

PROJECT NOTE

Thane Municipal Corporation (TMC) intends to Construct Additional New Bridge including approaches between Thane and Kalwa, over Thane Creek & Reconstruction of 3 Culverts / Minor Bridges on Existing Road. The city of Thane is situated on the western banks of Thane Creek and is located towards north eastern direction of Mumbai city. The city is governed by Thane Municipal Corporation (TMC) and has a population of 18,18,872 as per 2011 census. Population in the Thane city is expected to grow significantly in the upcoming years owing to the opportunities and development in this city. The city has been marked by rapid demographic growth and has witnessed tenfold multiplication in the last forty years. Over the years, extensive industrial and business development has been observed in and around Thane city.

Due to the new developments taking place across the Thane Creek, vehicular growth also increase in this area. At present, there are two Creek bridge to cross the Thane Creek which links two major junctions namely Thane Creek bridge junction (Jail side) and Kalwa Ch. Shivaji Junction. Recently, the existing very old stone masonry arch type bridge is closed for all types of traffic. Hence, the commuters are facing great distress due to traffic problems.

At present, peak hour traffic volume (in PUC) at Kalwa Ch. Shivaji Junction and Kalwa jail side junction is 11,171 & 11,619 respectively. These

both junctions have already crossed 10,000 PCU/Hr. A new bridge is also operating whose traffic volume in peak hour is 10,590 PUC, which is twice of its capacity. All roads joining these both junctions are having traffic volume more than their capacity in peak hour. For better traffic solution, to reduce travel time and better traffic management, it is necessary to segregate traffic by providing extra lanes. Hence, it is proposed to construct additional new 3 lane Bridge over Thane Creek & Reconstruction of 3 Culverts / Minor Bridges on Existing Road, to segregate traffic.

By considering land constraints and future traffic demand, it is proposed to construct 3 lane one way bridge over Creek between Thane and Kalwa. Three Culverts / Minor Bridges on Existing Road & Up ramp 2 lanes from Saket side and down ramp of 2 lanes on Kalwa side is also proposed. Additionally, 2 lane one way down arm should be extended towards Belapur side crossing Kalwa junction to minimize congestion at junction. Additionally, 2 lane one way up arm should be extended to Thane station side to minimize congestion to Jail side junction and 2 lane up arm on Jail side before start of junction are proposed.

The total cost of the project is 165.93 Cr. which has been principally approved by Thane Municipal Corporation no. 462 dated 20/02/2014. The said project is construction of bridge of 2328.00 m long and 8.5 m wide having 65 piers of size 2.00 m x 1.20 m each & 3 culverts / minor bridges on existing road. The total area required for the project is 2.6884 ha. among which 0.2740 ha. falls in

mangrove area (A, B, & C are the area affected by mangroves shown on Village Map) for which forest clearance under Conservation Act 1980 is required as per high court order dated 27th January, 2010 enclosed as Annexure - II.

As the area required is minimum and there is no other alternative but to sought the approval of Central Government to carry out non-forestry works in mangrove forest area.

The alignment has been done in such a way to utilize minimum mangrove area and there is no alternative to the alignment proposed.

Signature 11/8/15

PROJECT AUTHORITY

शुभ नगर अभियंता

सार्वजनिक बांधकाम विभाग

ठा. महानगर पालिका, वणेश्वर.