

## Technical Report

- Name of the project : Construction and upgradation of BHARATH - KESHWAN ROAD form Km 1<sup>st</sup> to Km 13<sup>th</sup>.
- Authority : Letter from Abdul Majid Wani Hon'ble MLA of Doda Constituency vide his No. 862-65 Dated 31-12-07
- History & Necessity : The proposed road shall take off from village Bharat which is situated in Tehsil Doda District Doda. The take off point is 26<sup>th</sup> Kms away from Doda Town and 32th Kms from NHIB at Pull Doda and about 204 Kms from Jammu. The total proposed length of the road is 13 Kms. The road under reference will benefit directly number of villages viz Bharat, Upper Bharat, Jigwan, Nagni Dhar and Ingwan Dhar, Heala and Thathri Dhar and indirectly the villages falling in the Tehsil of Kishtwar including Tourist Spots. This will be connected to Keshwan Ingwan road falling under PWD (R&B) Div. Chatroo in Tehsil Kishtwar proposed under NABARD, as such providing on alternative rout to synthen Duck Sum road and then to Kashmir valley which shall reduced the earlier distance by about 60 Km from Doda. This road will directly or indirectly benefit a population of about 7000 souls of the area. Who are economically backward because of no road connectivity. The people of the area have no means of livelihood other than agriculture, Horticulture, Poultry, Dairy and forest produces The area is rich in agriculture produce like Maiz Potato's, Beans etc and also in milk and poultry products. The surplus is wasted in absence of road connectivity. It is expected that after construction of this road agricultural

production will increase and will also facilitate convenient transportation of surplus goods to nearby marketing centres/ mandies like Doda City, Pull Doda and even Jammu & Kashmir valley. The road construction will also provide direct employment Skilled/ Unskilled labour thereby boosting the Socio-economic condition of the area. The other social benefits of the project are improvement in health centres. Medicares, school education and other prompt. Govt. sponsored facilities.

As such the above facts necessitated for construction of this road under C.R.F.

#### Proposals

- : The formations of the road is proposed to be 6.0mt. almost in cutting with extra width at curves and in crossing places, the ruling gradient of the road will be 5%. A hill side drain of the size 0.6×0.6m shall be constructed to cater the surface run off. the back slope in Earth work shall vary from 1:6 to 1:12. as per classification of the strata.

The road is proposed to be upgraded by way of providing and laying WBM G. Ist. 100mm thick, G IInd 75mm, GIIIrd 75mm thick, 20mm thick premixing besides the construction of semi pucca scuppers, 0.90 dia R.C.C hume pipe culverts to drain out surface water during rainy seasons.

#### Specifications:-

- (a) **Road formation**:-The formation of the road is proposed to be 6.0mtr. almost in cutting with extra width at curves and crossing places. The ruling gradient of the road will be 5%
- (b) **Drainage Crossing**  
**Minor drainage crossing:-**
- (i) **Semi Pucca Scuppers**:- Shall be constructed with pucca drop walls in 1:3:6 P.C.C. in active cannel portion while as approach walls to be semi pucca. Across fall/.

Longitudinal fall of 1 in 15 is proposed for scuppers. The flooring shall be of 20cm thick squared stone Masonry in 1:6 mix laid over 15cm thick stone concrete in 1:4:8

(ii) 0.90 M dia Hume pipe culverts are proposed with drop walls and curtain walls of C.C 1:3:6 mix and catch pit also of the same specification.

(iii) B/Walls:- Two mt. height semi pucca B/Walls with 0.60m top width 1:3 front batter and 1:6 back batter have been proposed to protect the hill slopes from erosions.

(iv) R/Walls:- 4mt. height semi pucca R./Wall with 0.60m top width with 1:3 front batter have been proposed

© Upgradation:- 100mm thick WBM G.1<sup>st</sup> shall be provided as base course and 75mm thick each layer of WBM G II and G. IIIrd.

Premixing:- It is proposed to provide 2cm thick premix carpet with necessary tack coat and seal coat of IRC type B.

(d) Availability of Labour:- The skilled/ unskilled labour is guaranteed throughout the year as the population enroute the proposed alignment and adjoining areas are living below poverty line and dependent on such labour generating development projects.

(E) Time & Cost:- The scheme shall cost of Rs.1790.00 lacs as per General Abstract of cost and take three years for completion subject to availability of funds and early sanction of project.

  
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