

Muck Disposal Plan

Name of Proposal : Construction of road at Sherakundi, Sheikh Mohalla, Najar Mohalla, Lower Hill and Dutter Road.

- 1.0) The Project involves construction of road having a length of 3.00 km. However, the forest clearance has been sought for 0.463 km length so as to get the clearance for entire length upto the proposed village.

2.0) Generated Muck Volume

Construction Of Road requires removal of vegetation and trees firstly. Then earthwork cutting is to be executed. The volume of muck to be generated is detailed in table 1. About 35 % of muck generated is to be reused in road construction for filling, constt. of retaining/gabion walls. The total quantity of generated muck, reusable quantity and quantity to be disposed are provided in Table 2

KM	muck volume(to be generated) (cum)
KM ist to 3rd	23277
Total	23277

Table 1. Muck volume(to be generated)

Muck vol.(Cum)	Re-used Volume(cum)	Disposal Volume(cum) in non forest area	Disposal Volume(cum) in forest area)
23277	9310	13967	0

Table 2. Volume of muck to be disposed

3.0) Proposed muck disposal sites

2 muck disposal sites measuring a total area of ha have been selected as designated site for muck disposal in Table 3

dumping 1	1000
dumping 2	1000
Total	2000 sqm or 0.20 ha

Table 3.

The muck disposal sites are located in non forest area.

The muck holding capacity of all muck disposal sites are detailed in table 4

Village	Forest /non forest	Area (Ha)	Length (m)	Width(m)	Gabion all height(m)	Capacity(Cu m)
	Non forest		50	20	7.50	7500
	Non forest		50	20	7.50	7500
Total						15000 cum

Table 4

It can be inferred from the volume that capacity of disposal sites exceeds the generated muck volume. Therefore, the proposed muck disposal sites with suggested gabion wall height will suffice the requirement of dumping of excavated muck.

Lowry

Executive Engineer
PWD(R&B)Division
Sofno Ramban