

Agency - Sri Omkar Nath Singh

Kappa Kumbha Mithi Sami Balu Lal,

M.K.B.S.Y

DR. P. W. D.

E.E. R.V.D. Work Arrangement Division

Assistant Engineer R.V.D. S.I.D. Division

Work Sub-Div. Kuttumba

REASONABLE BOOK.

2598

Certified that this M.B. Contain
100 (one hundred) Page by printers
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Babam ram A.E R.W.D WORK SUB-
DIV - KUTUMBA

[Signature]
10/7/20
Executive Engineer
Road Works Deptt. at
Works Division Aurangabad

Schedule XLV - Form No. 134.

E.E R.W.D A-BAD DIVISION.

Assistant Engineer SUB-DIVISION.

R.W.D Work Sub-Div - Kutumba

MEASUREMENT BOOK.

211331

2598

Name of officer Sri Babam ram. A.E

R.W.D Work Sub-Div - Kutu

Date of form given _____

Date of book given _____

Particulars	Details of actual measurement				Contents of area	
	No.	L	B	D		
		3rd on A/C Bul				
name of work -		Constructing Road from				
		Matka Kuteraba Road				
		Simari Bala Road up				
		head M.M.G.S.Y				
agency -		Shri Onkar Nath Singh				
agreement No -						
agreement value -						
date of work start -						
date of Completion -						
rate -		1 ft. bal ru				

Measurement

- ①/ Constructing of embankment
- d - material obtained
from borrow pit - d - RI
by as per Calculation Chart

S.No.	Height in m	Fill area in m ²	Mean Area in m ²	Width in m	Volume in m ³
1	0	0.452			
2	50	0.490	0.471	50	23.550 m ³
3	100	0.355	0.423	50	21.125 "
4	150	0.834	0.595	50	29.725 "
5	200	0.850	0.842	50	42.100 "
6	250	0.765	0.808	50	40.375 "
7	300	0.368	0.567	50	28.325 "
8	350	0.314	0.341	50	17.050 "
9	400	0.293	0.304	50	15.175 "

Continuation

Co

217.425 m³

Sch. XLV-Form No. 134

S. No	Particulars		Details of actual measurement				Contents of area
	Change in M	Fill Area M ²	No.	L	B	D	
	in M	in M ²		in	M ²	length in M	Volume in M ³
							GP 217.425 M ³
10	450	0.855		0.574		50	28.700 "
11	500	0.673		0.764		50	38.20 "
12	550	0.816		0.745		50	37.225 "
13	600	0.314		0.565		50	28.250 "
14	650	0.332		0.323		50	16.150 "
15	700	0.512		0.422		50	21.100 "
16	750	0.595		0.554		50	27.675 M ³
17	800	0.685		0.640		50	32.000 "
18	850	0.916		0.801		50	40.025 "
19	900	0.966		0.941		50	47.050
20	950	0.905		0.936		50	46.775 M ³
21	1000	0.695		0.800		50	40.000 "
22	1050	0.423		0.559		50	27.950 M ³
23	1100	0.458		0.441		50	22.025 M ³
24	1150	0.334		0.336		50	19.80 "
25	1200	0.390		0.332		50	18.10 "
26	1250	0.333		0.362		50	18.075 ^
27	1300	0.304		0.319		50	15.925 "
28	1350	0.517		0.411		50	20.525 "
29	1400	0.304		0.411		50	20.525 "
30	1450	0.306		0.305		50	15.250 "
31	1500	0.307		0.307		50	15.325 "
32	1550	0.292		0.301		50	15.050 "
33	1600	0.610		0.453		50	22.625 "
34	1650	0.432		0.524		50	26.175 "
35	1700	0.684		0.561		50	28.025 "
36	1750	0.566		0.625		50	31.250 M ³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
S.N	Chaining	Fill area in m ²	Mean Area in m ²	Length	Volume in m ³
37	1800	0.334	0.450	50	22.50 "
38	1850	0.599	0.467	50	23.325 "
39	1900	0.317	0.458	50	22.900 "
40	1950	0.326	0.347	50	17.325 "
41	2000	0.308	0.342	50	17.100 "
42	2050	0.664	0.486	50	24.300 "
43	2100	0.513	0.589	50	29.425 "
44	2150	0.452	0.483	50	24.125 "
45	2200	0.341	0.397	50	19.825 "
46	2250	0.580	0.461	50	23.025 "
47	2300	0.447	0.514	50	25.675 "
48	2350	0.950	0.699	50	34.925 "
49	2400	0.631	0.791	50	39.525 m
50	2450	0.340	0.486	50	24.275 m ³
51	2500	0.620	0.480	50	24.000 "
52	2550	0.615	0.618	50	30.875 "
53	2600	0.580	0.598	50	29.875 "
54	2650	0.350	0.465	50	23.25 "
					1393.45 m ³

②/ Bridging Construction Subgrade

and earthen shoulder - do

Length to 1 room - do & 1

$$1 \times 33 \times 30 \text{ m} \times 7.276 (\text{av}) \times 0.30 \text{ m} = 2159.19 \text{ m}^3$$

$$1 \times 33 \times 30 \text{ m} \times 7.276 (\text{av}) \times 0.30 \text{ m} (\text{av}) = 2159.19 \text{ m}^3$$

$$4318.38 \text{ m}^3$$

DR
Ttd 02/10/21
JC

DR
Ttd 02/10/21
JC

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
<u>3rd on H.C. B.M.</u>					
<u>Abstract of Cost</u>					
①/3 clearing and grubbing					
Road Land - d - R.I.					
Hydride T.M.B. Pg. No (6)					
= 1.87 hectare					
@ 51.133 = 76/hec - R-95620 =					
②/ Dismantling of					
Existing structure of					
lick Culvert - d - R.I.					
Hydride T.M.B. Pg. No (6)					
= 3.00 m ²					
@ 484 = 70/m ² - R-14540					
③/ Dismantling of					
Existing structure of					
Culvert - d - R.I.					
Hydride T.M.B. Pg. No (6)					
= 86.65 m ²					
@ 231 = 77/m ² - R-20083 =					
④/4 Construction of embankment					
with material obtained from					
borrow pit - d -					
Lead up to 100m - d - R.I.					
Hydride T.M.B. Pg. No (12)					
= 1393.45 m ³					
@ 131 = 03/m ³ - R-1,82,584 =					
⑤ Construction of Subgrade					
and earth shoulder					
Lead d. - d - 100m R.I.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Qty of T.M.B. for (12)					
=	4318	38	m ²		
@ 176 = 58/m ² R-7	62540200				
⑤/- Removal of all type					
of terrace pipe - d-					
600mm dia - d- R.I					
Qty of T.M.B. for (2)					
37.50m @ 174 = 78/m - R-6554 = 0					
2/24					
2/24 Finishing and laying					
of R.C.C. Slab of 300mm					
dia - d- for ingates					
finishes - d- d- R.I					
Qty of T.M.B. for (8)					
= 80.00 m					
@ 902 = 46/m - R-7219720					
8/25 Qty of excavator for					
foundation structure					
- d- d- R.I					
Qty of T.M.B. for (7)					
= 208.59 m ³					
@ 269 = 32/m ³ R-56177200					
9/26 Finishing R.C.C. M15					
infrastructure - d- R.I					
Qty of T.M.B. for (2)					
= 32.16 m ³					
@ 5031 = 48/m ³ R-16181200					
10/27 Finishing R.C.C. M20					
sub-structure - d-					
- d- d- R.I					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Qty of T.M.B. Rs. 7					
= 236.19 m ²					
① 58.24 = 16/m ² - R. 1375608 =					
②/28 Laidley and laying					
R.C.C. Pipe N.B. 3/4"					
Culverts - do - 245					
Qty of T.M.B. Rs. 7					
= 52.50 m					
③ 3786 = 15/m - R. 198773 =					
④/14 Laidley and laying					
Typical M.M.G.S.Y.					
Informatory signboard					
With Logo - do -					
- do - 245					
Qty of T.M.B. Rs. 8					
= 2 Nos					
⑤ 9307 = 20/cent - R. 18614 =					
Total R. 2952016 =					
Add Laidley 1/2 G.S.T. - 12% - R. 383762 =					
Total R. 3335778 =					
Less 1st. Assn. Amount - R. 3,33578 =					
N.R. 3002,200 =					
Less 2nd. Assn. Amount - R. 1171500 =					
N.R. 1830700 =					
Qty of T.M.B. Rs. 9					
10.2/21					
10.2/21					
17/2/21					

Continuation