

Justification for locating the project in forest area

Itarsi-Nagpur Broad gauge double line is part of Rajdhani route between New-Delhi-Chennai-Secunderabad-Bangalore-Trivendrum. The line between Itarsi-Nagpur passes through Hoshangabad, Chhindwara, Betul districts of Madhya Pradesh and Nagpur District of Maharashtra. This is double lined electrified section with 25 KV AC traction, serving passengers as well as goods traffic from North to South. It has ruling gradient of 1 in 60 in Dn direction in Dharakoh-Maramjhri ghat section & 1 in 150 (excluding ghat of Dharakoh-Maramari and Chichonda-Teegaon). The line capacity utilization of the section is saturated and running additional Main/Exp. and goods traffic over the section causes detention to the trains. The line capacity of the section for year 2013-14 was 133% with maintenance block for NGP-AMF sub-section and 162.9 % with maintenance block for AMF-ET sub-section of ET-NGP section.

In order to cope with increased demand for both passenger and goods traffic, the Government of India has decided to augment the carrying capacity by developing third line for the section between Jujharpur (Km.750+00) and Dodharamohor (Km.792+650). Central Railway (CR), Nagpur Division is the implementing agency for the proposed 3rd railway line section.

Since this is a capacity augmentation project of existing Railway line, so the most feasible alignment is chosen utilizing entire existing available RoW already in possession of Railway, thus keeping requirement of additional land minimum. For additional land requirement, wherever possible Non-forest/Private land has been used for the alignment. In view of the cited reasons, the proposed alignment which passes through 9.9857 Ha of forest land cannot be located elsewhere and hence the proposed diversion requirement of 9.9857 Ha of forest land is minimum and fully justified.


(Pawan Patil)

Dy. Chief Engineer (C), Betul
उप मुख्य इंजिनियर (निर्माण)
Dated: 10.12.2021
मध्य रेल, बेतुल
Place: Nagpur
Dy. Chief Engineer (Construction)
Central Railway, Betul