

12/02/2021

Name of work -

Situation of work -

Agency by which work is executed -

Date of measurement -

No. and date of agreement

(These four lines should be repeated at the commencement of the measurements relating to each work.)

Particulars	Details of actual measurement			Contents of area
	No.	Length	Breadth	
Name of work -	construction of Road from canal Bridge to Khadon			
	Chanderbhai -			
Agency -	Sri Sharda Agency.			
Agreement No.	03/3 B.D./ M.M. Agency (Gen)			
	2020-21			
Date of commencement of work -	15-05-2020			
Date of completion of work -	18-02-2021			

included with

(i) Div and cleanup of working bank
Mark, Reference pillars. -
all complete job.

(ii) Bank mark pillars

1 No

(iii) Reference pillars

2 Nos

(2) cleanup and grubbing of Road
Land including uprooting of wild
Vegetation - all complete job.

$$2 \times 7 \times 100 \times 3.50 = 4900 \text{ m}^2$$

$$2 \times 1 \times 35 \times 3.50 = 245 \text{ m}^2$$

$$= 5145 \text{ m}^2$$

$$10000$$

$$= 0.5145 \text{ Hec.}$$

Continuation

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Construction of embankment with cross-sections obtained from borings					
1000 m ² well (approx) 1000 m ² at the end of the section					
St. No.	Ch. (m)	Top diam (m)	Bottom diam (m)	Dist from B.M.	Volume of emb. m ³
1	0	3.969	-	-	-
2	50	4.146	4.058	50.0	202.98
3	100	4.261	4.204	50.0	210.20
4	150	4.398	4.295	50.0	214.75
5	200	4.130	4.229	50.0	211.45
6	250	3.912	4.021	50.0	201.05
7	300	4.264	4.088	50.0	204.40
8	350	3.923	4.094	50.0	204.70
9	400	3.847	3.820	50.0	194.00
10	450	4.108	3.972	50.0	198.65
11	500	4.306	4.207	50.0	210.35
12	550	4.478	4.392	50.0	219.60
13	600	4.218	4.348	50.0	217.40
14	650	4.150	4.184	50.0	209.20
15	700	3.904	4.027	50.0	201.35
16	735	4.128	4.016	35.0	140.56
					= 2040.56 m ³
B.M. 1000 m ²					= 2910.00 m ³
Deduction for crush -					
(i) Subgrade -	2012.55 m ³				
(ii) G.C.D. -	607.26 m ³				
(iii) W.B.M. G.C.D. -	210.85 m ³				
					2830.66 m ³
F = 2830.66 m ³ (-)					
Continuation of Form No. 134					79.34 m ³

14/10/2020
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~~30/11/2024~~(1) Earth - 2097.89 m^3

cii) Stone aggregates - 544.15 m^3
 ciii) 479 m³

479 g/m³

260 634

(iii) $\text{Conc. sol} = \frac{253.17 \text{ m}^3}{24.5 \text{ m}^3} = 257.22 \text{ m}^3$
 $\text{or } 116.83 \text{ m}^3$

11.5.92 m. 2

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(iv) $\sigma_{me}/a = 255.13 \text{ } \mu\text{B}$
 $\sigma_{\text{eff}} = 458.22 \text{ } \mu\text{B}$

$$L_2 = 458,22 \text{ m}^2$$

$P_2 = 12956.10$

(V) Seres-y enabrial. 50 60 m³
c/a 348.32/m³

$c_k = 348.52 \text{ /m}^3$

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(vi) Stone chips - 48.65 m³
R_s 550 25/m³

$$R_2 = 550 \text{ } \Omega$$

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(vii) constant = 18.42 m/s

20/10/20