HIGHWAYS AND MINOR PORTS DEPARTMENT

Policy Note
2025 - 2026

Demand No. 21

E.V. VELU
Minister for Public Works,
Highways and Minor Ports Department

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2025

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1. INTRODUCTION

The development of a State depends on its geographical location, natural & human resources and the infrastructure. Amongst various facilities, road infrastructure is the key player in providing the foundation for the growth of a region. Vital sectors like Agriculture, Industry, Tourism are predominantly depend on the road network. Through, safe, reliable and efficient transportation, goods and commodities including human resources are carried from point to point. Road network apart from triggering economic growth also significantly contributes to social development.

A strong commitment by the Government in improving road infrastructure is evident from the enhancement of living standards, growth indicators and overall development of the State.

Tamil Nadu has the second longest coastline in the country, stretching 1076 kilometres. With 3 major ports and 17 minor ports, the State possesses significant trading capabilities in both

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domestic and international markets. This infrastructure is enhanced to boost the import, export and Port-based industrial sectors.

1.1 HIGHWAYS

The Highways Department is responsible for developing road infrastructure to enhance the transportation system for end users. The objectives include improving capacity in response to traffic intensity, as well as enhancing connectivity, efficiency and safety within the highway system. The key functions of this department are upgradation of existing roads, formation of bypasses, construction of High-Level Bridges, Grade Separators, Elevated Corridors, Railway Over/Under Bridges (ROBs/RUBs), Vehicular Under Pass (VUP), Foot Over Bridges (FOB), Road Safety, Maintenance of existing roads and bridges and capacity augmentation of human resources.

Roads are classified into different categories based on factors such as connectivity, traffic intensity and importance of locality.

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National Highways (NH): It links State capitals, major Ports, major Cities and towns, acting as essential components of the transportation network. National Highways are under the control of Ministry of Road Transport and Highways (MoRTH), Government of India.

State Highways (SH): It connects State headquarters, district headquarters, cities, tourist places, industrial hubs etc., within the State.

Major District Roads (MDR): It connects the district headquarters with other significant towns, rural areas and State highways.

Other District Roads (ODR): It links roads which provide connectivity to marketing centres, production centres, taluk or block headquarters, etc.,

State Highways (SH), Major District Roads (MDR) and Other District Roads (ODR) are under the control of the State Government.

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The length of roads and lane configuration-wise, under different categories within the State's jurisdiction are as follows;

Classification of Roads		**Length in km.**
National Highways	National Highways Wing	1677
	National Highway Authority of India	5128
	Sub-Total	**6805**
State Highways		12625
Major District Roads		11994
Other District Roads		43531
Total Length of roads (other than NH)		**68150**
Total Length of Roads (including NH)		**74955**

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Category	Single Lane	Intermediate Lane	Double Lane	Two Lane with Paved Shoulder	Four Lane	Six Lane	Eight Lane	Total
	(Length in km.)							
National Highways (NH)	-	-	974	2311	3101	398	21	6805
State Highways (SH)	43	319	6667	3284	2053	259	-	12625
Major District Roads (MDR)	658	4587	6154	494	93	8	-	11994
Other District Roads (ODR)	33819	7933	1619	139	17	4	-	43531
Total	**34520**	**12839**	**15414**	**6228**	**5264**	**669**	**21**	**74955**

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The details of bridges maintained by Highways Department are as follows;

Sl. No.	Types of bridges	Nos.
1	Culverts	135101
2	Minor Bridges	8543
3	Major Bridges	1047
4	Grade Separators	77
5	ROBs at Railway level crossing	157
6	RUBs at Railway level crossing	92
7	Pedestrian Sub Way/Limited Use Subway	15
8	Foot Over Bridge	10
	Total	**145042**

1.2 MINOR PORTS

Along the coast-line of 1076 km, 3 major Ports viz., Chennai, Ennore and Thoothukudi are under the control of Government of India. 17 Minor Ports are under the control of State of Tamil Nadu.

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1.3 POOMPUHAR SHIPPING CORPORATION LIMITED (PSCL)

Poompuhar Shipping Corporation Limited (PSCL) was formed on 11.04.1974 under the Companies Act, 1956. The main activity of PSCL was to transport coal. The PSCL is operating ferry services from the shore of Kanyakumari to Vivekananda Rock Memorial and Ayyan Tiruvalluvar Statue to promote tourism. The PSCL is also operating ferry service to Vattakottai.

1.4 SUSTAINABLE DEVELOPMENT GOALS (SDGS)

United Nations have set up 17 Sustainable Developmental Goals in the year 2015 which are to be achieved within the year 2030.The above goals are related to the sustainable development in three dimensions - Economic, Social and Environmental - in a balanced and integrated manner.

State-specific indicators have been established for all sectors to monitor performance at the State level in relation to the SDGs.

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The department has been assigned specific indicators related to the following goals.

Target 3.6: By 2020, halve the number of deaths and injuries from road traffic accidents.

Comprehensive road safety initiatives are being implemented with the involvement of Departments of Home, Transport, Highways, Health and Education to achieve the goal.

GOAL 9 - INDUSTRY, INNOVATION AND INFRASTRUCTURE - BUILD RESILIENT INFRASTRUCTURE, PROMOTE INCLUSIVE AND SUSTAINABLE INDUSTRIALIZATION AND FOSTER INNOVATION.

Target 9.1: Develop quality, reliable, sustainable and resilient infrastructure, including regional and trans-border infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all.

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The objective of this goal is to develop better infrastructure to ensure social and economic prosperity of the State.

This department develops road infrastructure to enhance the connectivity and capacity through various schemes.

The performance of the above indicator is as follows;

S. No	Indicators	Year		
		2015 (Base Year)	2023	2024
1	9.1.1b- Length of SH road network (km)	12093	12349	12625
2	9.1.1b.1-Length of 4 lane to SH (Proportion in %)	-	16.71	18.31
3	9.1.1c – Length of MDR (km)	11617	12034	11994
4	9.1.1c.1 - Length of Two lane to MDR (%)	27.23	53.81	56.27

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S. No	Indicators	Year		
		2015 (Base Year)	2023	2024
5	9.1.1d – Length of ODR (km)	33756	42833	43531
6	9.1.1d.1 - Length of Two lane to ODR (%)	2.51	3.94	4.09
7	9.1.1d.2 - Length of Single Lane to ODR (%)	88.01	78.31	77.69

Consistent efforts are being taken to augment the capacity of the roads by upgrading the roads in different categories to achieve the goal.

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2. ORGANIZATIONAL STRUCTURE

Tamil Nadu is the pioneer State in the country which has formed an exclusive department for Highways in 1946. Previously, it was part of the Public Works Department, later it was established as a separate and distinct department. A new post of Secretary to Government was created in 1996. Minor ports were later brought under the purview of this Department and the Department was renamed as Highways and Minor Ports Department.

The Highways Department, which has been functioning for more than 75 years, marked its Platinum Jubilee (75th year) in the year 2022 in the august presence of the Hon'ble Chief Minister of Tamil Nadu and boasts numerous accolades.

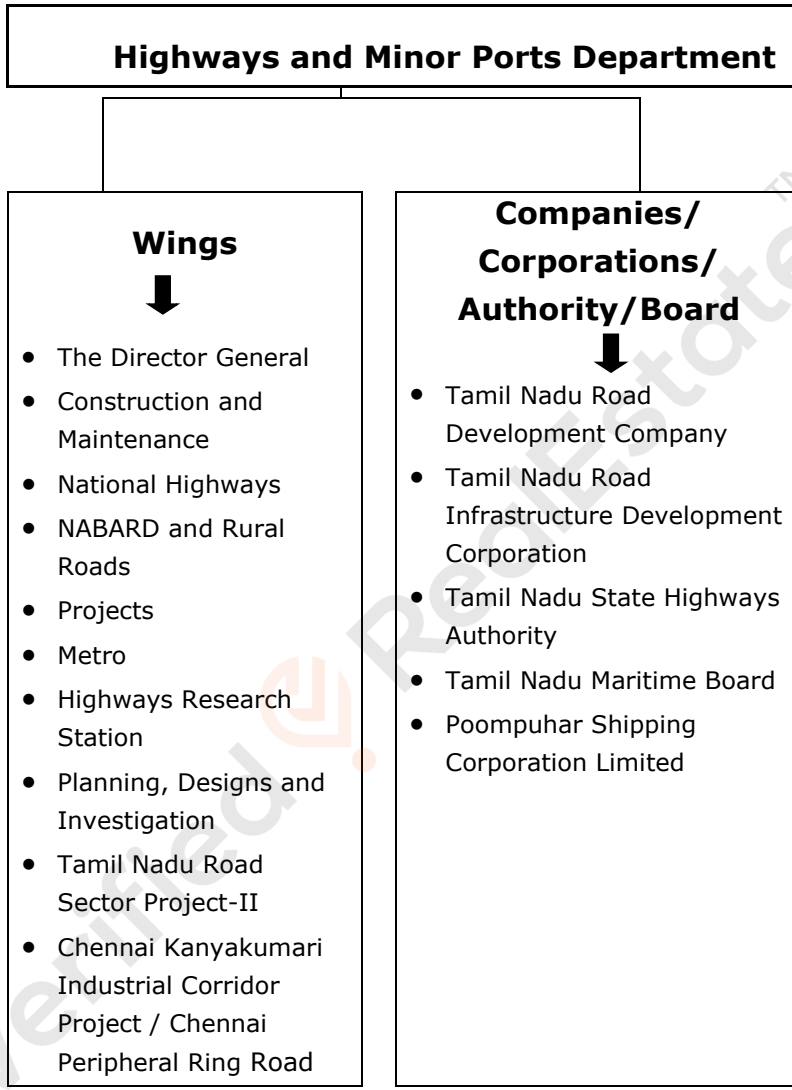
Effective planning, design, construction, maintenance and quality control are essential elements for the development of Roads and Bridges, Bypasses, Grade Separators, Elevated Corridors, ROBs/RUBs, Foot Over Bridges, Pedestrian Subways and Culverts. To construct

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and maintain the above, various wings are effectively functioning in Highways Department.

The organisational structure and functions of the department are as follows;

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2.1 FUNCTIONS

2.1.1 Office of the Director General

This wing is headed by the Director General and functions with 3 Joint Directors and a Chief Officer (Information Technology) in the cadre of Divisional Engineer.

The activities of this wing is

- Inter-Departmental/ Intra-Departmental coordination.
- Administration.
- Overall service matters of department.
- Maintenance of websites of the department and IT related initiatives.
- Monitoring the issues related to quality control.
- Chairman/Member for the following technical committees.

Board of Engineers (BoE)

The technical body responsible for making policy decisions on technical and other significant matters, the BoE, is headed by the Director

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General and includes all Chief Engineers and the Director of HRS as its members.

Commissionerate of Tenders (CoT)

The CoT, chaired by the Director General, includes the Deputy Secretary to the Government (Budget), the Chief Engineer (Construction and Maintenance), the Chief Engineer (NABARD and Rural Roads) and the Chief Engineer of the concerned wing who places the proposal. This body accords approval for the acceptance of tender.

High Level Dispute Resolution Committee (HLDRC)

The HLDRC, chaired by the Director General, includes the Project Director, TNRSP-II, the Director, Highways Research Station, nominees from Finance Department and Law Department as members and the Chief Engineer (H), to whom the dispute pertains shall act as the convener. The committee is constituted for early settlement/resolution of contractual dispute arising in the projects.

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Revised Administrative Sanction Committee (RASC)

This committee comprises of the Director General, the Chief Engineer of the work concerned, the Chief Engineer (Planning, Designs and Investigation), the Deputy Secretary to Government (Highways and Minor Ports Department) and Deputy Secretary to Government (Budget) of the Finance Department. The committee scrutinizes the deviations involved in the works requiring RAS and recommends the same to the Government.

Technical Audit Committee (TAC)

This committee, consisting of the Director General, the Director (Highways Research Station) and all the Chief Engineers, provides expert technical opinions on project proposals.

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The Hon'ble Chief Minister inaugurated the Marine Glass Bridge connecting Ayyan Thiruvalluvar Statue Rock with the Vivekananda Memorial Rock on 30.12.2024 in Kanyakumari District.

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The picturesque view of the marine glass bridge connecting Ayyan Thiruvalluvar Statue Rock with the Vivekananda Memorial Rock inaugurated by the Hon'ble Chief Minister on 30.12.2024

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APPOINTMENTS

During the year 2024-25, 52 Assistant Engineers, 3 Junior Draughting Officers, 3 Audit Assistants and 182 Assistants selected through Tamil Nadu Public Service Commission and 4 eligible sports persons selected as Assistants by the High Level Selection Committee of the Youth Welfare and Sports Development Department have been appointed.

2.1.2 Construction and Maintenance

This wing is headed by a Chief Engineer and functions with 10 circles headed by Superintending Engineers, 49 divisions headed by Divisional Engineers.

This wing is the custodian for all roads under State Highways Department.

- Maintenance of existing roads and bridges.
- Widening, Strengthening and Improvements of roads.
- Special / urgent and flood permanent restoration works.

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- Road safety works.
- Construction of Bypasses.
- Construction of Elevated Corridors / Grade Separators.
- Construction of High-Level Bridges (HLBs).

2.1.3 National Highways

This wing is headed by a Chief Engineer and functions with 3 circles headed by Superintending Engineers, 9 divisions headed by Divisional Engineers and 3 quality control divisions for taking various works on NHs as agency for Government of India (GOI).

- Upgradation of NHs through widening, strengthening and elimination of Blackspots and Hotspots under road safety works.
- Formation of bypasses to decongest the traffic in major towns / urban areas.
- Construction of Flyovers / Vehicular Under Passes (VUP), High-Level bridges, Road Over/ Under Bridges (ROB/RUBs).

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- Maintenance of NHs through Short Term Maintenance Contract (STMC) and Performance Based Maintenance Contract (PBMC).
- Improvements under periodical renewal for free flow of traffic.
- Flood damage repair works in monsoon periods.

2.1.4 NABARD and Rural Roads

This wing is headed by a Chief Engineer and functions with 4 circles headed by Superintending Engineers and 14 divisions headed by Divisional Engineers.

- Construction of High-Level Bridges with the loan assistance from National Bank for Agriculture and Rural Development (NABARD) and State fund.
- Upgradation of Panchayat Union roads/ Panchayat roads to Other District Roads (ODR) Standards under State fund and NABARD loan assistance.
- Construction of ROBs / RUBs.

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- Formation of Bypasses under State fund.

2.1.5 Projects

This wing is headed by a Chief Engineer and functions with 3 circles headed by Superintending Engineers and 10 divisions headed by Divisional Engineers.

- Construction of ROB/RUBs under Railway Works Programme (RWP) and State-funded schemes.
- Construction/Re-Construction of HLBs.
- Construction of Grade Separators and Elevated Corridors to ease traffic congestion.
- Formation of Bypasses/ Link roads to facilitate smooth traffic movement.

2.1.6 Metro

This wing is headed by a Chief Engineer and functions with 1 circle headed by Superintending Engineer and 4 divisions headed by Divisional Engineers for taking various works within the Chennai Metropolitan Area (CMA).

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- Construction of Grade Separator/ VUP/Elevated Corridor.
- Construction of HLBs.
- Widening of roads/bridges.
- Formation of new link roads and bypasses.
- Construction of FOB with escalators.
- Construction/ Widening of ROB/RUB/Limited Use Subways.

2.1.7 Highways Research Station

Highways Research Station (HRS) is headed by Director and functions with;

1 Joint Director, HRS and 4 Deputy Directors for testing and research, 10 Divisional Engineers for quality control.

1 Joint Director, Training Centre and 2 Deputy Directors for training.

1 Superintending Engineer, Road Safety wing and 8 Divisional Engineers for road safety.

- Conducting research on advanced materials and technologies.

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- Testing on highway construction materials.
- Providing technical guidance to the issues related to the domain of roads, bridges and highways related aspects.
- Quality control.
- Road safety.
- Human Resources Development by imparting advanced training.

2.1.8 Planning, Designs and Investigation

This wing is headed by a Chief Engineer and functions with a Joint Chief Engineer and 4 Divisional Engineers.

- Preparation and approval of structural design, drawings and quantity estimates for River Bridges, ROBs, RUBs, Grade Separators, FOBs and other highway structures costing more than Rs.2 Cr.
- Proof checking of designs and drawings prepared by consultants engaged / forwarded by execution wings and other Government departments.

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- Technical suggestions for issuing permits for non-standard heavy motor vehicles to ply on bridges.

2.1.8.1 *Bridge Monitoring Unit (BMU)*

This unit has been established under the control of Chief Engineer, Planning, Designs and Investigation and headed by a Superintending Engineer and 4 Divisional Engineers.

- Periodical inspection of HLB's, ROB/RUBs, FOB, Grade Separator and Elevated Corridor throughout the State and preparation of bridge status report. Based on that report, suggesting suitable repair/rehabilitation measures to the concerned execution wings.
- Scrutinize the all new bridge proposals.

2.1.9 Tamil Nadu Road Sector Project-II

This wing is headed by the Project Director with a Chief Engineer, 1 circle headed by Superintending Engineer and 5 divisions headed by Divisional Engineers.

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Tamil Nadu Road Sector Project -II is an Externally Aided Project executing upgradation and maintenance of core roads across the State.

2.1.10 Chennai Kanyakumari Industrial Corridor Project

This project is headed by a Project Director with a Chief Engineer, 2 circles headed by Superintending Engineers and 6 divisions headed by Divisional Engineers.

This project envisages upgradation and maintenance of 589 km length of State Highways with the loan assistance of Asian Development Bank (ADB).

2.1.11 Tamil Nadu Road Development Company Limited

Tamil Nadu Road Development Company (TNRDC) and Information Technology Expressway Ltd., (ITEL) companies are being managed by the Board of Directors with the members from Tamil Nadu Industrial Development Corporation (TIDCO), TIDEL, nominees from the Government

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and Independent Directors under the Chairmanship of the Secretary, Highways and Minor Ports Department. Both TNRDC and ITEL companies are managed by the Managing Director with a Chief General Manager, General Managers/ Superintending Engineers and Divisional Engineers.

This company executes certain special projects such as;

- Concessionaire for East Coast Road (Akkarai to Mamallapuram)
- Managing Associate for
    - Operation and Maintenance of Chennai Outer Ring Road (CORR).
    - Construction of Chennai Peripheral Ring Road Project, Section-I and Section-V.

2.1.12 Tamil Nadu Road Infrastructure Development Corporation

The Secretary to Government, Highways and Minor Ports Department is the Chairman and

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Managing Director. The company is managed by an Executive Director in the rank of Chief Engineer with a Superintending Engineer and 3 Divisional Engineers.

TNRIDC is Implementing Agency/ Managing Associate for the following projects with funding from the State Government and external agencies;

- Construction of Chennai Peripheral Ring Road Project (CPRR) - Section II, III & IV.
- Operation and maintenance of Madurai Ring Road.
- Construction of ROB in lieu of LC 47 near Singaperumal koil.
- Construction of Oragadam Industrial Corridor.

2.1.13 Tamil Nadu State Highways Authority (TANSHA)

The Government of Tamil Nadu has established Tamil Nadu State Highways Authority (TANSHA) in the year 2024 under the Act 12/2024 to execute major road infrastructure

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projects through Public-Private Partnership (PPP) including four lane corridor and expressways.

The following types of infrastructure projects to be implemented by this Authority.

- Public-Private Partnership (PPP) initiatives in highway development.
- Four lane roads and expressway construction.
- Connectivity enhancement to ports, airports and industrial hubs.

2.1.14 Tamil Nadu Maritime Board

Tamil Nadu Maritime Board is functioning under the Chairmanship of Hon'ble Minister for Public Works, Highways and Minor Ports Department. To cater the needs of increasing sea freight traffic bound for Southern States by providing efficient facilities and services to support domestic and international trade.

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2.1.15 Poompuhar Shipping Corporation Limited

Poompuhar Shipping Corporation Limited (PSCL) is a Government of Tamil Nadu undertaking. It was established under the companies Act, 1956 on 11.04.1974. The core activities of PSCL are:

- Transportation of thermal coal along the eastern sea side of India.
- Passenger ferry service at Kanyakumari and Vattakottai.

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3. MAJOR SCHEMES/PROJECTS

The main objective of Highways Department is to construct and maintain roads to ensure safe movement of goods and people. All schemes and projects are planned and executed to achieve this objective.

3.1 STATE FUNDED SCHEMES/ PROJECTS

3.1.1 Comprehensive Road Infrastructure Development Programme (CRIDP)

The Comprehensive Road Infrastructure Development Programme is a significant initiative being implemented from the year 2005-2006 aimed at enhancing road capacity through activities such as widening and strengthening. By improving road surfaces, this program provides benefits to road users by reducing vehicle wear and tear. Additionally, development projects like widening roads are crucial for accommodating increasing traffic volumes and alleviating congestion levels. Strengthening / improvements of the existing road network increases life period of the road adding to value of assets. This program provides better serviceability and user satisfaction.

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Efficient road infrastructure is essential not only for fostering economic development within a region but also for playing a pivotal role in enhancing the overall quality of life for its residents.

In the last three years, widening / improvements of 11662 km roads & construction of 1451 bridges/culverts at a cost of Rs.19740 Cr. have been taken-up. Of which, widening/ improvements of 11499 km roads & construction of 1435 bridges/culverts at a cost of Rs.15794 Cr. have been completed and the remaining works are in progress.

In the Financial year 2024-25, widening / improvements of 2481 km roads & construction of 124 bridges/culverts at a cost of Rs.4720 Cr. have been taken-up. Of which, widening/ improvements of 1366 km roads & construction of 26 bridges/culverts at a cost of Rs.358 Cr. have been completed and the remaining works are in progress. The details of CRIDP Scheme are as follows.

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3.1.1.1 *Chief Minister's Road Development Programme (CMRDP)*

The Hon'ble Minister for Public Works, Highways and Minor Ports Department announced during the demand session 2021-22, that important State Highways connecting district and taluk headquarters will be widened to four-lane for a length of 2200 km and other roads will be widened to two-lane for 6700 km in the next 10 years.

Under this flag-ship programme, during the last three years, 577 km roads for conversion to four-lane at a cost of Rs.4984 Cr. and 1710 km roads for conversion to two lane at a cost of Rs.2464 Cr. have been taken-up. Of which, 489 km under four-lane conversion and 1692 km under two lane conversion have been completed at a cost of Rs.6242 Cr. and the remaining works are in progress.

In the Financial year 2024-2025, 254 km roads for conversion to four-lane at a cost of Rs.1681 Cr. and 328 km roads for conversion to two lane at a cost of Rs.452 Cr. have been taken-up and the works are in progress.

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3.1.1.2 *CONSTRUCTION OF HIGH-LEVEL BRIDGES*

❖ **Chief Minister's All Season Uninterrupted Connectivity Scheme**

During floods, water overflows on the causeways, disrupting traffic flow. As a result, the livelihood of the people in the neighborhood of water bodies and channels get adversely affected. To address this issue, an announcement during the Budget session 2021- 22, was made as **' in lieu of existing causeways High Level Bridges will be constructed by the year 2026'**, under **"Chief Minister's all season uninterrupted connectivity scheme"**.

In the last three years, 1138 causeways at a cost of Rs.2058.39 Cr. have been taken-up under various schemes. Of which, 1063 causeways at a cost of Rs.1354.33 Cr. have been converted into HLBs and remaining works are in progress. In the financial year 2024-2025, 59 causeways at a cost of Rs.196.26 Cr. have been taken-up. Of which, 3 Causeways at a cost of Rs.8 Cr. have been converted into HLBs and remaining works are in progress.

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Namakkal Bypass in Namakkal District inaugurated by the Hon'ble Chief Minister on 22.10.2024

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❖ **Other High Level Bridges**

Bridges over water bodies, particularly rivers, ensure smooth traffic flow and provide seamless connectivity between the river banks.

In all, Construction of 277 HLBs have been completed and opened for public use, in the last three years.

Further, 19 works at a cost of Rs.596.14 Cr. under State funded scheme and 27 works at a cost of Rs.336.18 Cr. under NABARD loan assistance are in progress.

In the financial year 2024-25, 39 HLBs have been completed at a cost of Rs.390.19 Cr. 6 HLBs at a cost of Rs.131.70 Cr. has been taken-up for execution under State funded scheme are in progress.

3.1.1.3 *Ungal Thoguthiyil Mudalamaichar*

One of the stellar schemes announced by the Hon'ble Chief Minister of Tamil Nadu, "Ungal Thoguthiyil Mudalamaichar" addresses long

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pending and important demands in every constituency recommended by public representatives.Under this programme, 37 road works at a cost of Rs.278.77 Cr., 2 bypasses at a cost of Rs.238.7 Cr.,Land Acquisition for 6 bypasses at a cost of Rs.769.18 Cr. and preparation of Detailed Project Report for 6 bypasses at a cost of Rs.1.4 Cr., construction of 26 bridge/ culverts at a cost of Rs.272.65 Cr. & construction of storm water drains at 11 locations at a cost of Rs.44 Cr. were taken-up.

Of which, 16 road works, preparation of Detailed Project Report for 6 bypasses, storm water drain works in 10 locations and 14 bridge/ culvert works are completed at a cost of Rs.203 Cr. and the remaining works are in progress.

3.1.1.4 *ELEVATED CORRIDOR*

Elevated Corridors are being constructed to reduce the traffic congestion and ensure smooth traffic flow in major cities. Some of the Elevated

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Corridors taken-up by the department are mentioned below;

1. Construction of Elevated Corridor along Avinashi road in Coimbatore City from Goldwins to Uppilipalayam for a length of 10.10 km at a cost of Rs.1791.23 Cr. will be completed at the earliest.
2. Construction of Elevated Corridor from Teynampet to Saidapet in Chennai city at a cost of Rs.621 Cr. is in progress.

3.1.1.5 *GRADE SEPARATORS*

Grade separators are constructed as a long term solution to reduce travel time and fuel consumption at congested junctions.

Certain iconic Grade Separators taken-up by the department are;

1. Ukkadam - Athupalam in Coimbatore city at a cost of Rs.406 Cr. – completed and opened for public use.
2. Construction of Flyover at Goripalayam junction in Madurai City from km 440/100-441/0 of Varanasi- Kanyakumari road

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(SHU 73) and km 0/0-0/6 of Madurai - Alagarkoil - Melur road (SH 72A) for Rs.190 Cr.- in progress.

3. Grade Separator at km 1/2 of Madurai-Thondi road (Apollo Hospital Junction) at a cost of Rs.150 Cr.- in progress.
4. Construction of Grade Separator at km 37/6-38/4 of Vandalur – Walajabad road (Padappai) at a cost of Rs.25.52 Cr. will be completed at the earliest.

3.1.1.6 *FORMATION OF BYPASSES / LINK ROADS*

❖ **Bypasses**

Bypasses plays a vital role in the diversion of through-traffic and helps in reducing traffic congestion in major towns. Bypasses results in reduction of travel time, air pollution and vehicle operating cost.

In the last three years, 18 bypasses has been taken-up at a cost of Rs.1362.92 Cr. for execution. Of which, 6 bypasses viz.,Thiruthuraipoondi (Phase I), Parthibanur,

Coonoor, Bhavani Phase- II, Namakkal Phase- I and Kamuthi at a cost of Rs.221.81 Cr. have been completed and the remaining works are in progress.

In the financial year 2024-25, 7 bypasses viz., Bodinayakkanur, Tirunelveli Western bypass Phase-I, Tenkasi-Phase-I, Arcot, Mannargudi Phase-I, Dindigul Phase-I and Sivakasi Outer ring road Phase-I have been taken-up at a cost of Rs.663 Cr. and the works are in progress.

Further, for 57 bypasses, preparation of DPR, land acquisition and construction works are in progress.

❖ **Link Roads**

In the year 2024-25, Rajapalayam link road has been taken-up at a cost of Rs.30 Cr. and is in progress.

3.1.1.7 *Development works in Urban roads*

Urban areas are characterized by commercial activities, heavy commuter traffic,

increased local movement and a high demand for parking spaces. To ensure a long-term solution and smooth traffic flow on State Highways, the department is committed to develop roads within urban boundaries. The Hon'ble Minister for Public works, Highways and Minor Ports Department, during the Budget Session 2021-22 has announced that State Highways and Major District Roads in Corporation, Municipality, and Town Panchayat areas will be widened to four lane with paved shoulder, if required land is available and if there is no land available for four lane, then the road will be widened up to the Right Of Way (ROW) to cater the increased traffic. In order to avoid stagnation of rain water, drains with footpath are being constructed.

In the last three years, urban improvement works in 172 km roads at a cost of Rs.816 Cr. have been taken-up. Of which, 166 km roads at a cost of Rs.731 Cr. have been completed and the remaining works are in progress.

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In the financial year 2024-25, urban improvement works in 39 km at a cost of Rs.150 Cr have been taken-up. Of which, works in 13 km roads at a cost of Rs.10 Cr. have been completed and the remaining works are in progress.

3.1.1.8 *Disaster Management Activities*

Tamil Nadu receives most of its rainfall from northeast monsoon during the month of October, November and December every year. Highways department undertakes pre-monsoon activities in month of August every year, which includes removal of shrubs, creepers, vegetation, plants obstructions and blockages in the waterways of culverts /bridge portions to facilitate uninterrupted flow of water during rainy season.

In the year 2023-24, 404 temporary restoration works at a cost of Rs.250 Cr. and 370 permanent restoration works in flood damaged roads, culverts/causeways, drain at a cost of Rs.475 Cr. have been taken-up. Of which, 402 temporary restoration works at a cost of

Rs.228 Cr. and 343 permanent restoration works at a cost of Rs.351 Cr. have been completed and remaining works are in progress.

❖ Flood Permanent Prevention Works

Based on Dr. V. Thirupugazh Committee recommendation, 13 works at a cost of Rs.91.73 Cr. have been taken-up and completed in the year 2023-24 in Chennai Metropolitan Area to prevent flooding of Chennai. In the year 2023-24 under CRIDP, 46 works including 14,744 m drain work, 9 culverts and 128 km long silt catchpits had been taken-up and completed at a cost of Rs.105.68 Cr.

❖ Cyclonic Storm- FENGAL

In December 2024, heavy rain occured in the Districts of Chennai, Thiruvallur, Chengalpattu, Kancheepuram, Villupuram, Cuddalore, Tiruvannamalai, Ranipet, Thirupathur, Salem, Krishnagiri and Dharmapuri. Due to the heavy downpour, flood water which have been collected in the whole catchment area crossed

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various cross drainage works on the roads causing heavy damages to the structural aspect of the bridges and culverts. The floodwater submerged most of the roads of these districts which caused more traffic interruption and road damages.

Considering the importance of immediate restoration of transport system, necessary short, medium and long-term plan which were prepared during the pre-monsoon preparatory work has been implemented in various roads. Short term measures to repair the roads were executed at a cost of Rs.15 Cr. and traffic was restored.

3.1.1.9 *Details of works under CRIDP Schemes in various classification of Roads*

❖ **State Highways (SH)**

In the last three years, widening / improvements of 1673 km roads and construction of 137 bridges/ culverts at a cost of Rs.9316 Cr. have been taken-up in total. Of which, 1559 km road works and construction of 132 bridges/ culverts at a cost of Rs.6764 Cr.

have been completed and the remaining works are in progress.

In the financial year 2024-25, widening and improvements of 468.45 km roads and construction of 26 bridges/ culverts at a cost of Rs.2657 Cr. have been taken-up in total. Of which, 86 km road works and construction of 4 bridges/ culverts at a cost of Rs.66 Cr. have been completed and the remaining works are in progress.

❖ **Major District Roads (MDRs)**

In the last three years, widening and improvements of 1908 km roads and construction of 230 bridges/ culverts at a cost of Rs.3385 Cr. have been taken-up in total. Of which,1878 km road works and construction of 226 bridges/ culverts at a cost of Rs.2827 Cr. have been completed and the remaining works are in progress.

In the financial year 2024-25, widening and improvements of 326.21 km roads and

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construction of 23 bridges/ culverts at a cost of Rs.651 Cr. have been taken-up in total. Of which, 118 km road works and construction of 8 bridges/ culverts at a cost of Rs.67 Cr. have been completed and the remaining works are in progress.

❖ **Other District Roads (ODRs)**

In the last three years, widening and improvements of 2987 km roads and construction of 1074 bridges/ culverts at a cost of Rs.4821 Cr. have been taken-up in total. Of which, 2968 km road works and construction of 1067 bridges/ culverts at a cost of Rs.3985 Cr. have been completed and the remaining works are in progress.

In the financial year 2024-25, widening and improvements of 476.37 km roads and construction of 75 bridges/ culverts at a cost of Rs.836 Cr. have been taken-up in total.Of which, 149 km road works and construction of 14 bridges/ culverts at a cost of Rs.79 Cr have

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been completed and the remaining works are in progress.

3.1.1.10 *Other District Roads – Special Component Plan (ODR-SCP)*

As a part of CRIDP, roads connecting habitation with more than 40% of SC/ST population are taken-up for improvements under this scheme.

In the last three years, widening / improvements of 500 km roads and construction of 10 bridges/ culverts at a cost of Rs.607 Cr. have been taken-up and completed.

In the financial year 2024-25, widening / improvements of 133.14 km roads at a cost of Rs.155 Cr. have been taken-up for execution. Of which, 64 km road works have been completed at a cost of Rs.13 Cr. and the remaining works are in progress.

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3.1.1.11 *Improvements to Riding Quality Programme (IRQP)*

Top surface of road is normally designed for a life-time of 5 years. Based on the necessity, the roads are to be maintained in better condition for continued serviceability, reduced vehicle operating costs (VOC), lowering wear and tear of vehicular components, reduced air pollution and road crashes.

In the last three years, improvements to riding quality of 4594 km road works at a cost of Rs.1611 Cr. have been taken-up as a part of CRIDP Scheme and completed.

In the financial year 2024-25, improvements to riding quality of 1077 km roads at a cost of Rs.421 Cr. have been taken-up. Of which, 948 km road works at a cost of Rs.133 Cr. have been completed and the remaining works are in progress.

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3.1.2 Chennai Metropolitan Development Plan (CMDP)

Under the Chennai Metropolitan Development Plan (CMDP), projects for improving infrastructure facilities in transport sector are being implemented to enhance seamless vehicular and pedestrian movement within Chennai Metropolitan Area (CMA). Some of the works are carried out under this scheme are as follows;

1. High Level Bridge across Coovam river at Paruthipattu have been completed at a cost of Rs.19.48 Cr. and opened for Public use by Hon'ble Minister for Public Works, Highways & Minor Ports on 11.02.2025.

2. Construction of Two lane Grade separator at the Junction of Sardar Patel Salai and Rajiv Gandhi Salai in Madhya Kailash at a cost of Rs.60.69 Cr. is in progress.

3. The work of widening and strengthening of East Coast Road to six lane carriageway for a length of 0.935 km at a cost of Rs.21.95 Cr. in Kottivakkam stretch, for a

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length of 1.15 km at a cost of Rs.21.18 Cr. in Palavakkam stretch and for a length of 6.60 km at a cost of Rs.134.58 Cr. in Neelangarai, Injambakkam and Sholinganallur stretch are in progress and nearing completion.

4. In the work of formation of new link road connecting Rajiv Gandhi Salai and ECR, a portion of road work from Rajiv Gandhi Salai to Buckingham canal at a cost of Rs.18.25 Cr. has been completed. Land acquisition is in nearing completion for the connectivity from Buckingham canal to ECR and the construction work will be commenced at the earliest.

5. Construction of HLB across Coovam river at Nolambur is being executed by Greater Chennai Corporation. Land acquisition at a cost of Rs.92.91 Cr. is carried out by Highways Department.

6. In the year 2024-25, formation of a new road connecting Greenways Road (DGS

Dinakaran Salai) with Durgabhai Deshmukh road near TamilNadu Music College at a cost of Rs.37.86 Cr. is in progress.

7. In the year 2024-25, the work of construction of HLB across Coovam river at Padikuppam at a cost of Rs.29.70 Cr. is in progress.

8. Construction of 2 Foot Over Bridges with escalator near Nelson Manickam Road junction in Grand Western Trunk (GWT) Road and Senthil Nagar junction in Inner Ring Road at a cost of Rs.30.67 Cr. is in progress.

9. In the year 2024-25, Construction of 2 Foot Over Bridges with escalator at i) Velachery in Marmalong Bridge - Irumbuliyur road at a cost of Rs.16.14 Cr. ii) Koyembedu in Inner Ring Road at a cost of Rs.19.64 Cr. will be commenced at the earliest.

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The Hon'ble Chief Minister released “Superstructure Plans for Bridges” on 26.07.2024

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48 B



The Hon'ble Chief Minister distributed the appointment orders to newly recruited Assistants on 14.08.2024

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3.2 UPGRADATION OF PANCHAYAT UNION ROADS / PANCHAYAT ROADS TO OTHER DISTRICT ROADS STANDARDS

During the Budget session 2021-22, the Hon'ble Minister for Public Works, Highways & Minor Ports Department announced that 10,000 km of Panchayat Union / Panchayat Roads would be upgraded to Other District Roads (ODR) standard in a phased manner. The Government have prioritized this scheme, recognizing that upgrading rural roads is key to uplift the rural economy.

In the last three years, 2786.58 km road works at a cost of Rs.3056.01 Cr. has been taken-up for upgradation. Of which, 2668.82 km road works at a cost of Rs.2922.17 Cr. have been completed and the remaining works are in progress.

In the financial year 2024-25, upgradation of 1187.08 km road works at a cost of Rs.1448.21 Cr. have been taken-up and works are in progress.

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3.3 CONSTRUCTION OF ROAD OVER BRIDGES / ROAD UNDER BRIDGES / LIMITED USE SUBWAY

❖ Railway Works Programme (RWP)

The construction of ROB/RUBs in lieu of level crossings are taken-up under Railway Works Programme on cost sharing basis (50:50) with Railway department. ROB/RUBs are provided at the locations of road-rail level crossings where the passage of road vehicles is hampered due to increased frequency of train movements. The construction of ROB/RUB in lieu of existing level crossings are taken-up on priority basis when Train Vehicle Units (TVUs) exceeds one lakh per day.

In the last three years, 22 Nos. of ROB/ RUBs at a cost of Rs.833.17 Cr. have been completed and opened for Public use. 49 Nos. of ROB/RUBs at a cost of Rs.2232.75 Cr. are in progress.

In the financial year 2024-25, 5 Nos. of ROB at a cost of Rs.199.72 Cr. have been completed

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and the work of construction of ROB in lieu of LC 41 between Sivadi and Dharmapuri Railway stations has been taken-up at a cost of Rs.37.84 Cr. and work will be commenced at the earliest.

❖ **State Funded work**

The work of construction of ROB at Railway km 445/19-21 near Chikkanna College has been taken-up at a cost of Rs.42.76 Cr. in lieu of Arch bridge no. 29 under Tiruppur Road Infrastructure and Ring Roads scheme and work is in progress. Since, there is no level crossing at said location, the above work is taken as deposit work under State fund.

❖ **Central Road and Infrastructure Fund(CRIF)- Setu Bandhan**

Construction of Railway Over Bridge (ROB) at Needamangalam in Tiruvarur district in lieu of LC No.20 and 1 was held-up for many years. Due to continuous efforts taken by the Highway

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Department, the work has been commenced at a cost of Rs.170 Cr. and is in progress.

3.4 MAINTENANCE WORKS

Through continued maintenance activities, lifespan of roads got increased, which leads to reduction in repair/reconstruction costs.

Maintenance activities involve;

- Renewal/Special repairs to roads/bridges.
- Rectification of potholes in the road.
- Shoulders to the required specification.
- Clearance of vegetation / debris in channels & culverts and desilting of drains.
- Maintenance of kerbs, center medians and crash barriers.
- Prevention and removal of encroachments.

In the last three years, maintenance and renewal of 9305 km roads have been completed at an expenditure of Rs.1777 Cr.

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In the financial year 2024-25, maintenance and renewal of 3290 km roads have been completed at an expenditure of Rs.500 Cr.

3.5 GOVERNMENT OF INDIA (GOI) FUNDED SCHEMES

3.5.1 Annual Plan (For National Highways)

Upgradation / improvements of National Highways are carried out every year under 'Annual plan' funded by Ministry of Road Transport and Highways (MORT&H), Government of India.

In the last three years, 651.57 km road works and 15 bridge works at a cost of Rs.3722.76 Cr. have been taken-up. Of which, 469.45 km road works and 7 bridge works at a cost of Rs.1431.48 Cr. have been completed and remaining works are in progress.

In the financial year 2024-25, 210.30 km road works at a cost of Rs.563.25 Cr. have been taken-up. Of which, 55.10 km road works are in progress and remaining works will be commenced at the earliest.

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3.5.2 SETU BHARATHAM SCHEME

Conversion of level crossings at NHs into ROB/RUBs are sanctioned under "SETU BHARATHAM" scheme.

6 ROBs are in progress at a cost of Rs.412.11 Cr. under this scheme.

3.5.3 Performance Based Maintenance Contract (PBMC)

In the year 2023-24, road work for a length of 31.80 km at a cost of Rs.53.77 Cr. is taken-up and is in progress.

In the year 2024-25, road works for a length of 42.10 km at a cost of Rs.60.74 Cr. will be commenced at the earliest.

3.5.4 Centrally Sponsored Schemes

- **Central Road and Infrastructure Fund (CRIF) (For State Roads)**

Widening / Strengthening of roads, Construction/ Reconstruction of bridges in State Highways, Major District Roads and Other District

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Roads are taken-up under Central Road and Infrastructure Scheme with the funds provided by MoRT&H, GOI.

In the last three years, 25.41 km road works at a cost of Rs.131.58 Cr. have been taken-up. Of which, 17.80 km road works at a cost of Rs.75.05 Cr. have been completed and remaining works are in progress.

In the financial year 2024-2025, 66.06 km road works at a cost of Rs.182.11 Cr. have been taken-up and the works will be commenced at the earliest.

3.6 DEPOSIT WORKS

A few works as deposit works, which are funded by other department / agencies have been taken-up by the Construction and Maintenance wing and National Highways wing.

In the last three years, 134.20 km road works and 2 bridge works at a cost of Rs.841.45 Cr. have been taken-up. Of which, 95 km road works and 2 bridge works have been

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completed at a cost of Rs.706.01 Cr. and the remaining works are in progress.

In this financial year 2024-25, 0.6 km road work at a cost of Rs.1.32 Cr. have been taken-up and work is in progress.

3.7 STRUCTURAL DESIGN OF BRIDGES

A special wing is functioning in the Highways Department for investigation and design of bridges. All bridges costing more than Rs.2 Cr. are being designed and approved by this wing.

In the last three years, design of 300 bridge works have been completed.

In the financial year 2024-25, design of 46 bridge works have been completed.

Generally, delay occurs while preparing the design and drawing for each bridge. In order to avoid this, "A Comprehensive Standardized design for the bridge super structure" in 16 category and relevant drawings in the booklet form for easy

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adoption was prepared and published by Hon'ble Chief Minister of Tamil Nadu on 26.07.2024.

This booklet has been issued to all the executing Superintending Engineers. It is uploaded in the website of the department. Hence, the delay is avoided.

3.8 IT APPLICATIONS

- **Project Monitoring and Information System (PMIS)**

Highways Department is taking up road infrastructure projects every year that involve huge capital expenditure. The execution wings carry out pre-construction, procurement and construction activities.

In order to deliver the project in timely manner, to monitor the activities at various stages and to manage the projects effectively, Highways Department has established a web-based and mobile compatible "Project Monitoring and Information System" (PMIS). Through PMIS, progress of work at various stages can be

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monitored periodically to expedite timely completion of work to ensure socio-economic benefits of the projects.

Through this web enabled application, the officers implementing the projects at Division/Sub-Division/Section level are uploading & updating the details regularly and the progress of the works are being reviewed.

❖ **Namma Salai**

To achieve the goal of patch free roads with the participation of public, Highways Department has implemented the **"Namma Salai"** application and its Mobile App to achieve the vision of the Hon'ble Chief Minister of Tamil Nadu for creating accident-free State.

Highways Department has established a new public participatory reporting mechanism to ensure patch free maintenance of roads in order to reduce the hardship faced by the commuters. This mobile enabled Web-based Monitoring tool is for public to report Potholes and other road issues

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in all State Highways, Major District Roads and Other District Roads of Highways Department. The potholes and other road issues, reported through 'Namma Salai' are rectified within 24 hours on State Highways and within 72 hours in Major District Roads and Other District Roads.

The public utilizes the "Namma Salai" application to report pothole issues. The Highways Department rectifies the reported issue and then collects feedback from the user who made the issue. So far, 4390 complaints have been resolved to the satisfaction of the public within the time prescribed. Now, action is being taken to extend this application to the roads under the control of Rural Development & Panchayat Raj Department and Housing & Urban Development Department.

❖ e-Contractor Registration

The offline mode of contractor registration has been replaced by “e-Contractor Registration” portal developed by the Finance Department, Government of Tamil Nadu and the facility is

available in e-sevai services of Tamil Nadu e-Governance Agency (TNeGA).

All the Contractor Registration / Renewal / Upgradation in Highways Department is being carried out through this "e-Contractor Registration" portal from 01.07.2024 onwards.

❖ **e-procurement**

All the tenders floated by this department are procured only through electronic mode (e-tenders) in the Portal www.tntenders.gov.in of Finance Department.

The Highways Department has been using Road Maintenance and Management System (RMMS) web application to efficiently manage the entire road network of the State.

The following websites are being maintained by this Department.

- https://www.tnhighways.tn.gov.in
- https://www.tnrsp.tn.gov.in
- https://www.ckicp.tn.gov.in

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4. EXTERNALLY AIDED PROJECTS

4.1 TAMIL NADU ROAD SECTOR PROJECT - II

Tamil Nadu Road Sector Project -II, an Externally Aided Project, is being executed at an estimated cost of Rs.6567.28 Cr. with World Bank loan assistance of Rs.2123 Cr. (USD 300 Million) to upgrade and maintain the core roads.

As part of this Project, 535.346 km of roads have been taken-up for upgradation under EPC mode of contract. Of which, 436.981 km of roads have been widened to Two-lane with paved shoulders, 96.545 km widened to Four-lane and in the balance 1.82 km, ROB Work (2 Nos.) is in progress in two roads.

4.1.1 Preparation of Detailed Project Reports (DPR):

Tamil Nadu Infrastructure Development Board (TNIDB) allotted an amount of Rs.132.76 Cr. for the preparation of Detailed Project Report for 'Shelf of Projects' for 3319 km of roads. Out of this, 719 km of roads have been

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taken-up for 'Preparation of DPR' by consultants and is in Progress.

4.2 CHENNAI KANYAKUMARI INDUSTRIAL CORRIDOR PROJECT

This project is taken-up with financial support of USD 484 million from the Asian Development Bank (ADB) under Tamil Nadu Industrial Connectivity Project through Engineering, Procurement and Construction (EPC) Mode. 80% of construction cost is funded by ADB, the remaining 20% of construction cost, Land Acquisition Rehabilitation and Resettlement are funded by the State Government.

4.2.1 Project Features

Out of 589 km, 72.43 km of roads are being upgraded from two-lane to four-lane with paved shoulders and the remaining 516.57 km of roads are being upgraded from two-lane to two-lane with paved shoulders. The total cost of the project including land acquisition is Rs.7847.49 Cr.

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The project includes construction of 22 Bypasses, 16 Major Bridges, 9 ROBs, 1 RUB, 2 Grade Separators, 1 Pedestrian Under Pass, 1 Limited Use Subway, 2 VUPs, 122 Minor Bridges and 1367 Culverts. To enhance road safety, adequate signages, gantry boards, streetlights and other road furniture are being installed.

As a part of surveillance mechanism, incident monitoring cameras are also being installed at accident-prone spots and major junctions. Bus shelters with toilet facilities have been provided to facilitate commuters.

4.2.2 Progress of Works

Out of 16 state highway projects covering a total length of 589 km, work on 556 km has been completed and the road works in the remaining length are in progress. Out of the 16 State Highway Corridors taken-up, 6 Corridors are fully completed.

In these, the Cheyyur – Vandavasi – Polur road including Cheyyur - Panaiyur link road for a length of 109 km was opened to public usage on

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20.02.2025 by the Hon'ble Chief Minister of Tamil Nadu.

4.3 CHENNAI PERIPHERAL RING ROAD (CPRR)

To address the rapidly increasing traffic demand in Chennai and enhance connectivity for vehicles from the southern parts of Tamil Nadu to Ennore and Kattupalli Ports as well as to neighboring States thereby enhancing both industrial and commercial growth around Chennai city, the Chennai Peripheral Ring Road (CPRR) project is being implemented. Spanning 133.64 km, the CPRR is designed as an access-controlled six-lane carriageway with two-lane service roads on either side, integrated with an Intelligent Transport System (ITS). The project is being executed at a total cost of Rs.16501.96 Cr. The CPRR has been divided into five sections and executed with external funding assistance.

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The Hon'ble Deputy Chief Minister inaugurated the "U" Shaped Flyover at TIDEL Park Junction on Rajiv Gandhi Salai (O.M.R.), Chennai on 25.02.2025

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Hon'ble Minister for Youth Welfare and Sports Development Department inspected the Chennai Peripheral Ring Road works on 05.08.2024 in Tiruvallur District

4.3.1 Section I of CPRR

This section extends from Ennore Port to Thatchur and includes a link road to the Chennai Outer Ring Road, spanning 25.4 km at a cost of Rs.3339 Cr. & external funding of 40074 million Japanese Yen (Rs.2473.70 Cr.) through Japan International Cooperation Agency (JICA) is being implemented by the Tamil Nadu Road Development Company (TNRDC).

4.3.2 Section II & III of CPRR

Section II covers 26.10 km from Thatchur to the start of the Tiruvallur Bypass, while section III spans 30.10 km from the Tiruvallur Bypass to Sriperumbudur, together totaling 56.20 km. These sections are being implemented by the Tamil Nadu Road Infrastructure Development Corporation (TNRIDC) at a cost of Rs.4899 Cr. External funding assistance includes $ 378 million USD (Rs.3014.92 Cr.) from the Asian Infrastructure Investment Bank (AIIB) and $100 million USD (Rs.797.6 Cr.) from the OPEC Fund for International Development.

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4.3.3 Section IV of CPRR

Section IV covers 23.80 km from Sriperumbudur to Singaperumal Koil. This section has already been constructed with State funds. Preparation of Detailed Project Report (DPR) through TNRIDC for upgrading this section to CPRR Standards.

4.3.4 Section V of CPRR

This section covers 28.24 km from Singaperumal Koil to NH 332A at Poonjeri Junction near Mamallapuram and the land acquisition work is in progress. External funding of 49847 million Japanese Yen (Rs.2784 Cr.) has been secured through agreement with JICA. Estimate is under preparation for civil works.

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5. ROAD SAFETY

Road safety is to ensure safe travel for the road users. Road accidents result in heavy loss of human lives, movable properties and also additional financial burden to the Government due to the release of compensation to accident victims. Accidents result in loss of State's productivity by various forms of disabilities.

The main causes of road accidents are,

- Over speeding.
- Violation of traffic rules.
- Fatigue due to driving long-distance travel.
- Using mobile phone while driving.
- Road Environmental conditions.

5.1 INITIATIVES OF GOVERNMENT

5.1.1 The State Road Safety Council'(SRSC)

The State Road Safety Council (SRSC) constituted on 04.07.2007 under the chairmanship of Hon'ble Transport Minister of

Tamil Nadu. The objective of this council is to improve road safety aspects in the State.

SRSC is the high-level body to advise the Government on all policies and programmes relating to road safety.

5.1.2 Innuryir Kappom Thittam

With a focus to reduce loss of lives in road crashes, the Hon'ble Chief Minister of Tamil Nadu announced Fatality Accident Incident Reduction (FAIR - Seeraana Salaigal) Scheme, under "Innuryir Kappom Thittam" (IKT) during the road safety meeting held on 18.11.2021.

5.1.3 Special Task Force- Road safety

To implement FAIR Scheme, a Special Task Force on Road Safety (STF-RS) was constituted on 15.03.2022 under the Chairmanship of the Additional Director General of Police, State Crime Records Bureau, in which, the Chief Engineer, (Construction and Maintenance) is one of the member. The STF is mandated to identify short-term and long–term solutions to reduce fatalities and injuries in road accidents and makes

recommendations and monitors the implementations.

5.1.4 'Guide for Road Safety Awareness'

The Hon'ble Chief Minister of Tamil Nadu released a 'Guide for Road Safety Awareness' on 22.08.2022 as a part of creating awareness on road safety.

5.1.5 District-Level Road Safety Review Meeting:

The Hon'ble Chief Minister of Tamil Nadu has advised to conduct district-wise review meetings to emphasize road safety and create awareness. The Hon'ble Minister for Public Works, Highways and Minor Ports Department is conducting road safety review meetings at District level to sensitize all stakeholders. So far, meetings have been conducted in 22 districts viz., Namakkal, Chengalpattu, the Nilgiris, Theni, Madurai, Thoothukudi, Sivagangai, Ramanathapuram, Erode, Coimbatore, Virudhunagar, Karur, Tiruppur, Thiruvarur, Nagapattinam, Tenkasi, Tirunelveli, Kanyakumari,

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Cuddalore, Dindigul, Trichy and Mayiladuthurai. In these meetings, representatives of vehicle-owners associations, correspondent of educational institutions, college principals, instructors of driving schools, mini bus and auto drivers and representatives of NGOs have actively participated.

5.2 ROLE OF HIGHWAYS DEPARTMENT IN ROAD SAFETY

Highways Department plays a major role in proactively preventing road accidents by ensuring well-designed, properly maintained roads that minimize accidents and promote safe driving behaviours.

Road Safety Audit

Road Safety Audit is done in all State Highways roads to identify the accident-prone locations and the causes of accidents. Based on the audit, suitable road safety measures are suggested to prevent further occurrence of road accidents.

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Road Furniture

Advanced warning and cautionary signs are provided at all the vulnerable locations and junctions to prevent accidents. Crash barriers are also installed in high embankment roads to provide safety to the road users. Roller crash barriers are also installed in the hilly terrain and in sharp curves/ bends.

Road safety works

In the last three years, 1652 Nos. of road safety works at a cost of Rs.674.68 Cr. have been taken-up. Of which, 1648 Nos. of road safety works at a cost of Rs.661.52 Cr. have been completed and the remaining works are in progress.

In the financial year 2024 – 25, 300 Nos. of road safety works at a cost of Rs.207.47 Cr. have been taken-up and works are in progress.

Junction Improvements

Since junctions are the frequent accident-prone zones, junction improvement works are taken-up to improve the junctions as per IRC standards.

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In the last three years, 171 works at a cost of Rs.210.26 Cr. have been completed under the Road Safety scheme.

In the financial year 2024-25, improvement works are in progress at 137 junctions at a cost of Rs.162.12 Cr.

Accident Black spot rectifications

Frequently accident occurring spots are identified and causes are analysed. Ministry of Road Transport and Highways, Government of India had identified 1208 accident blackspot locations in Tamil Nadu based on the data collected during the years 2015-18. Subsequently, 273 accident blackspot locations on NHAI and NH roads were also identified. Short-term measures such as providing speed breakers, pedestrian crossings, transverse bar marking, etc. have been completed for all the Blackspots. So far, long-term measures have been completed for 865 accident blackspots, and long term measures on the remaining accident black spots are in progress.

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Hotspots Rectification

Short term and long term remedial works have been completed in 3980 locations identified by the Special Task Force - Road Safety in Field Survey-1. Restoration works are in progress at 2185 identified locations in Field Survey-2.

Road Safety Training

Road safety training is important because it helps Engineers to design safer roads and reduce the risk of accidents. So far, 590 Engineers of the department in 16 batches have been trained on road safety guidelines. Key elements in road safety engineering with practical sessions at site were explained to the trainees.

Road Safety Awareness Programmes:

The Engineers of Road Safety Wing and Construction and Maintenance Wing regularly conduct awareness programmes at schools, colleges and public places to create awareness on road safety. Officials from the Police Department, Transport Department and Public representatives also join in creating awareness. 259 awareness

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programs have been conducted in the year 2024-25.

By the sincere and relentless efforts of the Government of Tamil Nadu, the rate of increase in accidents are reducing considerably. It is observed that the number of fatalities in the year 2024 is less by 1.48% when compared to the year 2023.

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6. RESEARCH, TESTING, QUALITY CONTROL AND TRAINING

6.1 RESEARCH

Highway Research Station is renowned prestigious institution, established in 1957. It has been continuously involved in Research activities in the field of Highway Engineering. Enhancing pavement durability, to meet the traffic demands and innovative cost-effective technologies are the prime focus of the research works.

Further, to upgrade the Highways Research Station to international standards, it has been decided to depute the Director, Highways Research Station and Engineers headed by Project Director, Chennai Kanyakumari Industrial Corridor Project, to world renowned research institutes in Australia during June 2025 for Knowledge enhancement.

The on-going research works by Highways Research Station (HRS) are;

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- Study on stabilization of clay Soil using geopolymers.
- Evaluating the influence of adding additives in Dense Graded Bituminous Macadam.
- Study on improvement of Signalized At-grade T-Intersection.
- Study on the mix proportioning for Self-Compacting Concrete and its performance.

6.2 TESTING

Tests for assessing suitability and quality of materials for construction i.e., Bitumen, Soil, Aggregates, Concrete are conducted by the 4 laboratories in Chennai and 8 regional laboratories. The tests include soil, steel, concrete mix design, paver blocks, pile load, Bituminous Job-Mix Formula, Benkelman Beam Deflection test, etc., are being conducted in the above laboratories and technical opinions for the proposals of Junction improvements are provided by Traffic Laboratory.

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In the financial year 2024-25, 17925 tests have been conducted at laboratories, earning a total revenue of Rs.16.88 Cr.

6.3 TECHNICAL GUIDANCE

1. Remedial measures were suggested by inspecting the Grade Separator at Oragadam Junction of Vandalur – Wallajabad Road, maintained by TNRIDC on 23.08.2024.

2. Remedial measures suggested to Thillai Ganga Nagar subway at Chennai.

3. Technical opinion to increase the bearing capacity of subgrade soil is provided for the construction of Macro Drain in OMR-ECR link road.

6.4 QUALITY CONTROL

The quality of execution of roads and bridges is ensured by conducting relevant tests at every stage. Accordingly, quality control laboratories have been established at division levels.

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6.5 TRAINING

6.5.1 Training Centre

As training activities are quintessence for the development of a department, training programmes are being imparted to in-service Engineers and Administrative Staffs of this department in Training Centre, HRS to enhance their efficiency. In the financial year 2024-25, under Comprehensive Training Programme (CTP), 1381 Engineers and 159 Administrative Staffs have been trained.

6.5.2 Technical Lectures

Technical lectures are being organised in Highways Research Station for better exposure to innovative ideas and advanced technologies used in the field of Highway Engineering. Some of the lectures organised are,

1. Construction and Demolition (C&D) waste recycling to Reusable Aggregates.

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2. Role of construction chemicals in bridge construction. Concentrated Powder Bi-Polar traversing type corrosion inhibitor.

3. Intelligent system to survey roads in fast and efficient way using Artificial Intelligence (AI).

4. Admixtures and their integration with advanced technologies currently being utilized in the industry.

6.6 INDIAN ROADS CONGRESS

The Director, Highways Research Station is a council member of Indian Roads Congress and also a member of Accreditation of New Materials & Techniques Committee and Human Resource Development Committee (G–2). So far, technical remarks have been offered in 15 Accreditation Committee meetings and six G-2 Committee meetings. Normally, the outcome of the In-house research works is presented during every IRC Annual session. The Engineers from Highways Research Station presented the following

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3 technical papers in the 83rd Annual Session of IRC held at Raipur, Chhattisgarh during November 2024.

1. Performance Study of Cement Grouted Bituminous Mixes (CGBM) using Ground Granulated Blast Furnace Slag (GGBS).
2. Ultrasonic Characterization of Subgrade Soil - A Non - Destructive approach for Geotechnical evaluation.
3. Stabilization of clay soil – A Nano Technology Approach

6.7 BUREAU OF INDIAN STANDARDS

The Joint Director, Highways Research Station is a Principal member and Deputy Director – I, Highways Research Station is an alternate member in the PCD-06 (Petroleum Coal and Related product Division - Bitumen, Tar and Related Products Sectional Committee) of Bureau of Indian Standards (BIS), offering comments and suggestions while formulating the standards for Bitumen and related products.

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80 A



Ukkadam-Athupalam junction flyover in Coimbatore District inaugurated by the Hon'ble Chief Minister on 09.08.2024

80 B



The Hon'ble Minister, Public Works, Highways and Minor Ports Department inspected the Railway Over Bridge works at Akkaraipet on 02.03.2025 in Nagapattinam District

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7. TAMIL NADU ROAD DEVELOPMENT COMPANY LTD

Tamil Nadu Road Development Company (TNRDC) is a joint venture between Tamil Nadu Industrial Development Corporation (TIDCO) and TIDEL Park Ltd. with 50:50 shareholding and registered under companies Act, started in the year 1998. TNRDC is also engaged as a Managing Associate for various projects and services.

7.1 INFORMATION TECHNOLOGY EXPRESSWAY LTD. (ITEL)

IT Expressway Ltd. is a subsidiary of TNRDC, ITEL maintains Rajiv Gandhi Salai (I.T. Expressway) from Madhya Kailash to Siruseri. This road, running through the I.T. Hub of Chennai city, is a divided six lane carriageway with service road on both sides.

7.2 PROJECTS EXECUTED

1. The stretch from Akkarai to Mamallapuram of ECR is under the maintenance of TNRDC.

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2. Chennai Outer Ring Road (CORR), a Green-field project, which starts from Vandalur on NH 32 and ends at Tiruvottiyur–Ponneri-Panchetti road, Minjur. TNRDC is 'Management Associate' for this project and was executed at a cost of Rs.2156.40 Cr. in two phases on Design, Build, Finance, Operate and Transfer (DBFOT) semi Annuity basis under Public-Private Partnership (PPP) mode.

3. To de-congest the traffic and enable smooth flow of traffic along Rajiv Gandhi Salai (IT Corridor), a U-Shaped Flyover at TIDEL Park Junction and Foot Over Bridge across Thiruvanmiyur West Avenue Road at a cost of Rs.38.80 Cr. was inaugurated by the Hon'ble Deputy Chief Minister of Tamil Nadu on 25.02.2025.

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7.3 WORKS IN PROGRESS

1. Bypasses to Kelambakkam and Tiruporur

Bypasses with six-lane configuration at Tiruporur (7.45 km) and Kelambakkam (4.675 km) have been taken-up at a cost of Rs.314.73 Cr. Tiruporur bypass work has been completed. Kelambakkam bypass work is nearing completion.

2. Chennai Peripheral Ring Road (CPRR)

TNRDC is executing CPRR Section – I from Ennore port to Thatchur and Section – V from Singaperumal kovil to Poonjeri as a Managing Associate.

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8. TAMIL NADU ROAD INFRASTRUCTURE DEVELOPMENT CORPORATION

Formed in the year 2005, Tamil Nadu Road Infrastructure Development Corporation (TNRIDC), solely owned by the Government of Tamil Nadu, is involved in executing road infrastructure projects.

8.1 PROJECTS BEING IMPLEMENTED

8.1.1 Oragadam Industrial Corridor Project

1. Widening to six lane in Vandalur to Wallajabad road and Singaperumalkoil to Sriperumpudur road were completed.
2. Construction of Grade Separator at Padapai in Vandalur - Wallajabad road at a cost of Rs.25.52 Cr. is nearing completion.

8.1.2 Madurai Ring Road

Four laning of Madurai Ring Road has been completed and the road has been opened for traffic. Due to expansion of Madurai Airport, it is proposed to form a diversion road to Madurai Ring

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Road, for a length of 8 km and land acquisition work at a cost of Rs.40.50 Cr. is in progress.

8.1.3 Chennai Peripheral Ring Road

TNRIDC is the Managing Associate for Sections II, III & IV of Chennai Peripheral Ring Road Project.

8.1.4 Construction of ROB in lieu of LC - 47 in between Guduvancherry and Singaperumal koil Railway Stations.

The above work is taken-up at a cost of Rs.138.27 Cr. and it will provide connectivity between Section IV & Section V of CPRR. Chengalpattu- Chennai arm of ROB has been inaugurated by the Hon'ble Minister for Public Works, Highways and Minor Ports Department on 19.02.2025 and the remaining work is in progress.

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9. TAMIL NADU STATE HIGHWAYS AUTHORITY (TANSHA)

The Government of Tamil Nadu, through the enactment of the Tamil Nadu State Highways Authority Act 12/2024, has established the Tamil Nadu State Highways Authority in the year 2024 to enhance the development, maintenance and management of highways efficiently with private participation.

9.1 COMPOSITION OF THE AUTHORITY

The Tamil Nadu State Highways Authority comprises the following members:

- **Full-time Members**:
  - Chairperson
  - Member (Administration)
  - Member (Finance)
  - Member (Technical)

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- **Part-time Members**:
    - Secretary, Highways & Minor Ports Department
    - Principal Secretary, Finance Department
    - Secretary, Industries, Investment Promotion and Commerce Department

9.1.1 FUNCTIONS AND RESPONSIBILITIES

The Authority is entrusted with the execution of key infrastructure projects, including:

- Public-Private Partnership (PPP) initiatives in highway development
- Four lane roads and Expressway construction
- Connectivity enhancement to ports, airports and industrial hubs

This endeavour aligns with the Hon'ble Tamil Nadu Chief Minister's vision of achieving $1 trillion economy for Tamil Nadu.

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10. TAMIL NADU MARITIME BOARD

Tamil Nadu Maritime Board (TNMB) was established under the Tamil Nadu Maritime Board Act, 1995 (Act 4 of 1996) on 18.03.1997 for the purpose of administration, management and control of State Ports. The main objectives and functions of TNMB are detailed below

- To encourage competition and transparency in ports development.
- To encourage participation of private sector.
- To enable commercial viability of port projects.
- To offer easy access for the maritime sector development in Tamil Nadu, streamline clearances and encourage ease of doing business.
- To facilitate integrated development of Port facilities for Port-based industries promotion.

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10.1 COASTLINE AND PORTS

Tamil Nadu has the second longest coastline of 1076 km with Bay of Bengal and Arabian Sea on the east and western sides, respectively. The coastline also boasts of three Major Ports operated by Government of India namely;

1. Chennai Port
2. Kamarajar Port (Ennore)
3. V.O.Chidambaranar Port (Thoothukudi)

10.2 STATE PORTS IN TAMIL NADU

The following are the declared / notified State ports (Minor Ports) under the control of the Government of Tamil Nadu;

Government Ports	Captive Ports
1. Cuddalore	1. Kattupalli
2. Nagapattinam	2. Ennore Minor port
3. Pamban	3. Panaiyur
4. Rameswaram	4. Thiruchopuram
5. Kanyakumari	5. Silambimangalam
6. Colachel	6. Parangipettai
	7. PY-03 Oil Field

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Government Ports	Captive Ports
	8. Thirukkadaiyur 9. Thirukkuvalai 10. Udangudi 11. Koodankulam

10.3 TAMIL NADU STATE PORTS DEVELOPMENT POLICY, 2023

Minor Ports along the coast of Tamil Nadu were developed as per the Minor Ports Development Policy of the Government of Tamil Nadu, which was issued in the year 2007. In the last 2 decades, various innovative methods of port development have evolved in other coastal States.

On 15.11.2023, the updated State Ports Development Policy by incorporating the best practices was notified by the Government as "Tamil Nadu State Ports Development Policy, 2023". The new policy incorporates flexible approach to Public-Private Partnership (PPP) Projects, easier access for port development and recognizes the potential of adventurous water

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sports, coastal shipping, skill development and sustainable port development.

10.4 ACTIVITIES OF OPERATIONAL MINOR PORTS

10.4.1 Government Ports

S. No	Port	Activity
1.	Cuddalore Port	Developed as an open sea anchorage port with TNMB and GoI's Sagarmala scheme funding and operationalization of the Port under PPP mode is in progress.
2.	Nagapattinam Port	i) An open sea anchorage port to handle the edible oil import. ii) International Passenger Ferry Service from Nagapattinam, India to Kankesanthurai, Sri Lanka, has been commenced on 14.10.2023 and operated successfully.
3.	Pamban Port	East-West sea-borne connectivity for smaller vessels / crafts provided with pilotage services in Pamban channel.
4.	Rameswaram Port	i) A short trip domestic passenger ferry is operated near Agnitheertham area. ii)DPR for creation of Port and

S. No	Port	Activity
		Passenger terminal infrastructures at Rameswaram for passenger ferry service between Rameswaram (India) and Thalaimannar (Srilanka), is being prepared by IIT-M.
5.	Kanyakumari Port	Ferry services to Vivekananda Rock Memorial and Ayyan Thiruvalluvar Statue, operated by PSCL is provided at this Passenger ferry port.

10.4.2 Captive Ports / Terminals

Sl. No	Port	Activity
1.	Kattupalli Port	Ship building, repairs and modular fabrication works carried-out by Larsen & Toubro Limited. Export / Import of container and other cargoes handled by Marine Infrastructure Developer Private Limited.
2.	Ennore Minor Port	Imports Liquid Ammonia through Multiple Buoy Mooring system.
3.	Chemplast Marine	Import of Vinyl Chloride Monomer through an Island

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Sl. No	Port	Activity
	Terminal within Cuddalore Port limit	Jetty facility.
4.	Thirukkadaiyur Port	Import of Naphtha through Single Point Mooring for 330 MW Power Plant of TANGEDCO.
5.	Kudankulam Port	Import of machinery/ over dimensional cargo through Roll on – Roll off Jetty for Kudankulam Nuclear Power Project Units 3, 4, 5 & 6.

The other declared State Ports are under various stages of obtaining statutory clearances and development.

10.5 DEVELOPMENT INITIATIVES OF THE BOARD

10.5.1 Development of Cuddalore port

Cuddalore Port is provided with infrastructure such as extended breakwaters, ship berths, dredged channel etc. Tendering is under process for selection of the operator under Public-Private Partnership (PPP) mode for operating and further developing this port.

10.5.2 Kanyakumari Port:

M/s. Poompuhar Shipping Corporation Limited (PSCL) is operating ferry service between shore and Vivekananda Rock Memorial / Ayyan Thiruvalluvar Statue. Tamil Nadu Maritime Board is supervising the ferry service.

10.5.2.1 *Extension of Jetty at Vivekananda Rock Memorial at Kanyakumari*

With a view to increase capacity to handle tourists, the extension of Jetty at Vivekananda Rock Memorial by 100 metres for berthing 3 ferries simultaneously is being executed by the Public Works Department (PWD), with funding by the Government of India of Rs.10 Cr and the work is at advanced stage of completion.

10.5.2.2 *Pedestrian Marine Glass Bridge connecting Vivekananda Rock Memorial and Ayyan Thiruvalluvar Statue Rock*

In 2016, the Government approved the Construction of a Pedestrian Marine Bridge connecting the Vivekananda Rock Memorial and the Thiruvalluvar Statue. The work was held-up

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due to various reasons. Under the guidance of the Hon'ble Chief Minister of Tamil Nadu and the continuous efforts of the Hon'ble Minister for Public Works, Highways and Minor Ports, the iconic modern Pedestrian Marine Glass Bridge of 72 meters in length and 10 meters in width, connecting the Vivekananda Rock Memorial and the Thiruvalluvar Statue, planned and works was commenced on 15.02.2023 at an estimated cost of Rs.37 Cr. The Marine Glass Bridge was executed through Highways Department with 50% financial assistance from the Government of India under the Sagarmala scheme. To the astonishment of world tourists, this Marine-Glass Bridge was inaugurated for the tourist by the Hon'ble Chief Minister of Tamil Nadu on 30.12.2024 during the Silver Jubilee celebrations of the Ayyan Thiruvalluvar Statue.

10.5.3 Udangudi Port:

An open sea trestle jetty (length - 8 km) is being constructed by Tamil Nadu Generation and Distribution Corporation (TANGEDCO) to receive coal for their 1320 MW Udangudi Super Critical Thermal Power Project. The work is expected to be completed by May 2025.

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10.5.4 Floating Jetties at Various Locations:

TNMB is in the process of constructing floating jetties at Rameswaram. Based on the DPR by Indian Institute of Technology (IIT) Chennai and with 100% financial assistance from Government of India under the Sagarmala scheme, the works have been taken-up.

10.6 TAMIL NADU MARITIME ACADEMY

Maritime Academy at Thoothukudi is conducting a 6 month pre-sea General Purpose rating residential course. So far, 42 batches consisting of a total of 1680 students, have been benefitted. The Directorate General of Shipping accredited courses as mentioned below are also conducted, which have higher potential of employment in Indian and Foreign flag vessels.

1. Personal Survival Techniques.
2. Elementary First Aid.
3. Personal Safety and Social Responsibility.
4. Oil and Chemical Tanker Cargo Operations.
5. Fire Prevention and Fire Fighting.
6. Security Training for Seafarers.

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The Hon'ble Minister, Public Works, Highways and Minor Ports Department inaugurated and addressed a seminar on contribution of Highways Department to make Tamil Nadu's economy "One Trillion Dollars" on 05.03.2025

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10.7 CARGO HANDLED AND REVENUE OF THE BOARD FOR 2024-2025

For the financial year 2024 -2025 (from April 2024 to December 2024) 87,66,017 MT of cargo was handled through the State Ports and Tamil Nadu Maritime Board earned a gross revenue of about Rs.61 Cr. (approximately)

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11. POOMPUHAR SHIPPING CORPORATION LIMITED

Poompuhar Shipping Corporation Limited (PSCL) is a Government of Tamil Nadu undertaking. It was established under the companies act 1956 on 11.04.1974. The main objective of the PSCL is to transport coal for generation of electricity. This PSC Ltd run boats to ferry passengers/tourists in Kanyakumari.

PSCL is functioning with 9 Directors including Chairman and Managing Director. At present, the Board consists of only one Independent Director and 8 Directors from Government Departments and TANGEDCO.

11.1 ACTIVITIES

11.1.1 TRANSPORTATION OF COAL FOR NTECL

Presently the corporation is transporting the entire domestic coal from the load ports of Paradip/Kakinada and Dhamra to Kamarajar Port, Ennore for NTECL (Tamil Nadu Energy Company Ltd), which is a joint venture of the TANGEDCO

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and NTPC., at Vallur, Chennai, for its 3 thermal power station with 500 MW each.

The quantity of coal moved to Tamil Nadu Energy Company Limited (NTECL) varies depending on the allocation of coal for the generation of electricity. Based on the need and necessity, PSCL chartered 4 vessels for the year 2024-25 for transportation of coal for NTECL.

The physical and financial performance of the corporation for the 3 financial years is given below;

Year	Quantity of Coal received at Load Ports	Quantity of Coal moved	Turn over	Net Operating Profit (PAT)	Dividend Declared
	(in Lakh MT)		(Rs. in Lakh)		
2022-2023	79.36	75.39	42121.52	(-) 2867.33	_
2023-2024	60.16	56.25	34589.51	404.91	121.47
2024-2025*	70.70	66.21	21223.40	200.00	_

* Provisional

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SERVICE CHARGE

The transportation of coal for NTECL is undertaken with service charges of 5% on charter hire charges of the vessels chartered for their operations.

11.1.2 FERRY SERVICE AT KANYAKUMARI

The Corporation ferrying tourists from the Kanyakumari shore to Vivekananda Rock Memorial, the Ayyan Thiruvalluvar Statue and Vattakottai trip. Presently, three ferries namely M.L. Guhan, M.L. Pothigai and M.L. Vivekananda with a seating capacity of 150 each are ferrying the passengers. Two new ferries M.L. Thamirabarani & M.L. Thiruvalluvar are operating for Vattakottai trip since 24.05.2023.

Further during the Silver Jubilee celebration for the Ayyan Thiruvalluvar Statue at Kanyakumari, Hon'ble Chief Minister of Tamil Nadu has announced that three new boats are going to purchase for the Kanyakumari Ferry Service and those three are going to be named as

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- K. Kamarajar,
- Marshal Nesamani,
- G.U. Pope.

Preparation of design and specification for the construction of above 3 ferries are in progress.

PASSENGER TRANSPORTATION

The ferry service has earned a profit of Rs.520.06 lakh during 2023-2024.

The physical and financial performance of Kanyakumari ferry service during the last three financial years are given below;

Year	No. of Tourists (In Lakh)	Gross earnings (Rs. In Lakh)	Profit (Rs. In Lakh)
2022-2023	21.36	1371.02	333.47
2023-2024	21.31	2005.03	520.06
2024-2025*	20.53	2480.28	931.13

* Provisional

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11.2 PLAN FOR 2025-26

The Corporation proposes to transport approximately 70 Lakh Metric Tonne of coal through charted vessels for NTECL during the year 2025–26.

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12. INITIATIVES

The Government of Tamil Nadu extends full co-operation and support towards the implementation of certain major projects by the Government of India. Other initiatives are also undertaken by the department for efficient functioning and timely completion of the projects.

12.1 MAJOR PROJECTS

1. Elevated Corridor from Chennai Port to Maduravoyal – National Highways Authority of India (NHAI)

The work commenced on 23.11.2023 by NHAI. The State Government is insisting Union Government for early completion of project.

2. Upgradation of road from Chengalpattu to Tindivanam from Four lane to Six lane - National Highways Authority of India (NHAI)

DPR for widening to six/eight lane from Chengalpattu to Tindivanam is in progress.

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3. Four laning of Ramanathapuram - Rameswaram - Dhanushkodi section of NH 49 (State NH wing)

The DPR (including LA) from Ramanathapuram to Mandapam (Package-II) has been prepared and sent to Ministry for obtaining approval.

Preparation of DPR from Mandapam - Rameswaram (Package-III) is in progress.

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13. BUDGETARY ALLOCATION

The Highways and Minor Ports Department is working diligently to provide durable, all-weather road infrastructure. Annual budget allocations are made based on the need for the development and maintenance of road infrastructure.

The budgetary allocations for the year 2025-26 are as follows;

Sl. No	SCHEMES/PROJECTS	Budget Estimate 2025-26 (Rs.in Cr)
(A)	**Capital Head**	
1	**National Highways**	
	Revamped Central Road Fund	166.21
	Original Works	0.93
2	**Construction and Maintenance**	
	Comprehensive Road Infrastructure Development Programme	9412.64
	Permanent Flood Restoration works	21.50

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Sl. No	SCHEMES/PROJECTS	Budget Estimate 2025-26 (Rs.in Cr)
	Bypass formation and Land Acquisition	366.17
	Urban Traffic Improvement	363.62
	Other works	13.77
	Tamil Nadu Road Infrastructure Development Corporation	20.52
	Tamil Nadu Road Development Company	672.89
	Chennai Peripheral Ring Road	2910.00
	Chennai Kanyakumari Industrial Corridor Project	633.00
3	**Projects**	
	Comprehensive Road Infrastructure Development Programme	63.02
	HLB/River Bridge/ Bypass works	314.89
	ROB/RUBs/Elevated Corridor	813.22
	Road Works	21.45
4	**Tamil Nadu Road Sector Project-II**	190.02

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Sl. No	SCHEMES/PROJECTS	Budget Estimate 2025-26 (Rs.in Cr)
5	**NABARD & Rural Roads**	
	Upgradation of Panchayat Union Roads /Panchayat roads to ODR Standard	606.13
	High Level Bridges/River Bridges under NABARD Loan Assistance Scheme	279.46
	Bypass Works	93.98
6	**Chennai Metropolitan Development Plan works**	745.56
	Total Scheme works	17708.98
7	**Others**	
	Investigation /Estimation of Project work under Roads and Bridges	5.00
	Revolving Fund for preparation of DPR	20.38
	Inter Account Transfers	463.03
	Capital Head Total	**18197.39**

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Sl. No	SCHEMES/PROJECTS	Budget Estimate 2025-26 (Rs.in Cr)
(B)	**Revenue Head**	**2523.26**
(C)	**Loan**	**1.00**
	Total	**20721.65**

The increasing number of vehicles, rising traffic demand and the expansion of various sectors due to infrastructure development need to be managed through an efficient network by the Highways Department. All the resources of this department are being fully integrated and utilized to achieve balanced socio-economic development of the State.

E.V.Velu
Minister for Public Works,
Highways and Minor Ports
Department.

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