

Head :- MMGSY SC

Name of work :- Const. & five year maint. of Road
& CD Work for Kamlesh Sharma House
via Satyendra Prasad House to Tegvi
Thakur under MMGSY SC.

Schedule XLV-Form No. 134

Fig. No. - 04 SBD/MMGSY SC/2021-22

Paliganj

DIVISION

Paliganj

SUB-DIVISION

संवेदक :- राकेश कुमार

NAME OF A.E. :- अमित लाल रजक M.BNO-644

Measurement Book

अमित लाल रजक

Am
Executive Engineer
Rural Works Dep.
Work Division Paliganj

Rup
09/12/2022

2
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... ..
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... ..

30/10/21
Executive Engineer
Rural Works Deptt.
Work Division Paliga
30/10/21

Sch. XLV-Form No. 134

Paligam DIVISION
Paligam SUB-DIVISION

Measurement Book

No. 644

... ..
Chandra ...

30/10/21
A4

Name of Officer _____

Date of first entry _____

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.	
	P.P. No.	1/2	1/2		
Name of work - Const. of 11.49 m long					
Maintenance of Road from					
Kamlesh Sharma House via					
Sundera Postman house to 106					
via Takuri					
Contractor - Sri Rakesh Kumar					
Agreement No - 04/SRT/MM/SSY/SC/					
Date of commencement - 10.07.2021					
Date of completion - 10.07.2021					

1/	const. of Reference 2				
	Working Bench Mark				
	0.487 Km + 0.220 + 0.082				
	= 0.789 Km				

2/	clearing & cobbling				
	Road land do-6				
	0.789 x 7.00 = 5.523 m ²				
	$\frac{5.523}{10000} = 0.552 \text{ Hec}$				

3/214	construction of embankment				
	with m. & c. 1:1 slope				
	P.K.				

S.No	chainage	Area	mean	width	Volume
01	0	4.655			
02	50	4.995	4.575	50	978.750

2

Sch. XLV_Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
03	100	4.685	4.590	50.00	229.500
04	150	4.395	4.540	50.00	227.000
05	200	4.455	4.425	50.00	221.25
06	250	4.415	4.435	50.00	221.75
07	300	4.455	4.435	50.00	221.75
08	350	0.105	2.280	50.00	114.00
09	400	0.094	0.100	50.00	4.375
10	450	0.091	0.093	50.00	4.625
11	487	0.099	0.095	37.00	3.515
12.	0	4.296			
13	50	4.453	4.375	50.00	218.725
14	100	0.118	2.286	50.00	114.275
15	150	0.123	0.121	50.00	6.025
16	200	0.130	0.127	50.00	6.325
17	220	0.138	0.134	20.00	2.6800
18					

19	50	0.133	0.136	50.00	6.800
20	82	0.143	0.138	32.00	4.416
S.No - 1 to 11 = 1477.115 M ³					
ch - 0 to 300 m					
ch - 4 head - 100 M E/W - 1350.00 M ³					
ch - 350 m to 487.00 m					
ch - 3 head - 1000 M E/W - 127.115 M ³					

4/6 Const of Granular

Sub base crushed stone					
aggregate & Local sand					
B.T. Part					
1 x 14 M x $\frac{5.70 + 4.10}{2} \times 1200 = 13.72 M^3$					
✓ 9 x 30 M x 4.05 x 1200 = 218.70 M ³					
2 x 30 M x 3.50 x 1200 = 42.00					
1 x 30 M x 3.75 M x 1200 = 22.50					
1 x 8 M x $\frac{4.05 + 4.60 + 4.05}{3} \times 1200 = 6.77 M^3$					
					303.69 M ³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Continued from No. 4					
1x 12.00x		$\frac{7.75+4.05}{2}$	x	200 = 14.16m ³	
1x 30.00m x		4.05	x	200 = 24.30m ³	
1x 14.00m x		3.15	x	200 = 8.82m ³	
2-438m (A)					350.97m ³
C. & Pav. Portion					
1x 30m x		$\frac{3.36+3.35+3.45}{3}$	x	100 = 10.36m ³	
1x 30m x		$\frac{3.45+3.75}{2}$	x	100 = 10.88m ³	
1x 30m x 3.75m			x	100 = 11.25m ³	
1x 15.00m x 3.10			x	100 = 4.65m ³	
1x 23.00m x		$\frac{3.15+3.30+3.40}{3}$	x	100 = 7.55m ³	
1x 30m x		$\frac{3.75+3.75+3.35}{3}$	x	100 = 10.80m ³	
1x 30m x		$\frac{3.0+3.75+3.20}{3}$	x	100 = 10.25m ³	

1x 30m x		$\frac{3.0+3.75}{2}$	x	100 = 10.12m ³	
1x 30m x 3.75m			x	100 = 11.25m ³	
1x 21m x		$\frac{3.75+3.75+3.00}{3}$	x	100 = 7.35m ³	
1x 11x		$\frac{6.80+3.75}{2}$	x	100 = 5.80m ³	
1x 26m x		$\frac{3.75+3.60}{2}$	x	100 = 9.55m ³	
1x 28m x 3.10m			x	100 = 8.68m ³	
1x 17m x 2.80m			x	100 = 4.76m ³	
2-351m	(B)				113.57m ³
Total					474.22m ³
S/ Privy & Drivg of 70/120					
Endormentary sig 1000					
2 No					

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
17	103 m			
18	103 m			
19	103 m			
20	103 m			
21	103 m			
22	103 m			
23	103 m			
24	103 m			
25	103 m			
26	103 m			
27	103 m			
28	103 m			
29	103 m			
30	103 m			
31	103 m			
32	103 m			
33	103 m			
34	103 m			
35	103 m			
36	103 m			
37	103 m			
38	103 m			
39	103 m			
40	103 m			
41	103 m			
42	103 m			
43	103 m			
44	103 m			
45	103 m			
46	103 m			
47	103 m			
48	103 m			
49	103 m			
50	103 m			
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81	103 m			
82	103 m			
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85	103 m			
86	103 m			
87	103 m			
88	103 m			
89	103 m			
90	103 m			
91	103 m			
92	103 m			
93	103 m			
94	103 m			
95	103 m			
96	103 m			
97	103 m			
98	103 m			
99	103 m			
100	103 m			

1x 17m	2.80	$\times .075 =$	3.57m
			92.36m

1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
Abstract of cost				
TSP on A/c Bell				
1/1 construction of Ref. in-into				
2 Working Benchmark				
0.789 km lin No - 1/1 P-01				
@ 10 986.71 / Km				8 669 = 00
2/2 clearing & grubbing				
road land do do				
0.552 Hec lin no-2/2 P-01				
@ 52 998.20 / Hec				29 255 = 00
3/3 construction of embank-				
ment with material obtained				
from borrow pit do do				
lead 1000 m				

127.115 m ³ lin no - 3 P-02				
@ 192.03 / m ³				24 410 = 00
4/4 const of embankment with				
material obtained from Borrow				
Pit lead - 1000 m				
1350.00 m ³ lin no - 4/4 P-02				
@ 154.58 / m ³				208 683 = 00
5/6 const of granular subbase				
by providing crushed stone				
aggregate & local sand do do				
474.22 m ³ lin no - 4/6 P-03				
@ 2624.68 / m ³				12 44 676 = 00
6/ Provisioning intensification				15 15 693 = 00
Borrow 2nd P-03				
@ 9422.65				18845 = 00
Continuation				
				15,34,538 = 00

[illegible]