## संलग्तक - 13 (1)

Name of Project :- Diversion of forest land for the development of 6-lane (greenfield) access-controlled spur to Haridwar from Delhi-Saharanpur-Dehradun Economic Corridor Section of NH 344BG from 0.000 to Km19.070 in Saharanpur district of Uttar Pradesh State and Km. 19.070 to Km 50.700 in Haridwar District of Uttarakhand State under Bharatmala Pariyojana.

## Muck Disposal Plan

1.	Calculation of muck to be generated. Swell factor has to be applied.	Muck will not be generated. No calculation and swell factor is applicable. Undertaking is enclosed in this regard.
2.	Quantity of muck to be utilized in the project activities	Muck will not be generated. Undertaking is enclosed in this regard.
3.	Balance quantity of muck which requires disposal / management plan	Not Applicable
4.	Carriage of muck from the muck generation site to the dumping site	Not applicable
5.	Ownership of land and the consent of land owners, in case muck disposal is proposed on non-forest land.	Not applicable
6.	Photograph & carrying capacity of proposed dumping site (Muck disposal site)	Not applicable
7.	Development of dumping site- construction of retaining walls and other structure as per requirement of the site. The objective is to completely stop rolling down of the muck.	Not applicable
8.	Rehabilitation of dumping site like leveling, planting of grass, shrubs and tree species	Not applicable

Note: Cost to be incurred on the above activities has to be given

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GM (T) cum Project Director

দেশি প্ৰিৰাজনা Highways Authority of India पी॰आई॰यू॰ रुड़की / PIU, Roorkee.

Date:- 23.12.2021 Place: Roorkee

## रनलग्नक - 13 (२)

Name of Project :- Diversion of forest land for the development of 6-lane (greenfield) access-controlled spur to Haridwar from Delhi-Saharanpur-Dehradun Economic Corridor Section of NH 344BG from 0.000 to Km19.070 in Saharanpur district of Uttar Pradesh State and Km. 19.070 to Km 50.700 in Haridwar District of Uttarakhand State under Bharatmala Pariyojana.

component wise. Detail of dumping site including length, width and height of structures to be erected must be mentioned.

Undertaking by the user agency has to be given to the effect that:

- 1. Muck management plan will be implemented by the user agency and in case of non-implementation of the plan; they will be liable to penalty / action at their cost.
- 2. The proposed dumping site is located away from road.

Date:- 23.12.2021 Place Roorkee

Comis in int

Pradeep Singh Gosain GM (T) cum Project Director NHAI, PIU- Roorkee परियोजना निदेशक / Project Director भारतीय राष्ट्रीय राजमार्ग प्राधिकरण