

FORM - 'A'.
Form for seeking prior approval under section 2 of the proposals
by the State Governments and other authorities

PART-I
(To be filled up by user agency)

1.	<p>Project Details</p> <p>I. The Project is "Peripheral Road connecting Mahabalipuram to Ennore Port (via) Thiruporur, Singaperumalkoil, Sriperumbudur, Thiruvallur, Chengalpattu, Thamaraiakkam, Periyapalayam, Puduvoiyal and Kattupalli"</p> <p>Due to growing volume of traffic in and around the City, there is an immediate need for improvement of infrastructure facilities. Government of Tamil Nadu is in the process of identifying and implementing projects to bridge the huge gap in the demand and supply of infrastructure projects. One of the major projects included in VISION 2023 is Chennai Peripheral Road.</p> <p>Government of Tamil Nadu desired to form Chennai Peripheral Road through Highways Department. Chennai Peripheral Road is conceptualized to provide better connectivity around the city catering future traffic requirements and provide efficient commercial transportation by enhancing port connectivity. The Proposed road will connect four National Highways-NH 45, NH 4, NH 205 and NH 5, and eight State Highways-SH 49(ECR), SH 49A (OMR), SH 49B, SH 48, SH 50, SH 50A and SH 51.</p> <p>The proposed Peripheral road will start at Ennore Port and end at Poonjeri Junction (km 56/800 of ECR) in Mamallapuram. Length of proposed peripheral road will be around 133.381 km which is split into 5 sections.</p> <p><u>Section 1: Northern Port Access Road - Ennore Port to Thatchur on NH-5</u></p> <ul style="list-style-type: none"> ➤ The Section 1 covers, <ul style="list-style-type: none"> ✓ Northern Port Access Road from Ennore Port to km 29/000 of NH-5 near Thatchur - Length 20.90 km ✓ A link road from NPAR to TPP Road - Length 4.21 km ➤ Length of the section is 25.11 km and is totally new formation ➤ Configuration: 4-lane divided carriageway with 2-lane service road on both sides ➤ Proposed RoW: 100m to accommodate future widening and pipe lines from Port to NH-5. ➤ The project road passing through around 14 villages.
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Section 2: Thatchur on NH-5 to Start of Thiruvallur Bypass

- The Section 2 is from km 29/000 of NH-5 near Thatchur to Start of Thiruvallur Bypass at km 50/500 of SH-57 near Othikkadu Village
- Length of the section is 26.40 km and is totally new formation
- Configuration: 6-lane plus paved shoulder carriageway with 2-lane service road on both sides
- Proposed RoW: 60m
- The project road passing through around 16 villages.

Section 3: Start of Thiruvallur Bypass to Sriperumbudur on NH-4

- The Section 3 is from Start of Thiruvallur Bypass to km 42/250 of NH-4 at Sriperumbudur
- Length of the section is 30.600 km in which 21.00 km new formation and 9.60 km improvement of existing SH-57 (km 26/600 to km 27/600 & km 30/300 to km 38/900)
- Configuration: 6-lane plus paved shoulder carriageway with 2-lane service road on both sides
- Proposed RoW: 60m
- Bypasses are proposed for Thiruvallur and Sriperumbudur towns and a realignment is proposed for Thodukkadu built-up area for a length of 2.85 km.
- The Thiruvallur bypass starts at km 50/500 of SH-57, crosses NH-205 at km 51/650 and SH-50 at km 16/900 and ends at km 38/900 of SH-57. Length of this bypass will be around 15.7 km.
- In order to avoid the built-up area of Sriperumbudur town, a new alignment is proposed along the Sriperumbudur tank bund from km 26/600 of SH-57 to km 42/250 of NH-4, for a length of 1.60 km

The project road passing through around 12 villages

The Mannur Reserve Forest (RF) stretch is from Ch. 69+700 to Ch. 69+900 (existing km 31/840 to km 32/040) on left side of the project road (around 200m) and forest land to be diverted is around 0.28 Ha.

Section 4: Sriperumbudur on NH-4 to Singaperumalkoil on NH-45

- The Section 4 is stretch of SH-57 from km 42/250 of NH-4 at Sriperumbudur to km 47/400 of NH-45 at Singaperumalkoil
- Length of the section is 23.800 km and is totally improvement of existing SH-57 (km 0/000 to km 23/800)
- Tamil Nadu Road Infrastructure Development Company Ltd., (TNRIDC) is

	<p>widening this stretch to 6-lane plus paved shoulder carriageway with 2-lane service road on both sides</p> <ul style="list-style-type: none"> ➤ Available RoW: 60m (40m in forest stretches) ➤ Scope in Peripheral Road: Construction of nine VUPs and four LVUPs to improve the road safety, within the available land. <p><u>Section 5: Singaperumalkoil on NH-45 to Mahabalipuram (27.471 km)</u></p> <ul style="list-style-type: none"> ➤ The Section 5 is from km 47/400 of NH-45 at Singaperumalkoil to Poonjeri junction at km 56/800 of ECR near Mahabalipuram ➤ Length of the section is 27.471 km in which 25.471 km new formation and 2.00 km improvement of existing SH-49B (km 11/200 to km 13/200) ➤ Configuration: 4-lane plus paved shoulder carriageway with 2-lane service road on both sides ➤ Proposed RoW: 60m ➤ The project road passing through around 24 villages. <p>The Thirutteri Reserve Forest (RF) stretch is from Ch. 103+700 to Ch. 104+200 on both sides of the project road (around 500 m) and forest land to be diverted is around 2.56 Ha.</p> <p>The Sengundram Reserve Forest (RF) stretch is from Ch. 104+690 to Ch. 105+950 on both sides of the project road (around 1.26 km) and forest land to be diverted is around 7.39 Ha.</p> <p>The Project road is predominantly in new formation. It is proposed to improve around 35.4km length of existing roads i.e. around 2 km of SH- 49B and around 33.4 km of SH-57, as part of the project road.</p> <p>IRC guidelines are followed for formulating and designing the project. Interchanges are proposed for NH crossings - Cloverleaf interchange at NH-5, NH-205 and NH-4, and ROB with Elevated Roundabout at NH-45. Three ROBs proposed for Railway crossings. Major and Minor Bridges, and Cross Drainage Structures are proposed for Waterway crossings. Vehicular Underpasses and Pedestrian Underpasses are proposed at important junctions and built-up sections.</p>
	<p>II. Map showing the required forest land, boundary of adjoining forest on α1:50.000 scale map.</p> <p>Enclosed Separately</p>

	<p>III. Cost of the project:</p> <p>Rs. 11528 Crores for entire length incl. land acquisition cost.</p>
	<p>IV. Justification for locating the project in forest area.</p> <p>At Mannur, the project stretch exists and only attempt is made for its up-gradation considering the demand of the present and predicted traffic.</p> <p>In the balance stretches, the project road is in new formation and the proposed alignment is the feasible one based on technical and socio-economic aspects.</p>
	<p>V. Cost-benefit analysis</p> <p>Enclosed Separately</p>
	<p>VI. Employment likely to be generated.</p> <p>During the construction period around 350 people likely to generate employment out of the project. Further the money will be spent for project development is going to have multiplying effect on the local economy as the benefit will flow from prime stake holders to the secondary and tertiary stake holders.</p>
2.	<p>Purpose-wise break-up of the total land required</p> <p>The land diversion sought for will be primarily to acquire Right of way (RoW) towards up-gradation of the existing highway stretch and formation of new highway.</p> <p>Forest land requirement for widening of existing highway = 0.28 Ha.</p> <p>Forest land requirement for forming new highway = 9.95 Ha.</p> <p style="text-align: right;">Total = 10.23 Ha.</p>
3.	<p>Details of Displacement of people due to the project, if any:</p> <p>No displacement of people within the forest land</p>
	I. Number of Families
	II. Number of Scheduled Castes/Scheduled Tribe Families
	III. Rehabilitation plan
4.	<p>Whether Clearance under Environment (Protection) Act, 1986 required (Yes/No)</p> <p>No</p>

5.	Undertaking to bear the cost of raising and maintenance of compensatory afforestation and/or penal compensatory afforestation as well as cost for protection and regeneration of Safety Zone, etc. as per the scheme prepared by the State Government. Undertaking letter is enclosed.
6.	Details of Certificates/documents enclosed as required under the instructions I. Forest Map in 1:50,000 Scale showing State Highway Stretch II. Alignment Plan III. Cost Benefit analysis IV. Undertaking to Para-5 of the form


Signature

H. RAMESH

(Name in Block Letters)

Divisional Engineer
HIGHWAYS (C & M)
Chengalpattu.

Designation

Address (of User Agency)

Date: 16.02.2017

Place: CHENGALPATTU

State serial No. of proposal _____

(To be filled up by the Nodal Officer with date of receipt)