

Dilip Kh (Satwat)

Bela 19.11.2014 (S.C)

School to XV - Thane City

Rs 10.00

DR. P. W. D.

E. E. R. V. D. W. W. D. - Agri. Sub. - DIVISION

- Assistant Engineer - R. V. D. - S. D. DIVISION

W. W. D. Sub - Division - Madambur

25.11.2014. D. D. D.

2513

Certified that this M.D. written in
(one hundred) pages by Printers Machine-
and issued to Sri Babag Ram A.E.R.W.
Wang Sub-Division - Madambur.

5/12/19
Executive Engineer

Rural Works Division, at

Wang Division, Aurangabad

5/12/19

Schedule XLV - Form No. 134.

E.E. Aurangabad DIVISION.

A.E. Madambur SUB-DIVISION.

MEASUREMENT BOOK 2513

511165

Name of officer Sri Babag Ram A.E.R.W.

Wang Sub-Division - Madambur.

Date of first entry _____

Date of last entry _____

विहारी नारायण सिंह, राज :

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Stn 5/6					
kilometre stone -					
(iv) crossing km stone - 265					
(v) 200m stone - 614					
Stn (17)					
Pile + bare logs					
en form - 819m					
base - 9215					
Stn (18)					
Priah gap					
hole lake -					
					13218
Stn (19)					
Boundary Pile -					
					2418
Stn (20)					
Retro reflector					
traffic sign - the					
chip - do -					
600mm Δ - 1414					
small 600mm $\square$ - 4					
600 X 150mm $\square$ - 414					

16/02/2019
da

Continuation
16/02/2019

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
94m (35) Pl. Floor					
Cement concrete (1:1:4)					
Substructure -					
do -					
$2 \times 8.0m \times 4.0m \times 0.60 = 3.84m^3$					
96m (42) Plaster Ceiling					
Plaster ceiling					
Compound -					
do -					
$2 \times 6.0m \times 12.0m = 144.0m^2$					
96m (45) Painting on					
Partitions wall.					
do -					
$2 \times 8.0m \times 6.0m + 0.40 \times 0.60$					
$= 25.60m^2$					
$2 \times 8 \times 0.40 \times 0.60 = 0.96m^2$					
$26.56m^2$					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
gcm (45) Pk 2 key p of 250mm dia bore, clear do — by $4 \times 2.5 = 60 \text{ metre}$					
gcm (46) Draining of pump structure — cement concrete — 0.75m ³					
Reinforced concrete — 1.68m ³					
gcm (47) Draining of structure — do — Cement mortar — 24.75m ³					
gcm (48) subgrade & earth structure do — $2 \times (291 + 479) \times 1.182 \times 0.075 = 136.52 \text{ m}^3$ $2 \times (291 + 479) \times 1.388 \times 0.20 = 427.50 \text{ m}^3$ $2 \times (444.72 + 104 + 80) \times 0.275 \times (0.160 + 0.075 + 0.10) = 175.88 \text{ m}^3$ 739.90m ³					
10/02/2021 10/02/2021					

Continuation

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134				Contents of area
Particulars	Details of actual measurement			
	No.	By	D	
Executive Engineer				
Rural Works Division, nt				
Works Division, Aurangabad				
Earthwork calculation				
Ch- m	Area m ²	Mean Area m ²	Dist- ance m	Volume m ³
000				
00	6.776	—	—	—
50	8.359	7.668	50	383.255 ³
100	5.991	7.275	50	362.750
150	7.459	6.725	50	336.250
200	6.621	7.065	50	352.250
250	8.209	7.440	50	372.000
300	5.383	7.237	50	388.550
350	6.710	7.022	50	351.075
400	3.250	6.980	50	249.000
450	3.510	3.380	50	169.000
500	3.300	3.445	50	170.250
550	3.602	3.451	50	172.500
600	3.650	3.636	50	181.300
650	4.050	3.380	50	192.500
700	3.520	3.770	50	189.500
729	3.265	3.398	29	98.528
729	4.389	—	—	—
750	2.966	3.765	21	78.950
800	2.950	2.955	50	147.750
840	3.676	3.320	40	132.800
840	4.510	—	—	—
850	2.845	3.678	10	36.775
900	2.760	2.903	50	145.125

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
<u>4th Floor Cell</u>					
<u>Abstract of G.S.T</u>					
① Paved Floor & surrounding					
Dimensions - do -					
Working Dimensions -					
vide Table (22) 216					
of 433 S. 17 cants					8671.20
Reference P.L. -					
vide Table (23) 516					
of 1970.20 cants					9851.20
② Clearings & cutting					
road level - do -					
vide Table (24) 0.98 Hect					
vide - (40) 0.04 Hect					
1.03 Hect					
of 49174.9 Hect					
Hect 50650.20					
③ Box cutting & the cavity					
for road cutting - do -					
vide Table (25) 34.13 Hect					
vide - (41) 4.825 Hect					
40.955 Hect					
40.96 Hect					
of 76 1917 Hect					3121.20

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
④ Construction of embankment with material obtained from Roadway cut					
do —					
					$0.60 \times 40.96 = 24.58 \text{ m}^3$
					24.57 / 1.38 = 658.20
⑤ Construction of embankment with approved material					
do —					
and 100m					
vide map (51) 162.64 m ³					
					21.131.21 / 1.38 = 217533.20
⑥ Construction of embankment with approved material					
do —					
vide map (51) 22.63.20 m ³					
					21.179.101 / 1.38 = 405329.20
⑦ Construction of drainage					
and 100m					
do —					
vide map (34) 1567.5 m ³					
vide — (49) 739.90 m ³					
					2307.40 m ³
					2303.74 m ³
					21.181.30 / 1.38 = 417668.20

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑧ sub- construction of gravel 145 base by providing surface do					
wide trap ③⑨				684.86 m ³	
wide — ④①				29.34 m ³	
				714.20 m ³	
				2099.94 m ³	1499.77720
⑨ LBM III - P10, laying 3 spreading 2 Compaction Stone Aggregate do — see complete JOS 95					
wide trap ④①				405.00 m ³	
wide — ④②				18.79 m ³	
				423.79 m ³	
				421.70 m ³	
				2947.69 m ³	124388420
⑩ Prim coat - P102 applying primer coat — do —					
wide trap ④②				2945.25 m ²	
				48.32 m ³	14231420
⑪ Tack coat - P102 applying tack coat with bitumen 4/100 (551) do					
wide trap ④③				2945.25 m ²	
				15.16 m ³	4759520

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(12) mix seal surfacing Type B - P.W., rolling and rolling of chise gravel premix surfacing mixture - do - vide Map (13) 2945.25m ² calc 186.54 / 0.28 549407 = 6					
(13) c/c - construction Plain cement concrete Pavement, thickness 5 1/8 inch - do - vide Map (14) 428.40m ² calc 6385.96 / 0.28 2735720 = 6					
14/15/16 - Kilometre Stone (i) ordinary km stone vide Map (15) 2 nos calc 2195.50 / 0.28 439126					
(ii) 200kg stone - vide Map (15) 6 nos calc 637.21 / 0.28 3823 = 6					
15/17 - P.W. 2 drop C/S 20 km stone Sign board - do - vide Map (14) - 2 nos vide - (15) 2 nos calc 99.46 / 0.28 39787 = 6					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
18/18- Printing 1 no letts & figures do —					
wide timber (45) 122 no					
eg 0.52 each 6920					
18/19- Boundary Pillar					
wide timber (45) 2 nos					
eg 52.42 each 12538=0					
18/20- Retro-reflective Traffic Signs —					
600 mm Δ —					
wide timber (45) 14 nos					
eg 4011.48 each 56160=0					
800 x 600 mm $\square$ —					
wide timber (45) 4 nos					
eg 7677.98 each 30712=0					
600 mm x 450 mm $\square$					
wide timber (45) 4 nos					
eg 5601.55 each 21206=0					
900 mm octagonal					
wide timber (46) 2 nos					
eg 9850.73 each 19701=0					
19/21- Road marking with Red Adhesive Thermo- Plastic Compound —					
wide timber (46) 154.05 m ²					
eg 850.9112 m ² 131040=0					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
20/22 Road widening work					
Rec-Appeal					
Therapeutic					
Compartment					
do					
vide map (16)				140 m ²	
or 953.79 m ²					133521 = 4
21/23 Planting of tree					
by the road side					
do					1
vide map (17)				77 m ²	
or 743.55 m ²					57253 = 0
22/24 E/W in excavation					
in foundation					1
do					
vide map (34)				15.60 m ³	
or 282.42 m ³					4423 = 0
23/25 Pls M/S as levelling					
course in foundation					
do					
vide map (35)				2.85 m ³	
or 5252.89 m ³					14971 = 0
24/26 Pls Plain Cement					
work in structure					
do					
vide map (38)				15.17 m ³	
or 6166.64 m ³					93549 = 0

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
25/27 Plastering Rcc					
NPB pipe 1/8 culvert					
— do —					
vide map (35) 7.5 metre					
vol 1148.46 $\frac{1}{100} \frac{1}{100}$ cu					8613 cu
26/28 - Painting on					
parapets wall					
— do —					
vide map (47) 12.48 $\frac{2}{100}$					
vol 168.55 $\frac{2}{100} \frac{1}{100}$ cu					13542 cu
27/29 - Plastering division					
in foundation					
— do —					
vide map (35) 29.80 $\frac{3}{100}$					
vol 282.43 $\frac{3}{100} \frac{1}{100}$ cu					8416 cu
28/30 - The 15 ft 1 culvert					
course — do —					
vide map (35) 4.60 $\frac{3}{100}$					
vol 552.88 $\frac{3}{100} \frac{1}{100}$ cu					24163 cu
29/31 - Plastering concrete					
in structure					
— do —					
vide map (36) 33.74 $\frac{3}{100}$					
vol 466.68 $\frac{3}{100} \frac{1}{100}$ cu					208064 cu

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
30/32 - Plaster and lathing Recess for curvest do — vide Table 26 7.50250 of 42.94.84 ps 1041 re 3 32211 = 40					
31/33 - Painting on plaster wall do — vide Table 26 20.640 ² of 108.50 ps ² 2239 = 40					
32/34 - Elevation calculation do — vide Table 26 74.320 ³ of 282.43/10 ps 20990 = 40					
33/35 - Sand filling in foundation — do — vide Table 26 101 ps ³ of 484.96/10 ps 490 = 40					
34/36 - Plaster Plain Cement Concrete in open foundation do — vide Table 26 10.990 ³ of 5252.89/10 ps 57729 = 40					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
35/37- Plu Pce M ₁₅ Plcn					
Cement concrete in					
Upn foundation					
— do —					
Volume (37) 47.22 m ³					
at 52.52.87/88 24804/20					
36/38- Plu Plcn Cement					
Concrete in					
Substructure -					
— do —					
Complete 105.58					
less 10.00					
Volume (38) 22.49 m ³					
at 56.81.38/39 12891/20					
37/39- Plu Plcn Cement					
Concrete (102.20) in					
Sub structure -					
— do —					
Volume (37) 2.83 m ³					
Volume (43) 3.84 m ³					
6.67 m ³					
at 61.66.68/69 41132=0					
38/40- Rectangular Deck					
— do —					
Volume (37) 3.09 m ³					
at 73.94.47/48 27286=0					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
39/41 - S/F rpsd bar reinforcement —do— width 27' 0.49m rps 77313.18 pmt 37883=60					
40/42 - Placed Felling sealing compound —do— width 13' 12.0 metre rps 38.87 pmt 466=60					
41/43 - Placed Ribs in brick masonry —do— width 38' 24m rps 131.91 pmt 3166=60					
42/45 - Painting on plaster —do— width 43' 26.56m rps 108.50 pmt 2882=60					
43/46 - Placed Laying 300mm deep —do— width 42' 60 metre rps 1001.21 pmt 60073=60					

Continuation

