.

In USA

1. Abbas K. A. (1995) Improvement of Pedestrian and Child Safety in Urban Areas. Advanced Institute for Transportation Infrastructure Engineering and Management Lecture Series, Department of Civil Engineering, The University of Texas Austin, Texas, USA
2. Abbas K. A. (1995) Introduction to Transportation Planning. Advanced Institute for Transportation Infrastructure Engineering and Management Summer Symposium Series, Department of Civil Engineering, The University of Texas Austin, Texas, USA
3. Abbas K. A. (1995) BTMS: A Generic Bus Transit Management System. Institute of Transportation Engineers Local Series, Department of Civil Engineering, The University of Texas Austin, Texas, USA.
4. Abbas K. A. (2001) Effect of Transport on the Development of New Cities in Egypt. Globalization, Governance and Planning Seminar. Organised by City and Regional Planning Department, Cornell University, USA.
5. Abbas K. A. (2001) Hubert H. Humphrey Fellowship Annual Seminar: Building a Global Network of Democracy: Leadership Beyond Elections. Sponsored by the United States Department of State - Administered by the Institute of International Education. Washington DC. USA. October 29-November 3, 2000.

In Australia

1. Abbas K. A. (1993) The Development of a Road Management System: An Application of System Dynamics Methodology. Research Seminar, Civil & Geological Engineering Department, Royal Melbourne Institute of Technology, Melbourne, Australia.

In Canada

1. Abbas K. A. (1990) System Dynamics and its Potential Applicability to Modelling Transportation Problems. Research Seminar, Civil Engineering Department, University of Alberta, Edmonton, Canada.
2. Abbas K. A. (1990) A Computer Based Support for Management of Investments in Road Infrastructure. Research Seminar, Civil Engineering Department, University of Alberta, Edmonton, Canada.
3. Abbas K. A. (1990) The Role of Transport in the Development of Industrial Enterprises in New Cities. Research Seminar, Civil Engineering Department, University of Alberta, Edmonton, Canada
4. Abbas K. A. (1990) Research at the Transport Operations Research Group of the University of Newcastle Upon Tyne. Research Seminar, Civil Engineering Department, University of Alberta, Edmonton, Canada.