

Agency - Saurabh Singh

Nahar Pith Rd to Tanti Bigha

Schedule XIV - Form No. 13A

Mr. M. W. S. Y.

BHAR P. W. D.

1. C. R. W. D. - Ayrengabad.

DIVISION

2. C. R. W. D. - Fudamba.

SUB-DIVISION

~~MAHARAJA ROAD~~

Nahar Pith Road to Tanti Bigha

2732

Certified That This M.B. Contain (100)
Pages By Printers Machine And issued
To Sri..... Babam RamA.E.-R.W.D
Work Sub-Div..... Kutumba.....

Y. K. Kishan
10/7/20
Executive Engineer
Rural Works Division, nt
Works Division, Aurangabad
[Signature]
10/7/20

Schedule KLV - Form No. 134.

E.E. A. E. A. E.

DIVISION.

A.E. Kutumba.

SUB-DIVISION.

MEASUREMENT BOOK.

2732

211202

Sri Babam Ram A.E. Kutumba.

Date of entry

Use of the entry

निहा. गवर्नर हेतु. गण ।

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.	L.	B.	D.	
	1st	on	1/2	200	
Name of work -	Nahar Pith Road to				
	Tinkli Bigha under				
	Head M M G. S. Y				
Agency -	Saurabh Singh, village				
	Karma, Basantpur Arongabad.				
Agreement No -	BD/2020-21				
Agreement value -	Rs 26,56,207=00				
Date of Completion	08/06/2020				
Date of Completion	07/03/2021				

Measurement					
①/3	Bundling clearing road				
	Growthy Road cleared				
	— d — d — 21				
2x	6x	30m	3.5m (av)	= 1260.00 m ²	
2x	1x	20m	3.5m (av)	= 140.00 "	
2x	8x	30m	3.0m (av)	= 1440.00 "	
2x	1x	10m	3.0m (av)	60.	
				2900.00 m ²	
				= 0.29 hectare	
④	Excavation for road				
	long - d - (By cutting)				
2x	6x	30m	0.525m	0.10	= 8900 m ²
2x	1x	20m	0.525m	0.10	= 2.10
				29.00 m ²	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
		BA Qty -			21.00 M ³
2x	8x	30m	0.40m	0.10	= 19.20
2x	1x	10m	0.40m	0.10	= 2.00
2x	9.50x	1.10 + 0.50		0.1	= 1.52
2x	3m	1.00m	0.1m		1.20
					44.72 M ³

② Construction of embankment
 - d. diposited at side - 42
 Qty of diposited at side =
 $44.72 \text{ M}^3 \times 60\% = 26.83 \text{ M}^3$

③ Construction of embankment
 - d. Material obtained from borrow
 Pile - d - d - 21

Qty of pile 21

S.N	Ch.M	Fill area m ²	Mean Area m ²	Length m	Fill Volume m ³
1	0	0.695			
2	50	2.431	1.563	50	78.150 M ³
3	100	2.679	2.555	50	127.750
4	150	2.575	2.627	50	131.350
5	200	2.320	2.448	50	112.375
6	250	2.014	2.167	50	108.350
7	300	1.035	1.525	50	76.225
8	350	2.531	1.783	50	89.150
9	400	2.850	2.178	50	109.525
10	420	1.392	1.621	20	32.420
					875.295 M ³

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L	B	D	
Construction of concrete H.P. Column					
⑤/27 E/W in excavation in foundation					
→ d → 1 → 18/2					
2x 3.90m x 1.15m x 1.50m =					13.455m ³
Below pipe 1x 5.35 x 1.13 x 0.365 =					2.207
					15.66m ³
② Siding for M ₂₀ (1:2.5:5)					
in foundation → d → 18/2					
2x 3.90 x 1.15 x 0.15 =					1.3455m ³
Below pipe 1x 5.31 x 1.13 x 0.25 =					1.50
					2.850m ³
③ Siding for M ₂₀ and					
in foundation sub-structure					
2x 3.60 x 0.70 x 2.78m =					4.011m ³
④ Siding and lapping					
R.C.C. M ₂₀ pipe d=41					
3x 2.50m =					7.50m
⑤ E/W in excavation in foundation					
of Construction of concrete H.P. Column					
2x 2x 6.45m x 1.4m x 1.50m (av) =					54.18m ³
Below pipe 2x 1x 4.85 x 1.53 x 0.365 =					5.416
					59.60m ³
⑥ Siding for M ₁₅ (1:2.5:3)					
in foundation → d →					
→ d → 18/2					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
2x2x6.45x1.40x0.5					5.418 m ³
Behr 2x2x4.93x1.53x0.3					3.72 m ³
					9.20 m ³

⑦ Finley Rec M₂₀ - d

In Box - d - d - d

2x2x6.15x0.835x3.18					64.538 m ³
Behr 2x2x6.15x0.4x2.952					5.909 m ³
					20.442 m ³
Behr 2x2x6.785x1.23x0.662					2.956 m ³
					67.48 m ³

⑧ Finley and d₁ m₂R. ce pipe m₂ (winding)

d - d - d

$$2 \times 3 \times 2.50 = 15.00 \text{ m}$$

⑨ Finley G.S. B.G.L.T

In Box - d - d - d

Qty as same as note T.M.P

$$\text{By } 2 \text{ (m)} \times 2 \text{ (m)} = 44.72 \text{ m}^3$$

⑩ m₂ m₂ file Casorah

1x 10.5m x 2.15m					22.575 m ²
2x 6.0m x 2.0m					24.00 "
1x 13.25m x 1.90m					25.175 "
2x 5.0m x 2.0m					20.00 "
1x 14.60m x 1.60m					23.36 "
2x 7.00m x 1.50m					21.00 "
1x 17.20m x 1.70m					29.24 "
2x 6.0m x 2.0m					24.00 "

Continuation

$$189.35 \text{ m}^2$$

$$\text{Volume} = 189.35 \times 0.10 \text{ m} = 18.935 \text{ m}^3$$

⑪

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
②					
1x	6x30mx	4.050	0.10		= 72.90 m ³
1x	1x20mx	4.05	0.10		= 8.10 "
1x	8x30mx	3.50	0.10		= 84.46 "
1x	1x10mx	3.40	0.10		= 3.40
1x	9.5mx	4.5+3.50			
			2	x 0.10	= 3.80
2x	2x2mx	3.20	0.10		= 1.28
					178.48 m ³

Total G.S.B work done

$$= \textcircled{A} + \textcircled{B} + \textcircled{C} = 237.13 \text{ m}^3$$

⑩/ Digging w.B.M.G.B
→ d d R/E

1x	6x30x	3.75	0.075		= 50.625 m ³
1x	1x20x	3.75	0.075		= 5.625 "
1x	8x30x	3.20	0.075		= 58.50
1x	1x10x	3.40	0.075		= 2.55
1x	9.5x	4.5+3.5			
			2	x 0.075	= 2.55
1x	2x2mx	3.20	0.075		= 0.90
					120.85 m ³
					But total 120.49

⑪/ Digging earth
Shovel

2x	6x30mx	1.388	0.20		= 99.94 m ³
2x	1x20x	1.388	0.20		= 11.10 m ³
2x	8x30x	1.82	0.075		= 31.91
2x	1x20x	1.82	0.075		= 3.46
					146.41 m ³

Continuation

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑤ Construction of embankment - d. deposit at site - Qty m ³ T.M.B R ₂ N ₂ ② = 26.46 m ³ ② 26 = 11/m ³ - R. 69120					
⑥ Construction embankment of road - d. borrow pits - d. d. R ₂ Qty m ³ T.M.B R ₂ N ₂ ② = 875.295 m ³ ② 131 = 03/m ³ - R. 1146900					

⑦ Construction of earthen shoulder - d. R ₂ Qty m ³ T.M.B R ₂ N ₂ ⑤ = 146.41 m ³ ② 141 = 17/m ³ - R. 2066900					
⑧ Lining of S.S. - R ₂ - I - d. R ₂ I Qty m ³ T.M.B R ₂ N ₂ ⑤ = 237.13 m ³ ② 2571 = 25/m ³ - R. 6,097212					
⑩ Lining of drainage - d. W.D.M. R ₂ - R ₂ Qty m ³ T.M.B R ₂ N ₂ ⑤ = 120.49 m ³ ② 3478 = 34 - R. 4432032					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Constant 6000000000					
(27) 4m in length					
in breadth - d. 12					
Qty of concrete in (27)					
= 15.66 m ³					
(28) 269 = 32/m ² R- 4218 = 0					
Qty of concrete in (28)					
= 2.85 m ³					
(29) 4909 = 79/m ² R- 3992 = 0					
Qty of concrete in (29)					
= 15.17 m ³					
(30) 5693 = 74/m ² R- 86374 = 0					
Qty of concrete in (30)					
= 7.50 m ³					
(31) 1010 = 15/m ² R- 7576 = 0					
Constant 1000000000					
(32) 4m in length					
in breadth - d. 12					
Qty of concrete in (32)					
= 59.60 m ³					
(33) 269 = 32/m ² R- 16051 = 0					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(33) Driveway Premises					
Impervious - d. E.I.					
At grade T.M.B. (4)					
= 9.20 M ²					
(33) 4909-79/R-45170-0					
(34) Driveway Premises					
Concrete Median					
Sub Slope - d. E.I.					
At grade T.M.B. (4)					
= 67.48 M ²					
(34) 5693-74/R-38421420					
(35) Driveway Premises					
R.C. Pipe N.B. of					
1000 mm dia					

At grade T.M.B. (4)					
= 15.00 M					
(35) 3736-61/R-560492					
(16) Driveway Premises					
- d. M.M. G.S. 481 M					
Band with Logo - E.I.					
At grade T.M.B. (6)					
= 2 M ²					
(35) 9276-54/-R-185532					
(26) Driveway Premises					
Impervious Pipe					
300 mm dia					
At grade T.M.B. (6) = 10 M					
(35) 8942-20/R-894220					

Continuation

T.M.R. 18 481922

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