



مهندسين مشاور

عمران تدبير آسيا

Omran Tadbir Asia Consulting Engineers

- Roads
- Railways
- Surveying
- Passive Defence

Head Office: No179, Vakil Abad 17 Ave, Vakil Abad Blvd, Mashhad, Iran  
Tel/Fax: +98(0)51 36 074422-9922

Office2: Flat 10, No 948, Jalali Khomeyni Int, Farjam Ave, Tehran, Iran  
Tel/Fax: +98(0)21 77 45 46 06

E-mail: [info@omrantadbir.com](mailto:info@omrantadbir.com)

Website: [www.omrantadbir.com](http://www.omrantadbir.com)



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WhatsApp: +98 990 471 3242

Address: No. 179, Vakilabad 17th Ave, Vakilabad Blvd, Mashhad, Iran



## KEY SKILLS

- [Railway]
- [Road]
- [Surveying]
- [Passive Defence]

## EDUCATION & TRAINING

### [ISO 9001:2015]



### [ISO 21500:2021]



## INTRODUCTION

Omran Tadbir Asia, a private consulting engineering company, was established in 2011 in Iran.

With recognized qualifications in the fields of **roads**, **railways**, **surveying**, and **passive defence**, and supported by a team of specialists graduated from prestigious universities in disciplines such as transportation, structural engineering, hydraulics, hydrology, mapping, and GIS studies, the company is well-prepared to provide comprehensive advisory services in the following areas:

## PROFESSIONAL EXPERIENCE

### Key Fields of Activity:

#### [Railway Department]

Delivering cost-effective technical solutions in railway infrastructure to support sustainable development and improve the long-term well-being of society.

- Rail systems design
- Review and validation of railway track design solutions, with emphasis on maintainability and accessibility
- BIM and project visualization solutions for railways
- Project monitoring and management solutions
- Railway track engineering
- Geotechnical and geospatial solutions for railways
- Planning and design of access roads for railway station construction and operation

## [Road Department]



- Detailed reconnaissance using aerial survey and photogrammetry
- Feasibility studies and DPR reports, including pavement designs
- Assessment of available information, such as survey data, geotechnical and hydrology reports, traffic data, and general arrangement drawings
- Inventory and condition surveys for project roads, bridges, cross-drainage structures, and other related structures
- Field investigations, including:
  - ✓ Detailed geotechnical studies
  - ✓ Evaluation of existing road assets and pavement structure
  - ✓ Hydrology, environmental, and social impact assessments
  - ✓ Test pits to assess the effectiveness of existing pavement
  - ✓ Material investigations (borrow areas, quarries, CBR tests for pavement design)
  - ✓ Topographic surveys using aerial methods, mobile LiDAR, DGPS, and total stations within the ROW
  - ✓ Subgrade investigations
  - ✓ Review of design standards and typical cross-sections provided in RFP/feasibility reports, with comments on feasibility
- Design and drawings for elevated corridors, flyovers, underpasses, and overpasses
- Design of earth-retaining structures based on site-specific requirements
- Design of pedestrian crossings and intersections
- Drainage system design

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- Design of roadside facilities, such as truck lay-bys, bus bays, and related appurtenances
- Traffic safety design
- Designs addressing environmental and social concerns
- Land Acquisition Plans and Utility Relocation Plans
- Preparation of environmental and social reports
- Preparation of Bills of Quantities (BOQ)

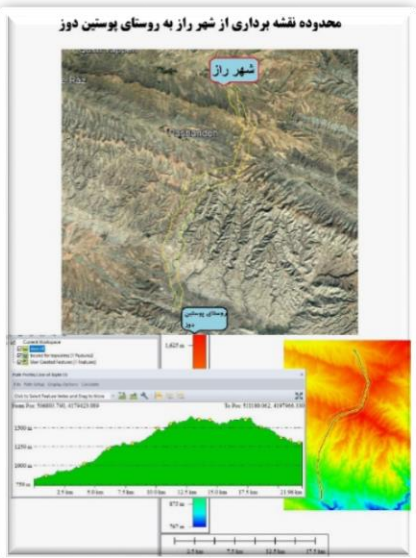
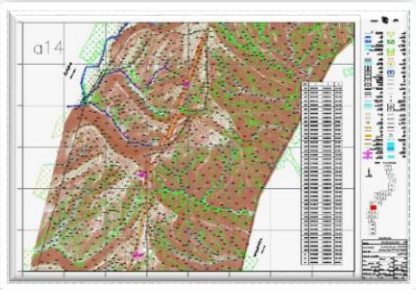


## [Surveying Department]

Clients rely on our surveying and mapping professionals to collect accurate and reliable field data for infrastructure planning, design, and construction. By ensuring projects are built on a solid foundation, we establish the groundwork for efficiency, durability, and integrity in infrastructure development.

Our services include:

- Creating maps, charts, and related documents that illustrate land features
- Collecting and analysing data to define boundaries, contours, and land characteristics
- Determining the size, shape, and legal boundaries of land parcels
- Utilizing GPS, total stations, aerial photography, LiDAR, and other technologies to examine land features
- Researching land records, deeds, and legal documents to confirm boundaries
- Providing recommendations to individuals and organizations regarding land use and development
- Advising on best practices for developing specific land parcels
- Supporting the development of engineering projects such as roads, bridges, and pipelines
- Providing expert testimony in legal proceedings related to boundary disputes
- Conducting topographic and boundary surveys
- Developing and managing Geographic Information Systems (GIS)
- GPS positioning and geospatial analysis



## Board of Directors



### Omid Sheikhi Karizaki [CEO]

Institution	Faculty of Civil, Ferdowsi University, Mashhad, Iran
Date	2005-2008
Degree(s) obtained	M.Sc. of Civil Engineering- Road and Transportation

Institution	Faculty of Civil, Ferdowsi University, Mashhad, Iran
Date	2001-2005
Degree(s) obtained	B.Sc. of Civil Engineering



### Seyyed Mohammad Ahmadi [Chairman]

Institution	Faculty of Civil, Ferdowsi University, Mashhad, Iran
Date	2004-2007
Degree(s) obtained	M.Sc. of Civil Engineering- Road and transportation

Institution	Faculty of Civil Engineering , Islamic Azad University, Mashhad, Iran
Date	1999-2004
Degree(s) obtained	B.Sc. of Civil Engineering



### Mahmood Reza Shoghi Motlagh

#### [Member of the Board]

Institution	Faculty of Civil Engineering, Sharif University of Technology, Tehran, Iran
Date	1983-1988
Degree(s) obtained	B.Sc. of Civil Engineering

\* Organization Chart is attached.

## Projects

No.	Project title	Employer / Client	Year
1	Studies of the Jomhuri Eslami Intersection Located on the Azadshahr Bypass	Construction and Development of Transportation Infrastructures Company	2025
2	Supervision of the Construction of the Second Section of the Second Lane of the Khalilabad–Bardaskan Road	Razavi Khorasan Road and Urban Development Organization	2025
3	Design and Studies of the Western Side Grade-Separated U-Turn of Azadi Square and the Ketab Underpass	Mashhad Municipality	2025
4	Studies for rural and secondary roads in the province (Bojnurd, Garmeh, Jajarm, Raz, Jargalan, Maneh, Samalqan, Bam, and Safiabad counties)	North Khorasan Road Maintenance and Transportation Organization	2025
5	Consulting services for supervision and monitoring of National Housing land preparation in Torbat Heydarieh	Razavi Khorasan Road and Urban Development Organization	2025
6	Consulting services for supervision and monitoring of National Housing site preparation in Torbat-e Jam, Taybad, Roshtkhar, Bakharz, and Zaveh	Razavi Khorasan Road and Urban Development Organization	2025
7	Study and design of Imam Reza Boulevard (Mashhad Road)	Bojnurd Municipality	2024
8	Surveying services for General Directorate of Urban Planning and Studies projects (1403)	Mashhad Municipality	2024
9	Studies for rural roads in Faruj and Esfarayen counties, and Garati–Neqab corridor	North Khorasan Road Maintenance and Transportation Organization	2024
10	Type 1 rehabilitation studies for Faruj–Shirvan Road	North Khorasan Road Maintenance and Transportation Organization	2024
11	General and site supervision of rehabilitation, safety, and bridge construction on Jiroft–Esfandagheh Road	South Kerman Road Maintenance and Transportation Organization	2024
12	Design and study of Khorramshahr Square Interchange in Bojnurd	Bojnurd Municipality	2024
13	Studies for access road to Siasteragi Copper Mines in Sistan and Baluchistan Province	Iranian Mines and Mining Industries Development and Renovation Organization (IMIDRO)	2024
14	Supervision of construction of rural road (Hesaruiyeh–Nosratabad corridor)	Sistan and Baluchistan Road Maintenance and Transportation Organization	2024
15	Supervision of major repairs for Mashhad grade-separated interchanges	Mashhad Municipality	2023
16	Studies and design for extension of Ghiam St. to the university St.	Bojnurd Municipality	2023
17	Consulting services for rural and secondary roads in the North Khorasan Province	North Khorasan Road Maintenance and Transportation Organization	2023
18	Phase I & II studies for Tarbeiat Bridge extension to Imam Ali Expressway	Mashhad Municipality	2023

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No.	Project title	Employer / Client	Year
19	Design and supervision of geometric and traffic improvements for Bojnurd city intersections	Bojnurd Municipality	2023
20	Surveying of Lashkar 77 Barracks lands	Mashhad Municipality	2023
21	Supervision of construction of Resalat–Tabarsi North vehicular bridge	District 3 Municipality of Mashhad	2023
22	Supervision of installation of modular New Jersey barriers on Bojnurd–Babaaman Road	North Khorasan Road Maintenance and Transportation Organization	2023
23	Phase I & II studies for Halghe Sang Bridge	Bojnurd Municipality	2023
24	Consultancy services for aerial surveying using drones in Sangan Iron Ore Mine	Sangan Iron Ore Complex	2023
25	Studies, cost estimate, and tender documents for rural roads in Shirvan County and Owghaz–Shirvan–Esfarayan corridor	North Khorasan Road Maintenance and Transportation Organization	2023
26	Surveying of projects under General Directorate of Urban Planning and Studies in Mashhad	Mashhad Municipality	2023
27	Supervision of rehabilitation and four-lane widening of Mashhad–Saraks Road (Section 2A, Tangal-e Shur to Abarvan interchange)	Razavi Khorasan Road Maintenance and Transportation Organization	2023
28	Studies, cost estimate, and tender documents for rural roads in Shirvan County	North Khorasan Road Maintenance and Transportation Organization	2022
29	Surveying of Lashkar 77 Barracks lands	Mashhad Municipality	2022
30	Maintenance and repair studies of grade-separated interchanges in Mashhad	Mashhad Municipality	2022
31	Design and rehabilitation of Dasturan–Manidar Road (EPC) in Khorasan Razavi Province	Iranian Mines and Mining Industries Development and Renovation Organization (IMIDRO)	2022
32	Design and study of Islamic Republic grade-separated interchange Interchange	Azadshahr Municipality	2022
33	Supervision of construction of hospital access bridge in Shirvan	North Khorasan Road and Urban Development Organization	2022
34	Studies for access road to Albolagh Lead-Zinc Mines (Esfarayan, North Khorasan)	Iranian Mines and Mining Industries Development and Renovation Organization (IMIDRO)	2022
35	Supervision of widening and dualization works on Torbat Heydarieh–Dowlatabad Road (approx. 25 km)	Razavi Khorasan Road and Urban Development Organization	2022
36	Procurement of consultant services for studies, execution drawings, cost estimate, and tender documents for Mashhad–Saraks Road Tangal-e Shur to Abarvan section)	Razavi Khorasan Road Maintenance and Transportation Organization	2022
37	Surveying of projects under General Directorate of Urban Planning and Studies	Mashhad Municipality	2021
38	Design of access ramps to Torbat Heydarieh University of Medical Sciences campus	Torbat Heydarieh University of Medical Sciences	2021
39	Studies for new Esfandagheh Bridge and its connecting routes in Kerman Province	Iranian Mines and Mining Industries Development and Renovation Organization (IMIDRO)	2021



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No.	Project title	Employer / Client	Year
40	Design of entrance and exit ramps for Sangah company Road	Sangah Company	2021
41	Supervision of construction of Khajeh Rabi Bridge 7 and Resalat 91	District 3 Municipality of Mashhad	2021
42	Feasibility study for Jargalan Road and Khartut–Yamuq–Kohneh Jolgeh corridor	North Khorasan Road Maintenance and Transportation Organization	2020
43	Supervision of construction of Khajeh Rabi Bridge 7 and Resalat 91	District 3 Municipality of Mashhad	2020
44	Detailed design studies and preparation of execution drawings for Armud Aqachi Bridge	North Khorasan Housing Foundation of Islamic Revolution	2020
45	Supervision of rehabilitation works for access road to gypsum mines in Bandar-e Khamir, Hormozgan Province	Iranian Mines and Mining Industries Development and Renovation Organization (IMIDRO)	2020
46	Site supervision of rehabilitation and four-lane widening contract for Mashhad–Saraks Road (Police Station to Tangal-e Shur section)	Mashhad Municipality	2020
47	Site supervision of safety and stabilization projects in Nargeslu-ye Olya, Goli, Arab, Shaban, and Sarani villages	Razavi Khorasan Road Maintenance and Transportation Organization	2020
48	Consultancy services for surveying design at Lashkar 77 Barracks	North Khorasan Housing Foundation of Islamic Revolution	2019
49	Rehabilitation studies for gypsum mine roads in Bandar-e Khamir, Hormozgan Province	Iranian Mines and Mining Industries Development and Renovation Organization (IMIDRO)	2019
50	Phase I & II studies for access road to Rashid Combined Cycle Power Plant (Torbat Heydarieh)	Rashid Power Generation Company (Torbat Heydarieh)	2019
51	Procurement of consultant services for surveying at Torbat Heydarieh entrances	Razavi Khorasan Road Maintenance and Transportation Organization	2019
52	Supplementary services (surveying) for Raz–Bojnurd Road (Section 1)	North Khorasan Road and Urban Development Organization	2018
53	Phase I & II studies of entrances to Torbae Heydarieh city and supervision of implementation	Razavi Khorasan Road Maintenance and Transportation Organization	2018
54	Phase I & II studies for Misagh–Azadi grade-separated interchange	Mashhad Municipality	2018
55	Final feasibility studies and detailed design for Raz–Bojnurd Road	North Khorasan Road and Urban Development Organization	2018
56	Phase II studies for Do-Berar Park	Bojnurd Municipality	2018
57	Employer's consultant services for Mashhad–Chenaran–Quchan Expressway	Deputy for Construction and Development of Freeways	2017
58	Supervision of construction of the hospital access bridge in Shirvan	North Khorasan Road and Urban Development Organization	2017
59	Design of access road and cost estimate for Pakdel (Kosar) Service Complex	Razavi Khorasan Road Maintenance and Transportation Organization	2017
60	Phase II studies for Mashhad–Chenaran–Quchan Expressway	Deputy for Construction and Development of Freeways	2017

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No.	Project title	Employer / Client	Year
61	Preliminary feasibility studies for Raz–Gholaman Road	North Khorasan Road and Urban Development Organization	2017
62	Phase I studies of Mashhad–Chenaran–Quchan Expressway	Deputy for Construction and Development of Freeways	2016
63	Studies for access road to Shirvan Hospital	North Khorasan Road and Urban Development Organization	2016
64	Supervision of construction works on the Administrative–Service Site access road in Arkan	North Khorasan Road and Urban Development Organization	2016
65	Preliminary rehabilitation studies for Khaf Bypass and rehabilitation & safety studies for the private road to Sangan Iron Ore Mine (Rajko Road)	Sangan Iron Ore Complex	2016
66	Design of access road to Annabestani Service Complex in Sabzevar	Razavi Khorasan Road Maintenance and Transportation Organization	2016
67	Feasibility study for Mashhad–Chenaran–Quchan Expressway	Deputy for Construction and Development of Freeways	2016
68	Study and preparation of executive drawings for the Pilgrim Pedestrian Path project and executive drawings for the steel bridge from Nishapur to Khayyam Industrial Town	Razavi Khorasan Road and Urban Development Organization	2016
69	Continuation of rehabilitation studies and four-lane expansion of Khaf–Salami–Roshtkhar Road	Razavi Khorasan Road and Urban Development Organization	2016
70	Studies and design of Shahid Rajai Street and inspection of the Southern Bypass (Imam Ali Hospital to Hamzanlu junction)	Bojnurd Municipality	2015
71	Supervision of construction works on the Pilgrim Pedestrian Path on the Nishapur–Baghcheh corridor Section 3 (Javadiyeh to Baghcheh)	Razavi Khorasan Road and Urban Development Organization	2015
72	Completion of studies and preparation of executive drawings for the Pilgrim Pedestrian Path on the Nishapur–Baghcheh corridor (Javadiyeh to Baghcheh section)	Razavi Khorasan Road and Urban Development Organization	2015
73	Consultant services for the Employer in the project of constructing the second lane of Khaf–Salami Road (up to the sub-base layer)	Iranian Mines and Mining Industries Development and Renovation Organization (IMIDRO)	2015
74	Supervision of construction works on Khaf–Salami Road (Section 1)	Razavi Khorasan Road and Urban Development Organization	2015
75	Intersection studies of Barzel Abad and Quch Qaleh and completion of Kalshur Bridge studies	North Khorasan Road and Urban Development Organization	2015
76	General and site supervision of construction of the Pilgrim Pedestrian Path on the Nishapur–Baghcheh corridor (Sections 1–2)	Razavi Khorasan Road and Urban Development Organization	2015
77	Traffic studies, planning, and Phase I & II studies for connecting access roads to industrial towns and areas of Khorasan Razavi Province	Khorasan Razavi Industrial Estates Company	2015
78	Phase I & II studies of Ayatollah Bojnurdi 42-meter street	Bojnurd Municipality	2015
79	Feasibility study for access road to Chamestan coal mines	Iranian Mines and Mining Industries Development and Renovation Organization (IMIDRO)	2014

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No.	Project title	Employer / Client	Year
80	Pedestrian path studies from Nishapur to Baghcheh, 40 km (Javadiyeh to Baghcheh section)	Razavi Khorasan Road and Urban Development Organization	2014
81	Site supervision for the rehabilitation and widening of the access road to Sabzevar Cement Factory and Rudab mines	Iranian Mines and Mining Industries Development and Renovation Organization (IMIDRO)	2014
82	Site supervision for the construction of Arkan Road	North Khorasan Road and Urban Development Organization	2014
83	Optimization, bridge management system(BMS) and restoration studies for large bridges in the Razavi Khorasan Province	Razavi Khorasan Road Maintenance and Transportation Organization	2014
84	Supplementary services and studies for special structures and grade-separated intersections on Torbat Heydarieh–Khaf Road (Khaf to Roshtkhar section)	Razavi Khorasan Road and Urban Development Organization	2014
85	Phase I & II studies for landscaping design of Africa Loop	Tehran Municipality	2014
86	General and site supervision of procurement and installation of 8 weighbridges, landscaping, construction of an administrative building, and parking facilities	Iranian Mines and Mining Industries Development and Renovation Organization (IMIDRO)	2014
87	Rehabilitation studies for widening Torbat Heydarieh–Khaf Road to four lanes (Salami toward Torbat Heydarieh section)	Razavi Khorasan Road and Urban Development Organization	2014
88	Phase II studies for land preparation of a 30-hectare site in Chenaran	Astan Quds Razavi	2013
89	Phase I & II studies for the design of parks (Fajr Street and Be'sat Park)	District 6 Municipality of Tehran	2013
90	rehabilitation studies for widening Torbat Heydarieh–Khaf Road to four lanes (Khaf toward Salami section)	Razavi Khorasan Road and Urban Development Organization	2013
91	Phase I & II studies and design of the Southern Bypass (km 3 to km 8.5)	Bojnurd Municipality	2013
92	Phase I & II studies for the grade-separated intersection of Artesh Street and Sayyad Shirazi Boulevard	Birjand Municipality	2013
93	Design of Sajjadih Boulevard extension (Imamieh North 35m to Khatam Expressway)	Mashhad Municipality	2013
94	Phase I & II studies for the road variant at kilometer 20+000 on Gifan Road	North Khorasan Road and Urban Development Organization	2013
95	Phase II studies for land preparation in West Mousavi Quchani	Astan Quds Razavi	2012
96	Phase I & II studies for surface water collection in Bojnurd (Defa-e-Moghaddas Sq. to Shahid Mohammadzadeh Sq.)	Bojnurd Municipality	2011

## Equipment and facilities

NO.	Product Name	Quantity	Specifications
1	Total Station Camera with all accessories	2 devices	Serial numbers 1337198 and 1337453
2	Satellite position receiver (Triple-band)	1 complete series	Serial numbers 1514510 and 1513549 and 1506812
3	Satellite position receiver (Raymond dual-band)	2 complete series	Serial numbers 4280 and 5230
4	Leveling devices (niveau) with accessories	2 devices	ZEISS and SOKKIA models
5	HPE ProLiant DL360 Gen9	1 device	2*Intel(R) Xeon(R) CPU E5-2680 v4 @ 2.40GHz 2*64 GB Ram 4*1 TB SSD
6	Computer	10 devices	2 devices CORE i5 4 devices CORE i3 3 devices Pentium D
7	Printer-Copy-Scanner	2 devices	TOSHIBA model
8	Printer-Copy-Scanner-fax	1 devices	Model CANON
9	Printer	1 devices	Model EPSON
10	Laptop	4 devices	ASUS and HP models
11	Handheld GPS	1 devices	Model GARMIN
12	Tablet	1 devices	Model LENOVO
13	Drone (model: Cohands E1-2021-1)	1 devices	Serial numbers: E51123202106-1
14	Drone (model: PHANTOM 4 PRO)	2 devices	Serial numbers: 0AXDE1H0A30158 189CEAQB20035