

Construction and Maintenance Wing

This wing of the Highways Department undertakes major infrastructure projects like the strengthening and improvements of roads, construction of bridges, Railway Over Bridges and formation of bypasses. A total length of 57,474Km of Government Roads is under the control of this wing, which functions with eight circles and forty one divisions.

Functions:

- Maintenance of State Highways, Major District Roads, Other District Roads and bridges
- Restoration of roads and bridges affected by natural calamities like monsoons, floods and Tsunami
- Execution of road and bridge works under Comprehensive Road Infrastructure Development Programme
- Formation of bypasses
- Maintenance of ODR - Sugarcane Roads

The schemes undertaken by this wing are as follows

Comprehensive Road Infrastructure Development Programme (CRIDP)

This is the flagship scheme of the Government, in which widening of all intermediate lane State Highways (SH) to double lane; widening of single lane Major District Roads (MDR) progressively to intermediate lane and widening of Other District Roads (ODR) with heavy traffic intensity from single lane to intermediate lane are being taken up. In addition, construction of Bridges and Culverts, formation of Bypasses and protective works such as Drains, Retaining walls and Centre medians are also taken up.

Further under this scheme, improvement of Other District Roads under Special Component Plan of CRIDP are taken up to connect villages with more than 40% of Adi Dravidar population.

Formation of bypasses

Bypasses form part of the transport system that helps in diversion of traffic from entering into congested cities and towns. Bypasses reduce the travelling time of through-traffic. Construction of bypasses assumes top priority in managing the traffic growth in cities.

The Department takes up formation of bypasses in two phases (viz) land acquisition in the first phase and formation of road works in the second phase

Maintenance Works

Proper maintenance of road infrastructure is essential for easy movement of traffic. Timely and proper maintenance of roads reduces construction cost. Proper maintenance of bridges constructed at huge cost enhances the life span.

In addition, maintenance of cross drainage works will facilitate easy draining of flood water during monsoon period and reduces the damage to the riding surface.

Renewal and maintenance of roads and bridges are carried out as per IRC norms under non-plan maintenance fund.

Road Safety Works

In order to prevent accidents, improvement to accident prone areas or black spots has been taken up. Road safety works like widening of narrow culverts, widening / reconstruction of narrow bridges, Junction improvements and construction of centre median are being taken up using the funds provided by the Home Department.

Details of on-going projects

Widening/ Improvements of roads have been taken up under CRIDP 2016-17 as detailed below,

CRIDP-SH

Widening/improvements to 889.52 km length of SH roads, construction of 63 bridges/ culverts and 221 protective works have been taken up at a cost of Rs. 997.51 Crore in the year 2016-17.

CRIDP-MDR

Widening/ improvements to 660.41 km length of MDR roads, construction of 57 bridges/ culverts and 115 protective works have been taken up at a cost of Rs.485.49 Crore.

CRIDP-ODR

Widening/improvements to 2,044.65 km length of ODR roads, construction of 99 bridges/culverts and 129 protective works have been taken up at a cost of Rs.811.88 Crore in the year 2016-17.

CRIDP - Other District Roads – Special Component Plan

Widening/improvements to 570.87 km length of roads, construction of 4 bridges/culverts and 5 protective works have been taken up at a cost of Rs.205.12 Crore.

Formation of Bypasses

In last 5 years 45 bypasses have been proposed for various towns and the status of works being carried out by this wing is as follows:

ABSTRACT

DESCRIPTION	Nos.
Completed	13
In progress	8
LA work in progress	19
DPR work in progress	4
Under Government consideration	1
Total	45

DETAILS

Sl.No.	Name of the bypass	Length in Km	Stage of work
1	Cheyar Bypass	3.00	Completed
2	Vandavasi Bypass	2.20	Completed
3	Thuraiyur Bypass	3.60	Completed
4	Dharapuram phase I	2.60	Completed
5	Dharapuram phase II	1.20	Completed
6	Pattukottai phase I	4.20	Completed

Sl.No.	Name of the bypass	Length in Km	Stage of work
7	Ettukudy Bypass	1.55	Completed
8	Ilayankudi Bypass	2.60	Completed
9	Perambalur phase I	5.25	Completed
10	Perambalur phase II	3.81	Completed
11	Hosur phase I	4.85	Completed
12	Hosur phase II	4.00	Completed
13	Rasipuram phase I part I	6.00	Completed
14	Forming ByPass road Thanjavur Town (Phase I	9.00	Works in Progress
15	Forming ByPass road Thanjavur Town (Phase II, Part II)	5.27	Works in Progress
16	Formation of ByPass to Pattukottai town Phase-II	3.20	Works in Progress
17	Formation of Edapadi ByPass	8.78	Works in Progress
18	Pollachi Eastern Bypass	15.40	Works in Progress
19	Tiruttani Bypass	3.24	Works in Progress
20	Tharamangalam	3.11	Works in Progress
21	Rasipuram Bypass Phase I,Part II	5.04	Works in Progress
22	Periyapalayam Bypass	2.00	LA in progress
23	Uthiramerur Bypass	4.09	LA in progress
24	Walajabad Bypass	5.80	LA in progress
25	Vellore Ring Road Phase I	10.000	LA in progress

Sl.No.	Name of the bypass	Length in Km	Stage of work
26	Formation of bye pass to Manachanallur	2.40	LA in progress
27	Forming Circular and Semi-Circular Ring Road to Pudukkottai Town	22.65	LA in progress
28	Illuppur Bye-Pass	5.4	LA in progress
29	Thiruthuraipoondi	2.46	LA in progress
30	Formation of Bypass to Tiruvarur town.	9.98	LA in progress
31	Formation of Ring Road to Mannargudi town.	23.48	LA in progress
32	Forming Bye pass to Valangaiman Town	5.40	LA in progress
33	Kumbakonam Bypass Phase III	9.42	LA in progress
34	Karur Ring Road Phase II	32.96	LA in progress
35	Mettupalayam Bypass	7.25	LA in progress
36	Western Bypass (Western Ring Road)	32.43	LA in progress
37	Formation of Sivagangai Bypass road	10.60	LA in progress
38	Formation of Bypass road to Parthibanur town	3.60	LA in progress
39	Forming bypass road to Kamuthi Town	6.40	LA in progress
40	Sivakasi Ring road	33.481	LA in progress
41	Tiruvallur Bypass	6.55	DPR Stage
42	Vettavalam bypass.	5.00	DPR Stage

Sl.No.	Name of the bypass	Length in Km	Stage of work
43	Formation of Thuraiyur Bypass road (Phase-II)	3	DPR Stage
44	Dindigul bypass	17.00	DPR Stage
45	Thirukattupalli Bypass Phase III	3.20	Under Government Consideration

Road safety works

A comprehensive proposal to improve the black spots in the Government roads has been prepared at an estimated cost of Rs.1130.00 Crore

The Government has sanctioned Rs. 300 crore for road safety works under road safety fund and Rs. 250 Crores was taken up under Comprehensive road Infrastructure Development Programme from 2014-15 onwards. Thus, road safety works to a tune of Rs. 959.94 Crores were taken up as detailed below.

Sl No	Year	Details of Fund allocation (Rs in Crores)		
		CRIDP	Road Safety Fund under Highways Head	Total
1	2014-15	250.00	200.00	450.00
2	2015-16	206.87	100.00	306.87
3	2016-17	203.07	100.00 (Proposal has been sent to the Government)	203.07
	Total			959.94

As per the guidelines of the Supreme Court of India, a study was made to identify block spots where more than 5 fatal accidents took place last 3 years. Totally 169 black spots have been identified and 73 are to be improved at a cost of Rs. 31.58 Crores under CRIDP 2016-17. The remaining black spots are being studied/improved under other schemes.

The remaining identified works will be taken up in the year 2017-18 on priority basis.

Non – Plan Maintenance Works

An allocation of Rs. 859.27 Crore has been made for maintenance of roads and bridges and renewal of 2862 km length of roads in the year 2016-17.

Part II Scheme

Under this scheme, infrastructure facilities and research studies are undertaken. The State Government allocated funds for construction of buildings and Travellers' Bungalows. Also the Government defrayed funds for purchase of office and laboratory equipments, softwares and for conducting research studies.

Spillover works of 20 buildings were taken up for construction and 19 buildings have been completed at a cost of Rs. 5.78 Crore.

MAJOR WORKS

The Hon'ble Chief Minister has made announcements for implementation of some major works. Of which the following 3 road works, 3 bypass works and 4 flyover works are in progress.

1. Improvements and rebuilding to Periyakulam-Kodaikanal (via) Adukkam road (Km.0/0-35/9) at a cost of Rs.69.50 Crore in Dindigul and Theni districts.
2. In Theni district Rebuilding and widening from single lane to Intemediate lane of Chinnamanur – Iravangalar road via Megamalai (km.0/0 – 35/0) to a tune of Rs.80.67 Crore.
3. Development of 14 km Girivalam Pathai roads in Tiruvannamalai by widening the footpath, lighting and providing rest room facilities under progress for an amount of Rs.65 Crore.
4. Construction of two tier flyover at Five Roads Junction including construction of flyover upto Ramakrishna road junction and four road junction in Salem city at a cost of Rs.320 Crore
5. Construction of combined flyover at Kuranguchavadi and AVR roundana junction for Rs.111.40 Crore in salem city.
6. Construction of flyover in Thiruvagoundanur Junction for Rs.26.77 Crore in salem city.
7. Construction of Flyover at the Junction of Km.32/4 of GST road and Vandalur-Mambakkam-Kelambakkam road at a cost of Rs.60 Crore.
8. Grade Separator in Gandhipuram area at Coimbatore city at a cost of Rs. 194.57 Crore.

The Land acquisitions for the following 5 works are in progress.

1. Flyover along Athupalam and Ukkadam Junction upto Oppanakara Street in Coimbatore City for Rs. 88.61 Crore.
2. Flyover at Goripalayam junction in Madurai city for Rs. 164.28 Crore.
3. Elevated Corridor from Periyar Bus stand to Sethupathi High School, Meenakshi Mission Hospital junction in Madurai City for Rs.38 Crore.
4. Western Ring Road to Coimbatore City for Rs.320 Crore.
5. Widening and ground level improvement of Dindigul-Bangalore Road (NH-209), Pollachi-Palaghat Road (State Highways-78A), Municipal Bus Route Road (Other District Roads) and New Scheme Road (Pollachi Municipal Road) in Pollachi Town for Rs.33.57 Crore.