

DIVERSION OF 1.5648 HACT. OF FOREST LAND FOR CONSTRUCTION OF LINK ROAD FROM MASROOR TO GHARIAR IN DISTRICT KANGRA (H.P.)

FILE NO: FP/HP/Road/11020/2015

DATE OF PROPOSAL

RECLAMATION PLAN

FOR LINK ROAD FROM MASROOR TO GHARIAR IN DISTRICT KANGRA (H.P.)

Disposal of muck

The muck produced from the construction of link road from Masroor to Ghariar would be self utilized for the back filling of low lying areas, embankment in the road surface for the improvement of smooth gradient of the road. The area proposed for construction is having gentle slope so no muck dumping has been identified. So the muck generated shall be self utilized and no muck shall be allowed to roll the hillside or dumped along the road.

Rehabilitation proposal

Since there is no displacement of any population due to the construction of the road there will be no rehabilitation problem.

Afforestation


Compensatory Afforestation shall be carried out by the forest department for compensation shall be paid by the user agency. Area to be taken for Afforestation shall be twice the forest land required for the construction of project.

Retaining Walls/B/walls

RR Masonry/GI wire crate filled with boulders/ stones reclaimed from excavation of road shall be used for construction of retaining walls/B/walls for retaining the surplus excavated earth /muck as per standard design of HPPWD with due consideration to site condition.

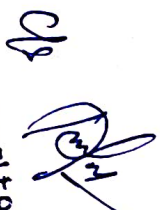
Use of muck /debris


Most of the excavated muck/debris obtained from the project components during construction work shall be used for manufacturing of aggregates for construction work, filling in wire crates, stone masonry work for R/walls , B/wall, Culverts etc. Debris will also be used in the filling of low lying surface of the road.

9/8

District Forest Officer
District Forest Division
Daha-177101

DETAIL OF MUCK TO BE GENERATED

S.R. NO.	PROJECT COMPONENT	QUANTITY OF MUCK /DEBRIS GENERATED	QUANTITY OF MUCK WITH 25% SWELLING FACTOR	TOTAL QUANTITY OF MUCK DEBRIS WITH SWELLING FACTOR	ESTIMATE QUANTITY OF MUCK DEBRIS PROPOSED TO UTILIZE	ESTIMATE QUANTITY OF MUCK DEBRIS PROPOSED TO DUMPED	REMARKS
1	ROAD	2786x5x0.50x0.25= 1741	435	2176	2176	----	The generated muck shall be utilize for manufacture aggregates for construction, filling in wire crates, stone masonry works, B /walls, R/walls and filling in low lying areas.
	TOTAL	1741	435	2176	2176	----	


 Divisional Forest Officer
 Dehra Forest Division
 Dehra-177101


 Executive Engineer
 HPPWD Division
 Dehra (Kangra) H.P.

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ROAD FROM MASROOR TO GHARIAR IN DISTRICT KANGRA (H.P.)**

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CERTIFICATE OF MUCK DUMPING

Certified that the muck which generated during **C/O link road from Masroor to Ghariar in Distt. Kangra (H.P.)** all the generated muck will be self utilized in project components . It shall be used for manufacturing of aggregates for construction work, filling in wire crates, stone masonry work for R/walls , B/wall, Culverts etc. Debris will also be used in the filling of low lying surface of the road.

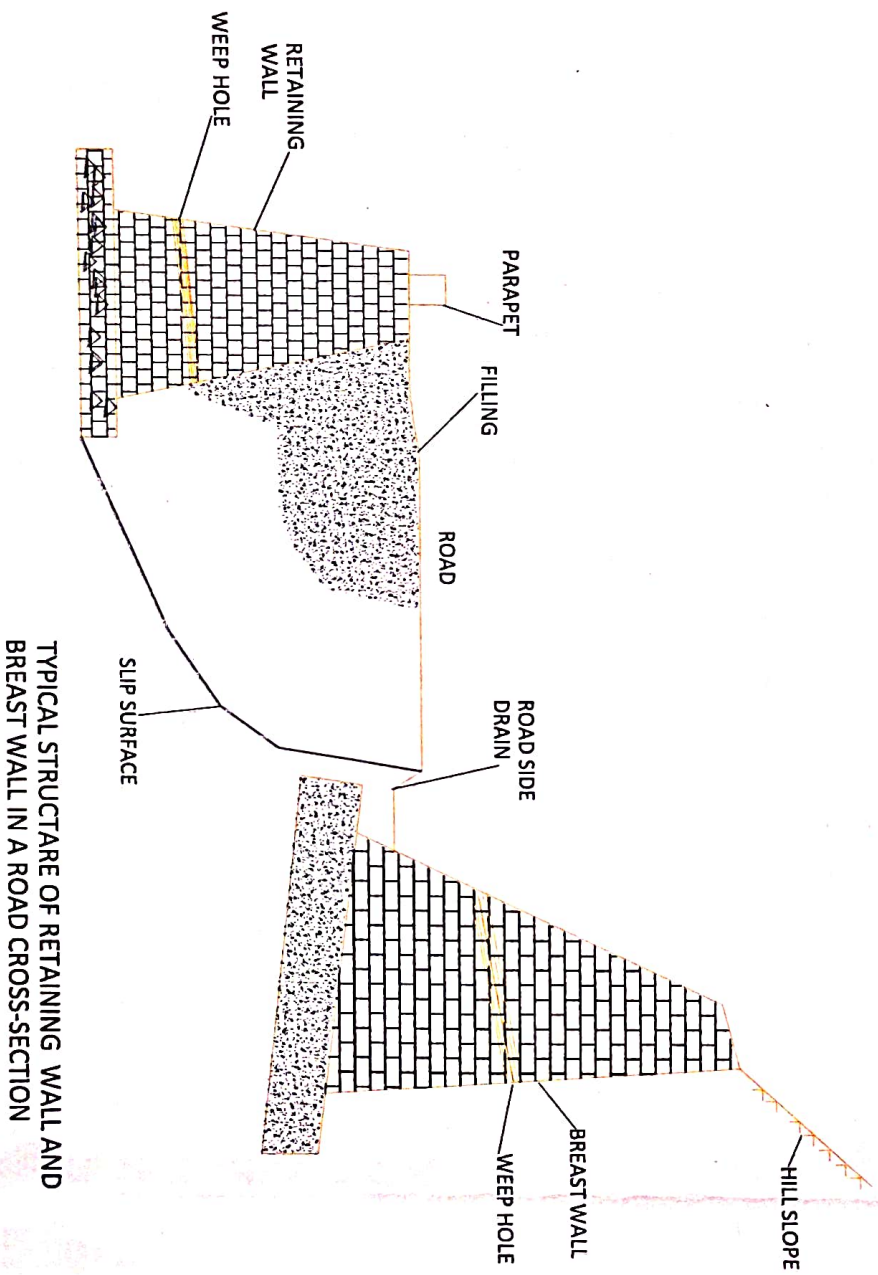
Place---

Date---

Executive Engineer
Division Dehra
Executive Engineer
HP/HP/Dehra
Dehra (Kangra) H.P.

ds
Divisional Forest Officer
Dehra Forest Division
Dehra 177101

GENERATED MUCK WILL BE USED IN FILLING WORK OF THE R/WALL & B/WALL.



TYPICAL STRUCTURE OF RETAINING WALL AND BREAST WALL IN A ROAD CROSS-SECTION

Ch
 Divisional Forest Officer
 Dehra Forest Division
 Dehra-177101 (H.P.)

[Signature]
 Executive Engineer
 HPWD Division
 Dehra (Kanara) H.P.