

SELECTION OF MOST SUITABLE ROUTE FOR DIVERSION

As shown in the map feasibility of total three alternative routes were examined between proposed Tihi and Pithampur Railway stations. The merits and demerits of these routes are as under:-

Sr. No.	Parameter	Option No.1	Option No.2	Option No.3
1	Length of diversion	2.719 km	2.961 km	3.449 km
2	Area of Revenue Forest land	NIL	0.24 Hect.	NIL
3	Economy	Expensive	Economical	More expensive
4	Ease of construction	Most difficult due to Thickly Populated area	Easy	More difficult due to crossing of National highway, geographical reasons and more Forest area required
Most suitable option		Option No. 2		

The option No.2 is most suitable as it is economical, easy to construct hence it is selected.

Only Tunnel is required to be constructed under this land at about 20 to 22 mtrs below the Ground level.


Mnish Malik
Dy.Chief Engineer (C) II
Western Railway INDORE