

परियोजना का नाम:- जनपद पिथौरागढ़ में पिथौरागढ़ तवाघाट मोटर मार्ग के किमी 0 72.00 (ढुंगातोली / विनियार्गोव) से किमी 0 107.600 (तवाघाट) तक मोटर मार्ग का चौड़ीकरण।
(कुल लम्बाई 35.600)।

मलवा निस्तारण हेतु प्रमाण पत्र

मलवा निस्तारण योजना इस मार्गदर्शिका के परिशिष्ट में दिये माडल के अनुसार ही तैयार की जानी है। तथा मलवा निस्तारण हेतु 1.22 हे० सिविल सोयम भूमि ली गई है। मलवा निस्तारण मार्गदर्शिका में दिए गए कोर्डिनेट में ही किया जाना है।

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प्रयोक्ता एजेन्सी

[Signature]
(ANKIT AGARWAL)
AB/AEB/Capt
offg Officer Commanding
67 RCC (GRF)

[Signature]
004/11/12
घर 319

[Signature]
(SUNIL KUMAR)
वन क्षेत्राधिकारी
अस्कोट

ह०/-
प्रभागीय वनाधिकारी

[Signature]
(B.S. ALMIYA)
वन क्षेत्राधिकारी
अस्कोट

[Signature]
(डा. विमल भार्गव)
प्रभागीय वन अधिकारी
पिथौरागढ़ तवाघाट
पिथौरागढ़

Specifications

*Name Of Work : Muck Disposal Plan For Construction Of Dhungatoli to Tawaghat Road
State Sector (length 36.50km)*

All the works shall be carried out as per detailed specifications of Public Works Department (Uttarakhand) and circulars issued by the Chief Engineer from time to time.

Alt
11/11/21
(ANKITA GPRWAL)
AE/AEE/Capt
offg Officer Commanding
67 RCC(GREF)

**Name Of Work : Muck Disposal Plan For Construction Of Dhungatoli to
Tawaghat Road State Sector (length 36.50km)**

Sr no	Discription of Item	Quantity	Unit	Remark
1	Material recived from hill site cutting 1/2x35600x3x3=	160200.00	cum	
2	add 40% for swell factor	64080.00	cum	
3	Total quantity for disposal	224280.00	cum	

Reuse and disposal of material

1	RR stone masonry laid in 1:6 cement and sand mortar for Retaining wall 25% of total material	56070.00	cum	
2	RR stone masonry laid dry for Breast wall 25% of total material	56070.00	cum	
3	Hand packed Stone filling Behind Retaing wall and Breast wall 25% of R/wall and breast=(a+b)x25%	14017.50	cum	
4	Construction of wire crate Total quantity used in Dumping yard	10161.00	cum	
5	Construction of parapet (1x100x35x9x0.4 5x0.60)=	8505.00	cum	
6	Granular sub base (4x35.6x400x6.00x0.12)=	28366.08	cum	
7	Improvement of Road grade (1x4x200x6x0.50)	2400.00	cum	
	Total material used	175589.58	cum	
	material disposed by cartage to dumping yards	48690.42	cum	


 (ANKIT AGARWAL)
 AE/AEE/Capt
 Jtg Officer Commanding
 67 RCC(GREF)

Name Of Work : Muck Disposal Plan For Construction Of Dhungatoli to Tawaghat Road State Sector (length 36.50km)

Details of Muck Disposal Yards with Land Owner Detail

Sr. no	Chainage	Name of Land owner	Land in Hect	Land in Sqm	Land area being used for dumping yard(sqm)	Latitude	Longitude
1	Ch. 72.900 to 73.200	State forest land (Uttarakhand Govt.)	0.0900	900.00	900.00	29°47'55.61"N	80°24'56.72"E
2	Ch. 74.500 to 74.875	State forest land (Uttarakhand Govt.)	0.1125	1125.00	1125.00	29°48'24.63"N	80°26'5.32"E
3	Ch. 78.900 to 79.794	State forest land (Uttarakhand Govt.)	0.2682	2682.00	2682.00	29°48'0.14"N	80°28'18.74"E
4	Ch. 80.100 to 80.601	State forest land (Uttarakhand Govt.)	0.1503	1503.00	1503.00	29°47'48.07"N	80°29'4.06"E
5	Ch. 81.875 to 82.226	State forest land (Uttarakhand Govt.)	0.1053	1053.00	1053.00	29°49'14.69"N	80°30'6.36"E
6	Ch. 91.075 to 91.408	State forest land (Uttarakhand Govt.)	0.0999	999.00	999.00	29°51'17.45"N	80°32'32.97"E
7	Ch. 96.275 to 96.623	State forest land (Uttarakhand Govt.)	0.1044	1044.00	1044.00	29°52'48.99"N	80°33'55.24"E
8	Ch. 98.025 to 98.505	State forest land (Uttarakhand Govt.)	0.1440	1440.00	1440.00	29°53'50"N	80°34'15.64"E
9	Ch. 100.900 to 101.380	State forest land (Uttarakhand Govt.)	0.1440	1440.00	1440.00	29°56'27.37"N	80°35'4.28"E
		Total	1.2186	12186.0000	12186.0000		

say 1.22hac


ANKIT AGARWAL
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 Jtg Officer Commanding
 67 RCC(GREB)

Muck Disposal Plan

Name Of Work : Muck Disposal Plan For Construction Of Dhungatoli to Tawaghat Road State Sector
(length 36.50km)

Summary of Results

1 The quantity of material received from hill side cutting -= (Sheet sttached on page no. of Muck disposal estimate)	224280.00 cum
2 The quantity of material used in various items =	175589.58 cum
3 The remaining quantity of muck for dumping i/c swell factor (Sheet sttached on page no. of Muck disposal estimate)	48690.42 cum
4 Numbers of dumping yards needed for the dumping of muck	
(i) In state forest land =	4.00 Nos
(ii) In Nap Land = (Sheet sttached on page no. of Muck disposal estimate)	nil Nos
5 Carring capacity of dumping yards with dimensions & coordinates	
	Area in hect 1.219 Quantity
In state forest land =	48744.00 cum
(ii) In Nap Land =	0 cum
(Sheet sttached on page no. of Muck disposal estimate)	48744.00 cum
6 Land ownership Reports (Nap Land) (Sheet sttached on page no. of Muck disposal estimate)	
7 Amount for Construction of Dumping Yards	
(i) In state forest land =	202.33 Lacs
(ii) In Nap Land = (Sheet sttached on page no. of Muck disposal estimate)	0 Lacs
8 Cost of Vegetation Plantation in Civil Soyam Land = (Sheet sttached on page no. of Muck disposal estimate)	35.60 Lacs
9 Total Amount in Civil Soyam Land =	
(i) Cost of construction of dumping Yards =	202.33 Lacs
(ii) Cost of Vegetation Plantation =	35.60 Lacs
Add 2% for Incidental Charges	Total 237.93
	4.76
	Total 242.69

(Signature)
(ANKIT AGARWAL)
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Officer Commanding
67 RCC(GREF)

Detail of Measurement

**Name Of Work : Muck Disposal Plan For Construction Of Dhungatoli to Tawaghat Road State Sector
(length 36.50km)**

S. No.	Item	No	L (m)	B(m)	H(m)	QTY	
	1 Excavation in foundation for structure as per drawing and technical specification clause 305.1 including setting out construction of shorting and bracing, removal of stumps and other deleterious material and disposal up to 50mt, dressing of sides and bottom and backfilling in trenches with excavated material(ref 11.20-300)						
	Ch. 72.900 to 73.200	1x1/2	300.00	0.50	0.30	22.50	cum.
	Ch. 74.500 to 74.875	1x1/2	375.00	0.50	0.30	28.13	cum.
	Ch. 78.900 to 79.794	1x1/2	894.00	0.50	0.30	67.05	cum.
	Ch.80.100 to 80.601	1x1/2	501.00	0.50	0.30	37.58	cum.
	Ch. 81.875 to 82.226	1x1/2	351.00	0.50	0.30	26.33	cum.
	Ch. 91.075 to 91.408	1x1/2	333.00	0.50	0.30	24.98	cum.
	Ch. 96.275 to 96.623	1x1/2	348.00	0.50	0.30	26.10	cum.
	Ch. 98.025 to 98.505	1x1/2	480.00	0.50	0.30	36.00	cum.
	Ch.100.900 to 101.380	1x1/2	480.00	0.50	0.30	36.00	cum.
					G.Total	123.08	cum.
	2 Providing and laying of boulder apron laid in wire crates with 4mm dia G.I. Wire conforming to IS : 280 & IS : 4826 in 100mm x 100mm mesh (woven diagonally) including 10% extra for laps and joints laid with stone boulders weighting not less than 25 Kg each as per drawing and technical specification of PWD and as directed by Engineer in charge.						
	Ch.80.100 to 80.601	1x2	300.00	1.00	1.50	900.00	
	Ch. 81.875 to 82.226	1x2	375.00	1.00	1.50	1125.00	
	Ch. 91.075 to 91.408	1x2	894.00	1.00	1.50	2682.00	cum.
	Ch. 96.275 to 96.623	1x2	501.00	1.00	1.50	1503.00	cum.
	Ch. 98.025 to 98.505	1x2	351.00	1.00	1.50	1053.00	
	Ch.100.900 to 101.380	1x2	333.00	1.00	1.50	999.00	
	Ch.100.900 to 101.380	1x2	348.00	1.00	1.50	1044.00	
	Ch. 98.025 to 98.505	1x2	480.00	1.00	1.50	1440.00	cum.
	Ch.100.900 to 101.380	1x2	480.00	1.00	1.50	1440.00	cum.
					G.Total	10,161.00	cum.
	3 Vegetation Plantation .						
						35.6	job


ANKIL AGARWAL
AE/AEE/Capt
Offg Officer-Commanding
67 RCC (GRFP)

Bill of Quantity

**Name Of Work : Muck Disposal Plan For Construction Of Dhungatoli to Tawaghat Road
State Sector (length 36.50km)**

Sl. No	Item of work	Quantity	Unit	Rate	Amount
1	Excavation in foundation for structure as per drawing and technical specification clause 305.1 including setting out construction of shorting and bracing, removal of stumps and other deleterious material and disposal up to 50mt, dressing of sides and bottom and backfilling in trenches with excavated material(ref 11.20-300)	123.08	cum.	431.10	53059.79
2	Providing and laying of boulder apron laid in wire crates with 4mm dia G.I. Wire conforming to IS : 280 & IS : 4826 in 100mm x 100mm mesh (woven diagonally) including 10% extra for laps and joints laid with stone boulders weighting not less than 25 Kg each as per drawing and technical specification of PWD and as directed by Engineer in charge.	10,161.00	cum.	1986.00	20179746.00
				Total	20232805.79
3	Vegitation Plantation .	35.600	Job	100000.00	3560000.00
				Total	23792805.79
	Add 2% for Incidental Charges				475856.12
				Total	24268661.91


 AE/AEB/Capi
Offg Officer Commanding
67 RCC(GREF)

Summary of Estimated Cost

Name Of Work : Muck Disposal Plan For Construction Of Dhungatoli to
Tawaghat Road State Sector (length 36.50km)

S.No.	Description	Amount In Lacs
1-	Muck disposal Plan for Construction of Dhungatoli to Tawaghat motor road under state sector	24268661.91
	Total	24268661.91
	Say	242.69 Lacs

(Signature)
12/11/21
(ANKIT AGARWAL)
AE/AEB/Capt
Officer Commanding
67 RCC (GRBF)

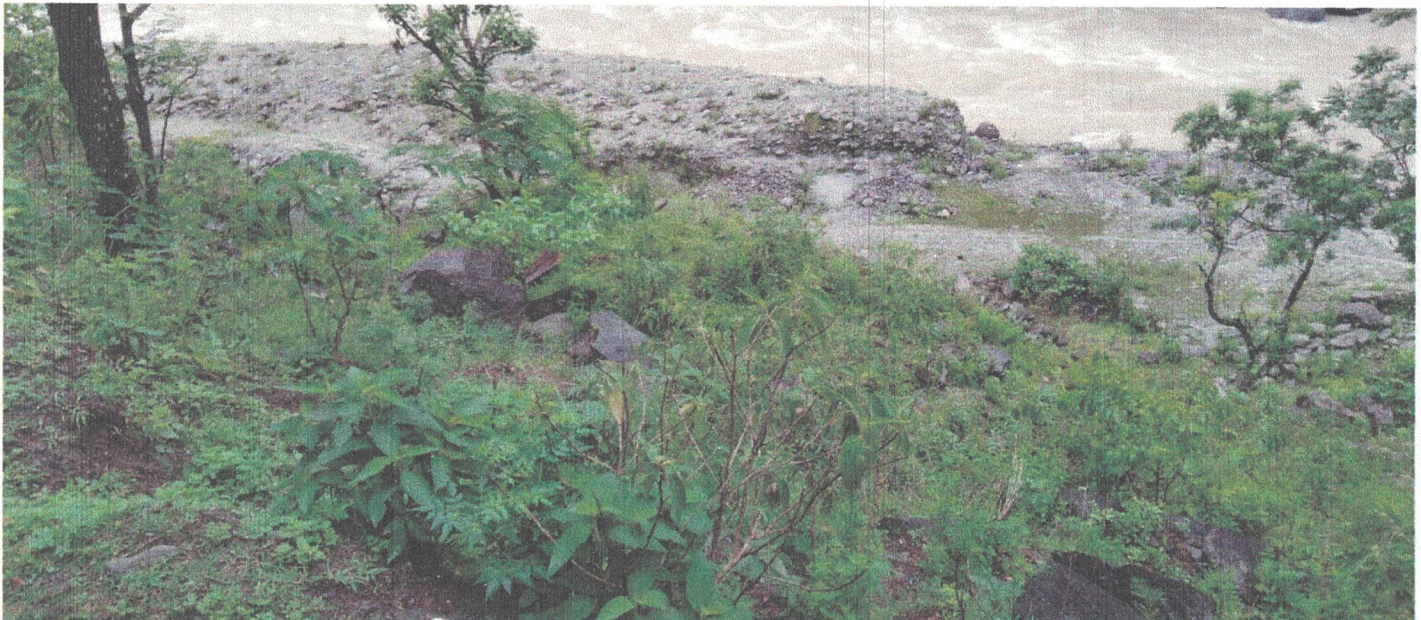
(Signature)
25/11/21
206
610307

(Signature)
12/11/21
(SUNIL KUMAR)
वन क्षेत्राधिकारी
अस्कोट

(Signature)
12/11/21
(B.S. ALKALYA)
वन क्षेत्राधिकारी
अस्कोट

(Signature)
12/11/21
प्रभागिय वन अधिकारी
पिथोर गड वन प्रभाग
पिथौरागढ़ 16/11/21

परियोजना विवरण :- जनपद पिथौरागढ़ में पिथौरागढ़ तवाघाट मोटर मार्ग के किमी 0 72.00 (ढुंगातोली/विनियाराँव) से किमी 0 107.600 (तवाघाट) तक मोटर मार्ग का चौड़ीकरण (कुल लम्बाई 35.600)।



MUCK POINT A



MUCK POINT B

12/11/21
AB/ABE/Capt
Offg Officer Commanding
67 RCC(GREF)

12/11/21
आरक्षक

12/11/21
राजस्व उप निरीक्षक
क्षेत्र-4 कनकपुर
तहसील - धारवला
(मुन्ड विह धामी)

12/11/21
(B.S. ALMIA)
व्यवस्थापक
(प्र. नि. भ. वि. 1)
12/11/21

परियोजना विवरण :- जनपद पिथौरागढ़ में पिथौरागढ़ तवाघाट मोटर मार्ग के किमी 0 72.00 (डुंगातोली/विनियागॉव) से किमी 0 107.600 (तवाघाट) तक मोटर मार्ग का चौड़ीकरण (कुल लम्बाई 35.600)।



MUCK POINT C



MUCK POINT D

Alt
16/11/21
AB (AEB/Capi)
Offg Officer-Commanding
67 RCC (GRBF)

16/11/21
तहसील - धारचूला
धारचूला

राज्य वन निरीक्षक
क्षेत्र - धारचूला
तहसील - धारचूला

21
16/11/21
(BSA/Cm/21/11/21)
वन निरीक्षक
अस्कोट

16/11/21

परियोजना विवरण :- जनपद पिथौरागढ़ में पिथौरागढ़ तवाघाट मोटर मार्ग के किमी 72.00 (ढुंगातोली/विनियाराँव) से किमी 107.600 (तवाघाट) तक मोटर मार्ग का चौड़ीकरण (कुल लम्बाई 35.600)।



MUCK POINT E



MUCK POINT F

(Signature)
 AE/ABE/Capt
 Offg Officer Commanding
 67 RCC (GRBF)

(Signature)
 आर.पू.ला

(Signature)
 11/11/21
 (मुह.प्रतिह्वामो)

(Signature)
 12/11/21
 वन क्षेत्राधिकारी
 अस्कोट
 (डा. किरण भार्गव)
 11/11/21

परियोजना विवरण :- जनपद पिथौरागढ़ में पिथौरागढ़ तवाघाट मोटर मार्ग के किमी 0 72.00 (ढुंगातोली/विनियागॉव) से किमी 0 107.600 (तवाघाट) तक मोटर मार्ग का चौड़ीकरण (कुल लम्बाई 35.600)।



MUCK POINT G



MUCK POINT H

Signature
AE/ACE/Capi
Officer Commanding
67 RCC (GRFP)

राजस्व उप निरीक्षक
क्षेत्र - धारचुला
तहसील - धारचुला
(सुन्दर सिंह धामनी)

Signature
12/11/21
(B.S. ALM/48)
वन क्षेत्राधिकारी
अस्कोट

(डा. किम धामनी)

परियोजना विवरण :- जनपद पिथौरागढ़ में पिथौरागढ़ तवाघाट मोटर मार्ग के किमी 0 72.00 (ढुंगातोली/विनियागाँव) से किमी 0 107.600 (तवाघाट) तक मोटर मार्ग का चौड़ीकरण (कुल लम्बाई 35.600)।



MUCK POINT I

Ankit
11/11/21
(ANKIT AGARWAL)
AE/AEE/Capt
Officer Commanding
67 RCC (GRBF)

(Signature)
तहसील - धारचूला

राजस्व निरीक्षक
क्षेत्र - *(Signature)*
तहसील - धारचूला

(Signature) 12/11/21
(B.S. ALM/4A)
वन क्षेत्राधिकारी
अस्कोट

(Signature) 12/11/21
प्रभागीय वन अधिकारी
पिथौरागढ़ वन प्रभाग
पिथौरागढ़