

ADIL BISHARA

Traffic Engineer



B.T.E
Traffic Engineering Ltd.

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Founder and CEO of B.T.E Traffic Engineering Ltd. and a senior engineer with a strong track record of parking design, planning and consultancy of projects ranging from small surface lots to multi-level facilities serving thousands of vehicles. Under his helm, B.T.E. has amassed a diverse portfolio of hundreds of projects in residential, retail, intermodal and mixed used sites including airports, ports, office buildings, entertainment complexes, government buildings, hospitals, universities, hotels and more.

Expertise

- Planning and designing multi-use, mixed-use and multi-modal parking facilities.
- Site analysis and conceptual design studies.
- Traffic flow and functional design.
- Parking layout, circulation and ramp design.
- Automated parking design.
- Parking access and revenue control systems.
- Parking Traffic Signage and way-finding design.

Career History

- 2006-2018 Traffic advisory engineer at The Ministry of Construction and Housing
- 2006-2016 Advisory and inspector engineer of operational elements of traffic projects plans (Jerusalem district, central and southern areas)
- 1999-2018 A private engineering office manager specializing in traffic planning.
- 1999-2005 Traffic engineer at Kav-Hai Engineering Company; During my job I was involved in parking planning for public buildings, housing buildings and industrial compounds. My job also entailed creating transportation surveys that included traffic forecasts, service analysis, and brainstorming suggestions for advancing and promoting transportation. In addition, I was involved in traffic signal planning, temporary and permanent traffic control, and other traffic analysis for mass transportation systems.

Projects

- Traffic and parking planning for: HaDekel neighborhood in Eilat; The Bedouins district in Shfaram (a Ministry of Construction and Housing project); Nahalat Yehuda residential area, Rishon Lezion (Gindi Chen &...)

Projects (continued)

...Itai Group). Design in residential areas in Natanya while collaborating with several entrepreneurial engineers as well as parking planning at Hagosh HaGadol district (The Hajaj Company).

- Conducting impact evaluations in urban transport for industrial and residential areas and office buildings in Rishon Lezion's industrial zone; Natanya's industrial zone (K. Eliezer) located in Matmid Street, Aiven Yehuda Street; etc.
- Parking planning for industrial buildings at the industrial center in Amiad (Polar Infrastructure Ltd.); Ness Ziona (TRAS); Rehovot (Tel Dar Initiatives); etc.
- Traffic and parking planning for the industrial complexes Tempo Logistics Center, Eilat; Negev Ceramics Ltd; Beit Lhadim Tzur Yitzhak, etc.
- Parking and Traffic planning for nursing homes in Nave Reiya; Petah Tikva; construction to start a nursing home expansion at Ahuzat Bayit, Ra'anana (Malibu Israel Ltd.); Diving center for people with disabilities in Eyal, etc.
- Parking planning for TAMA38 as part of a collaboration between government offices and private entrepreneurial engineers, private companies, etc. B.T.E provided parking plans consultation and advanced parking solutions via regular and mechanical parking facilities.
- Road and traffic planning for The Ministry of Housing and Construction. Physical road system planning; planning and managing of building access construction and parking lots planning.
- Participation in road and junction planning for Omer interchange (Highway 60), Yarkon interchange (Highway 40), Adanim interchange (Highway 40), Ilanot interchange (Highway 4). Traffic analysis reports; traffic planning and signage design (in collaboration with Jason Yerushalmi Company.)
- Participation in a project for detection and planning of integrated transportation centers which offer service to railway, light rail and buses provided as advisory services to the Transport Ministry and the administration of planning in the Ministry of Interior. Location finding; internal layout planning of numerous stations among the bus stations; planning private parking lots; and combining the planning structure with a master plan appendix 21/3 and 5.
- Participation in public transport terminals planning at Orlov terminal in petah Tikva; bus terminal in Rosh HaAyin; railway station at Kesem.
- Consultation to the Jerusalem Tochnit-Av (master plan) team for upgrading the public transport layout in West Jerusalem. Public transport labeling; locating and planning bus stations and terminals.
- Gas stations planning in Kibutz Saar; Kibutz Dafna; Kibutz Givaat hayim; Rishon Lezion; etc. Traffic and parking layout planning and design in the stations' realm; access planning and connections to roads followed by a prior matching signage design.
- Creation of traffic plans for the project "Green Cellular" (Sifra Green Solutions.) A nationwide project combining both cellular, and infrastructures. The project included cellular location planning according to the road ranking and accordingly planning traffic signals and installing traffic safety control devices.

Education & Professional Credentials

- Technion Haifa, Israel: BSc in Civil Engineering, 1998. Specialization: traffic and transportation engineering.
- Ministry of Transport and Road Safety: Traffic engineer certification.
- Ministry of Construction and Housing: registered member.
- Ministry of Interior: registered advisor engineer.

Languages

English ● ● ● ● ●

Arabic ● ● ● ● ●

Hebrew ● ● ● ● ●

Projects (continued)

- Traffic signal planning in urban junctions and other junctions located on roads in Mavo Hasapanim; the National Electric Power company junction; the main gate at Ashdod port junction, etc.
- Planning in junctions located at Krol; Pinsker; Rothschild, and Orlov Streets in Petah Tikva; junctions in the Ashdod port on highway No. 41; Hayim Ozer/Shpigel in Petah Tikva and Weiztmann Raanana; etc.
- Planning temporary traffic management during infrastructure works, restoration works at Levi Eshkol Street in Kiryat Ono; road restoration in Remez; Sderot Yerushalayim; Brodetsky Street in Natanya; road restoration in Rosh HaAyin and an active participation in preparing traffic management plans for bridge restoration projects along highway No. 2 and highway No. 90.
- Signage plans for various junctions such as the traffic signals located at the Aharonovitch/Sokolov junction in Kfar Saba; junctions located at Krol, Pinsker, Rothschild, and Orlov Streets in Petah Tikva; junctions in the Ashdod port on highway No. 41; Hayim Ozer/Shpigel in Petah Tikva and Weiztmann Raanana, etc.