



TTK CONSTRUCTON

New No: 5/1, Mayilagam, Thirumukkulam South street,
Tallakulam, Madurai-2.

Phone: 0452 - 2537733, Mobile No. : 99948 80007, 9894222777,
Email: ttk.cons@gmail.com

PROFILE

About the Company:

Our concern was established in 1980, under the proprietorship of **Mr.T.Thanikodi**. The hardwork, sincerity and quality of service offered by the proprietor Mr.T.Thanikodi spurred the phenomenal growth of his Company. After achieving substantial growth, the company was converted from proprietorship to partnership firm named as '**TTK CONSTRUCTION**' (for convenience of administration) in the year 2005. **Mrs.T.Pavalakodi** (wife of Mr.T.Thanikodi) **Mr.T.Sivakumar** & **Mr.T.Rajavel Pandian** (sons of Mr.T.Thanikodi) were inducted as partners and **Mr.T.Thanikodi** became the Managing Partner of **TTK CONSTRUCTION**. From the year 2006, M/s **TTK CONSTRUCTION**, has recorded considerable growth and in the last financial year has achieved a turnover in the excess of Rs.100 Crores.

TTK Having pioneered a vibrant proposition into enterprise building four decades ago, TTK Construction today commands unexcelled expertise in infrastructure building at Madurai Tamilnadu state, entwined with rich technical prowess in the construction of RAILWAYS, ROADS, HIGHWAYS, BRIDGES, PWD WORKS, BUILDINGS and Business multiplexes and so on.

Imbibing passion into the philosophy of excellence, a vision of vitalizing the nation's strength, TTK has restructured engineering professionalism in India, founding a prospective road map for a brilliant tomorrow. Going forward TTK intends to become one of South India's finest and greenest diversified infrastructure company delivering outstanding value to our multiple stakeholders – clients, employees, partners and the local communities in which we work.

With a pan Indian presence, TTK's able management translates its vision, taking the company forward at a rapid pace as one of the fastest growing players in the field with dynamic and experienced team expanding horizons in Infrastructure, Energy, Ports, Reality and the South Indian Coastal Corridor while delivering consistent returns to all its stakeholders.



Technical and Engineering Expertise

TTK Construction, strive to achieve sustained, profitable growth by providing services which consistently satisfy the needs and expectations of our clients.

Our objective is to expand our presence, create a high class construction company, build strong partnership with clients by applying futuristic technology with an efficient and dedicated workforce to overcome the competitive challenges in the field.

A visionary management team, competent and well qualified professionals, efficient manpower, technologically superior plants and machinery, along with an operational code of conduct bearing the highest degree of professionalism across the entire organization, TTK is recognized as one of most revered premium infrastructure company across the South India.

The Group has consistently ensured its role in essaying the prominence in construction, infrastructure building and has portrayed a genuine image of national development through the myriad projects completing successfully within the time frame.

The meaning of excellence is illustratively demonstrated in some of the finest structures that TTK have created in the Tamilnadu state, enveloping the most novel engineering practices on par with the best infrastructure companies of the South India.



Narikulam Tank Construction at Madurai - Kanyakumari section of NH44 (Old NH-7) in the state of Tamil Nadu



OUR INFRASTRUCTURES

ROADS



TTK is well adopted and positioned in Indian Premium infrastructure space. TTK construction is fully integrated and geared to Design, Build, Install and operate within the required time frame, comprehensive solutions as a single point provider. A decentralised approach, the offices are widely distributed across different infrastructure projects in the country. Boosting practices that involve the use of the most current technologies in vogue worldwide ensures minimization of complex processes and ease constraining project execution labour.

TTK infrastructure is spread over with Highways & Bridge projects. Using highly sophisticated construction, earth moving and leveling equipment such as excavators, crushers, rollers, mixers, presses, pavers, compacters, broomers, Heavy duty scaffolding materials and advanced logistics, TTK commands the best of tools for effective and speedy execution of engineering,



BRIDGES

Major Bridge work across Narikulam Tank from Km 230.600 to km 231.250 in Madurai – Kanyakumari section



Building bridges can be considered as one of the oldest innovative ideas for Effective communication with advancement of technologies, their utility and scope have also grown.

TTK has been in forefront in designing and constructing major and minor bridges. Several major bridges constructed by TTK stand as the most useful landmarks. The high bridge across river Narikulam tank in Tamilnadu state or the high level bridge at kanyakumari district is one of our successful examples to read about.



TTK has undertaken construction of some of the largest and most complex bridges in India and has to its credit masterful achievements completed well within the time parameters set, and many before their scheduled time of the completion itself. This star attribute has resulted in TTK being the most sought after company for undertaking of mega bridge building projects across the length and breadth of our country.



RAILWAYS



South Indian railways today, becoming one of the largest networks in the country. In the past few years, Indian Railways have registered an unprecedented turnaround in its fortunes that has helped launch itself towards a path of gigantic growth and development. Being the largest sector of Indian economy, the services sector continues to be the mainstay and key driver of the nation's overall growth.

TTK having essentially focused on Roads and Bridges is making significant forays into exploring further into this vast domain and is soon to announce major plans for making further inroads into this ever challenging sector. We aim to enter in to strategic alliances with world leaders to expand our capabilities and remain avant-garde of change.



TTK has undertaken construction of first generation railway lines and bridges for the Indian government and commands requisite expertise in undertaking similar ventures in spite of the scale of the assignments. From laying of railway lines across even difficult terrains, to the construction of major railway ROB bridges in Chennai – Trichy, Dindigul road Villupuram-Tiruchirapalli Section , Our company is venturing fast into this sector with renewed zeal as a competent player in view of the future transportation needs of the economy.



SUBWAYS / PEDESTRIAN UNDERPASSES

TTK Construction has a 20+ year commitment to delivering the highest quality construction services. This is in large part due to its stable and proven pool of talented engineering, estimating and construction professionals, supported by its highly experienced management team. The firm's formula for success has made it one of the subway projects Trichirapalli - Manamadurai section limited use subways in lieu of level crossing Nos.352, 353, 368,370,392,397 and 398 (7 Nos).



CANALS

The group of TTK is well equipped to face various challenges for constructing irrigation projects like canals, flood banks, other CD works. TTK Construction experience includes irrigation canal, and rehabilitation works. The stringent specifications and QA/QC requirements demand a first class contractor with the experience to complete these types of projects. Whether it's lined canals with armoured slopes, the careful placement of canal bund is required to ensure grade tolerances are met and compaction specifications are achieved.



Impact of Irrigation Increase in crop productivity Change in cropping pattern Helps Impact of

- i) Increase in cropping intensity Reduce in Irrigation Rural
- ii) Increase in gross and net income Poverty
- iii) Increase in farm employment
- iv) Increase in farm wage rate Public expenditure on improved irrigation and water conservation under poverty reduction programme



READY MIX CONCRETE



TTK Ready-Mix-Concrete is a carefully engineered recipe encompassing all the related considerations for a premium quality of concrete mix which are readily delivered to project sites. Our highly evolved understanding of construction technologies in infrastructure building ensures that the mix used is in every fathom consistent with worldwide construction standards.

Produced at all project plants for use in the project, TTK Ready-Mix-Concrete is sourced for use at minimum notice with a division of the most current mobile volumetric batching plants.

TTK ready mix concrete is produced based on the precise purpose of its use as different projects require varyingly different formulations for giving consistent strength to the structures being built.

Our ready mix concrete plants produce tonnes of concrete every day using premium raw materials and recommended ingredients and treated well by chemical engineers who ensure that the yield is thoroughly tested using most rigorous test methods for strength and versatility among any application that necessitates its use.



READY MIX ASPHALT



A major part of road construction anywhere in the country is normally completed with asphalt, which is a combination of asphalt oil, gravel and sand, heated and laid out on road surfaces. This usually lasts long as it is easy to perform repeated overlays on the road surfaces overtime. The initial cost of asphalt road construction is lesser than concrete. Further they are sound absorbing and have proved to be much quieter than concrete roads. They do not necessitate much hardening time unlike concrete roads and are ready within just a few hours time.

TTK manufactures all its asphalt mixes for road construction using hot mixing plants installed at all road construction project sites, using a careful blended formula, repeatedly tested for performance for each use. Each asphalt mix is designed based on the ground surface it is being used on, to provide the best surface which is both strong and long lasting bearing out even on the attributes of bad weather such as extreme heat, heavy rains, freezing temperatures and even excessive loads or traffic.

TTK hot ready mix asphalt is currently used in its own sites however is soon to be available as a commercially customized product for use by other civil construction agencies on a competitive pricing mechanism.



HUME PIPE



TTK is a manufacturer/supplier of various classes of Hume Pipes for use in infrastructure projects for water supply systems, sewerage systems, pipe culverts and manifold related requirements for various public and private sector needs. Water Supply RCC Pipes, Casting RCC Hume Pipes, RCC Hume Pipes, RMT RCC Hume Pipes, Supply RCC Hume Pipes, Half Round RCC Pipes etc are all manufactured by TTK, processed through stringent quality controls at our central manufacturing plant.

TTK has been fabricating these structural implements chiefly for use in its infrastructure projects but is under active contemplation of producing them on a massive commercial scale. Made with the best composition of Reinforced Cement Concrete built around an armature of excellent metallic strength, our Hume pipes are designed to withstand the roughages of all kinds of use across a myriad range of utilities such as transfer of high pressure water, sewage, chemicals, oil etc. Further our Hume pipes are made per international specifications and are comparable with the best names in south India.

Hume pipes of TTK are cost effective, versatile in utility, customized in shapes and sizes ranging from 100 mm to 3,000 mm, come with a choice of rigid or flexible joints and are absolutely competitive.

Irrigation and water supply projects, drainage systems, liquid chemical systems, oil supplies or other mega projects involving the use of pipes find optimum benefits in the use of TTK Hume Pipes.



OUR CLIENTS

A growing list, the canvas of clients representing who's who in industry only proves the appreciation to our focus, dedication and quality cementing on a trust bestowed by our clients.

TTK has undertaken several State and Central Government Projects across India. Some of the clients are listed below:

Our Client List	
	Ministry of Road Transport and Highways
	National Highways Authority of India, New Delhi
	Ministry of Railways, Govt. of India
	Public Works Department, Govt. of Tamil Nadu
	Highways Department, Govt. of Tamil Nadu





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TTK CONSTRUCTION



Our Business Lines

A) Roads

B) Railways

C) Irrigation



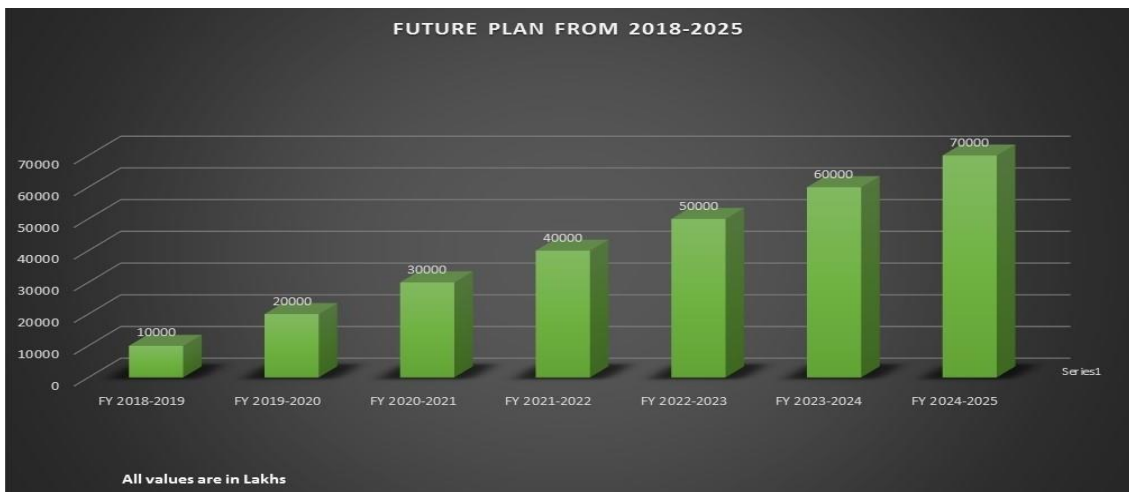
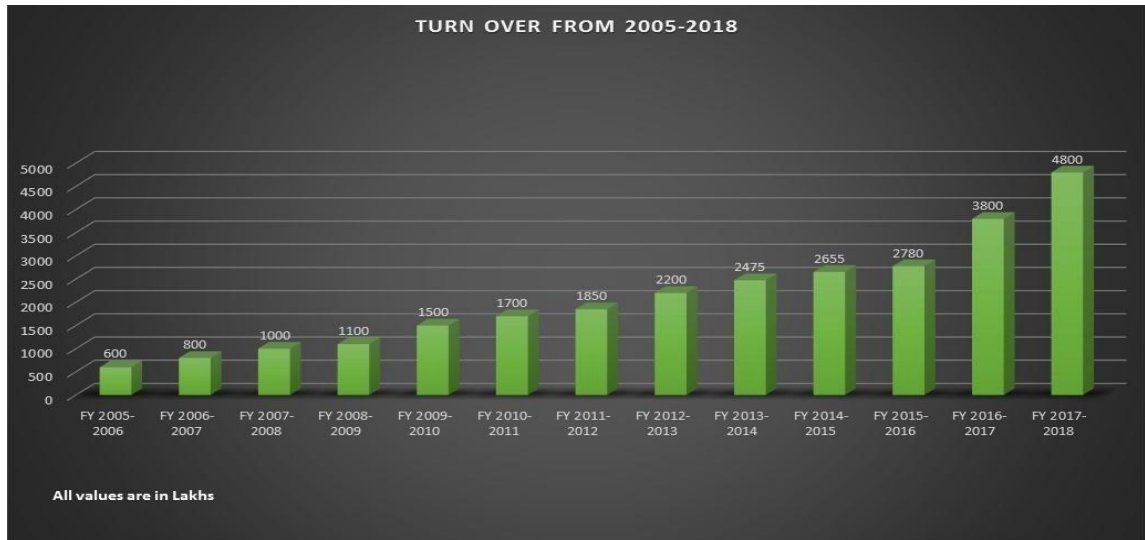
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LIST OF MAJOR PROJECTS EXECUTED

Sl.No	Name of client	Name of project	Agreement value in crores	Present status
1	National Highways Authority of India (NHAI), Govt. of India	Balance work for Two laning with paved shoulder of Dindigul – Theni section from Km 2.750 to Km 73.400 of NH-45 (Extn.) and Theni - Kumili section of NH-220 from Km 215.500 to Km 273.600 in the State of Tamil Nadu under item rate contract	129.029	Ongoing (90% Completed)
2	National Highways Authority of India (NHAI), Govt. of India	Construction of balance road across Narikulam tank from Km 230/700 to 231/250 of Madurai - Kanyakumari section of NH-7 in the state of Tamilnadu.	27.16	Completed (2019)
3	Highways, Govt of Tamilnadu	Widening from SL to IL and improvements in Km 25/0-35/0 of Chinnamanur – Iravangalar road (via) Megamalai including construction of culverts, Construction of gabion wall and construction of Park byes.	18.53	Completed (2018)



Sl.No	Name of client	Name of project	Agreement value in crores	Present status
4	Railways, Govt. of India	Tiruchirapalli-Manamadurai section- Construction of limited use subways in lieu of level crossing Nos.352,353,368,370,392,397 and 398 in 7 locations	13.47	Completed (2019)
5	Railways, Govt. of India	Villupuram-Tiruchirapally section- Proposed ROB LC No 201 at KM 271/0- 1 between Ariyalur and Silakudi stations. Sub structure with open foundation and superstructure with composite girder of clear span 1x33.207 sq (1x44 sk) across the tracks and launching by using road cranes and cast in situ deck slab with PSC "I" girder.	10.09	Completed (2019)



MEN & MACHINERY

Our employees are our most important resource in achieving our targets. To maintain a dynamic corporate culture driven by the values of quality, innovation and safety, we provide our employees with the most effective tools and technologies required to ensure our customers are completely satisfied with every stage of their working with **TTK Construction**. We have the talented and most experienced men working with us who always strive to make every day better than the previous and stand as an asset to the company.

For maintenance of machinery we have in-house procurement management policy which helps for timely procurement of spares and thereby reducing idleness of the equipment at work and thereby helps optimizing their efficiency. The machinery details are as follows

S.No	Name of the machinery	No. of units	Make	Capacity
1	Batching plant	2	SWING SHETTER, AJAX	CP-30
2	Hot Mix Plant	1	APPOLO	120 TPH
3	Semi Mobile crusher	1	PUZZOLONA	200 TPH
4	Paver	2	Voggle, Appollo	7m and 9m
5	Concrete Mixers	5	AJAX	3 Cum
6	Transit mixers	6	SWING SHETTER	6 Cum
7	Wheel Loader	4	Volvo, HAMM	-
8	Excavators	7	L&T, Kobelco, Tata Hitachi	210
9	JCB	4	JCB 3 DX	70
10	Water tankers	5	Ashok Leyland, TATA	12000 Litr.
11	Taurus Tippers	30	Bharat Benz, Leyland, Tata	10 Cum & 12 Cum
12	Generator	10	Kirloskar	225 KV
13	Vibratory soil compactor	5	HAMM, VOLVO	-
14	Pneumatic tyred roller	1	Volvo	-
15	Bituminous Sprayer	1	Ammann	-
16	Kerb laying machine	1	SKM	-
17	Grader	2	GMMCO	-
18	Hydra	2	Escorts	20 Ton
19	Mini Truck	10	Mahindra, Isuzu	-
20	Total station	2	SOKKIA	-
21	Auto Level instruments	10		



SITE PHOTOS



Ready Mix Concrete Plant

SITE PHOTOS



Hot Mix Plant

SITE PHOTOS



Quality Control Lab

SITE PHOTOS



Embankment Grading



Embankment Rolling

SITE PHOTOS



GSB Laying



Protection Work

SITE PHOTOS



RE Wall

SITE PHOTOS



BC Laying



BC Rolling

