

# TTK CONSTRUCTION

## COMPANY PROFILE

Door No:321, 2nd Floor, TTK Towers, 80 Feet Road, LIG Colony,  
Anna Nagar, Madurai - 625 020.

Phone: 0452 - 4255270, 2537733,  
Mobile No: 99948 80007, 98942 22777, Email: [info@ttkcons.in](mailto:info@ttkcons.in)

## PROFILE



### About the Company:

Our concern was established in 1980, under the proprietorship of **Mr.T.Thanikodi**. On continuous hard work, 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 of 2006, M/s TTK CONSTRUCTION**, has recorded considerable growth and in the financial year (2024-25) has a **turnover of Rs.444.62 Crores** & during the last financial year (2025-26) achieved a **turnover of Rs.505.04Crores**. During the current financial year (2026-27) it is targeted to achieve a **turnover of Rs.680.00 Crores**.

TTK Having pioneered a vibrant proposition into enterprise building four decades ago, **TTK Construction** today commands unexcelled expertise in infrastructure building at **Madurai in Tamil Nadu** State, entwined with rich technical prowess in the construction of **RAILWAYS, ROADS, HIGHWAYS, BRIDGES, PWD WORKS, BUILDINGS, WATER PIPELINE WORKS, ELETRICAL UTILITY SHIFTING, SEWAGE TREATMENT PLANT, LANDSCAPING** and **HUME PIPE MANUFACTURING UNIT** 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 companies 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 Tamil Nadu State, enveloping the most novel engineering practices on par with the best infrastructure companies of the South India.





## 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 decentralized 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.





**SITE VISIT CONDUCTED BY THE REGIONAL OFFICER, NHAI, MADURAI IN DINDIGUL - THENI - KUMILI (NH 183) PROJECT**



**SITE VISIT CONDUCTED BY THE REGIONAL OFFICER, NHAI, MADURAI IN PROJECT OF FOUR LANING OF LEFT-OVER WORKS INCLUDING ADDITIONAL STRUCTURES IN KERALA / TAMIL NADU BORDER - KANYAKUMARI (NH 47) AT NAGERCOIL**



## ONGOING MAJOR ROAD CONSTRUCTION WORK IN NHAI



TTK is being executing the NHAI prestigious road project namely ***“Four laning of Left-over works including additional structures in Kerala / Tamil Nadu Border – Kanyakumari from Km.43/000 to Km.96/714 of NH 47 in the State of Tamil Nadu on EPC mode”*** at Kanyakumari District. Project Agreement Cost of Rs.1041.30 Crores. [JV share 20%] Executing under back to back basis.

This NH road connects the both states of South India namely Kerala & Tamil Nadu.

As on date, **74.20%** of civil work were completed and remaining are under construction / progress.



RCC Bow String Major Bridge construction work under progress



Major bridge cum VUP construction work under progress.



## **BRIDGE WORKS**

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 level bridge across **Narikulam Tank** in **Tamil Nadu State** or the high level bridge at **Kanyakumari District** is one of our successful examples to read about.



**Major Bridge work across Narikulam Tank from Km.230/600 to Km.231/250 in Madurai - Kanyakumari section of NH 7**

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.

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 ROB @ LC No.17 (Span 1 X 51.4m) between Vadapalanji and Usilampatti Railway Station on Madurai – Cochin section of NH 49 Extn.** 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.



**ROB with Bow String Steel Girder (Span 1 X 51.40m X 2)**





## SUBWAYS / VEHICULAR 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 **Tiruchirappalli - Manamadurai section limited use subways in lieu of existing Level Crossing Nos.352, 353, 368, 370, 392, 397 and 398 (7 Nos) under Southern Railway, 4 Nos Vehicular Underpasses in Karur District, 1 No Vehicular Underpasses in Villupuram District.**





## 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

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 manufacturing plant situated at **Tirumangalam, Madurai**.

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 Hume pipes are designed such as transfer of high pressure of use across, 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 1600 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.





## TTK SHINE

TTK Shine at BB Kulam offers 35 premium 3 BHK apartments designed for a modern urban lifestyle. With spacious homes ranging from 1400–1500 sq.ft., it combines luxury, comfort, and convenience in a prime location. Thoughtfully crafted with excellent natural lighting, ventilation, and high-quality finishes, TTK Shine brings together elegant living and essential amenities creating the perfect space for your dream home.

- TTK Shine offers modern living spaces with a focus on comfort and convenience.
- The apartment features a range of amenities including a well-equipped clubhouse and recreational facilities.
- Units typically range in size from 1,000 to 1,500 square feet
- Located in a well-connected area, it provides easy access to essential services and transportation.



### OUR LOCATION DETAILS

**No.3A, Sulthan Nagar Visalam 1st Street, Maruthupandian Nagar Main Road,  
Narimedu, Madurai - 625002**












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

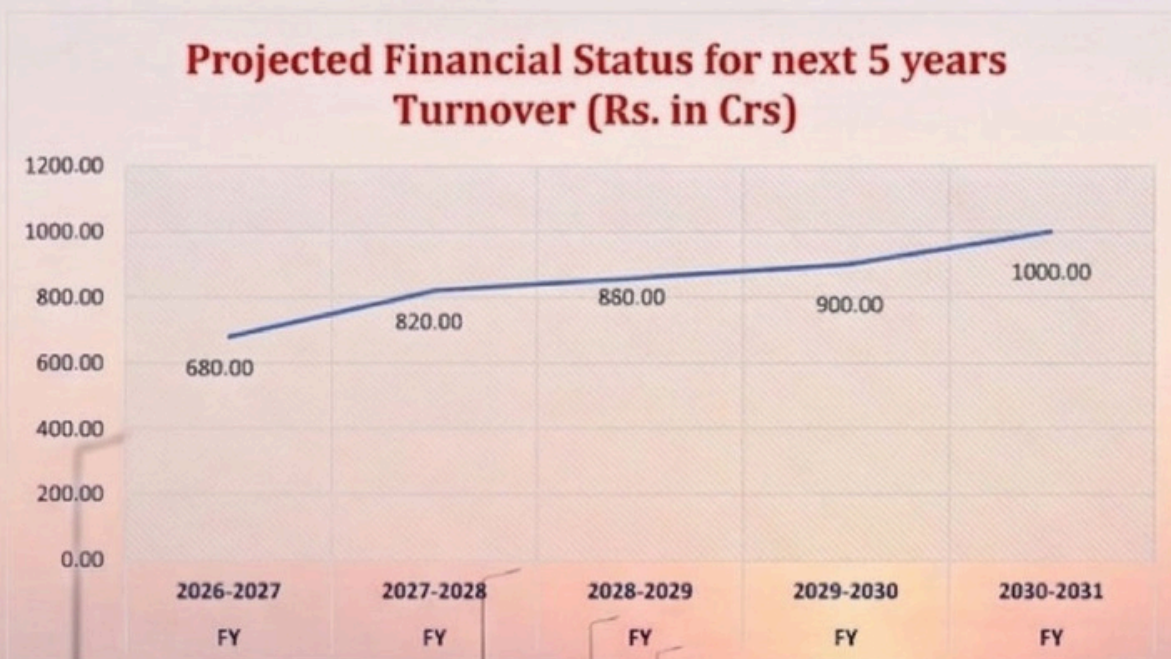
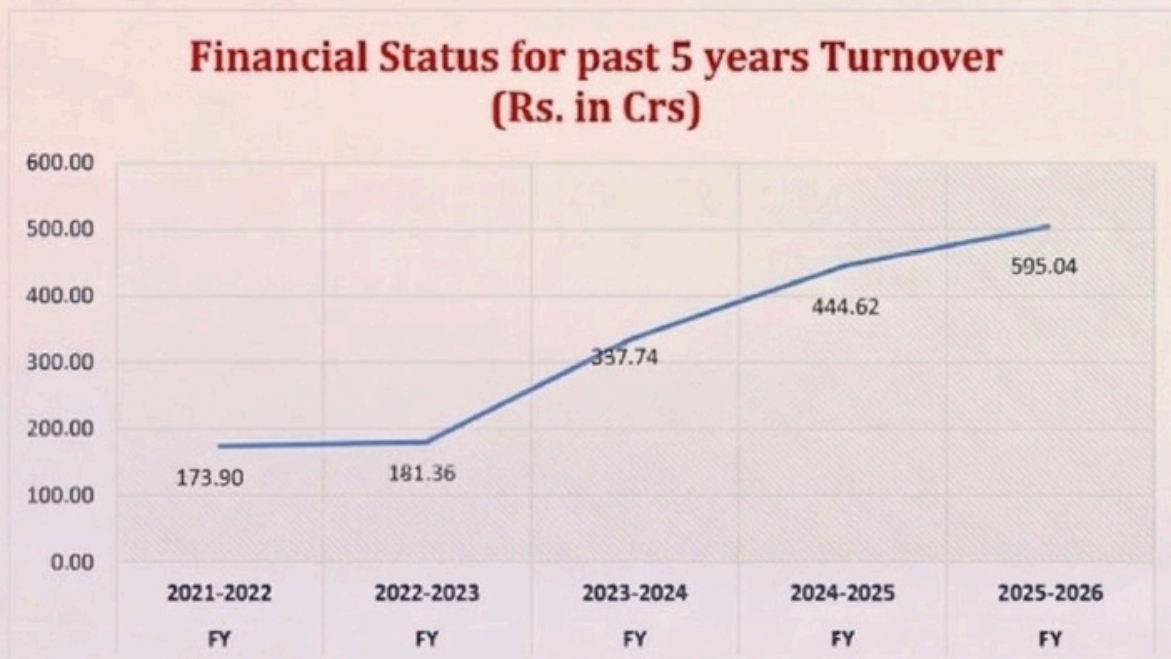
### Our Client List

	<b>Ministry of Road Transport and Highways Govt. of India</b>
	<b>National Highways Authority of India Govt. of India</b>
	<b>Ministry of Railways Govt. of India</b>
	<b>V.O.Chidambaranar Port Trust Govt. of India</b>
 <b>Tamil Nadu Public Works Department</b>	<b>Public Works Department Govt. of Tamil Nadu</b>
 GOVERNMENT OF TAMILNADU HIGHWAYS DEPARTMENT	<b>Highways Department Govt. of Tamil Nadu</b>
	<b>State Industries Promotion Corporation of Tamil Nadu Limited (SIPCOT) Govt. of Tamil Nadu</b>



## FINANCIAL STATUS FOR PAST / FUTURE 5 YEARS

The bar chart showing the financial growth of TTK Construction for the past / future next 5 years as below;





## LIST OF MAJOR PROJECTS BEING EXECUTED

Sl. No.	Name of Client	Name of Project	Value in Crs.	Present status
1	National Highways Authority of India (NHAI), PIU, Nagercoli	Four Laning of left-over works including Additional Structures in Kerala/ Tamil Nadu Border - Kanyakumari from Km.43.000 to Km.96.714 of NH-47 in the State of Tamil Nadu through an Engineering, Procurement and Construction (EPC) (Contract JV shore 20%) (executing under back-to back basis)	1041.30	Ongoing (73% completed)
2	Highways Department (Projects), Madura)	Formation of New Road from Thoothukudi to Vanchimaniyachi Railway junction from km 12/112 - 27/155 (Phase-I) (15.04km)	172.21	Ongoing (10% completed)
3	National Highways Authority of India (NHAI), PIU, Thiruvananthapuram	Operation and Maintenance of Four Lanning of Thiruvananthapuram Bypass from Kazhakkootam to Mukkola (Km.1+800 to Km.26+798) section of NH-66 in the State of Kerala on Performance based Maintenance Contract (PBMC)	63.55	Ongoing (60% completed)
4	National Highways Authority of India (NHAI), PIU, Nagercoli	Construction of 6-lane VUP with Service Road on BHS at T-junction of NH-44 & NH-944 merging point @ Km 220+280 of NH-44 (Kavalkinaru) and 4-lane LVUP at Km 78+650 (Padanthal Junction, Sattaur) in Madurai to Kanyakumari section of NH-44 (Old NH-7) and Construction of Retaining Wall on ROW Edge from Km 6+838 to Km 6+923 in Nagercoil to Kavalkinaru section of NH-944 (Old NH-478) on Item Rate Contract in the State of Tamil Nadu	61.86	Ongoing (35% Completed)
5	VOC Port, Tuticorin	Infrastructure Development for Additional Custom Notified Area Including Road connectivity to Green Hydrogen Plant, Stackyard of North Cargo Berth II & III in VOC Port	47.76	Ongoing (45% completed)
	VOC Port, Tuticorin	Development of 9-Hole Golf Course, including a Driving Range, typically in a Beach Front Area of about 15 to 20 acres in VOC Port	27.39	Ongoing (Preliminary work in progress)
7	VOC Port, Tuticorin	Landscaping on either side of Road from TTPS Junction to Port Guest House to Administrative Office Building	19.24	Ongoing (Preliminary work in progress)
8	Divisional Engineer, Highways, C&M, Thiruvarur.	Formation of Ring Road to Mannargudi Town at Km 19/100 - 22/400 Connecting Thiruvarur - Mannargudi - Muthupet road (SH 202) with Thanjavur - Mannargudi - Thiruthuraipoondi - Vedaranyam - Kodyakkarai road (SH 63) - Phase - II (TNJ-102)	23.71	Ongoing (Preliminary work in progress)
9	Commissioner, Kovilpatti Municipality	Construction of 7.00 MLD capacity Sewage Treatment Plant (STP) usid SBR Technology including Operation & Maintenance of 10 Years on DBOT basis & Construction of Interception and Diversion work for 18.40 Km in Kovilpatti Municipality	29.00	Ongoing (Preliminary work in progress)



## LIST OF MAJOR PROJECTS EXECUTED / COMPLETED

Sl. No.	Name of Client	Name of Project	Value in Crs.	Present status
1	Divisional Engineer, National Highways, Madurai	Construction of ROB at Km.22/2 of NH 49 Extn (New NH No 85) (Madurai - Cochin Road) & Railway chainage in Km.19/2-3 in lied of LC 17 between Vadapalanji & Usilampatti Railway Stations under Sethubharatham project on Engineering, Procurement and Construction (EPC) Basis contract.	45.70	Completed March 2026
2	National Highways, Salem Circle	Widening the existing 2 lane carriageway to 2 lane with paved shoulders from Km.49/8-70/0 of NH 544H strengthening from Km.54/0-56/0, Km.57/2-59/2, Km.61/0-62/0, Km.63/0-64/0 & Km.66/8-66/6 including Reconstruction/ Construction / Widening of CD works, construction of Retaining wall, RCC drain, bus bays in Thoppor - Mettur - Bhavani - Erode road	47.23	Completed February 2025
3	State Industries Promotion Corporation of Tamil Nadu Limited (SIPCOT)	Formation of Internal Roads (Road No. 1, 2, 3, 4, 5, 6 & 7) in Furniture Park at SIPCOT Industrial Park, Thoothukudi in Thoothukudi District	81.10	Completed in August 2024
4	Chennai Kanyakumari Industrial Corridor Project, Chennai	Upgrading and Maintenance of Kumbakonam - Mannargudy Road (SH 66) from Km.3/600 to Km.8/600 and from Km.13/900 to Km.23/800 to two lane with paved shoulders and maintenance of entire project stretch design length of 14.900 km for 7 years in the State of Tamil Nadu on Engineering, Procurement and Construction (EPC) Mode	148.36	Completed April 2024.
5	National Highways, Salem Circle	Widening from two lane to four lane with paved shoulder in Km.60/650-73/2 and strengthening in Km.60/650-61/8, Km.62/8-65/4, Km.65/2-67/2, Km.67/6-70/0, Km.71/2-71/450 and Km.71/750-73/2 and only wearing course at Km.61/8-62/8, Km.63/4-65/2, Km.67/2-67/6, Km.70/0-71/2 including widening of Minor Bridges, construction of additional bridge at Km.64/2, widening and reconstruction of culverts, construction of retaining walls and drain in built up areas in Musiri - Namakkal road (NH 3818) in the State of Tamil Nadu on EPC Mode	86.76	Completed in April 2024
6	National Highways Authority of India (NHAI), PIU, Villupurum	Rectification of Black spot TN-091-03 by providing Permanent measures for construction of VUP (2x12x5.5m) at Km.133/650 (Kooteripattu junction) in Tindivanam to Ulundurpet section of NH-45 in the state of Tamil Nadu on EPC Mode	28.10	Completed in February 2024



Sl. No.	Name of Client	Name of Project	Value in Crs.	Present status
7	National Highways Authority of India (NHAI), PIU, Dindigul	Rectification of Black Spot TN-02 (287) by Construction of 6 Lane V.U.P at Km.349+770 on NH-7 (New no. NH-44) Karukkampatty, RE Wall & Retaining Wall approaches, 2 Lane Service Road (8/s), Reconstruction / Widening of Culverts etc. & Blackspot TN-02-596 by Construction of 4 Lane V.U.P at Km.290+153 on NH-7 (New NH No.44) Semmadal, RE Wall & Retaining Wall approaches, 2 Lane Service Road (8/s), etc.	37.44	Completed in December 2023
8	National Highways Authority of India (NHAI), PIU, Dindigul	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 Irem Rate Contract on back to back <b>(Sub-contract value for Rs.144.69Crs)</b>	317.20	Completed in October 2022
9	Madhucon Infra Limited (under NHAI)	Constructions of VUP at (i) TN-02-227 (Km.293+000 Perichipalayam) and (ii) TN-02-225 (Km.297+000 Periyar Arch) towards permanent mitigation measures under COS, including Execution of Milling including Disposal, providing and applying Tack Cost and laying of Biluminous Concrete in all respects of relaying works from Km.352+725 to Km.367+725 & Km.330+000 to Km.350+000 under TN(DK) Expressways Ltd	79.48	Completed in August 2022
10	Madhucon Infra Limited (under NHAI)	Design, Engineering, Finance, Construction Operation and Maintenance of Madurai - Tuticorin Section from Km.138+800 to Km.264+500 of NH-38(458) in the state of Tamil Nadu	53.03	Completed in October 2021
11	National Highways Authority of India (NHAI), PIU, Nagercoil	Construction of balance road across Narikulam rank from Km.230/700 to Km.231/250 of Madurai - Kanyakumari section of NH-7 in the State of Tamil Nadu.	27.16	Completed in 2019
12	Highways Department, Govt. of Tamil Nadu	Widening from SL to IL and Improvements in Km.25/0-35/0 of Chinnamanur - Iravangalar road (via) Megamalal including construction of culverts, Construction of gabion wall and construction of Park byes.	18.53	Completed in 2018



## 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.

Sl. No.	Name of Machinery	No. of Units	Make	Capacity
1	RMC Plant	7	SCHWING STETTER, AJAX	All CP-30
2	RMC Plant	1	SCHWING STETTER	M1 Plant
3	Hot Mix Plant	1	Apollo ANP 2000	140 TPH
4	Hot Mix Plant	1	Apollo ANP1500	120 TPH
5	VSI Crusher	3	PUZZOLONA & METSO	200 TPH & 300 TPH
6	Paver	3	VOGLE, APOLLO	9m and 7m
7	Concrete Self Load Mixers	3	AJAX	3 Cum
8	Concrete Transit mixers	35	SCHWING STETTER	6 Cum
9	Concrete Pump	1	PUTMEISTER - 1	-
10	Concrete Boom Placing	2	SCHWING STETTER	-
11	Wheel loader	6	SEM, CATERPILLAR	-
12	Excavators	27	CATERPILLAR, KOBELCO, TATA HITACHI	Various
13	Backhoe Loader	14	JCB, HITACHI, CAT	-
14	Water tankers	9	ASHOK LEYLAND, TATA	12000 Litr.
15	Taurus / Tippers	70	BHARAT BENZ, ASHOK LEYLAND, TATA	10m <sup>2</sup> & 12m <sup>2</sup>
16	Generator	50	KIRLOSKAR, GENLITE	Various
17	Vibratory soil compactor & Tandem Roller	15	HAMM, VOLVO, JCB, WRITGEN	8 Ton
18	Hume Pipe Making Machine	1	PAKONA	100 Pipes per day
19	Pneumatic Tyred Roller	1	VOLVO	-
20	Bituminous sprayer	2	AMMANN INDIA LTD	6000 Lit
21	Kerb laying machine	1	AMMANN INDIA LTD	-
22	Grader	4	CATERPILLAR, KOMATSU	-
23	Hydra	15	ESCORTS, ACE	12-20 Ton
24	Tractors	20	MAHINDRA	-
25	Broomer	2	LEYLAND, TVS ROOTS	-
26	Diesel Tanker	4	ASHOK LEYLAND, TATA	-



## SURVEY & QUALITY CONTROL EQUIPMENT'S

Our company will maintain high quality and perfection. Quality control is a process through which a business seeks to ensure that product quality is maintained or improved. It requires the business to create an environment in which both management and employees strive for perfection. The Equipment details are as follows

### Survey Equipment's

Sl. No.	Name of the Equipment	Make	No. of Units
1	Differential Global Positioning System with Complete Set	COMNAV	1
2	Total Station with Complete Set	Leica & Sokkia	5
3	Auto Level with Complete Set	Sokkia	35

### Quality Control Equipment's

Sl. No	Name of the Equipment	Make	No. of Units
1	Proctor Moulds (Big) Coller or Base plate & Rammer 4.89 kg	RAMAAS	5
2	Proctor Moulds (Small) Coller or Base plate & Rammer 2.6 kg	RAMAAS	1
3	Atter Berg Limits Test (Apparatus)	RAMAAS	1
4	Soil Cone Penetrometer	RAMAAS	1
5	Proving Ring (50 KN)	RAMAAS	1
6	Proving Ring (30 KN)	RAMAAS	1
7	Proving Ring (2.5 KN)	RAMAAS	1
8	FSI JARS BOROSIL -100 ml	RAMAAS	30
9	CBR Testing Machine	RAMAAS	1
10	Sand Pouring Cylinders (100 mm Dia) Complete with Calibrating Container with Trays	RAMAAS	4
11	Sand Pouring Cylinders (150 mm Dia) Complete with Callbrating Container with Trays	RAMAAS	4



Sl. No	Name of the Equipment	Make	No. of Units
12	Sand Pouring Cylinders (200 mm Dia) Complete with Calibrating Container with Trays	RAMAAS	4
13	Rapid Moisture Meters	RAMAAS	4
14	Electronic Balance Capacity 60 kg (1 gram accuracy)	RAMAAS	2
15	Electronic Balance Capacity 30 kg (1 gram accuracy)	RAMAAS	2
16	Electronic Balance Capacity 20 kg (1 gram accuracy)	Icon	1
17	Electronic Balance Capacity 10 kg (1 gram accuracy)	RAMAAS	1
18	Electronic Balance Capacity 600gram (0.01 gram accuracy)	RAMAAS	2
19	Hot Air Oven (Big)250°C	RAMAAS	1
20	Direct Shear Test Apparatus	Icon	1
21	Compressive Testing machine(2000KN)	RAMAAS	2
22	Concrete Cube Moulds With Base Plate(10cm)	RAMAAS	12
23	Motor Cube Moulds (7.06cm) with Base Plate	RAMAAS	18
24	Motor Cube Vibrating Machine (12000 Rmp)	RAMAAS	2
25	Concrete Mixer Electrically Operated	RAMAAS	1
26	Cube Vibrating Machine (Big)	RAMAAS	1
27	Slump Cone Testing Apparatus	RAMAAS	5
28	Vicat Needle Apparatus, with dash pot complete with set of needles and brass mould	RAMAAS	1
29	Soundness Testing Apparatus	RAMAAS	1
30	Trowels With Wodden Handles	RAMAAS	2
31	A I V Testing Machine	RAMAAS	1
32	Flakiness Index Test Guage	RAMAAS	1
33	Elongation Index Test Guage	RAMAAS	1
34	Density Basket	RAMAAS	1
35	Bulk Density Cylinder (5lt)	RAMAAS	1
36	Bulk Density Cylinder (15lt)	RAMAAS	1
37	Bulk Density Cylinder (30lt)	RAMAAS	1



Sl. No	Name of the Equipment	Make	No. of Units
38	Riffle Sampler Divider 25mm	Icon	1
39	Pycnometer Bottles (1000 ml)	RAMAAS	3
40	Specific Gravity & water absorption test apparatus with Electronic balance	RAMAAS	1
41	Specific Gravity Bottels (50 ml)	RAMAAS	2
42	Specific Gravity Bottels (100 ml)	RAMAAS	2
43	Ring & Ball Apparatus (Softening Point)	RAMAAS	1
44	Bitumen Penetrometer (automatic)	RAMAAS	1
45	Marshall Stability Apparatus (set)	RAMAAS	1
46	Marshall Compaction Pedestal	RAMAAS	1
47	Marshall Compaction Rammer 4.53 KG	RAMAAS	3
48	Marshall Moulds (101.6 mm Dia)	RAMAAS	30
49	Breaker - glass 600 mll for ring and ball apparatus	RAMAAS	2
50	Bitumen Extraction Apparatus (centrifuge Type)	RAMAAS	3
51	Core Cutting Machine With Apparatus (set)	RAMAAS	3
52	Penetration cup 55x35 mm	RAMAAS	4
53	U tube viscometer size-12	Icon	1
54	U tube viscometer size-6	Icon	1
55	Filtering Flask 2000ml Borosil	Icon	1
56	Filtering Flask 5000ml Borosil	Icon	1
57	Specific gravity Bottle 100ml	Icon	2
58	Hot Plates Electrical	RAMAAS	2
59	Rain Guage	RAMAAS	1
60	Depth gauge	RAMAAS	4
61	Sampling containers 100 gms	RAMAAS	150
62	3 Meter straight edge and measuring wedge	RAMAAS	1
63	Camber template board	RAMAAS	1
64	Hydrometer (05. to 2.0)	RAMAAS	2



## SITE PHOTOS



**Four laning of Left-over works including additional structures in Kerala / Tamil Nadu Border – Kanyakumari from Km.43/000 to Km.96/714 of NH 47**





Four laning of Left-over works including additional structures in Kerala / Tamil Nadu Border – Kanyakumari from Km.43/000 to Km.96/714 of NH 47





**GSB Laying**





*VUP at Karur - Dindigul Road NH-7*





**DINDIGUL-THENI-KUMILI NH OVERLAYING**



**BC Laying**



Hot Mix Plant Located Andipatti, Theni & Nagercoil



*Ch 79+642 Major Bridge RHS Span No.2 Bow bottom staging work*



**Road Over Bridge in Lieu of Exg. LC No. 201 at KM: 271/0-1 between Ariyalur and Sillakkudi Stations.  
Composite Girder - 1 X 44.0m and PSC I Girder - 2 X 31.0m**





***Road Over Bridge in Lieu of Exg. LC No. 17 at Madurai - Bodi between Vadapalanji and Usilampatti***





Aerial view of Major Bridge with ROB



View of Bow String Steel Girder (1 X 51.40 X 2)



**Quality Control Lab**



**Hume Pipe Making Machine at Jothi Nagar, Tuticorin**



**Ready Mix Concrete Plant CP-30 & M1**



**VSI Crusher at Andipatti, Theni**



# TTK CONSTRUCTION

## Our Business Lines

A) Roads

B) Railways

C) Irrigation



## CONTACT US

Door No:321, 2<sup>nd</sup> Floor, TTK Towers, 80 feet Road, LIG Colony,  
Anna Nagar, Madurai - 625 020.  
Phone: 0452 - 4255270, 2537733,  
Mob: 99948 80007, 98942 22777,  
E-mail: info@ttkcons.in  
Website: www.ttkconstructions.com