

# APPLICATION FOR ACCORD OF ADMINISTRATIVE APPROVAL TECHNICAL REPORT

**Name of work:** Improvement and Up-gradation of road from Kanda to Ransoo km 1<sup>ST</sup> to 9<sup>th</sup> RD 0-500 [under CRF] L=8.50Kms

**Authority:** As per Instruction of Worthy Chief Engineer PW(R&B) Department Jammu vide letter No. PW(R&B)Plan / 830/2017 Dt. 23-07-2018. .

**Proposed length:** 8.50 km

[Kanda to Ransoo Km 1<sup>st</sup> to 9<sup>th</sup> RD 0-500 – Double Lane].

**Name of District:** Reasi

**History & Necessity:** In the Jammu region the Vaishno Devi Yatra has emerged as a major pilgrimage tourist attraction in the last two decades, impacting the economy of the state in a profound manner. The tendency of the 8 millions tourists cum pilgrims visiting Vaishno Devi ji, is also to visit other places the state has unveiled the potential of a whole gamut of other pilgrim tourist centre in the vicinity.

Ransoo town located 80 km from Katra, the base camp for Shiv Khori Shrine is fast emerging as another major centre for pilgrimage tourism in the state. With the spurt increase in number of pilgrims from 40 thousand annually to 6lacs last year especially after the formulation of Shiv Khori Shrine Board, it is expected to touch 2 millions pilgrims annually in the coming few years. It is in the above background & in view of the growing rush of pilgrims to Shiv Khori

Shrine in the past few years the Govt. of J&K has decided to prepare & strengthen the physical infrastructure keeping in view the need of yatris.

Kanda to Ransoo road (1<sup>st</sup> to 9<sup>th</sup> RD 0-500 km ) of the proposed road was constructed to B.T. Status in mid 70's.

The present traffic intensity, road formation & geometric lead to frequent & long traffic jams especially during annual Shiv – Ratri & Raksha Bandan melas which causes great physical & mental discomfort to the yatris

In view of the above noted facts, the need has been felt to Up – grade Kanda to Ransoo road (1<sup>st</sup> to 9<sup>th</sup> km) to double Lane as per IRC specifications, so that safety, physical & mental comfort of pilgrims & locals is ensured.

Besides above this shall go in a long way to uplift the socio-economic status of the area & the full pilgrimage/tourist potential shall also be realized

**Proposal & Specification:** it is proposed to standard double lane (SDL)

Specifications as per details given below.

S. No	Geometric Design	Location	Remarks
		Km 1 <sup>st</sup> to 9 <sup>th</sup> RD 0-500 km Kanda to Ransoo	
i.	Over all Formation width	10.0 Mt (SDL)	As per IRC – SP - 48 Hill Road Manual
ii.	Carriage Way	7.50 Mt	
iii.	Ruling Gradient	5 – 6 %	

**E/Work: -**

Earth work in excavation & embankment shall be carried to achieve full formation width of 10mt conforming to the grade lines & geometric as per IRC Guidelines.

**Cross – drainage work: -** 23No. X – Drainage are proposed to cope up the peak run off especially during the rainy season, besides pucca drain at required locations as per details given below:

<b><u>S.No</u></b>	<b><u>C.D. Work</u></b>	<b><u>S.D.L</u></b>
1.	3 mt span R.C.C Culverts	09 No.
2.	6.0m long Scupper	07Nos
2.	900 mm $\phi$ H.P.Culverts	<u>15No.</u>
<b>Total</b>		<b><u>31 No.</u></b>


**Protection work**

**R/Wall & B/Wall: -**

Semi Pucca R/Walls & B/Wall with horizontal & vertical bands of stone masonry in CM 1:6 & dry stone masonry in panels is proposed to be constructed in certain locations as per necessity at site.

**Time & Cost:**

The scheme shall cost Rs. 1886.00lacs & shall be completed within a period of 03years subject to timely release of funds.

  
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