



Development of Multi Modal Corridor from Navghar to Chirner (near JNPT) in the state of Maharashtra

(Consultancy services for obtaining MoEF&CC and CRZ Clearances)

SALIENT FEATURES

- Multi Modal Corridor from (Navghar to Chirner) near JNPT is a single corridor in which multiple modes, such as buses, BRT, metro rail and cars, along with utilities such as water, sewage and gas lines are present in the same Right of Way.
- It connects the major roads such as NH-8, Bhiwandi Bypass, NH-3, NH-4, NH-4B, Mumbai -Pune Expressway, NH-17 etc. The corridor will provide faster connectivity to JNPT, Proposed Navi Mumbai Airport, MTHL and dedicated Freight Corridor (DFCC).
- The traffic generated from JNPT and going to the above roads will use MMC and hence will bypass Navi Mumbai and Thane City, thereby eliminating traffic jams in these cities and reducing the travel time will by 50%.
- The proposed MMC will help in development of 7 growth centres, namely, Virar, Bhiwandi, Kayan, Dombivali, Panvel, Uran and Talaja MIDC in the MMR region.
- The total civil cost of the project is approximately Rs. 19225.73 Crores.
- The proposed right of way (RoW) 99 m, to accommodate access controlled highway lanes, service lane, parking lane, pedestrian footpath and metro facility at the Centre (30m). The RoW has been reduced to 45 m in vital wildlife areas.
- Land use pattern within 10 km (5 km on either side) of the project area is agricultural, forest, sanctuaries, mangrove & CRZ, commercial, residencies, urban and villages. Project corridor also passes through the costal/low lying areas.
- The proposed alignment has been recommended to MoEF&CC for CRZ clearance by MCZMA during its 113th meeting on 8th to 11th August, 2016 vide letter no CRZ-2016/CR-128/TC 4 dated 17.10.2016.
- Project corridor crosses over 5 rivers namely Kamvadi river, Ulhas River, Kasadi river, Lendi River and Gadhe River.
- Total 30 Major bridges, 23 Minor Bridges, 26 Vehicular Underpasses, 04 Pedestrian Underpasses, 22 Culverts, 2 ROB's, 28 Flyovers have been proposed. Service Road has been provided all along the corridor.



- The project road falls in the tehsils of Vasai, Bhiwandi, Kalyan, Thane, Ambernath, Panvel, Uran and Pen in Palghar, Thane and Raigad Districts of Maharashtra.
- Major settlements include Bapane, Sarjamori, Mori, Sasu Navghar, Nagale, Paye, Paygaon, Malodi, Kharbao, Vadunavghar, Dunge, Kevani, Kopar, Kalher, Kasheli, Dive anjur, Anjur, Bharodi.
- Approximately 3200 families are going to be affected because of land acquisition & resettlement.
- Approximately, 1053.75 Ha will be required by MMRDA, which includes 145 Ha. Govt Land, 878.20 Ha. Private Land. The Land is to be purchased, based on Samruddhi model of Direct Purchase (i.e as per Gr dt 12.5.2017). The cost of private land is Rs.15617 Cr.
- Approximately 110.4038 hectare (includes, Reserve, Protected Forest, Mangrove areas) forest land is to be diverted for the proposed project.
- As per initial assessment, it is anticipated that 5135 trees are likely to be affected due to the proposed project. Efforts will be made to minimize trees loss by restricting tree cutting within formation width. Avenue plantation shall be carried out as per IRC SP: 21:2009 on available ROW apart from statutory requirements.
- Tata Power Trombay Thermal Power Plant (28.31km) falls within 300 km of the proposed project alignment and fly ash will be used in the project depending upon their availability as per existing fly ash notification.
- The total requirement of water for construction is estimated to 250 KLD for 2 years.
- Public hearing has been conducted in Raigad, Palghar and Thane districts on 16.01.2018, 20.03.2018 and 15.06.2018 respectively.
- The approximate budget for environmental management works is worked out to Rs. 15 Crores.