

A BRIEF NOTE ON THE PROJECT

Name of the Project: Diversion or 0.040Ha.or forest land for Construction or Railway Over Bridge on Diva-Vasai Railway line at Village-Kharbao, in Taluka-Bhiwandi District-Thane of Maharashtra project.

Taluka-Bhiwandi

District-Thane

State- Maharashtra

Total Area – 1.0 Ha

Forest area – 0.04 Ha

INTRODUCTION : The proposed work of construction of Railway Over Bridge on Diva-Vasai Railway line at Village-Kharbao. This Railway connects to Mumbai-Ahmedabad and Mumbai-Pune Railway line.

The Executive Engineer, Multistoried Building Construction Division Chembur Mumbai has estimated and Ministry of Railway has sanctioned construction of new Railway Over Bridges on Central Railway in lieu of busy level crossings on cost sharing basis. The Railway Over Bridge in between Diva-Vasai section is included in this programme. It is decided to construct Bridge proper (Railway and portion) by Railway Department and part work of viaduct, Approaches and Service Railway by Public Works Department. The estimates prepared for part work of Public Works Department as per arrangement shown in the Railway GAD. The work of entire ROB is to be carried out on 50-50 % cost sharing basis by DFCCIL(Mumbai) and Public Works Department.

The Railway Bridge ROW (Railway land portion) will be constructed by Railway Department and part work of viaduct. Approaches and. Service Railway by Public Works Department. The proposed linear project passes through forest and non-forest area of Villages Kharbao. The width of proposed Approach Road is 7.50 m.

The over bridge is to be constructed with the aim of saving time and reducing congestion in city Railways. It is planned above the railway lines which have regular and heavy railway traffic along them. Over bridges is to be constructed to continue the Railway traffic in the presence of obstacles like rail

tracks. It is preferred since there is no other option of vehicular pathway over the obstacle than an over bridge itself. The over bridge is meant to provide a Railway way for pedestrians, vehicles and utility corridor for pipes and cables over Diva-Vasai railway line. This over bridge allows Railways to be built over Road/railway to facilitate faster movement of people and vehicles assumed to increase in future thereby resulting in congested traffic in the villages. It will help in saving time, money and fuel of pedestrians or running automobiles which are presently stranded due to railway passing. This project is important and will enhance the communication and development on Central Railway track.

Government of Maharashtra, Public Works Department have sanctioned Administrative approval to this project for Rs. 34,60,26,000/- (Rs. thirty four Crore sixty Lac twenty six Thousand only) vide G.R. No.PLN-2016/CR-599/Ni-3, Mantralaya Mumbai, dated 12/02/2016.

The Executive Engineer, MRDDDI Bandra Mumbai had submitted land acquisition proposal for this project for non-forest area coming under this project to Collector office Thane district on 03/05/2017. The land acquisition process is in progress with Collector Thane.

The localities will be directly benefited through job opportunities. Similarly during the construction period of the project 1.00 Lac man days of skilled employment, 1.50 Lac man days of semi-skilled, 4.50 Lakh man days unskilled employment will be created. The population of Kharbao is around 5032 which will be benefitted from the project. In totality there will be tremendous addition to the socio-economics scenario of the region.

LOCATION: Diversion of 0.040Ha. of forest land for Construction of Railway Over Bridge on Diva-Vasai Railway line at Village-Kharbao, in Taluka -Bhiwandi District-Thane of MAHARASHTRA project is located on all along the periphery of the Mumbai, Thane and Bhiwandi-Virar Municipal Corporations. The site location is shown in Map enclosed.

The villages at & surrounding the proposed area is:

North - Chinchoti Anjurphata road

East - Bhiwandi Road Railway station

South - Vasai creek

West - Kharbao Road Railway station

EXTENT OF LAND REQUIRED: The proposed land is mostly the covered with swelled shrubs on the fringes of the Sanjay Gandhi National Park, The proposed area falls in the Gat/S.Nos. Kharbao S.no. 257/1 in Taluka Bhiwaodi, District Thane. The Total area of be project is 2.25 ha. and the forest area required is 0.040ha. The Non-forest area is acquired and possessed by the P.W.D.

DETAILS OF TH E PROJECT: The Work of Construction of Railway Over Bridge in lieu of L.C.6C at Rly KM 63/400, On Diva- Vasai section on V.R.243.Road ODR NO-10, Tai, Bhiwandi, Dist. Thane. The ROB comprises of 22 Nos of viaduct. All the foundation will be open and Pile. foundation construction with M-45 grade concrete, Providing Bipolar Concrete Penetrating Corrosion inhibiting Admixture. Sub Structure- RCC Pier 1500 mm dia, Pier cap, Bearing Pedestal, Dirt wall.withM-45 grade concrete, Providing Bipolar Concrete Penetrating Corrosion inhibiting. The Wearing coat with 12mm mastic + 50mm DBM+25mm AC for the entire ROB. For the road below the obligatory span including service road, proper islands/rotary and wearing coat of 50mm DBM and 40 AC shall be provided. Thermoplastic lane marking paint to ROB and service road. NP-2 pipes of 150 mm diameter shall be used as water spouts to drain off rainwater from wearing course. The pipe shall be extended up to ground level below the soffit of box girder. Bidder can propose proper rain water disposal arrangement suitable from maintenance point of view.

Bipolar Concrete Penetrating Corrosion Inhibiting Admixture to integral concrete penetrating corrosion inhibiting admixture POLYALK CP 293 (SUNANDA MAKE) or KP 200 of M/s Krishna Conchem or equivalent at dose of 3 kg, per cum of concrete.

The construction debris and hazardous waste shall not be dumped in Forest areas.

Authorized signatory for PWD



**Executive Engineer,
Multistoried Building Division, Chembur**

Justification for locating the project in forest area

The Railway over bridge (ROB) project involves construction of bridge on the Diva-Vasai railway line at village Kharbao. The length of the bridge is 1.160 Km and width is 7.50 Meters. The ROB will be done on keeping in mind the future widening/ expansion of railway lines. There are sparse vegetation in the area. The land status of few patches of forest land is Govt. Reserved forest and. There was no other option available other than the forest land for construction of ROB. The railway over bridge project is a linear project. There is no human habitation on the forest land required in the project. There are no rare, endangered or threatened species of Flora and fauna found in the project area. Considering unavoidable circumstances, Project authority was constrained to submit a proposal for diversion of Forest land.

Authorized signatory for PWD



**Executive Engineer,
Multistoried Building Division, Chembur**