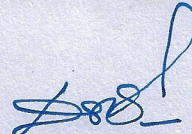


WESTERN RAILWAY
CTD-DHAR NEW BG RAILWAY LINE PROJECT
JUSTIFICATION FOR ALIGNING THE PROJECT THROUGH FOREST AREA

The Chhotaudepur-Dhar New Broad Gauge railway line project was sanctioned by the Railway Board in year 2007-08 as a socio-economic project. It will provide connectivity to the tribal area of Alirajpur & Dhar District of M.P., to the Indian railway network, that will provide the job opportunities to this area. Hence it will provide the social development opportunities to the area. This project also will provide the train connectivity to Dahod and Indore through another railway project, i.e. Indore-Dhar-Dahod new line project. Thus provides the connectivity with the industrial area of Pithampur, will also contribute in the social as well as economic development of the tribal area. Moreover it will be the shortest train route from Indore to Mumbai, approx. by 110Km short.

Since the ground level difference between Chhotaudepur and Dhar is of 346.0m, and the maximum permissible gradient for the passenger and goods train as per the Railway Board policy is 1 in 150, accordingly the route decided. Moreover being the socio-economic project, the cost optimization also considered for deciding the alignment, accordingly the tunnels avoided as being the costly. Hence the finalized alignment of the Railway track is required to pass through Forest area in Alirajpur & Dhar district due to the following technical and Socio-Economic issues:-

1. As per the existing Ground level differences between Chhotaudepur to Dhar, the final Railway alignment has been decided keeping in view the Maximum permissible ruling gradient of 1 in 150, for the Railway Line, as per the Railway Boards guidelines for new Broad Gauge line.
2. The decided alignment will be providing Railway connectivity for the first time to around 16 villages in and around Forest area of Alirajpur & Dhar district, via the proposed Railway stations of Jamnyapada & Maphatpura.
3. The finalized alignment has also been proposed as it is to facilitate the social & economic development of the local residents of the region in and around the Forest area.



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