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To Sri. Baban RamA.E.- R.W.D
Work Sub-Div. Kutchumbha

10/7/20
Executive Engineer
Rural Works Division, m
Works Division, Aurangabad
10/7/20

Schedule XLV - Form No. 134.

EE Akul DIVISION.

AE Kutchumbha SUB-DIVISION.

MEASUREMENT BOOK.

231496

2741

Name of officer

Sri Baban Ram, AE
Kutchumbha

Date of first entry

Date of last entry

विहार गणसंघ के, पत्र :

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

④/6 Construction of embankment

for from borrow pits - d. 241

Height for Calculation Check

S. No	Change	Fill in	area in	Mean Area in	Length in	Volume in m ³
1	0	1.357				
2	50	2.03	1.696	50	84.775	
3	100	2.22	2.119	50	105.925	
4	150	2.297	2.250	50	112.50	
5	200	1.895	2.098	50	95.850	
6	250	1.939	1.917	50	95.850	
7	300	1.869	1.904	50	95.200	
8	350	1.644	1.757	50	87.825	
9	400	1.713	1.679	50	83.925	
10	450	0.83	1.273	50	63.650	

11	500	1.901	1.367	50	68.35
12	550	1.60	1.751	50	87.525
13	600	1.171	1.386	50	69.275
14	650	1.52	1.346	50	67.275
15	700	1.559	1.540	50	76.975
16	750	1.338	1.449	50	72.425
17	800	1.616	1.477	50	73.850 m ³
18	850	1.402	1.509	50	75.450 m ³
19	900	1.037	1.220	50	60.975 m ³
20	950	1.214	1.126	50	56.275 m ³
21	1000	1.14	1.177	50	58.850 m ³
22	1050	0.832	1.016	50	50.800 m ³
23	1100	1.269	1.081	50	54.025 m ³
24	1150	1.154	1.212	50	60.575 m ³
25	1200	1.126	1.140	50	57.00 m ³
26	1210	1.314	Continuation 2	10	12.22

① lead up to 1000m - 936.50 m³
 ② lead up to 100m - 899.78 m³

Total - 1836.28 m³

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑤/8 Construction of Sub-grade earthen Shoulder					41
	1x	13x30m	7.276m (av)	0.30m (av)	
					$\frac{851.29 \text{ m}^3}{873.12 \text{ m}^3}$
	1x	1x	10.0m	7.276m (av)	21.83 m ³
				x 0.30m	
					873.12 m ³
⑥/15 Widely and heavily tying M.M. G.S.Y-d. improving Sign Board					
	1x	2			2 Nos

Measurement

⑦/10 Construction of granular Sub base (G.S.B 95-1)					
Bit. Section ① - do Compaction - d. 41					
Widering Put	2x	10x30m	0.525m	0.10m	31.50 m ³
for over lay	1x	13x30m	4.050	0.10m	12.50 "
Earthwork Put	1x	39x30m	4.05m	0.20m	315.90 m ³
	1x	1x10m	4.05m	0.20m	8.10 m ³
					① 477.00 m ³
⑧ in Profile Correction					
	1x	9.0m	1.80m		16.20 m ²
	1x	8.5	1.75		14.87 "
	1x	10.78	1.85		19.94 "
	2x	7.0	2.00		28.00 "
	1x	11.5	1.67		18.62 "

Continuation

6

97.63 m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement.				Contents of area
	No.	L	B	D	
			B.P. Qty		97.63 m ³
	1x	9.85m	1.60		= 15.76 "
	2x	6.0x	2.00		= 24.00 "
	1x	12.5x	1.95		= 24.08 "
	1x	13.25x	1.70		= 22.52 "
	1x	10.87x	1.80		= 20.10 "
	2x	8.0x	2.0		= 32.00 "
	1x	11.88x	1.58		= 18.80 m ³
	2x	7.0m	2.0m		= 28.00 "
	2x	5.0	1.50m		= 15.00
	2x	1.52m	1.50m		= 4.50
					302.39 m ²
Volume =	302.39	10m			30.239 m ³

(B)

(C) In c.c. for cement footing

In earthen footing	1x	7x30m	3.75m	0.10m	= 78.75 m ³
In kidney	2x	10x30x	0.375x	0.10m	= 22.50 "

(C) 101.25 m²

Total G.S.D. work done = (A) + (B) + (C)

$$477.00 + 30.239 + 101.25 \text{ m}^3 = 608.48 \text{ m}^3$$

(2/1) Gravelly layer

8/2 mdy and compdy

-d W.B.M. g/s (3) - 2 I

$$1 \times 23 \times 30 \text{ m} \times 3.75 \text{ m} \times 0.075 \text{ m} = 194.06 \text{ m}^3$$

$$1 \times 1 \times 10 \text{ m} \times 3.75 \text{ m} \times 0.075 \text{ m} = 2.81 \text{ m}^3$$

$$1 \times 7 \times 30 \text{ m} \times 3.75 \text{ m} \times 0.075 = 196.87 \text{ m}^3$$

$$2 \times 10 \times 30 \text{ m} \times 0.375 \times 0.075 = 16.87$$

Continuation

$$272.80 \text{ m}^3$$

Sch. XLV-Form No. 154					Contents of area
Particulars	Details of actual measurement				
	No.	L	B	D	
<u>Measurement</u>					
Q1 12 Finishing and laying of flooring Track coat - d - RTI					
		1x23x30m	3.75m		= 2587.50m ²
		4x1x10m	3.75m		= 37.50m ²
					2625.00m ²

22/02/2021
TJ 3.2

22.2.21
AE

<u>Measurement</u>					
①/13	Finishing and applying Track coat with Bitum Emulsion (R.S.) - d - RTI				

$$1 \times 23 \times 30 \text{ m} \times 3.75 \text{ m} = 2587.50 \text{ m}^2$$

$$4 \times 1 \times 10 \text{ m} \times 3.75 \text{ m} = 37.50 \text{ m}^2$$

$$2625.00 \text{ m}^2$$

②/14 Finishing laying
and rolling - d -
Premix Sanding
Material - d - RTI

Qty same as in ①/13

$$T.M.B \text{ Rs } 105 = 2625.00 \text{ m}^2$$

③/15 Finishing plaster
Grout for wall - d - RTI

$$1 \times 7 \times 30 \text{ m} \times 3.75 \text{ m} \times 0.16 \text{ m} = 126.00 \text{ m}^3$$

Cost of 600 mm wall

H of Culvert

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L	B	D
④ E/W in excavations for				
31 foundation - do - 141				
H.W.	2x2x3.90m	1.15m	0.15m	26.91m ³
	2x1x5.35x	1.130	0.365	4.41m ³
				31.32m ³
⑤ Finishing M 15 P.C.C. -				
32 - d. lathy concrete - 121				
H.W.	2x2x3.50m	1.15m	0.15m	2.69m ³
Below Pipe	2x1x5.31x	1.130	0.25m	3.00m ³
				5.69m ³
⑥/33 Finishing Plaster				
Common - M 20 in sub				
Structure Complete - 121				

H.W.	2x2x3.6x0.78			
	2x2x3.6x0.70x2.78m			28.02m ³
Left wall	2x2x3.6x0.40x0.60m			3.46m ³
				31.48m ³
Left side pipe	2x2x0.786x0.83x0.574			1.24m ³
				30.24m ³

⑦/34 Finishing and lathy				
R.C.C. Pipe M 15 concrete				
Pipe for Culvert - d. 141				
	2x3x2.50m			15.00m

⑧/36 E/W in excavations for				
Foundation - d. 141				
H.W.	2x2x6.45x1.40x1.60m			57.78m ³
Below Pipe	1x4.850x1.53x0.365			27.08m ³

Continuation

56.888m³
60.45m³
Total 59.60m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑨/37 Finishing floor - Missed in floor plan - d-1211					
H.W - 2x2		6.45	1.4	0.15	= 5.418 M ³
Belcrofit - 2x1x4.95		1.6	0.25		= 3.909 M ³
					8.127 M ³
					9.31
					24.9.2 M ³
⑩/38 Finishing floor - concrete - in					
H.W sub-structure - d-1211					
H.W 2x2x6.15		0.825	3.18		= 64.54 M ³
Roof 2x2x6.15		0.40	0.60		= 5.90 M ³
					70.44
W.B.M. 2x2x0.785		1.25	0.622		= 2.95 M ³

= 67.48 M³

⑪/39 Finishing and laying					
Rice pike 118g of this room					
For Culvert - d-1211					
2x3x2.50m					= 7.50 M ³

⑫/19 Finishing and laying					
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typical MM 4x4 Band -

1x2 = 2 M³

⑬/5 Finishing earthen					
Structure - d-1211					

1m 1/2					
G.S.B 2x23x30m		1.388	0.20m		= 383.09 M ³
2x1x30m		1.388	0.20m		= 16.656

G.S.B in p.c.c		2x17x30m	0.375	0.10m	= 38.25 "
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W.B.M. 3 in BT		2x23x30m	1.182	0.07	= 18.837 "
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2x1x10 continuation 2x0.075 = 1.770 "

W.B.M. p.c.c		2x17x30m	0.375	0.07	= 28.69
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B.W for 100 m

487.30 M³
33.11
454.19 M³

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(14) 1 Finisley & fixing of working B.M. Pillars					
2 Nos					
(15) 36 Finisley & laying of a R.C.C. Pipe - d					
300mm dia - d R/F					
4 x 2.5m = 10.00m					
15/02/2021					
J. E					

1st on A.C. Bill					
Abstract of cost					
(1) Working B.M. Pillars - d					
Qty vide T.M.B.R. No. (8)					
= 2 Nos					
@ 4009 = 38/each R - 8019 =					
(3) Finisley clung and					
Graveling road level R/F					
Qty vide T.M.B.R. No. (1)					
= 0.85 each					
@ 51133 = 76/each R - 43464 =					
(4) Finisley ex center					
- d Road survey					
Cultry Bx cultry - R/F					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Qty of T.M.B. ①					
= 54 m ³					
@ 74 = 16/m ³ - R- 4005 = 0					
⑤ Construction of embankment					
- do borrow pit					
- do - do 815					
Qty of T.M.B. ②					
Load up to 100m (100m)					
899.78 m ³ 936.50 m ³ R- 117898 = 0					
@ 131 = 03/m ³ - R- 122710 = 0					
⑥ Construction of embankment					
- do - do 815					
S'k - do - 815					
Qty of T.M.B. ①					
= 32.40 m ³					
@ 26 = 11/m ³ - R- 846 = 0					
⑦ Construction of embankment					
- do borrow pit - do					
Qty of T.M.B. No. ②					
Load up to 100m					
= 936.50 m ³					
@ 174 = 54/m ³ - R- 163831 = 0					
⑧ Construction of embankment					
- do - do 815					
Qty of T.M.B. ③ 873.12 m ³					
Load up 100m 35.11 m ³					
908.23 m ³					
@ 141 = 17/m ³ - R- 127932 = 0					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Q48 Constructing sub grd earthwork - d level up to 1000m					
Qty in T.M. of (7)					
= 454.19 M ³					
@ 176 = 58/M ³ - R					80201 = 0
(10) Finley - d - G.S.B gl-1-d-B.I					
Qty in T.M. B.R. (4)					
608.48 M ³					
@ 2714 = 95/M ³ -					1651992 = 0
(11) Finley - d -					
W.B.M gl-3-d-B.I					
Qty in T.M. B.R. (4)					
= 272.802 M ³					
@ 3851 = 98/M ³ - R					1050828 = 0
(12) 1/5 Finley floor ceiling concrete form - d - B.I					
Qty in T.M. B.R. (5)					128 M ³
@ 654234/M ³ - R					8,32147 = 0
(13) 1/31 Q.W in expansion finley - d - B.I					
Qty in T.M. B.R. (6)					
= 31.32 M ³					
@ 263 = 38/M ³ - R					8435 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(14)/32 Finishing floor MIX (1:2:5) - d-245 Qty of T.M.B.R. No (6) = 5.69 M ³					
(14) 5083 = 62/M ³ - R-28925 =					
(15)/33 Finishing floor Cement Concrete M20 in Substructure d-245 Qty of T.M.B.R. No (6) = 30.24 M ³					
(15) 5880 = 05/M ³ - R-178401 =					
(16)/34 Finishing floor R.C. floor M20 of ground Substructure d-245 Qty of T.M.B.R. No (6) = 15.00 M ³					
(16) 1038.67/M ³ - R-15580 =					
(17)/36 B.W. in exch for floor d-245 Qty of T.M.B.R. No (6) = 50.600 M ³ = 269 = 32/M ³ - R-16051 =					
(18)/37 Finishing floor and in floor d-245 Qty of T.M.B.R. No (7) = 9.20 M ³					
(18) 5083 = 62/M ³ - R-46769 =					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(19)/38 & 1/2 day plan					
Comp. Cornub M20					
M. Sub - Shm - d - B.I.					
Qty. of T.M.B.B.N. (2)					
= 67.48 m ³					
① 5880 = 0.5 m ³ R					396786 = 0
(20)/39 & 1/2 day plan					
Rice Pipe M.B. of					
1000 m in for H.P.					
Culm - d - B.I.					
Qty. of T.M.B.B.N. (2)					15.0 m 7.50 m
① 3807 = 35 m R					57111 = 0
(21)/30 & 1/2 day plan					
of Rice Pipe of 300 m					
culm - d - B.I.					
Qty. of T.M.B.B.N. (8)					
= 10.00 m					
① 906 = 0.1 m -					9060 = 0
(22)/13 & 1/2 day plan					
of T.M.B.B.N. M.M. G. 4					
Interm. of B. and					
- d - B.I.					
Qty. of T.M.B.B.N. (3)					
= 2 M.B.					
① 9320 = 34 each R					18641 = 0
					Tot. R 4856923 = 0
60					

Continuation

13

Sch. XLV-Form NO. 134				Contents of area
Particulars	Details of actual measurement			
	No.	L	B	D
			B.F-B-	4856923=
Add 1st chance 2	12-1	GST @ R-631140=		
		R-	5488063=	
less 1st Assn Agmt		E/R	548806=	
		N/R	4939257=	
Dr		Am		
19/02/2021		22.2.21		
F E		A E		
		C/D		
		Ved Singh		
		24/2/21		