

Wildlife Mitigation Plan

The diversion of forest land proposed for the Construction of New BG Railway line in Forest Lands in Various Villages of Shimoga and Davangere District in favour of Deputy Chief Engineer, Construction, South Western Railway, Mysore has good population of Herbivorous wild animals. The proposed project requires diversion of 9.04 Ha forest land in 7 villages of Shivamogga Taluk in Shivamogga division. The proposed area for diversion consists of dry deciduous forest with wildlife like Leopard (*Panthera pardus*), Sloth bear (*Melursus ursinus*), Jackel (*Canis aureus*), Spotted deer (*Axis axis*), Sambar (*Rusa unicolor*), Muntjac (*Muntiacus muntjac*), Wild boar (*Sus scrofa*), Jungle cat (*Felis chaus*), Peacock (*Pavo cristatus*) and Wild fowl (*Gallus gallus*) etc. Construction of new railway line across the forest area results in the fragmentation of forest land, which intern affect the movement of wildlife in the proposed diversion area.

In the proposed stretch of railway line, the forest department have identified the wildlife movement and proposed following physical structures which facilitates the easy movement of wildlife across the railway and avoid any wildlife casualties due to railway accidents.

In case if the project is approved, the following safety/mitigation measures are required to be taken up by the User Agency to the required specification. The proposed physical structures are

1. Construction of under passes


In Joga M.F (Belalkatte Village Sy. No. 33, 32 & Hirekorlahalli Sy. No. 39) 02 under passes of 5 meter width are proposed to facilitate the movement of wildlife without crossing railway line. The location details for these proposed underpasses are given as below

Sl. no.	Village	Name of the Reserve Forest	Locality (Sy. No.)	GPS Reading	Proposed Strctures
1	Belalkatte	Joga M.F	33	N 14.145803 E 75.422031	Underpass (5 Mtr width)
2	Belalkatte	Joga M.F	33	N 14.139994 E 75.427256	Underpass (5 Mtr width)

2. Construction of Chianlink Mesh

The constructution of railway line through forest area will hinder the movement of wildlife and there is a fair chance of them getting hit by a passing train. In order to prevent any accidents with the wildlife construction of chain link mesh is proposed on either side of the railway track. This chainlink mesh prevents wildlife crossing across the railway tracks and guides them towards the underpasses which are proposed earlier. So total of 1200 running meter length of chainlink mesh is proposed. The location details for these proposed chainlink mesh are given as below

Sl. no.	Village	Name of the Reserve Forest	Locality (Sy. No.)	Length (Mtr)	GPS Reading		Proposed Strcture
					Starting Point	Ending Point	
1	Belalkatte	Joga M.F	33	1200	N 14.145803 E 75.422031	N 14.139994 E 75.427256	Chainlink Mesh


 Deputy Conservator of Forest
 Shivamogga Division, Sagar