

Priya Ranjan K. Syle

Dhires Dhes - K. K. K. K.

Schedule XIV - Form No. 134

Section 134

PIHAR P. W. D.

E. E. R. W. D. Angangabad DIVISION

Assistant Engineer S. N. DIVISION

Sub-Div. Sub-Div. K. K. K. K.

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To Sri. Bahar Ram A.E.-R.W.D
Work Sub-Div. Kutumba

YK Singh
10/7/2020
Executive Engineer
Road Works Division, nt
Work Division, Aurangabad

Schedule XLV - Form No. 134.

DIVISION

A.E. Kutumba.

AS-1/2020

MEASUREMENT BOOK.

2635

231278

Sri Bahar Ram A.E. Kutumba.

Date of first entry

Date of last entry

पिन. नं. १०१, १०२

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
	2019 & Final bill				
NFW -	construction of road from				
	Dakibara pipra colony to				
	Dakibara p.w.				
Agency -	Sri Priya Rajan ko. S.I. & C				
Agreement No. -	77	SRS/2020-21			
Date of work start -	05/09/20				
Date of completion -	04/09/21				
Date of entry -					
	Measurement.				
①	construction of				
	G.S.B.				
	$17.50 \times 4.05 \times 0.20 =$				14.18 m^3
Curm. 4	$\times 25$	$\times 0.65$	$\times 0.20 =$	12.96 m^3	
					27.14 m^3
②	Providing and laying				
	W.B. grading. III				
	$55 \times 30 \times 3.75 \times 0.075 =$				464.06 m^3
	1×25	$\times 3.75$	$\times 0.075 =$	7.03 m^3	
	1×17.50	$\times 3.75$	$\times 0.075 =$	4.92 m^3	
Curm 4	$\times 25$	$\times 0.60$	$\times 0.075 =$	4.50 m^3	
					480.51 m^3
③	Providing and applying				
	primer coat.				
	$55 \times 30 \times 3.75 =$				6187.50 5625.00
	1×25	$\times 3.75$	$=$	93.75 m^2	
	1×17.50	$\times 3.75$	$=$	65.63 m^2	
Curm 4	$\times 25$	$\times 0.60$	$=$	60.00 m^2	
					6406.88 m^2
④	Providing and applying				
	tack coat.				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
	55	30	3.75		6187.50 m ²
	1	25	3.75		93.75 m ²
	1	17.50	3.75		65.63 m ²
	4	25	0.60		60.00 m ²
					<u>6406.88 m²</u>

⑤ Providing and laying

M.S.S. 20 mm thick.					
	55	30	3.75		6187.50 m ²
	1	25	3.75		93.75 m ²
	1	17.50	3.75		65.63 m ²
	4	25	0.60		60.00 m ²
					<u>6406.88 m²</u>

⑥ Construction of subgrade

and earthen shoulders					
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$2 \times 55 \times 30 \times (1.182 \times 0.075 + 1.388 \times 0.20)$					
					$= 1208.46 m^3$
$2 \times 1 \times 25 \times (1.182 \times 0.075 + 1.388 \times 0.20)$					
					$= 18.31 m^3$
					<u>1226.77 m³</u>

⑦ Setting out pillars.

(i) Benchmarks pillar. 2 Nos.					
(ii) Reference pillar. 6 Nos.					

⑧ Construction of embankment with material

Chainage	Fill Area	Mean Area	Dist.	Fill Volume.
0	4.479	-	-	-
50	4.867	4.672	50	233.575
100	4.586	4.715	50	235.750
150	5.457	5.010	50	250.500
200	5.478	5.466	50	273.300

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Charge	Fill Area	Mean Area	Dist.	Fill volume	
200	5.478	-	-	-	
250	5.367	5.423	50	271.125	
300	4.955	5.161	50	258.050	
350	6.486	5.721	50	286.025	
400	6.131	6.209	50	315.425	
450	5.619	5.875	50	293.750	
500	5.197	5.408	50	270.400	
550	3.687	4.442	50	222.100	
600	3.712	3.700	50	184.925	
650	4.425	4.081	50	204.050	
700	4.288	4.369	50	218.450	
750	4.620	4.457	50	222.700	
800	4.540	4.480	50	224.000	
850	4.524	4.432	50	221.600	
900	5.096	4.810	50	240.500	
950	5.521	5.309	50	265.425	
1000	4.869	5.195	50	259.750	
1050	6.035	5.452	50	272.600	
1100	5.368	5.702	50	285.025	
1150	4.814	5.091	50	254.550	
1200	3.118	3.966	50	198.300	
1250	3.288	3.803	50	160.150	
1300	3.330	3.309	50	165.450	
1350	3.238	3.284	50	164.200	
1400	3.795	3.517	50	175.825	
1450	6.587	5.191	50	259.550	
1500	3.195	4.891	50	244.500	
1550	3.284	3.240	50	161.925	
1600	3.319	3.302	50	165.025	
1675	3.190	3.255	75	244.088	

Continuation

To the 7702.84 m³

Continuation

27/12/2020	3	21.2.21	AE
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Continuation 9. 75946 = 4

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				B.F.S.	75946 = ∞
④ Providing all types of lime pipe.					
wide TMS P-5					
(i) up to 600 mm dia.					
15.62 m @ 174278/m					2622 = ∞
(ii) up to 900 mm dia.					
5.00 m @ 236234/m					1182 = ∞
⑤ R/c. concrete for structure					
148.99 m ³ wide TMS P-5					
@ 269 = 32/m ³					40126 = ∞
⑥ Providing p.c.c. 1:1:5					
open formula					
22.98 m ³ wide TMS P-5					
@ 5101 = 01/m ³					117221 = ∞
⑦ Providing p.c.c. 1:1:20					
sub structure					
168.70 m ³ wide TMS P-5					
@ 5898 = 69/m ³					995109 = ∞
⑧ Providing and laying R.C.C. pipe of 1000 mm dia.					
37.50 m wide TMS P-6					
@ 3814 = 47/m					143043 = ∞
⑨ Providing and laying R.C.C. pipe of 300 mm dia.					
50.00 m wide TMS P-6					
@ 907 = 19/m					45360 = ∞
⑩ Construction of embankment					
using lime material					

Continuation

R. 1420609 = ∞

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				13 F.S.	1420609 =
832.60 m ³ wide TMBP. 11					
@ 131 = 03 / m ³					109096 =
(11) Construction of subgrade					
cut earthen shoulders.					
(i) For 100 m long					
238.09 m ³ wide TMBP. 6					
1226.77 m ³ wide TMBP. 9					
1464.86 m ³ @ 176 = 58 / m ³					258665 =
(ii) For 100 m long					
3417.60 m ³ wide TMBP. 6					
@ 141 = 17 / m ³					482463 =
(12) Construction of					
G.S.B.					
1356.75 m ³ wide TMBP. 6					
27.14 m ³ wide TMBP. 8					
1383.89 m ³ @ 2729 = 32 / m ³					3777079 =
(13) Providing and fixing					
mmbsy. aggregate.					
2 Nos. wide TMBP. 6					
2 Nos. wide TMBP. 12					
4 Nos. @ 9324 = 72 / m ³					37299 =
(14) Providing and laying					
mmbsy. aggregate. III					
480.51 m ³ wide TMBP. 8					
@ 3869 = 31 / m ³					1859261 =
(15) Providing and applying					
primer coat					
6406.88 m ² wide TMBP. 8					
@ 45 = 14 / m ²					289207 =

Continuation .. R. 8233679 =

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				BF. S.	8233679 = 4
(16) Providing and applying					
tack coat.					
6406.88 m ² wide TMS p. 8 to 9					
@ 15 = 357 m ²					98346 = 4
(17) Providing and laying					
17.55 20 mm thick.					
6406.88 m ² wide TMS p. 9					
@ 2.08 = 60 m ²					1336475 = 4
(18) Setting out pillars.					
wide TMS p. 9					
(i) Benchmark pillar					
2 Nos. @ 4014 = 73 1/2					8029 = 4
(ii) Reference pillar					
6 Nos. @ 1826 = 19 1/2					10957 = 4
(19) Painting on parapet					
Wall.					
103.20 m ² wide TMS p. 11					
@ 97 = 19 1/4					10030 = 4
(20) R.C.C. 4-5 grade					
Kilometric stone.					
wide TMS p. 11					
(i) Ordinary brick stone					
3 Nos. @ 2103 = 25 1/2					6304 = 4
(ii) 200 brick stone.					
7 Nos. @ 572 = 9 1/2					4011 = 4
(21) R.C.C. 4-15 grade					
boundary pillar					
56 Nos. wide TMS p. 11					

Continuation
@ 473 = 03 1/2 = 26490 = 4

R. 9734321 = 4

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				12 P.S.	9734321 = 4
(22) Providing and fixing					
Traffic sign.					
vide TMS P-11					
(i) 600 mm equilateral Δ					
8 Nos. @ 3717 = 64/c					29741 = 0
(ii) 600 mm circular					
6 Nos. @ 4989 = 56/c					29937 = 4
(iii) 800 x 600 mm rectangular					
6 Nos. @ 6962 = 53/c					41775 = 0
(iv) 600 x 450 mm rectangular					
4 Nos. @ 4859 = 36/c					19437 = 4
(v) 900 mm side octagon					
2 Nos. @ 8885 = 43/c					17771 = 0
(23) Road marking work					
applied thermoplastic					
Compound.					
335.00 m ² vide TMS P-11					
@ 735 = 44/m ²					246372 = 0
(24) planting of Trees					
by the Road Side					
167 Nos. vide TMS P-12					
@ 815 = 26/c					136148 = 0
(25) Road painting					
white line work.					
				R.	10255502 = 0
				Add 1 1/2 L.T.	1230660 = 0
				1/2 L.T.	102555 = 0
				R.	11588717 = 0

Continuation

0
No. 134 17

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				13-F.B.	11588717 = v
Less 10% (As per agt) (-)					1158872 = v
				(	10429845 = v
Less previous payment etc.					1056200 = v
Ram Kumar 27/12/2020 J.E.				b.	9373645 = v
Work has been completed. Maintenance start.					
Ram Kumar 27/12/2020 J.E.				Jm 21.2.21 AE	CSP YKSish 22/2/21