



Dream. Think. Do.

think
TRANSPORTATION

www.thinktransportation.net

WE ARE HERE TO DO IT RIGHT

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MISSION STATEMENT

To set standards in the field of transportation and traffic engineering by practicing and developing principles and policies, and establish the norms as well as ensure their total practicality and applicability.

VISION

To become a fully functional three tier organization with Transportation Consulting Department, Transportation Product Development Department and Transportation Research Institution in order to promote entrepreneurship.

PHILOSOPHY

Our philosophy is to deliver efficient, practical and adaptable solutions for transportation, which prove to be feasible not only today, but also in the future. Our local roots enable us to understand the prevailing issues and hence, apply technical excellence accordingly to offer innovative solutions that meet the client and community needs.

WE ARE HERE TO DO IT RIGHT

INTRODUCTION

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INTRODUCTION

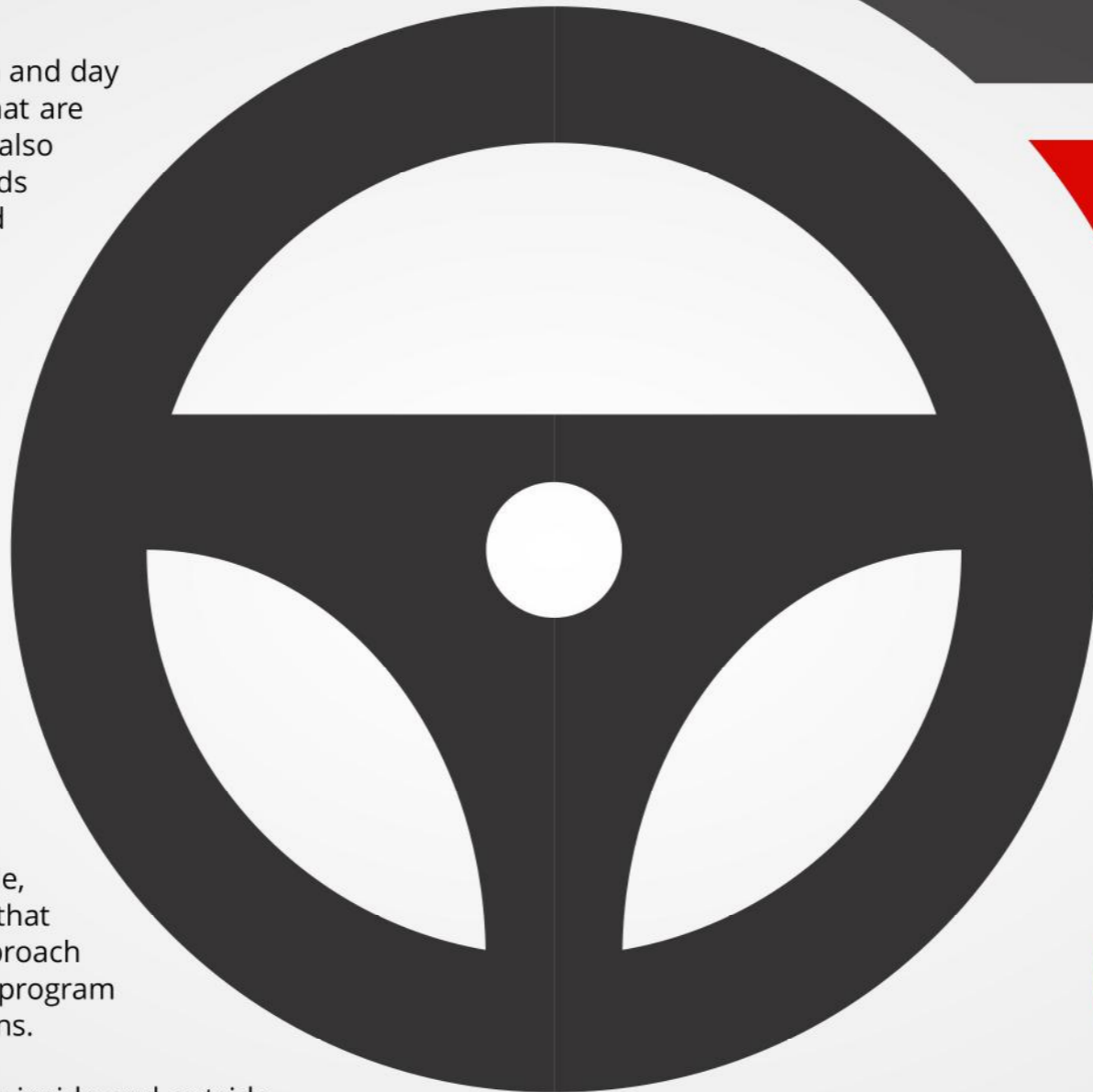
Transportation is one of the basic needs of people to get them where they want to and that requires highways, roadways, bridges, traffic signals, intersections, parking and pedestrian bridges. Think transportation, founded in 2013, is a transportation engineering firm that came into existence to provide practical and effective solutions for all such needs.

Our multi-disciplinary and dedicated team works day in and day out on every undertaken project to deliver solutions that are not only well within budget and schedule but also compliant to engineering principles, quality standards and client specifications. The use of latest software and modern technical methods sets us apart in the industry.

Our diverse experience with national and international clients enables us to better understand the client needs and present to them build and no-build options, creative ideas and advantage in traffic engineering and transportation design projects. We have successfully completed a number of projects in both urban and rural areas therefore, we are well aware of the challenges where space is premium. Hence, our elucidations are more informed, constructable, contextual and realistic than standard traffic impact studies and pavement engineering.

We emphasize upon deploying the right people, processes and technologies to achieve project success that is primarily based on our clients preferences. This approach assists us in delivering comprehensive project and program management services that meet and exceed expectations.

Think transportation is rapidly expanding its operations inside and outside the country and has earned a good reputation for its professional services in the industry in such a small amount of time. We take pride in owing our success to our people at think transportation who are firm believers of continuous learning and performance improvement. We also thank our clients for their trust, interest and support since our inception and helping us to transform from a start-up into a fully functional organization.



OUR PROUD PROJECTS

- ✓ Traffic study of Green Line Bus Rapid Transit.
- ✓ Feasibility and Design of Peshawar Bus Rapid Transit.
- ✓ Non-Motorized Transport Karachi.
- ✓ Feasibility Study of New Freight Train from Karachi Port to Pipri Marshaling Yard.
- ✓ Travel Demand Analysis of Proposed Railway Link between Gwadar and Mastung.



OUR VALUED CLIENTS



OUR DOMAINS



AUTODESK
CIVIL3D

PTV
GROUP

SIDRA
SOLUTIONS



Trafficware Synchro Studio



ArcGIS

TRAFFIC ENGINEERING

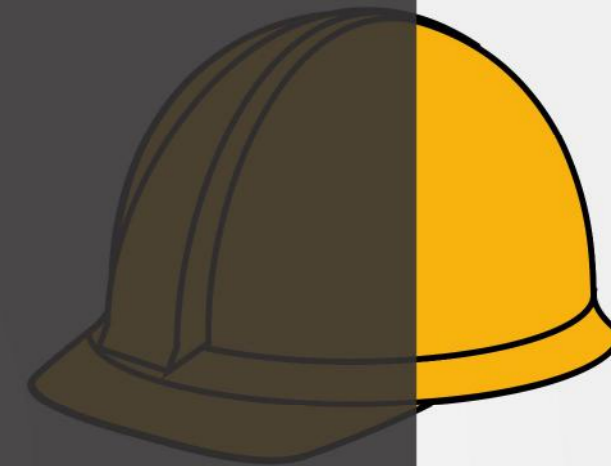
As a specialized transportation and traffic engineering company, we have set the benchmark for providing high value traffic engineering solutions using advanced planning and modeling technologies for traffic analysis, traffic simulations, micro & macro modeling, trip modeling and agent modeling. We offer services such as:

- ▶ Traffic surveys
 - House hold information surveys
 - Opinion surveys
 - Turning movement count surveys
 - Mid-block count surveys
 - Origin and destination surveys
 - Travel time surveys
 - Boarding alighting surveys
 - Signal time surveys
 - Parking surveys
 - Pedestrian surveys
 - Bus transit survey
- ▶ Design of traffic control devices
- ▶ Traffic analysis on advanced software
- ▶ Traffic impact studies
- ▶ Estimation of parking demand and design of parking supplies
- ▶ Traffic analysis pre and post construction
- ▶ Travel demand modeling of towns and cities (four stage modeling)
- ▶ Traffic operational and circulation design
- ▶ Signal design and synchronization

TRANSPORTATION ENGINEERING

Our valuable team is expert for undertaking design engineering projects with experience in various types of roadway, highway and grade separated designs as well as knowledge of the types of landscapes and land-use geometries. Our design engineering services include:

- ▶ Road safety audits
- ▶ Setting of designs as per road safety requirements
- ▶ Signal warrant studies
- ▶ GIS surveying, mapping & Database Management
- ▶ Quantity Estimation



TRANSPORTATION DESIGN

Our valuable team is expert for undertaking design engineering projects with experience in various types of roadway, highway and grade separated designs as well as knowledge of the types of landscapes and land-use geometries. Our design engineering services include:

- ▶ Road inventory surveys
- ▶ Geometric designing
- ▶ Pavement designing
- ▶ Design vetting

PROJECT MANAGEMENT

We offer a full range of high-value, 'start-to-finish' pre-construction and construction management and optimization services including:

- ▶ Project planning and tracking on Primavera and MS Project
- ▶ Life cycle management
- ▶ Shop Drawings
- ▶ Claim Management
- ▶ Preparation of BOQ, Cost Estimates and Contract Documents



RESEARCH AND DEVELOPMENT

As our moto states "Dream, Think, Do" we accept and encourage new ideas to the current problem faced by the industry. Improving existing solutions, replacing them with models that are more efficient or changing the underlying technology from ground up are the methods we embrace to keep our commercial solutions up-to-date, exceptional and competitive with counterparts offered by national and international research and development companies.

We aim towards bringing our industry's existing products to fully autonomous solutions, which would provide faster, more accurate and more detailed results with simple, user-friendly and easily debug able platform to use with less cost.

Our Collaboration with universities, industries and field experts help us to identify existing and future issues so that we can deliver efficient and suitable solutions to their problems. We promote fresh ideas from university graduates to quench their thirst for developing systems or models, which would advance our country's technology.

OUR DOMAINS



Embedded Solutions



Artificial Intelligence



Virtual Reality



IT Solutions



Web Development



Mobile Application Development

THINK TECHNOLOGIES



Automated Fare Collection System

Automated Fare Collection system is a comprehensive solution towards toll-based highways. It provides real time monitoring and operations analysis through its web based management system. Its database can be utilized in traffic survey analysis and financial audits.

Traffic Survey Apps

Our R&D team has developed software applications/tools to achieve customized solutions in traffic engineering and survey methodologies. These applications make the survey results more reliable through automating processes and eliminating human errors.

- + E-counters for traffic volumes
- + Social survey App
- + Travel time App
- + Boarding Alighting App
- + OD Survey App
- + Sawari

Smart Traffic Signal Controller

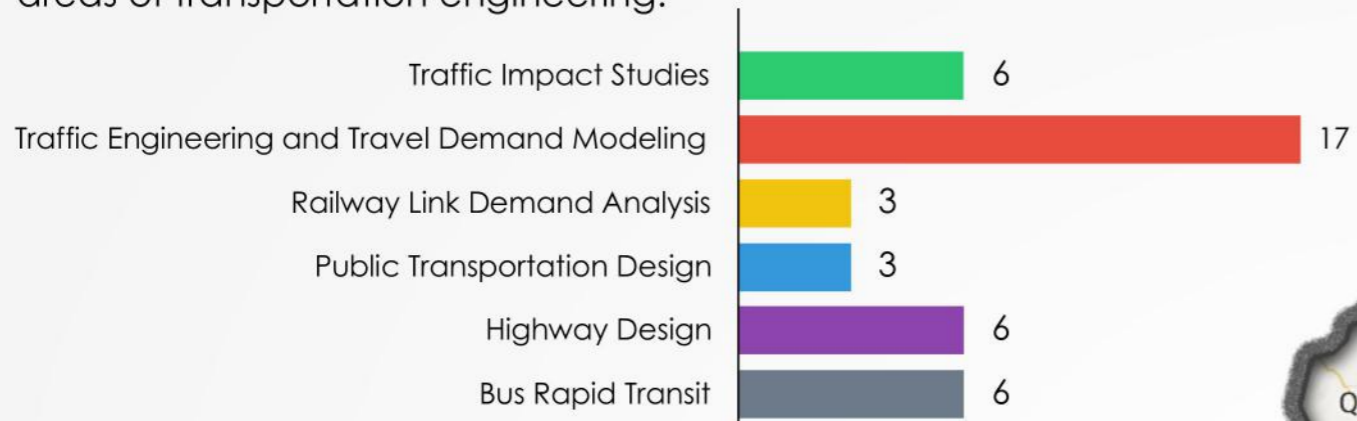
Smart Traffic Signal Controller operates on the inputs of traffic engineering and hence are more effective in managing the road congestion, synchronization with other traffic signals and reporting of light status. This solution is not only indigenous but also cost effective and very economical to be implemented in developing countries.

Parking Management System

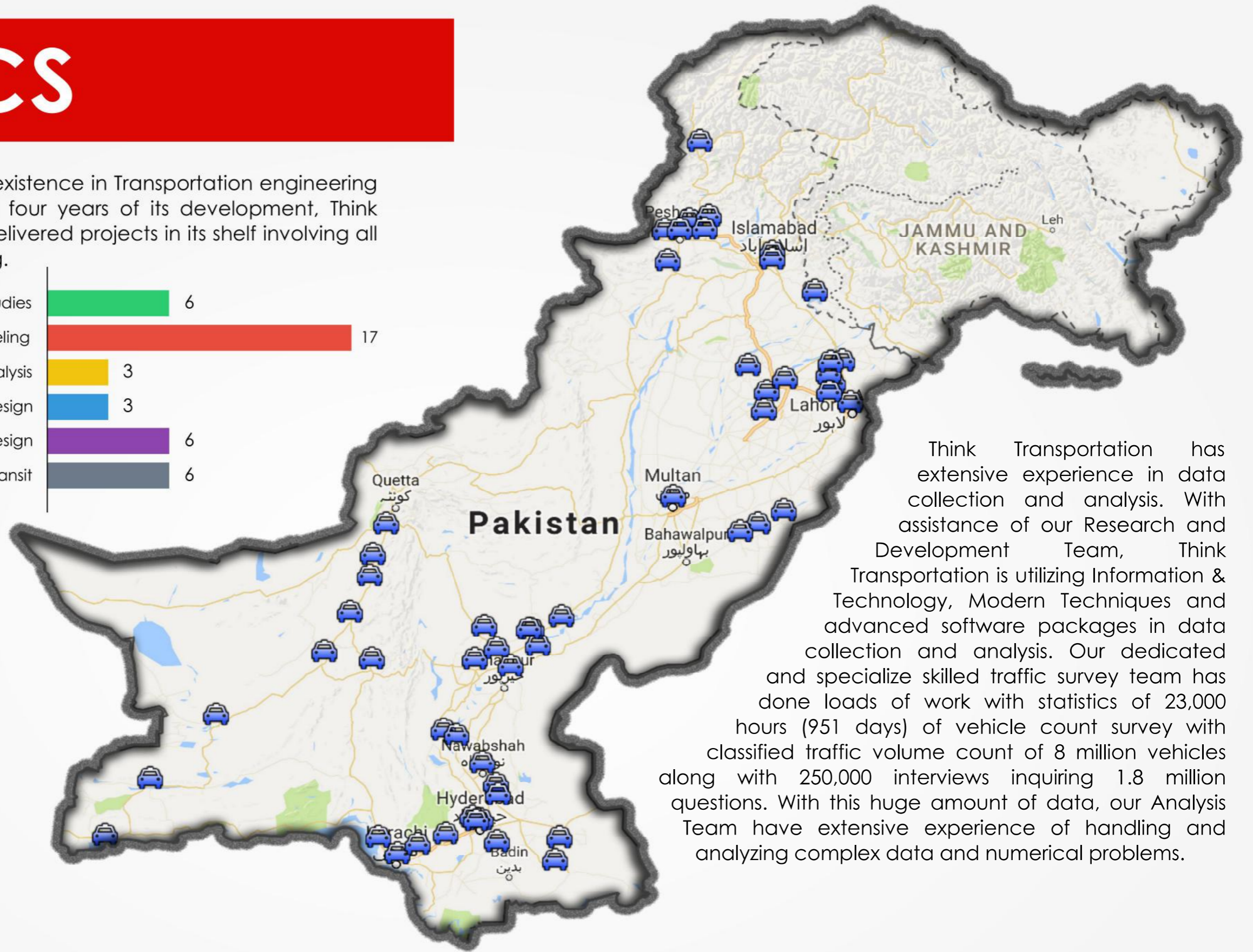
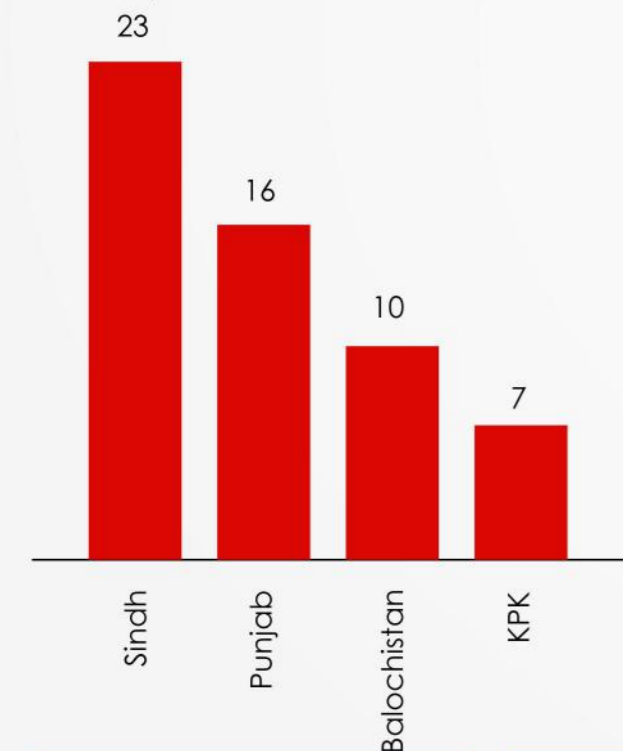
Parking Management System provides 24/7 monitoring and control of the occupancy of individual parking spaces of the parking lot through a secure web interface. The system features secure and automatic access control and ticket generation system for financial and traffic audits. The system can also be combined with electronic signs for to help the drives to find closest parking space.

STATISTICS

Think Transportation has shown its existence in Transportation engineering sector with great statistics. In just four years of its development, Think Transportation has more than 40 delivered projects in its shelf involving all areas of transportation engineering.



Think Transportation has worked on 200 sites in 56 cities covering all four provinces of Pakistan.



Think Transportation has extensive experience in data collection and analysis. With assistance of our Research and Development Team, Think Transportation is utilizing Information & Technology, Modern Techniques and advanced software packages in data collection and analysis. Our dedicated and specialize skilled traffic survey team has done loads of work with statistics of 23,000 hours (951 days) of vehicle count survey with classified traffic volume count of 8 million vehicles along with 250,000 interviews inquiring 1.8 million questions. With this huge amount of data, our Analysis Team have extensive experience of handling and analyzing complex data and numerical problems.

41
Projects Completed

950 Days
Traffic Count Survey

8 Million
Vehicle Count

250 Thousand
Interview Conducted

2 Million
Questions Asked

56
Work in Cities

SUCCESS STORY

Realizing the increasing demand of transportation and need to bringing on board specialized transportation engineers i.e. Urban Engineer's, Think Transportation was founded in 2013, with the vision, not limited to start a consultancy that provide professional services in traffic and transportation engineering, but also to serve as a platform that can abridge industry and academia. A platform where researchers, thinkers and field experts can join and interact with each other and realize new projects and research arenas.

The journey since our formation was not smooth but we kept moving with Allah's mercy and support of some genuine seniors and well-wishers both in academia and in industry. In the first two years of the company we didn't care about making money. We only took on projects that were highly artistic. We lived various challenges and worked insane hours conducting surveys, implementing standards and developing and iterating our methodologies.

Our hardworking team led us to new horizons of achievements. In turn, society needs led us to put together a robust team of Senior Associates, Partners, Skillful Engineers. That gave us the technical skills to back up the creativity of our designs.

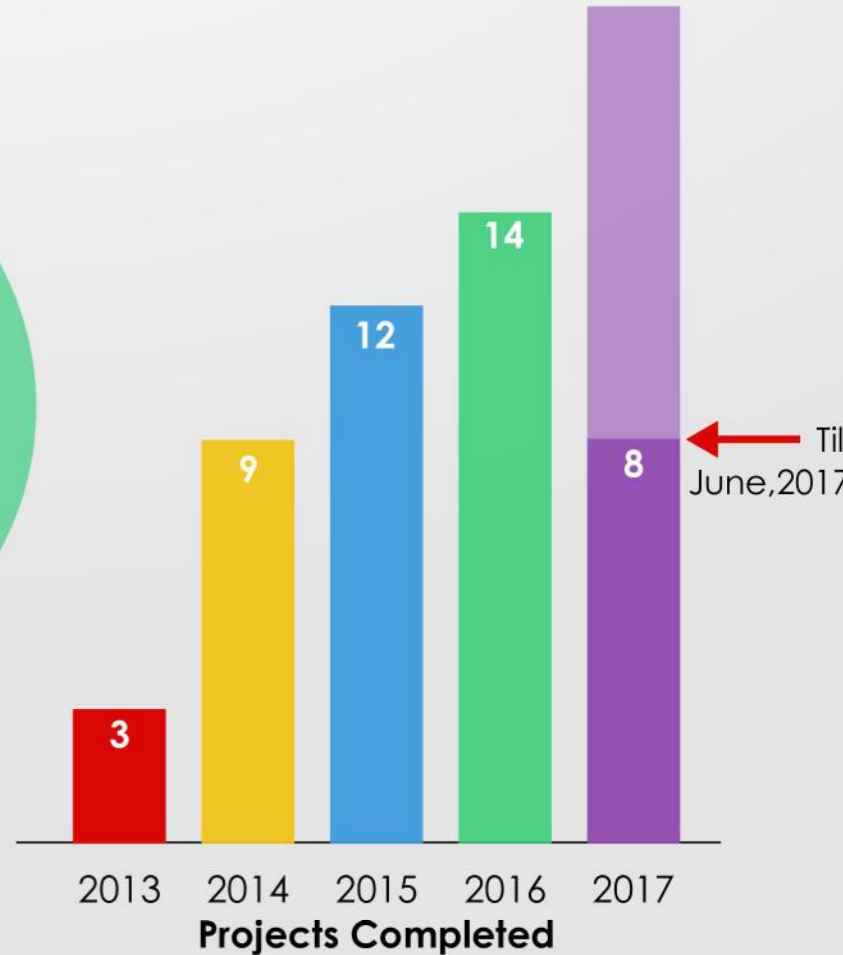
2013
Startup
 Built Team,
 Established R&D Dept,
 Traffic Impact
 Studies.

2014
Liaison with Industry
 Highway Design,
 Smart Data Validation,
 Traffic Genius App,
 Training Assistance to
 young Engrs.

2015
International Consultant
 Web Protocol Method for
 Data Collection,
 Smart Traffic Signal,
 Transportation
 Modeling.

2016
**Signed MoU with
 Prestigious Institute (NEDUET)**
 Artificial Intelligence Models
 for Traffic Engineering,
 Live Geo-Spatial Mapping,
 Traffic Audits.

2017
**Aiming
 Research and Development**
 Railway Travel Demand Modeling,
 Progressing Towards VR Lab,
 Traffic Management System,
 Worked all Over
 Pakistan.



MAJOR PROJECTS

TRAFFIC IMPACT STUDIES

- ✓ Traffic Impact Study of A.T. One at Nursery, Karachi
- ✓ Traffic Impact Study of Proposed Building over Dynasty Hall at Schon Circle, Karachi
- ✓ Traffic Impact Study of under construction building at Allahwali Chowrangi
- ✓ Traffic Impact Study of The Place
- ✓ DHA Intersections Improvement plan
- ✓ Traffic Impact Study of Arkadian Tower

TRAFFIC ENGINEERING AND TRAVEL DEMAND MODELING

- ✓ Feasibility Study of Extension of Faisalabad Chiniot Road up to Sargodha
- ✓ Peshawar Expressway
- ✓ Travel Demand Modeling of Karachi Hyderabad Motorway (M-9)
- ✓ Validation of Traffic Demand of Faisalabad Chiniot Road
- ✓ Validation of Traffic Demand of Sheikhpura Gujranwala Road
- ✓ Congested Corridor Identification Karachi
- ✓ Travel Demand Forecasting of Proposed Link Road between Ghotki and Kandhkot
- ✓ Extension of Lyari Expressway
- ✓ Feasibility study of Proposed DHA Creek Flyover
- ✓ Validation of Travel Demand of Inner Ring Road, Multan
- ✓ Feasibility of Dualization of Faisalabad Ring Road
- ✓ Quetta City Major Roads, Traffic Circulation Plan
- ✓ Feasibility of Dualization of Faisalabad Chiniot Road
- ✓ Feasibility of Dualization of Sheikhpura Gujranwala Road
- ✓ Feasibility Study of Dualization of Hasilpur Bahawalnagar Road
- ✓ Sindh Rural Roads Improvement Project
- ✓ Feasibility Study of Karachi Hyderabad Motorway (M-9)

RAILWAY LINK DEMAND ANALYSIS

- ✓ Feasibility Study of New Freight Train from Karachi Port to Pipri Marshaling Yard
- ✓ Travel Demand Analysis of Proposed Railway Link between Besima – Khuzdar and Shahdadkot
- ✓ Travel Demand Analysis of Proposed Railway Link between Gwadar and Mastung

PUBLIC TRANSPORTATION DESIGN

- ✓ I.I. Chundrigar Road Bus Shuttle Service
- ✓ Regularization of Qingqi as Feeder Services
- ✓ Bus Routes Surveys, Karachi

HIGHWAY DESIGN

- ✓ Intersection Design of Commercial Avenue x Khayaban-e-Bahria
- ✓ Design of access road to Astola Project
- ✓ Modernization of Gaddani Shipbreaking Yard
- ✓ Highway Design of Link Road from RCD Highway to Gaddani
- ✓ Geometric Design of Nawab Mahabat Khanji Road
- ✓ Geometric Design of Shahkot-Sanghar Bridge

BUS RAPID TRANSIT

- ✓ Peshawar Bus Rapid Transit
- ✓ Green Line Bus Rapid Transit
- ✓ Red Line Bus Rapid Transit
- ✓ Feasibility Study of Shahr-e-Faisal BRT
- ✓ Non Motorized Corridor Analysis of Saddar Town
- ✓ Yellow Line Bus Rapid Transit

PROJECT DETAILS

2017

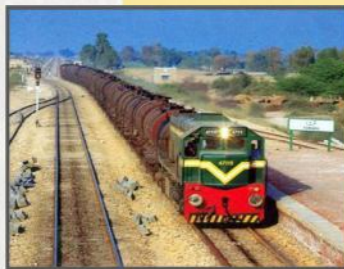
Feasibility Study of New Freight Train from Karachi Port to Pipri Marshalling Yard

Location: Karachi
Date: Apr-17

Description:

The proposal centers around developing a Shuttle Train System to transfer KPT generated cargo including Containers to Pipri Marshalling Yard, located east of KPT is about 45 kms by rail, for further processing of cargo related handling procedures.

The Pipri Marshalling yard is spread over around 2000 Acres (810 Hectares) is grossly underutilized with a complex of Rail lines, hump and switching facilities to allow formation of trains for dispatch onwards to up Country.



Feasibility Study of Extension of Faisalabad Chiniot Road up to Sargodha

Location: Faisalabad, Chiniot, Sargodha
Date: Apr-17

Description:

This study checks the viability of project on BOT basis. A series of surveys and studies were carried out to acquire vital information and computer based model is developed after validation of traffic parameters along with origin destination survey results, to determine travel time, distance and cost saved by vehicles through using improved facility.



Peshawar Expressway

Location: Peshawar, Kohat, Nowshera
Date: Apr-17

Description

A Bypass road is being proposed which will connect N55 to Chamkani and Kohat. The Bypass road will also have a link from the Peshawar Ring road connecting the traffic coming from Afghanistan and Hayatabad to N55 Highway. The bypass road will share a major portion of the traffic from Kohat road.

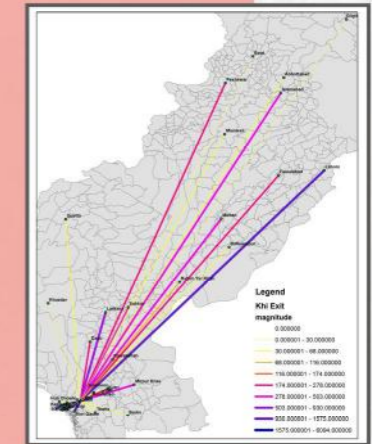


Travel Demand Modeling of Karachi Hyderabad Motorway (M-9)

Location: Karachi, Nooriabad, Hyderabad
Date: Mar-17

Description

A seven-day traffic survey was conducted on the M-9 Karachi Hyderabad Motorway along with OD survey. The survey revealed the actual total traffic plying on the motorway and at the same time also identified the ultimate destination trend. The traffic mode i.e. the traffic type/ distribution was also clearly recorded.



Travel Demand Analysis of Proposed Railway Link between Besima – Khuzdar and Shahdadkot

Location: Balochistan
Date: Jan-17

Description

This study focuses on the cargo / passenger traffic that has been :

- Estimated in Gwadar master plan and will likely to use road or rail network for onward transport to their destinations to and from the port and
- Existing traffic that will possibly shift to the rail link if such a link is provided.



Travel Demand Analysis of Proposed Railway Link between Gwadar and Mastung

Location: Balochistan
Date: Dec-16

Description

Travel demand model was developed for the proposed railway lines using all the collected data and information. This model was developed in following stages:

- Development of Existing Situation Model (with no significant demand of Gwadar Port) – Stage 1
- Development of Travel Time and Travel Cost Model for Existing Situation Model – Stage 2
- Development of Railway Link in the existing situation with no significant traffic from Gwadar – stage 3
- Development of Model with inclusion of demand forecast of Gwadar Port – Stage 4
- Development of combined Traffic Model (Stage 1+2+3+4) – Stage 5



Traffic Impact Study of A.T. One Tower at Nursery, Karachi

Location: Karachi
Date: Nov-16

Description:

This report determines the adequacy of the existing or planned transportation improvements and also guides development authorities for optimal solution for right-of-way, street improvements, traffic signals, transit shelters, sidewalks connections or transportation demand management programs that are necessary to mitigate transportation deficiencies.

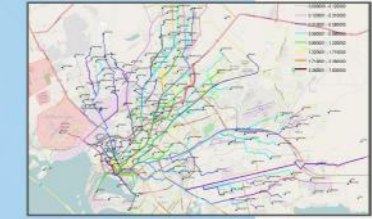


I.I. Chundrigar Road Bus Shuttle Service

Location: Karachi
Date: Oct-16

Description:

I.I. Chundrigar Road Road was the financial and commercial center of the city. Think Transportation conducted this study to estimate travel demand of new shuttle service and proposed potential shuttle routes to major trip originating zones from I.I. Chundrigar Road.



Traffic Impact Study of Proposed Building over Dynasty Hall at Schon Circle, Karachi

Location: Karachi
Date: Oct-16

Description:

Traffic Impact Studies includes:

- Forecast additional traffic associated with a proposed development
- Assess the impacts of a proposed development
- Determine necessary improvements to accommodate the new development and minimize impacts to the transportation system.
- Assist in land use decision making



Intersection Design of Commercial Avenue x Khayaban e Bahria

Location: Karachi
Date: Sep-16

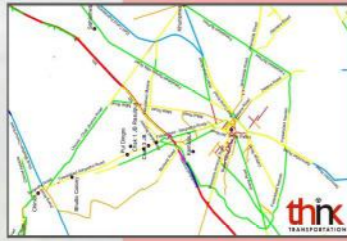
Description:

Think Transportation assigned the task to suggest traffic flow improvement plan on the project. Think transportation team conducted topographic survey of the area. Identified the problems in current design and Proposed geometric design improvements plan and traffic diversion plan for better traffic flow.



Validation of Traffic Demand of Faisalabad Chiniot Road

Location: Faisalabad, Chiniot, Sargodha
Date: Aug-16



Description:
The study validates traffic parameter obtained from previous study and reports findings and analysis of the data concerning traffic volumes and its composition on Faisalabad – Chiniot Road in the form of a computer based model.

Validation of Traffic Demand of Sheikhpura Gujranwala Road

Location: Sheikhpura, Gujranwala
Date: Jul-16



Description:
Various traffic studies are conducted for obtaining key inputs for the geometric and pavement design and to perform traffic forecasts pertaining volumes, its composition, capacity, level of service and lane enhancement requirements for the next 25 years; thereby developing a financial model to examine the feasibility of project for BOT basis.

Congested Corridor Identification Karachi

Location: Karachi
Date: May-16



Description:
Traffic Studies are performed to identify the congestion spots, their causes and solution along major corridors of Karachi including; M.A Jinnah Rd, Shahrah e Faisal, Korangi Rd, University Rd, Sir Shah Muhammad Suleman Rd, , Shahrah e Sher Shah Suri, Shahrah e Pakistan, National Highway (N-5), Shahrah e Quaideen, Shaheed e Millat Rd.

Regularization of Qingqi as Feeder Services

Location: Karachi
Date: Feb-16



Description:
This study explains how the existing transportation system can be made more sustainable and complementary to new transportation developments.

Geometric design of access road to Astola Project

Location: Korangi, Karachi
Date: Jan-16



Description
The Getz ASTOLA Pharma Plant build on 1.5 million sq. ft, is going to be the largest Pharma Plant in Pakistan. Think Transportation has been awarded the design of access road to the project and traffic circulation plan of internal roads of Project.

Peshawar Bus Rapid Transit

Location: Peshawar
Date: Jan-16

Description:
Think Transportation conducted complete traffic study for Peshawar BRT as National Consultant and perform following activities:

- Capture the existing condition.
- Study of quality of the existing Non-Motorized Transport
- Analysis of physical infrastructure for the purpose of the TOD area.
- Analysis of parking patterns and practices.
- Topographic Studies.
- Conceptual Traffic Management Plan.
- Traffic impact analysis of intersections and turning points.
- Recommended the conceptual physical treatments of the key intersections and roadway segments.
- Cost Analysis.



Traffic Impact Study of under construction building at Allahwali Chowrangi

Location: Karachi
Date: Jan-16



Description:
A Traffic Impact Study (TIS) is a study which assesses the effects that a development's traffic will have on the transportation system and the community. Transportation Impact Studies should accompany developments which have the potential to impact the transportation system.

Travel Demand Forecasting of Proposed Link Road between Ghotki and Kandhkot



Location: Sukkur, Guddu, Kandhkot, Ghotki
Date: Dec-15

Description:
The objective of this study is to estimate the travel demand of the proposed facility between Ghotki and Kandhkot through collecting the traffic data and recording the travel patterns.

Extension of Lyari Expressway



Location: Karachi
Date: Dec-15

Description:
This study is performed to examine the viability of extension of Lyari expressway up to Hawksbay to provide direct access to Mauripur industrial from Motorway M-9. For this purpose, Think Transportation performed traffic volume count and origin destination surveys on all toll gates of Lyari Expressway and other traffic attraction roads.

Feasibility study of Proposed DHA Creek Flyover



Location: Karachi
Date: Sep-15

Description:
This study is performed to examine the feasibility of flyover on DHA Creek Road access point on Korangi Road. Think Transportation performed Mid-block count survey, U-turn count survey, Intersection count survey and turning movement count survey on relevant location and on entry locations of DHA. License plate survey was also performed to track the travel pattern of vehicles in DHA.

Validation of Travel Demand of Inner Ring Road, Multan

Location: Multan
Date: Sep-15

Description:
Inner Ring Road Multan constitutes almost 20 km roads with many major roundabouts and congested areas. A series of flyovers are constructed to smooth the traffic. Project also included the widening of the roads, construction of services roads. A post construction study was also conducted for travel demand validation of Inner Ring Road Multan.



Modernization of Gaddani Shipbreaking Yard

Location: Gaddani
Date: May-15

Description:
Traffic Count Surveys, Topographic Surveys, Soil Testing surveys were conducted on Shipbreaking yard road and nearby premises. Information collected is then used in geometric and pavement design through advanced designing softwares to provide plan to modernized Gaddani ship breaking yard.



Feasibility of Dualization of Faisalabad Ring Road

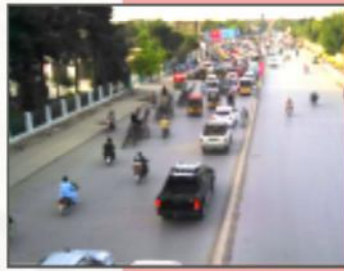
Location: Faisalabad
Date: May-15

Description:
This project examines the traffic data from historic and recent studies for Dualization of Faisalabad Ring Road in February 2015 in order to evaluate traffic volumes and vehicle classifications that would utilize the Project Section of the Road. The fundamental aim for carrying out traffic studies was to acquire primary inputs for devising feasibility of the Project followed by geometric and pavement design of the road.



Traffic Circulation Plan of Quetta City Major Roads and Congested Intersection

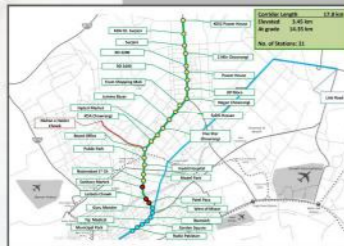
Location: Quetta
Date: May-15



Description:
Think Transportation performed study to prepare traffic circulation plan for major road and congestion intersection of Quetta including; Saryab Road, Sabzai Road, Brewery Road, Sirki Road, Zarghoon Road, Satellite Town and Saddar Town. For this purpose, Think Transportation perform reconnaissance survey on all these locations to observe traffic condition and pattern.

Green Line Bus Rapid Transit

Location: Karachi
Date: Apr-15



Description:
Think Transportation as sub consultant of Engineering Associates performed traffic studies of Green Line BRT.

- Desk study on maps satellite imagery validated by Reconnaissance visit
- Alignment options and recommended alignment with comparisons
- Satellite image of entire corridor with recommended option duly marked on it
- Presentation of alignment and Cross-section for approval from Project Office
- Exact detail for Project at grade, grade separated, intersection, interchanges
- Preparation of Reports, related drawings etc.

Feasibility of Dualization of Faisalabad Chiniot Road

Location: Faisalabad, Chiniot
Date: Apr-15



Description:
Data concerning volumes and composition / classification of traffic on Faisalabad – Chiniot Road; obtained from historic and fresh traffic studies was analyzed for the feasibility study of the project.

Highway Design of Link Road from RCD Highway to Gaddani

Location: Gaddani
Date: Apr-15



Description:
Design the road infrastructure of access road of Gaddani Picnic Point and Gaddani Ship Breaking Yard starting from N25 highway having length of 8 km. Traffic Count Surveys, Topographic Surveys, Soil Testing were performed on ship breaking yard road and nearby premises. All this information is then used in geometric and pavement design through advanced designing software to provide plan and design of improved infrastructure.

Feasibility of Dualization of Sheikhpura Gujranwala Road

Location: Sheikhpura, Gujranwala
Date: Mar-15



Description:
Traffic studies were conducted for obtaining key inputs for the geometric and pavement design of the Project Road and determination of traffic forecasts pertaining to volumes and composition for the next 25 years, thereby carrying out capacity analysis, calculating yearly level of service and lane enhancement requirements.

Feasibility Study of Dualization of Hasilpur Bahawalnagar Road

Location: Hasilpur, Bahawalnagar
Date: Feb-15



Description:
The traffic study resulted in the expected traffic volume to use the Project Section of the Road. It provides the traffic input required for carrying out the geometric and pavement design and economic feasibility study of the project.

Geometric Design of Nawab Mahabat Khanji Road



Location: Karachi
Date: Dec-14

Description:
Traffic Count Surveys, Topographic Surveys, Soil Testing were performed on Nawab Mahabat Khanji Road and nearby premises. All this information is then used in geometric and pavement design an improved infrastructure.

Red Line Bus Rapid Transit



Location: Karachi
Date: Nov-14

Description:
Think Transportation as a sub consultant of Institute of Transportation and Development Policy (ITDP) executed Traffic Surveys including traffic volume count surveys, Travel Speed and Delay Surveys, fare structure surveys, Road User Interview Surveys, Bus Route Confirmatory Surveys, Boarding and Alighting Surveys, Occupancy Surveys, Frequency Surveys, Social Surveys, Passenger Transfer Surveys etc; and also performed Traffic Simulation.

Feasibility Study of Shahrah-e-Faisal BRT



Location: Shahrah e Faisal, Karachi
Date: Oct-14

Description:
For travel demand estimation of Shahrah e Faisal BRT, Think Transportation conducted number of Traffic Surveys including traffic volume count surveys, Travel Speed and Delay Surveys, Road User Interview Surveys, Bus Route Confirmatory Surveys, Boarding and Alighting Surveys, Occupancy Surveys, fare structure surveys, Frequency Surveys, Social Surveys, Passenger Transfer Surveys etc., and performed Traffic Simulation on different project locations.

Non Motorized Corridor Analysis of Saddar Town

Location: Saddar Town, Karachi
Date: Sep-14

Description:
Main focus of NMT improvement is pedestrian/ passenger access along the BRT corridor Critical area in MA Jinnah Road is located at the busiest part, where main economic activities happen, in southern part with one-way traffic direction system. In this area, street vendor occupying sidewalk and street are the most common but also the biggest problem. The area of 500 m walking distance from BRT station. This is the catchment area of the BRT users. Ensuring good NMT infrastructure inside the study area is necessary for ensuring all potential BRT users are being served with good accessibility.



Bus Routes Surveys, Karachi

Location: Karachi
Date: Sep-15

Description:
Public Transport in Karachi can be categorized into Large Bus, Mini Bus, Wagons and Qingqi. Extensive bus route alignment and travel time surveys were conducted for all categories of public transport.



The Place

Location: DHA, Karachi
Date: Aug-14

Description:
This project determines the potential impacts on existing traffic due to multi-purpose recreational mall named "The Place" in DHA Phase 8, Karachi. The study building will serve as commercial purpose containing mall, Cineplex Cinema, Food Lounge and Sports Complex etc. This study concludes whether a development is appropriate for a particular location and what improvements to the transportation system are necessary.



Sindh Rural Roads Improvement Project

Location: Tando Adam, Sanghar, Ghotki, Dadu, Larkana, Jacobabad, Shikarpur, Mithi, Matiari, Thul, Mirpur, Mirpur, Mathelo, Matheli, Rato Dero
Date: Apr-14



Description:
Think Transportation conducted extensive traffic count and origin destination surveys to estimate travel demand on Sindh Intercity and rural highway network. This information is then used in preparing improvement plan and construction priorities for 26 rural roads of Sindh Province.

DHA Intersections Improvement plan

Location: DHA, Karachi
Date: Feb-14



Description:
A Traffic Impact Study (TIS) is a study which assesses the effects that a development's traffic will have on the transportation system and the community. Think Transportation conducted TIS and identified traffic flow problems and proposed intersection improvement plan.

Geometric Design of Shahkot-Sanghar Bridge

Location: Sanghar
Date: Jan-14



Description:
This study is performed to design a bridge on Sanghar-Shahdadpur Road. For this purpose, Think Transportation performed topographic survey on study area and used advanced computer packages to design road and infrastructure of proposed bridge.

Feasibility Study of Karachi Hyderabad Motorway (M-9)

Location: Karachi, Hyderabad
Date: Oct-13

Description:
This project examines the traffic data from historic and recent studies for Feasibility Study of Karachi Hyderabad Motorway (M-9) in October 2013 in order to evaluate traffic volumes and vehicle classifications that would utilize the Motorway. The fundamental aim for carrying out traffic studies was to acquire primary inputs for devising feasibility of the Project followed by geometric and pavement design of the road.



Traffic Impact Study of Arkadian Tower

Location: DHA, Karachi
Date: Aug-13

Description:
This project determines the potential impacts on existing traffic due to construction of Proposed 24 story and 12 blocks building named "The Arkadian Tower" located in DHA Phase 8, Karachi. Proposed building will serve as residential purpose. Study building is situated near recreational mall "The Place" and Moin Khan Cricket Academy.



Yellow Line, Bus Rapid Transit

Location: Karachi
Date: May-13

Description
Think Transportation as a sub consultant of National Engineering Services Pakistan performed traffic surveys including traffic volume count surveys, Travel Speed and Delay Surveys, Road User Interview Surveys, Bus Route Confirmatory Surveys, Boarding and Alighting Surveys, Occupancy Surveys, fare structure surveys, Frequency Surveys, Social Surveys, Passenger Transfer Surveys etc., and performed Traffic Simulation on different project locations.



2013



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