



## Introduction

The Rah Ahan Rah Consulting Engineers Company was founded in 1981 by a group of managers and experts of the IRAN – KOMPSAX Consulting Engineering Company to provide the consultancy and engineering services.

As a reputed and top class consultant firm in the country, the Company is proud of over 35 years continued engagement in more than 250 studies and supervision of railways, freeways, roads, and other projects in most parts of Iran, with satisfaction of clients.

Throughout their activities and with a commitment to the principles of integrity, quality, customer orientation approach and professional ethics and by relying on experienced and motivated experts and engineers, along with application of the latest know-how, the Rah Ahan Rah Consulting Engineers have provided quality professional consultancy, design, supervision and management services for infrastructural and development projects at different locations in the country, especially the deprived provinces in the south and south east, in the frame of cooperation with various client bodies, including ministries and public organizations in charge of infrastructural executive plans, municipalities, provincial governments and other stakeholders in the Islamic Republic of Iran as well as diverse cooperation contracts with the private sector. The Most important fields of activities of these consulting engineers are as follows:

- Inter- city and Urban Railways
- Roads and Freeways
- Project management and Engineering, Procurement and Construction (EPC) Contracts
- Oil and gas (to be activated and developed)
- Building and Urban Construction (to be activated and developed)



## Branches

- 1) Mashhad: No. 9, Imamt Blvd., Mashhad, Iran
- 2) Zahedan: No. 20, Daneshgah Ave., Zahedan, Iran
- 3) Iranshahr: No. 32, Imam Khomeini Ave., Iranshahr, Iran
- 4) Tabriz: No. 2, Golestan 5 St., Abresan Ave., Tabriz, Iran
- 5) Bam: No. 45, Imam Khomeini Intersection, Bam, Iran
- 6) Urmia: No. 119, Resalat Blvd, Urmia, Iran
- 7) Yazd: No. 32, Taleghani Ave., Yazd, Iran
- 8) Bushehr: Khalij Fars Blvd., 2nd Industrial State, Bushehr, Iran
- 9) Bojnurd: No.20, Nader St., Arabnejad Ave., Bojnourd, Iran







The major capital of Rah Ahan Rah Company during past years has been cooperation with specialists in related fields and areas. Observing rules concerning high quality service delivery, employing elites, specialists and highly motivated experts is a goal that the company has always been committed to follow.

The company benefits from more than 100 skilled technical staff.

**Number of staff with PhD degree: 4**

**Number of staff with M.S. degree: 33**

**Number of staff with Bachelor degree: 71**

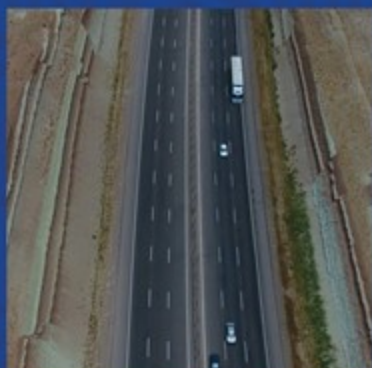
In order to use and upgrade the technical knowledge of experts, Rah Ahan Rah and its cooperators have a continuous relation with universities, institutes and other technical organizations.

35 published and submitted technical papers in national and international level and playing effective roles in national guidelines are the results of these fruitful relations.

The company has a library with more than 380 technical books and journals for company's experts.



# Roads and Freeways



Human civilizations are greatly owed to road constructions. Transporting capital and cultures and establishment of security made possible by presence of roads. Considering the location of our country and its central position in the region, the constructed roads in the country have connected east and west since ancient times in addition to domestic transportation.

Having been constructed roads between the years 1925 to the Second World War, the construction of modern asphalt roads began in the year 1948. The western roads of the country, the Kerman – Bandar Abbas Road and the Haraz Road were designed during the second and third plan of road construction by KOMPSAX Consulting Engineers. The high quality of design and the supervision of their projects are notable for professionals.

Based on the experiences of KOMPSAX Consulting Engineers and present reports and documents, over the last 35 years Rah Ahan Rah consulting engineers have worked in designing and supervision of projects actively for construction of 1700 Km. main and secondary roads in addition to rehabilitation and upgrading of over 1200 Km. of roads.

#### Freeway and Highway Projects

Row	Project	Length(km.)
1	Zanjan-Tabriz Freeway	60
2	Mashhad-Binalood Freeway	25
3	Imam Ali Freeway	3
4	Urmia-Mahabad Highway	70
5	Zahedan-Zabol Highway	210
6	Baghche-Neishaboor Highway	90
7	Torbat-Mehne Highway	42
8	Fariman-Mashhad Highway	60

#### Road Construction and Rehabilitation in each Province

Row	Province	Length of Constructed Main and Secondary Road (km.)	Length of Rehabilitated and Upgraded Roads(km.)
1	Sistan and Baluchistan	610	1020
2	Khorasan Razavi	554	80
3	North Khorasan	115	65
4	Tehran	90	20
5	Zanjan	150	33
6	West Azarbaijan	45	-
7	Other	150	70
	Sum	1714	1288

## Zanjan – Tabriz Freeway (Parts 12, 13, 14)

Client: Construction and  
Development of Transportation  
Infrastructures Company  
(CDTIC)





**Imam Ali Freeway**  
(Between Masil Bakhtar  
and Sabalan)

Client: Technical & Development  
Affairs - Tehran Municipality



**Khash – Iranshahr  
Road**

Client: Construction and  
Development of Transportation  
Infrastructures Company  
(CDTIC)



## Iranshahr - Sarbaz Road


Client: Construction and Development of Transportation Infrastructures Company (CDTIC)





# Bridge and Intersection





Based on historical documents and the heritage of bridges from the Achaemenid Empire to Qajar dynasty eras, most of bridges built in Iran were of arched stone type, also in some historical documents mentioned the use of wooden planks on rock bases in the structure of bridges.

The construction of modern bridges and other structures began during the development of the Trans-Iranian railway. Currently different types of bridges with long spans designed and constructed.

Rah Ahan Rah Consulting Engineers have valuable experiences in the design and supervision of tunnels for different applications, including the 3.7 Km. length Allah o Akbar Tunnel on Kangan – Dargez Road.

The construction of this tunnel has obviated the need of passing through the Allah o Akbar hills of 2800 m. in height and 12 m. wide mountain paths, shortening the route from 20 to 8 Km. Moreover, 15 tunnels at sections 9 and 10 of the Shiraz – Bushehr – As-salouyeh Railway have been designed and supervised by the Rah Ahan Rah Consulting Engineers.

The tunnels of Nosratabad Path at Fahraj – Zahedan Road and the tunnel of Assadli Path in at the Esfarayen – Bojnoord Road have also been constructed under the supervision of the Rah Ahan Rah Consulting Engineers.

The repair of bridges and enhancing seismic resistance as well as strengthening the standard bridges are among the experiences of the Rah Ahan Rah Consulting Engineers and different relevant projects have either been successfully implemented or are under execution.

**Imam Ali Freeway  
(Sabalan Intersection)**

Client: Technical & Development  
Affairs - Tehran Municipality



## Baghche – Neishaboor Intersection

Client: Construction and Development of Transportation Infrastructures Company (CDTIC)



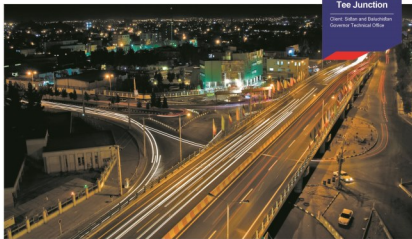
## Torbat – Mehne Intersection

Client: Construction and Development of Transportation Infrastructures Company (CDTIC)



Zahedan Danesh  
Tee Junction

Client: Sifan and Dastanistan  
Governor Technical Office





### Kalshour Bridge

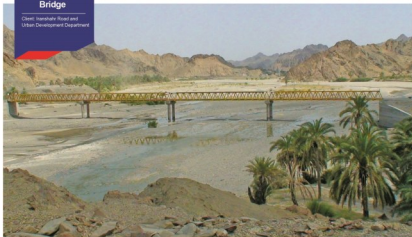
(Sabancur - Bardenkui Road)

Client: Construction and  
Development of Transportation  
Infrastructure Company  
(COTIC)



### Dapkor Bridge

Client: Inanshahr Road and  
Urban Development Department



## Rimdan Bridge

Client: Itanahin Road and  
Urban Development Department



## Jakigor Bridge

(Itanahin - Chahar Road)

Client: Itanahin Road and  
Urban Development Department



## Dastjerd Bridge

Client:  
Dastjerd Municipality



## Rostamabad – Iranshahr Bridge

Client: Contribution and  
Development of Transportation  
Infrastructures Company  
(CDTIC)






# Railway & Urban Train







The main part of the national railways were designed and executed under the supervision of KOMPSAX consulting Engineers between 1932 to 1937. A glimpse at the history of the construction of the mentioned railway and a number of remaining documents underlines the significance of the period's works.

After the dissolution of IRAN – KOMPSAX Company the management and a number of experts of Rah Ahan Rah Consulting Engineers completed the unfinished plans and submitted them to the client for execution. From the onset design and supervision of railway projects have figured high on the agenda of Rah Ahan Rah Consulting Engineers.

From the beginning of the eighties to now the Rah Ahan Rah Consulting Engineers have designed over 1000 Km. of substructure railroads, most of which are now completed.

70 Km. of the Tehran – Qom railroad, 75 Km. of the Aprin – Mohammadiyeh railroad and 109 Km. of the Balgh – Mashhad railroad, are among the most important plans undertaken by the Company.

Today the urban railway has developed to a considerable level in many important cities of the world. Due to the traffic congestions in large cities and the resulting wastage of fuel, the development of urban railway has become a priority of urban planners. The Rah Ahan Rah Consulting Engineers have effective experiences in the field, which include the design and supervision of the project to connect Tehran Metro to Shahre Rey and the Tehran – Karaj Urban Railway.

### Railway Projects(Study and Supervision)

Row	Project	Length(km.)	Row	Project	Length(km.)
1	Miane-Bozalanabad-Tabriz	40	8	Tehran-Qom	60
2	Chabahr-Fahraj	80	9	Isfaraein-Bojnourd	15
3	Shiraz-Bushehr- Asalouyeh	260	10	Arjilavand-Kave	40
4	Hamedan- Malayer	60	11	Aprin-Mohamadie	100
5	Arak-Khomein-Isfahan	168	12	Mohamadie-Shoorab	30
6	Badrood-Garmsar	64	13	Bafgh-Mashhad	109
7	Qazvin-Zarjan Part 2	49	14	Yazd-Isfahan (Shamsi-Nazarabad Part)	49

#### A) Railway Substructures:

1-Widening and Rehabilitation of Tehran-Qom Railway  
Client: Department of railways Buildings and installations  
Length: 72 Km.

2-Aprin-Mohamadie second line railway  
Client: Department of railways Buildings and installations  
Length: 65 Km.

3-Qom-Behesht Zahra Metro Line  
Client: Tehran Metro Company  
Length: 35 Km.

4-Bafgh-Mashhad railway (parts 6 and 7)  
Client: Construction and Development of Transportation Infrastructures Company (CDTIC)  
Length: 109 Km.

5-Chabahr-Fahraj railway (part 6)  
Client: Construction and Development of Transportation Infrastructures Company (CDTIC)  
Length: 80 Km.

6-Widening and rehabilitation of Sirjan Railway Station  
Client: Construction and Development of Transportation Infrastructures Company (CDTIC)

7-Miane-Bozalanabad-Tabriz railway (parts 6 and 7)  
Client: Construction and Development of Transportation Infrastructures Company (CDTIC)  
Length: 40 Km.

8-Shiraz-Bushehr- Asalouyeh Detailed Study  
Client: Construction and Development of Transportation Infrastructures Company (CDTIC)  
Length: 260 Km.

9-Arak-Isfahan First Phase Study  
Client: Construction and Development of Transportation Infrastructures Company  
Length: 168 Km.

10-Esfarayen-Bojnurd Part 3 Detailed Study  
Client: Construction and Development of Transportation Infrastructures Company (CDTIC)  
Length: 15 Km.

11-Hamedan-Malayer Railway Study  
Client: Construction and Development of Transportation Infrastructures Company (CDTIC)  
Length: 60 Km.

12-Shiraz-Bushehr- Asalouyeh Supervision of Construction  
Client: Construction and Development of Transportation Infrastructures Company (CDTIC)  
Length: 37 Km.

#### B) Railway Superstructures:

1-Yazd-Isfahan Railway (Shamsi-Nazarabad Part, Second Line)  
Client: The Railways of Islamic Republic of Iran  
Length: 25 Km., 12 Line Station

2-Qazvin-Zarjan Railway (Part 2, Second Line)  
Client: The Railways of Islamic Republic of Iran  
Length: 49 Km., 2 Stations

**Bajestan Station**  
Bafq-Mashhad Railway

Client: Construction and  
Development of Transportation  
Infrastructure Company  
(COTIC)



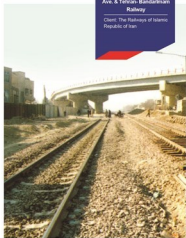
**Intersection of Ghalenorgh  
Ave. & Tehran-Agin  
Railway**

Client: The Railways of Islamic  
Republic of Iran



**Intersection of Ghalenorgh  
Ave. & Tehran-Bandarman  
Railway**

Client: The Railways of Islamic  
Republic of Iran







## Oil and Gas Prospect

35 years of active presence of the Rah Ahan Rah Consulting Engineers in the technical – engineering society of the country and consequently the strategies, future orientation and commitment of the founders, top management and the hard working staff of the company have set the stage for a creative and professional engagement of the experts in provision of valuable project engineering and supervision services. Numerous certificates from top officials of the Ministry of Road and Transportation and other bodies and organizations attesting their satisfaction have given and still give us the courage to grow and excel. In the context of these engineering and managerial capacities for developing the general infrastructures of our dear country of Iran and in implementing the latest decision of the Board of Directors to benefit from these experiences and to join the national effort in adapting the design, engineering, procurement and supervision of oil and gas projects to suit the country's conditions, we are proud to announce that we have undertaken the necessary planning to obtain the required grades for oil and gas transmission lines from the Management and Planning Organization, and this action is pursued by the newly established Senior Management for Oil and Gas in the Rah Ahan Rah Consulting Engineers. Backed by a team of expert managers and engineers of this field, the Senior Management for Oil and Gas is in charge of providing quality and state of the art services in the fields of tender engineering, design, procurement and supervising the execution of projects, which in time will add a glorious chapter in the book of the Rah Ahan Rah Consulting Engineers' achievements.

