



कार्यालय प्रभागीय वनाधिकारी, चकराता वन प्रभाग, चकराता।

पत्रांक-4718/2-1 दिनांक, चकराता 2) जून 2022

सेवा में,

वन संरक्षक,
यमुना वृत्त, उत्तराखण्ड,
देहरादून

विषय :- जनपद देहरादून के अन्तर्गत विधानसभा विकासनगर के ग्राम हरिपुर में मुख्य मार्ग से जू0हा0स्कूल की ओर संड़क निर्माण हेतु वन भूमि पर का गैर वानिकी कार्य हेतु लो0नि0वि0 को प्रत्यावर्तन।

संदर्भ:- अपर प्रमुख वन संरक्षक एवं नोडल अधिकारी, वन संरक्षण, उत्तराखण्ड, देहरादून का पत्रांक-288 दि० 29.07.2021

महोदय,

उपरोक्त विषयक मोटर मार्ग पर अपर प्रमुख वन संरक्षक एवं नोडल अधिकारी, देहरादून द्वारा संदर्भित पत्र से लगाई गई आपत्तियों की निराकरण आख्या प्रस्तावक विभाग द्वारा अपने पत्रांक-746/6सी दि० 10.05.2022 से इस कार्यालय को उपलब्ध करा दी गई है एवं प्रस्ताव ऑनलाईन दि० 08.06.2022 को उपलब्ध कराई गई। उनके द्वारा उपलब्ध कराई गई अनुपालन आख्या निम्नानुसार प्रेषित है -

क्र०सं०	आपत्ति	निराकरण आख्या
1	शासन द्वारा स्वीकृत 0.625 कि०मी० लम्बाई में 0.39 कि०मी० पूर्व में ही निर्मित है तथा शेष 0.435 कि०मी० लम्बाई में वन विभाग की भूमि में 3.60 मी० चौड़ाई में ट्रैक बना हुआ है। स्पष्ट किया जाये कि क्या उक्त पूर्व निर्मित मार्ग हेतु क्या वन संरक्षण अधिनियम, 1980 के साथ अनुमति प्राप्त की गई है। यदि प्राप्त की गई है तो स्वीकृति के आदेश की सत्यापित प्रति प्रस्ताव में संलग्न किया जाये।	प्रस्तावक विभाग द्वारा अवगत कराया गया कि उक्त मार्ग के प्रारम्भ 0.39 कि०मी० लम्बाई खसरा सं०-201 के अन्तर्गत आता है, उक्त मार्ग वनभूमि के अन्तर्गत नहीं है।
2	प्रस्ताव में भू-वैज्ञानिक की रिपोर्ट संलग्न नहीं किया गई है।	प्रस्तावक विभाग द्वारा इस कार्यालय को प्रेषित भू-वैज्ञानिक रिपोर्ट प्रमाणित छायाप्रति संलग्न है।
3	प्रस्ताव में वन संरक्षण अधिनियम 1980 का उल्लंघन न किये जाने का प्रमाण-पत्र संलग्न नहीं की गई है।	प्रस्तावक विभाग द्वारा इस कार्यालय को प्रेषित वन संरक्षण अधिनियम 1980 का उल्लंघन न किये जाने का प्रमाण-पत्र की छायाप्रति संलग्न है।
4	प्रस्ताव में संलग्न भाग-2 के बिन्दु संख्या 7 VI में हरियाली का घनत्व अंकित नहीं किया गया है। इसके अतिरिक्त कई स्थानों पर कटिंग की गई है जिसे हस्ताक्षरित नहीं किया गया है।	भाग-2 के बिन्दु संख्या 7 VI में हरियाली का घनत्व अंकित कर दिया गया है तथा भाग-2 की हस्ताक्षरित प्रति संलग्न है।

संलग्नक :- (1) उपरोक्तानुसार

(2) प्रस्ताव की 02 रंगीन प्रतियाँ

Signature
D/mon.

भवदीया
Signature
(कल्याणी)


प्रभागीय वनाधिकारी,
चकराता वन प्रभाग, चकराता

प्रारूप-53


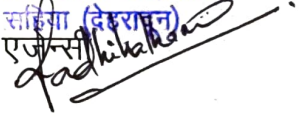
परियोजना का नाम:- जनपद देहरादून में राज्य योजना वर्ष 2011-12 के अन्तर्गत विधानसभा क्षेत्र विकासनगर के ग्राम हरिपुर से मुख्य मार्ग जू0 हा0 स्कूल की ओर सड़क के निर्माण हेतु वनभूमि हस्तान्तरण प्रस्ताव।

वन संरक्षण अधिनियम, 1980 का उल्लंघन न होने का प्रमाण पत्र

प्रमाणित किया जाता है कि प्रश्नगत परियोजना के निर्माण हेतु आवेदित वन भूमि पर वन संरक्षण अधिनियम, 1980 का उल्लंघन नहीं हुआ है।


ह0 / उप वन संरक्षक
प्रभासीय वन प्रभिकारी
चकराता


R.O.
वन क्षेत्राधिकारी
रीवर रेंज डाकपत्थर


अधिसूची अभियन्ता
ह0 / अस्थाई खण्ड लो०नि०वि०
सहिगा (देहरादून)
प्रयोक्ता एज०सी०


कार्यालय प्रमुख अभियन्ता एवं विभागाध्यक्ष
उत्तराखण्ड लोक निर्माण विभाग,
देहरादून

भू-गर्भीय निरीक्षण आख्या ए0जी0- 462 सड़क/पुल/सम्बन्ध/उत्तराखण्ड/गढ़वाल-2020

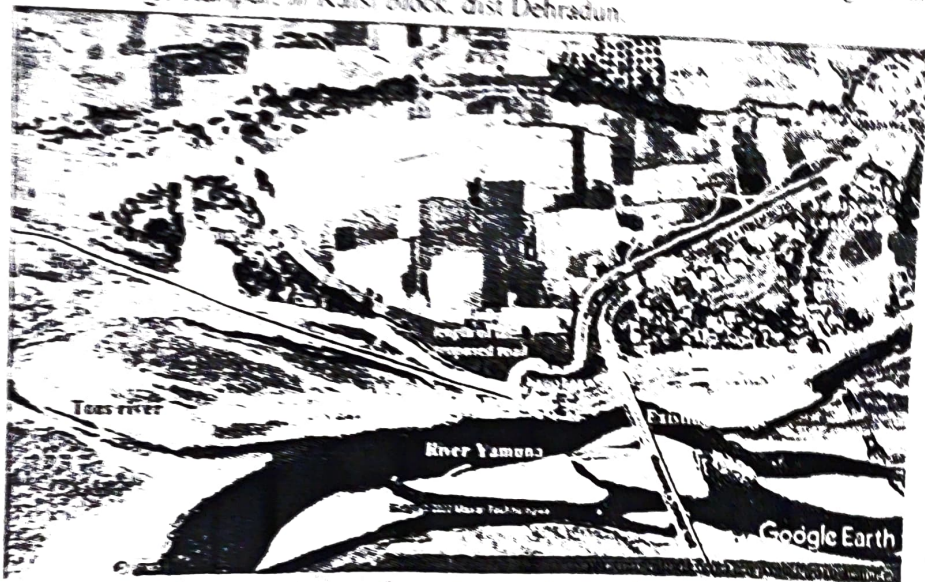
Geological assessment of the alignment corridor proposed for the construction of 0.435 km (sanctioned length=0.825 km) long m/r joining Junior high school (Rashtrya Balika Intercollege, Kalsi) to the main road near village Haripur situated over the right bank of river Yamuna, in Kalsi block, dist. Dehradun

17 जनवरी 2022

Geological assessment of the alignment corridor proposed for the construction of 0.475 km sanctioned length (0.825 km) long m/r joining Junior High School (currently Rashtrya Balika Intercollege, Kalsi) to the main road near village Haripur situated over the right bank of river Yamuna, in Kalsi block, dist. Dehradun

1- Introduction:- The Temporary Division, Public Works Department, Sahiya vide G.O. no. 5019/10/111(2011)-10/M.L.A. 2011 dated (15.11.2011) has been instructed for the construction of 0.825 km long meter road joining Junior High School (currently Rashtrya Balika Intercollege, Kalsi) to the main road near village Haripur situated over the right bank of river Yamuna, in Kalsi block, dist. Dehradun. The work of survey and CC work over 120 m falling over naap land in the above mentioned road has been carried out where it originates from the main road in the downslope direction. The remaining stretch of 315 m falls over the forest land for which geological assessment report was needed. With reference to the letter no. 28/ICB dated (15.01.2022), En. Prayush Kumar requested to the undersigned for the geological assessment for the above mentioned alignment in response to which I carried out the same on 07.01.2022 in the presence of En. Priyanka Singh, Junior Engineer, T.D, PWD, Sahiya, dist. Dehradun

2- Location:- The alignment corridor proposed for the above mentioned remaining 315m m/r originates from the end of 120 m long CC road along the right bank of river Yamuna which ultimately connect to Junior High School (currently Rashtrya Balika Intercollege, Kalsi) to the main road near village Haripur, in Kalsi block, dist. Dehradun.



Google earth view of the proposed proposed connecting Junior High School (currently Rashtrya Balika Intercollege, Kalsi) to the main road

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3- Geological Assessment:- Geologically the site proposed for the above mentioned m/r falls in a part of the Outer/Sub Himalayan Belt tectonically bounded between the Main Boundary Thrust (MBT) in the North and Himalayan Frontal Fault (HFF) in the South direction. The terrain containing the proposed site is characterized by a extreme wide transverse NE-SW trending valley generally named as Doon Valley. The entire valley is comprised of the gravels(RBM) embedded in the sandy-silty matrix and the bed rocks are deeply buried underneath this material. At the proposed site, the river Yamuna and river Tons confluence to form a deposit of RBM towards the inner side of the confluence. There is thick RBM deposit with intact rock at >25 – 40 m depth and the ground proposed for the construction of the road and are comprised of the rounded gravels, cobbles and pebbles embedded in sandy silty clayey matrix. The material comprising these grounds falls in the category of the heavy soils i.e soils mixed with boulders and according to the assessment made at the site the "Undrained Shear Strength" of this ground forming material was assessed ranging between 300 K Pa to 400 K Pa. This material is naturally dense, fully compacted and semi-dispersive in nature. At places some isolated pockets of silty-soil has been encountered during the site visit. The material exposed in and around the proposed grounds is well graded and uneroded in nature. The entire visible of river Yamuna bears a wide course and at places it is characterized by the braided river channels. Presently, the entire visible river bed and its bank are free from the slushy ground conditions, sink/pot holes etc.

The ground exposed on and across the alignment corridor are massive but partially weathered at the over the rough surface with geogrid wall over the right bank of river Yamuna to avoid any types of water intrusion or encroachment. The residual soils and hill/slope wash material with slope facets of this alignment are inclined between 5° - 15° oriented in SW directions.


The RBM deposited on and across the alignment corridor measures 15 to 20 m or more. This material is comprised of the rock fragments embedded in the clayey-matrix. This material is naturally dense, hard in dry state, compact and semi-dispersive in nature. The soils comprising in it are "Stiff" in nature as per the soils consistency classification. The "Undrained Shear Strength" present on and across the alignment slopes has been assessed ranging between 300 K Pa -400 K Pa. It has been observed that most of these soils are generated by the decomposition of terrain rock, therefore these are residual soils and contains plastic clay minerals in abundance.

By and large the alignment slopes are stable and presently free from any landslide/mass wasting activities due to flat terrain

On the basis of the geological/geotechnical studies carried at the site and the facts mentioned above, the following recommendations are being made for the construction of the proposed road failing to which, this report will be automatically treated as cancelled.

4- Recommendations:-

- 1- Construct extra large lined drain all along the road and make adequate cross drainage arrangements. The accumulated rain water run-off from this road and its upslope catchment should not allow to flow freely over the road.


सहायक अभियंता (सि.सि.)
राज्य, प.स. विभाग, रा. विभाग
प.स. विभाग, रा. विभाग

- 2- Do not dispose the excavated waste on the nearby portion, it will damage or hinder the free flow of surface water.
- 3- All the construction activity must be carried out as per the standard codes of practice laid by the BIS and MORTH.

5- Conclusion:- On the basis of the geological / geotechnical studies carried at the site and with the above recommendations, the alignment corridor of the remaining 315 m length is suitable originating from the end of 120 m long CC road along the right bank of river Yamuna which ultimately connect to Junior High School (currently Rashtrya Balika Intercollege, Kalsi), in Kalsi block, dist. Dehradun.



(Shiv Kumar Rai)
Asst. Geologist
Office of the Engineer in Chief,
PWD, Dehradun.