

Agency - Amarnath Shri

Report of id form. Bhupathi Andhra Pradesh
Schedule XIV. Form NO. 134. To Panchayats

1446- MK-19 and Jayaprakash-10
BIHAR P. W. D.

DIVISION

Babubachan

SUB-DIVISION

MEASUREMENT BOOK

1281

प्रमाणित किया जाता है कि इस
मापी में मशीन द्वारा मुद्रित 01 से
100 तक अंकित हैं जो अवर प्रमंडल
पदाधिकारी वाबुवरही के नाम से
निर्गत किया जाता है।

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, जयनगर

Schedule XLV- Form No.- 134.

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, जयनगर

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

No.

1281

Name of officer

Date of first entry

Date of last entry

ET on APC Bill

Name of the 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)

01

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work:- Repair of Rd from Bhupattu Andhra Pradesh To Pachruklu.					
Pkg No - MR/19-20 Jaynagar/10					
Agency:- Ammaiah Sha					
Agreement No- 56 MBD/2021-2022					
Date of Commencement - 20/10/21					
Date of Completion - 19/10/22					
Rate quoted:- 0.00% below					
Reward entry.					

① Prov. and final measurement 2 Nos					
② Clearing and grubbing					
Rd land					
36	30	1.0	=	1080.00	
34	30	1.0	=	1020.00	
24	30	1.0	=	720.00	
22	30	1.0	=	660.00	
30	30	1.0	=	900.00	
2	21	1.0	=	42.00	
T =				4422.00	
				20.4424	
③ Prov. USB for 5 in. dia.					
12	18	1.26	0.15	4.41	
6	1.5	1.25	0.15	1.52	
1	7.8	2.78	0.10	2.17	
Continuation				T = 8.1044	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF	8.1011
1 X	30 X	0.95 X	0.15 =		4.28
4 X	1.50 X	1.15 X	0.075 =		4.28
23 X	1.84 X	0.85 X	0.15 =		5.40
6 X	1.20 X	0.78 X	0.15 =		0.98
1 X	5.8 X	2.14 X	0.15 =		1.86
4 X	1.9 X	1.35 X	0.10 =		1.02
1 X	5 X	1.20 X	0.100 =		0.60
4 X	2.40 X	1.20 X	0.15 =		2.45
1 X	5.8 X	1.90 X	0.10 =		1.10
12 X	1.20 X	0.65 X	0.075 =		0.70
9 X	3.90 X	1.40 X	0.075 =		3.69
13 X	2.40 X	2.100 X	0.15 =		9.83

5 X	50 X	4.05 X	0.100 =	202.50
$T = 243.0417$				
6th				
25/03/23				
7th				
④ Prov. work g.c. RL Mat				
12 X	1.80 X	1.36 X	0.075 =	2.20
6 X	1.50 X	1.15 X	0.075 =	0.76
1 + 7	80 X	2.78 X	0.075 =	1.63
1 + 30	X	0.95 X	0.075 =	2.14
4 X	1.50 X	1.15 X	0.075 =	0.52
23 X	1.84 X	0.85 X	0.075 =	2.20
6 X	1.20 X	0.78 X	0.075 =	0.42
1 X	5.80 X	2.14 X	0.075 =	0.93
4 X	1.90 X	1.35 X	0.075 =	0.77
1 X	5.0 X	1.20 X	0.075 =	0.45

Continuation

 $T = 12.5243$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	12.5219
	4x	2.40	1.20	0.075	1.22
	1x	5.80	1.90	0.075	0.83
	12x	1.20	0.65	0.075	0.90
	9x	3.90	1.40	0.075	3.69
	13x	2.40	2.10	0.075	4.91
	5x	5.0	3.75	0.075	10.31
	2x	2.40	1.80	0.075	0.65
	1x	3.0	0.65	0.075	1.46
	3x	5.0	3.15	0.075	3.54
	42x	1.20	1.75	0.075	6.62
	8x	5.0	2.54	0.075	2.62
	3x	4.5	0.85	0.075	0.86

3x	5.90	2.78	0.075	3.69
6x	5.0	3.15	0.075	7.59
1x	27.80	1.50	0.075	3.13
18x	4.90	2.47	0.075	16.34
				T = 145.1893

26/12/13				
J.E.				

⑤	Prm. Fence Cont.			
	Same Area vide Item			
	No - ⑤4 Tms P - ⑥2			
	1.0	145.18	÷ 0.075	= 1935.724

⑥	Prm. Touch Cont.			
	145.18	÷ 0.075	=	1935.72
	4x	6.5	1.90	= 49.40

Continuation

T = 1985.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.C. =	1985.134
	32	1.75	0.90	=	50.40
	34	3.10	1.75	=	184.45
	12	4.5	2.40	=	129.60
	1	30	0.75	=	22.50
	10	7.40	2.45	=	181.30
	8	6.20	3.10	=	166.16
	12	4.50	2.90	=	156.60
	81	2.75	2.15	=	978.91
	33	2.15	1.20	=	85.14
				T =	3440.194

⑦ Pm. H.S.S. - ~~the~~
Same area as above

P = ⑧ Pm. H.S.S. - ⑥ =	3440.194
⑧ Pm. Tack Coal	131.49
1 x 30 x $\frac{(5 + 4.4 + 3.75)}{3}$ =	197.25
11 x 30 x 3.75 =	1237.50
1 x 30 x $\frac{(3.75 + 3.40 + 3.25)}{3}$ =	109.60
25 x 30 x 3.25 =	2250.00
1 x 21.50 x 3.25 =	80.63
2 x 30 x 3.25 =	225.00
1 x 30 x $\frac{(3.25 + 4.2 + 3.25)}{3}$ =	121.00
3 x 30 x 3.25 =	337.50
1 x 30 x $\frac{(3.75 + 4.8 + 3.25)}{3}$ =	125.00
6 x 30 x 3.25 =	675.00
Continuation T =	5355.884

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 30 x $\frac{(3.75 + 4 + 3.75)}{2}$	2				125.00
2 x 30 x 3.75					225.00
1 x 30 x $\frac{(3.75 + 4.30 + 3.75)}{2}$					118.00
16 x 30 x 3.75					1800.00
1 x 30 x $\frac{(3.75 + 4.30 + 3.75)}{2}$					118.00
5 x 30 x 3.75					562.50
1 x 30 x 3.75					112.50
T = 8416.88					8350.62

⑨ Prov. S.D.B.C. = 2

Same area vide item no-

⑧ 2 times ⑤

$$8416.88 \times 0.025 = 210.422$$

⑩ Prov. Road making work

Est applied. Shumkurah				
18 x 50 x 0.100	=			90.00
16 x 50 x 0.100	=			80.00
18 x 50 x 0.100	=			90.00
20 x 50 x 0.100	=			100.00
16 x 50 x 0.100	=			80.00
2 x 12 x 0.100	=			2.40
T = 442.40				

⑪ Prov. and fly K.M. Stone = 3 Nos.

⑫ Prov. and fly 2000 Stone = 10 Nos.

⑬ Prov. & fly rebar after
from bound - 2

⑭ 600 mm square bar = 12 Nos.

⑮ 600 mm circular = 7 Nos.

⑯ 600 x 450 mm type = 10 Nos.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) Prov. and fly boundary pillars					29.06
(15) Placing of fences					2.11 Nos.
(16) Construction of subgrade & shoulder					
	22x	30x	1.65x	0.30 =	207.90
	34x	30x	0.91x	0.30 =	278.46
	36x	30x	1.07x	0.30 =	324.40
	24x	30x	1.01x	0.30 =	218.16
	12x	30x	1.1x	0.35 =	138.60
	18x	30x	0.95x	0.30 =	153.90
	2x	14x	0.90x	0.30 =	7.56
				T =	1328.5807

(17)	Excavation				
		$50 \times 1.50 \times 0.90 \times 0.50 =$			101.25 m ³
(18)	Prov. P.C.C. m ² for kerbs				
		$50 \times 1.50 \times 0.90 \times 0.150 =$			10.13 m ²
(19)	Prov. P.C.C. m ² to subgrade				
		$50 \times 1.50 \times \left(\frac{0.75 + 0.40}{2} \right) =$			
			$92.275 =$		98.11
(20)	Prov. P.C.C. m ² to carrying				
		$50 \times 1.50 \times 0.40 \times 0.025 =$			2.25 m ²
(21)	Prov. Deep holes				75 Nos.
(22)	Prov. B/W m ² for kerbs				
		$2 \times 6.0 \times 6.0 \times 0.40 \times 0.60 =$			17.28
(23)	Prov. placing with ch (1:1)				
		$6 \times 4 \times 6 \times 0.60 \times 0.60 =$			86.40
		$16 \times 2 \times 6 \times 0.40 \times 0.60 =$			28.80
		$6 \times 4.0 \times 0.40 \times 0.60 =$			5.28
				$T =$	120.96 m ²

Continuation

Continuation

T = 120.96 m²

Particulars	Details of actual measurement			Contents of area
(24) Br.	Rising	N.B.	dms	clos
	6x	4x	4x0.60 =	57.60
	6x	2x	4x 6.0 =	288.00
	6x	4x	0.40 x 0.60 =	5.76
				T = 351.36 ft
	Br	30	15/12	
		3		
				52 Br
				30 Hr

Material Statement			
①	S/M Clamps	- 773.61 MT	116042
②	Sand	- 124.124.44 MT	186
③	1328.58 MT	1328.58 MT	43843
④	S/dust	- 42.54 MT	6381
⑤	SS1	- 1.65 MT	
⑥	RS1	- 3.26 MT	
⑦	Bitumen	- 30.816 MT	
S. for Mr. P. M. Pillai - 4250 = 0			
Portion of Sand			
Invoice No.		Date	Qty
Received Qty. from M/s. (249)			
Pala = ⑧		=	5.609
6145670214351		27/10/20	= 7.800
WB 55486500203		23/11/20	= 19.944
Used Qty		↑	= 32.85 MT
			= 30.816 MT
Balance Qty		Continuation	= 2.038 MT
S. M. 20/11/20			

ABSTRACT OF COST

Sch XLV Form No. 134

08

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	T.	
① Clearing and grubbing Red land.					
Qty vide P-① ① tms					
0.442 Hec @ ₹ 51132.74/Hec =					
② Pucca and fine MR 1030 Board.					22601.20
Qty vide P-① ① tms					
2 Nos @ ₹ 9231.67/ct = ₹					18463.20
③ Pucca 1050 gr-I mat.					
Qty vide P-② ② 8 tms					
243.0473 C @ ₹ 2999.43/1/2 =					729001.25
④ Pucca 1050 gr-II mat.					
Qty vide P-③ ③ 8 tms					
145.1847 C @ ₹ 3801.97/1/2 = ₹					551920.20
⑤ Pucca Prime canal					

Qty vide P-④ ④ 8 tms					
1935.7347 C @ ₹ 42.63/1/2 =					82520.20
⑥ Pucca Trench canal					
3440.1947 C Qty vide P-⑤ ⑤ 8 tms					
+ 8416.8847 C Qty vide P-⑤ ⑤ 8 tms					170849.
11857.0747 C @ ₹ 14.49/1/2 = ₹					171809.20
⑦ Pucca Patches by M.S. sand					
Qty vide P-⑥ ⑥ 8 tms					
3440.1947 C @ ₹ 217.86/1/2 = ₹					749480.20
⑧ Pucca S.D.B.C. - do					
Qty vide P-⑦ ⑦ 8 tms					
210.42247 C @ ₹ 11001.64/1/2 = ₹					2314987.20
⑨ Pucca road widening with hot applied bituminous sand					
Qty vide P-⑧ ⑧ 8 tms					
4424047 C @ ₹ 73544/1/2 = ₹					3253597.20

Continuation - 4466190.20

4965230

Particulars	Details of actual measurement				Contents of area
	No.	A.	B.	D.	
				B. P. 2	4966190.00
(10) Prov. and binding key & masonry					
Qty wide P - (05) 4 mms.					
(11) 3 Nos C. & 2273.98/25					6822.00
(12) (i) 200m stone					
10 Nos C & 610.29/25					6103.00
(13) Prov. and binding rebar					
referred to above numbers					
Qty wide P - (05) 4 mms.					
(14) (i) 600mm equal steel work					
12 Nos C & 3709.25 = 2					44517.00
(15) (ii) 600mm circular					
7 Nos C & 3869.16/25					27084.00
(16) (iii) 600x450mm rebar					

10 Nos C & 3764.35 = 2				37347.00
(17) Prov. & binding bounding pillars				
Qty wide P - (02) 4 mms.				
29 Nos C & 515.52 = 2				14950.00
(18) Prov. & binding for panels				
Qty wide P - (06) 4 mms.				
17.184 ² C & 5146.93/25				88939.00
(19) Prov. plastering with 1:1:4				
Qty wide P - (08) 4 mms.				
120.961 ² C & 165.93/1 ² C				20681.00
(20) Painting iron cast				
Qty wide P - (07) 6 mms.				
351.364 ² C & 97.18/1 ² C				34145.00
(21) plastering of floor				
Qty wide P - (06) 1 mms.				
211 Nos C & 819.92/242				173003.00

Continuation 5419181.00

5418211

