

TECHNICAL REPORT

Name of work :- A/A/A for const. of road from Khadwal to Bhatti Talab (L= 1.50 km).

Authority :- Works approved under State Plan.

History and Necessity :-

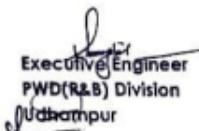
Road from Khadwal to Bhatti Talab take off from Mansar Barigarh road. This road connects village Bhatti Talab having a population of about 150 souls. The entire area is rich in agriculture production with the const. of this 1.50 km road, the above mentioned village/ Mohalla will be connected with Mansar and then with Dhar Udhampur road which will facilitate the public of the area to attend Majalta Head Quarter PHC Majalta & Distt. HQ Udhampur.

Proposals and Specifications :-

It has been proposed earth work in cutting. Const. of 1.0 mtr dia HPC. It has proposed to const. the pucca drain, R/ wall & B/ wall wherever required. 150 mm thick WBM G-II & 75 mm thick WBM G-III have been proposed for pavement.

Time and cost :-

The entire work shall cost of Rs. 95.16 lacs and the work shall be completed in 03 months subject to the availability of funds & materials well in time.

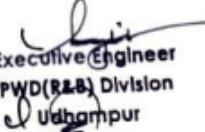

Executive Engineer
PWD(R&B) Division
Udhampur

ABSTRACT OF COST

Name of work: - A/A/A for const. of road from Khadwal to Bhatti Talab (L= 1.50 km)

S. no.	Particulars of Item	Unit	Rate	Qty.	Amount (in lacs)
1	Earth work in excavation		As per estimate enclosed		26.21
2	1.0 mtr dia HPC	No.	5.50	2.00	11.00
3	R/ wall	Rmt.	22798.00	50.00	11.40
4	B/ wall	Rmt.	14536.00	110.00	15.99
5	Pucca Drain	Rmt.	3140.00	100.00	3.14
6	150 mm thick WBM G-II 1.50x1000x3+10% for curves	Sqm	325.00	4950.00	16.09
7	75 mm thick WBM G-III 1.50x1000x3+10% for curves	Sqm	173.00	4950.00	8.56
				Total	92.39
				Add 3% for contingencies	2.77
				Grand Total	95.16
				Say Rs. 95.16 lacs	

So/ —
Asstt. Executive Engineer
PWD(R&B) Sub- Division
Majalta


Executive Engineer
PWD(R&B) Division
Udhampur

Detected estimate for construction of road
from Khadwal to Bhatti Talab length 1.5 km.
By way of earth work cutting incl. constr.
of Gacha dam

RD.	length	Area of cutting	T-A	M-A	Qty	Classification
0	-	2.46	-	-	-	all kinds
250	250	5.91	0.32	4.88	1046.25	soil 70%
500	250	4.86	10.22	5.30	1346.00	soil 30%
750	250	8.38	13.44	6.62	1655.00	soil 30%
1000	250	4.58	12.94	6.44	1417.50	rocks 30%
1	250	8.46	13.02	6.57	1627.50	(C) Hard
250	250	9.51	17.97	0.905	2846.25	rocks 10%
1	250	9.87	18.33	9.165	2241.25	
					9588.75 m ³	
					Total - 9588.75 m ³	

① Earth work in bulk excavation by
mechanical means over areas exceeding
30 cm in depth, 1.5 mts. in width
as well as 10' 8" m³ per cu. m.

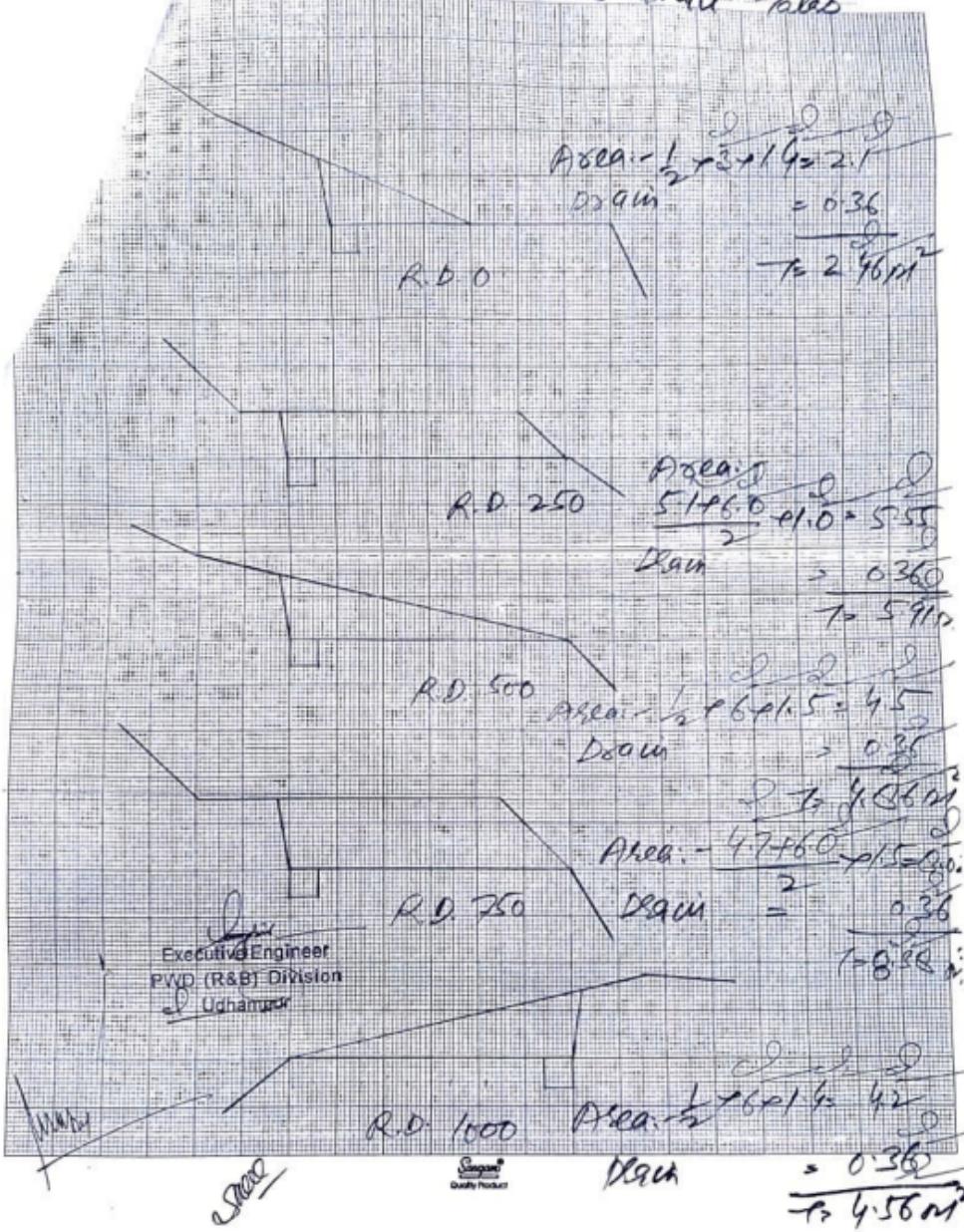
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588726.21 192274.76 m³

588726.21

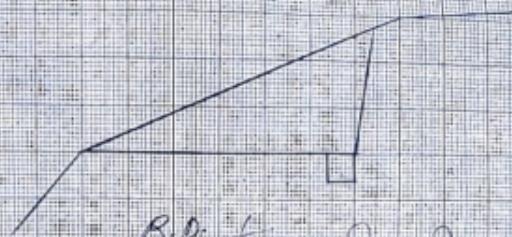
Executive Engineer
PWD (R&B) Division
Ushampur

Road from Khadwal to Bhatia Talab



Road from Khadwal to
Bhatti Talab.

B-61



$$\begin{aligned}
 R.D. &= \frac{1}{250} \cdot 9 = 0.036 \\
 \text{Area: } & \frac{1}{2} \cdot 6 \cdot 2.7 = 8.1 \\
 \text{Area in} & = \frac{0.36}{8.1} = 0.0444
 \end{aligned}$$



$$R.D \frac{1}{500} \quad \text{Area} - \frac{52970.0153}{2} \quad 9.15 \quad \text{Depth} = \frac{0.36}{T = 9.02}$$

Executive Engineer
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O Udaipur

 Sangam
Quality Products

John