

## **TAMILNADU HIGHWAYS DEPARTMENT (C&M)**

### **JUSTIFICATION OF THE SCHEME**

**Name of the Scheme:-** Widening from Single Lane to Two Lane and Improvements of Vridhachalam- Kattugudalore Road at km 10/6-11/6 including (MD-815) in Vridhachalam Sub Division, Cuddalore District

**Scheme and Authority:**

Administrative sanction has been accorded for this work for Rs.176.00 Lakhs under "Comprehensive Road Infrastructure Development Programme" (CRIDP) for the year 2021-2022 vide G.O.Ms No. /Highways and Minor Ports (HF-2) Department Dated:

**Location and Classification:**

The Vridhachalam- Kattugudalore road is an important Major District Road in Cuddalore District. The Stretch from Km.10/6-11/6 is being maintained by Vridhachalam (H) C&M Sub-Division under the control of Cuddalore (H) C&M Division. The total length of the road is 19.60 Km Out of this length km 10/6-11/6 is taken up for widening and Improvements in this Estimate. This road branches at Km 53/6 of Cuddalore -Vridhachalam-Salem road (NH-532) in heart of Vridhachalam town and ends at km 19/6 at Kattugudalore Village.

**Important and Necessity:**

Vridhachalam is an important Agriculture marketing centre in Cuddalore District. The famous Vridhagiriswarar temple is in Vridhachalam town. The very heavy loaded vehicles from ceramic factories are using this road. The public utilized this road for conveying their agriculture products (Mostly cashew nuts) to nearest marketing centre. This road connects many villages and also this road is used for educational and medical activities.

**Need for Widening and Improvements**

For Ceramic industries the main raw material i.e white clay is being conveyed from Panruti and Kadampuliyur through Taureses For the distillery unit molasses is being conveyed to the factory through tanker lorries. Hence the heavy vehicle movement is very frequent and high in this road.

For easy negotiation of vehicular traffic on this road it has to be widened from Intermediate lane to Two Lane.

  
Assistant Divisional Engineer  
Highways (C & M), Vridhachalam.

Considering the importance and necessity, the stretch from 10/6-11/6 is widened from Intermediate lane to Two Lane.

The volume of traffic is 10299 PCU. Hence the above road required widening from Single lane to Two Lane as per IRC 37- 2018. As per 2017 census the traffic volume of the road is 1625 CVPD. Hence widening proposed from Single lane to Two lane.

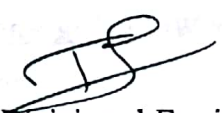
**Existing Condition:**

The existing road is having Single lane width 3.75m and the soil is Silty gravel with sand in nature. The existing carriage way portion in km 10/6-11/6 is badly damaged with Little pot holes and sunken portion which causes hindrance to vehicular traffic movement which is beyond the scope of normal maintenance.

The main scope of this project is Free Flow of Traffic and reduce the accident in Forest Reach. The total length of the road is 19.6km in which 15km of the road has been widening already. This year balance length will be wide except in forest stretch Km 10/6-11/6. In this forest reach many accident across very frequently due to width of the road. This project is necessary to widen the road to Two lane with earthen shoulder and also this project gives connectivity of many villages around Kattukudalore to Vridhachalam and Panruti town.

**This road was formed before 1980 and it is in use for public. Now from Km 10/6 to 11/6 for a Length of 1000 meters is Proposed for widening and Improvements. The total width of proposed road is 9meter including the existing carriage way 3.75meters bituminous road and 1.5 meter hard shoulder on both side.**

Hence necessary permission may please be permitted to widening the road to Two Lane.

  
Assistant Divisional Engineer,  
Highways (C&M),  
Vridhachalam.