

JUSTIFICATION FOR LOCATING THE PROJECT IN THE PRESENT ALIGNMENT

PROPOSAL FOR FOREST CLEARANCE FOR THE CONSTRUCTION OF 2-LANING OF JORAM-KOLORIANG ROAD SECTIONS FROM Existing CH 70.000 (Design CH 59.363) TO Existing CH 138.000 (Design CH 122.353) FOR EXECUTION IN EPC MODE AT KURUNG-KUMEY FOREST DIVISION IN THE STATE OF ARUNACHAL PRADESH UNDER "SARDP-NE"


Comparative statement for 3 Alignment alternatives is as follows :

Parameters	Alignment -I	Alignment-II	Alignment - III
Type of geometric improvement	Widening and Realignment	Widening and Realignment	Widening and Realignment
Design Length (km)	62.191	58.239	61.898
Realignment (km)	6.5	8.1	7.5
Utilization of Existing Road formation by widening (m)	55.691	50.139	54.398
Design Speed (kph)	30 - 40	30- 40	30 - 40
Horizontal Curve (nos.)	2450	1774	1552
Nos, of bridges (nos.)	8	11	8
Landslide prone zones	6.510 Km	20.070 Km	5.250 Km
Connectivity to the Habitations	All the habitations along the existing road alignment	Bypasses Pagu Village, Zero Point Village, Lill Village	All the habitations along the existing road alignment

Consideration for choosing the alignment I:-

1. The new green field length of Alignment –I is less in comparison to the other two alignments, hence this involves less green forest area in comparison to the other two alignments.
2. The proposed alignment follows the existing geometry at most of the locations and the alignment has been redesigned mainly to smoothen the existing geometry by widening. Because of this approach, the impact on the environment is minimum.
3. Most of the habitations along the existing road are connected by alignment I.
4. Though the landslide area in alignment I is more in comparison III, severe landslide prone areas were avoided in alignment I.




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