


Muck Disposal Plan

This is a Green Field Expressway Project, hence there will be comparatively very less excavation while construction of Expressway. Whatever little muck gets generated during construction will be utilized for filling of embankment approaching the bridge and work.


Authorized Signatory
Uttar Pradesh Expressways
Industrial Development Authority
(UPEIDA)

Name of Project Construction of Ganga Expressway, an access controlled Greenfield Expressway in Meerut, Hapur, Bulandshahar, Amroha, Sambhal, Badanyu, Shahjhanpur, Hardoi, Unnao, Raibarely, Pratapgarh and Prayagraj Districts in the state of Uttar Pradesh (FP/UP/ROAD/144793/2021)

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S. No.	Details	Quantity	Unit
	Materials received from Hillside cutting	Nil	Cum
	Materials received from cutting including 40% of swell factor	Nil	Cum
	Total	Nil	Cum
	Disposal & Use Material	Nil	Cum
1.	R.R. stone Masonry laid in 1.5	Nil	Cum
2.	R.R. stone Masonry laid dry	Nil	Cum
3.	Hand packed stone filling	Nil	Cum
4.	Construction of wire Crete	Nil	Cum
5.	Construction of parapet	Nil	Cum
6.	Construction of Granular sub-base/base/surface	Nil	Cum
7.	Construction scupper	Nil	Cum
8.	Construction of roadside drain	Nil	Cum
9.	Super elevation & Patri Filling	Nil	Cum
10.	Concrete work	Nil	Cum
11.	Total	Nil	Cum
12.	Material Disposal by Carriage	Nil	Cum

Summary of Debris Disposal

S. No.	Total Material	Material Disposal	Resided Material for road construction	Total Disposal in Dumping zone
1.	Nil	Nil	Nil	Nil

Details of Muck Disposal Site


S. No.	Location of Dumping Yard	Owner of the Land	Khasra No.	Area (Ha.)	Height of the Dumping Zone (m)	Latitude and Longitude
1.	Nil	Nil	Nil	Nil	Nil	Nil


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S. No.	Particulars	Remarks
1	Calculation of muck to be generated. Swell factor to be applied.	Since, the project is green field access controlled expressway and the road alignment is entirely located in plane area having no scope of hill cutting/deep excavation and accordingly no muck will be generated due to providing additional facilities. Accordingly, no calculation and swell factor is applicable. It is to be noted that for this access controlled Expressway significant quantity of earth material will be required instead of generation of muck.
2	Quantity of muck to be utilized in the project activities.	As stated in above column, generation of muck is very unlikely. Whatever little debris gets generated during construction will be utilized for filling of embankment approaching the bridge and road work.
3	Balance quantity of muck which requires disposal/management plan.	No balance quantity is estimated; construction related debris will be utilized in project work.
4	Carriage of muck from the muck generation site to the dumping site.	Not applicable, due to above mentioned reason in S. No. 1 & 2.
5	Ownership of land and the consent of land owners in case muck disposal is proposed on non-forest land.	Not applicable, due to above mentioned reason in S. No. 1 & 2.
6	Photograph & carrying capacity of proposed dumping site (Muck disposal site)	Not applicable, due to above mentioned reason in S. No. 1 & 2.
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, due to above mentioned reason in S. No. 1 & 2.
8	Rehabilitation of dumping site like levelling, planning of grass, shrubs and tree species.	Not applicable


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