

NARRATIVE REPORT

Name of work : -

Construction a High level bridge at Km. 0/4 of Kooranur Road across Malattar River in Gramam Reserve Forest area of Viluppuram Forest Division of Viluppuram District.

The work has been administratively sanctioned by the Government of Tamilnadu vide G.O. Ms. No. 22/Highways (HW-1) and Minor Ports Department, Dated : 20.02.2015.

Details of existing structure : -

The road which passes through the forest land is classified as Other District Road (Government Road) and it is being maintained by the Highways Department of Government of Tamilnadu. There is a bed level causeway which has a length of 106m and to a width of 7.00m with summer vents on both sides. The total length of the road is 1.60 Km. and Km. 0/0 – 0/4 is lies in the R.F. area.

The causeway and road portion has been periodically maintained by Highways Department since from 1960. The Malattar River has been acquired and announced as Reserve Forest by the Forest Department during 1980 only. The road and land of the Highways department has also included in the Reserve Forest area without elimination. Hence diversion of 0.528 hectare of forest land is necessary to construct bridge at this location.

Necessity : -

During rainy season village public and school going children of Kooranur, Thenmangalam and Gramam find very difficult, Since flood water crosses the causeway at an height of 2.5m for more than 1 month period. Hence it is absolutely necessary to construct a high level bridge at this location.

The proposed bridge has a length of 154.00m and overall length including approaches is 240.0m and to a width of 12.0m. Temporary diversion road is proposed on the upstream side of the causeway to a length of 240.0m and to a width of 10.0m. (will be removed after the completion of bridge).

Hence for constructing high level bridge at this location it is requested to divert forest land to highways department to the following extent.

Permanent diversion (Bridge & approach) = $240.0\text{m} \times 12.0\text{m} = 0.288 \text{ Hec.}$

Temporary diversion (diversion road) = $240.0\text{m} \times 10.0\text{m} = 0.240 \text{ Hec.}$

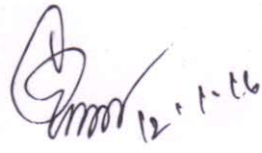
Total = 0.528 Hec.

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