

PMGSY, NEM-SC

PM.B.NO-3465

Schedule XLV-Form No. 134

ગામચાતુર-પ્રગતિ સે 701 સે-ગામી સે 2107 સુધી (સકલ ગ્રામ)

પરમજામી સે

સાથે સરકારી સે 2129 સુધી સુધી

DIVISION

સે 2129 સુધી સુધી સુધી સુધી

ગામચાતુર

SUB-DIVISION

MEASUREMENT BOOK

PM.B.NO-3465

Name to work—
 Situation of work—
 Agency by which work is executed—
 Date of measurement—
 No. and date of agreement.

1

(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 and 2nd					
Name of work—					
Const'g road					
from T.D. to Chandra Tal.					
Agcy:—Smt Rita Devi					
Agcy NO:—					
Agcy Value—					
Date of start—					
Completion—					
Length—					1.330 K.M.
B.T—					1100 m.
P.C.C—					230 m.
(1)/1 setting out &					
ditto—					EXT
1.330 K.M.					
(2)/2 clearing and					
grubbing work					
land—					EXT
$2 \times 20 \times 25.40 \times 1.40 = 1000.2$					
$2 \times 20 \times 25.40 \times 1.40 = 1000.2$					
$2 \times 12 \times 25.40 \times 1.40 = 600.2$					
$2 \times 2 \times 15.40 \times 1.40 = 60.2$					
					T=2660.2
					m ²

Continuation

P.T—0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		2660.40			
		10.000			
		= 2,660 H.L.			
		say 2.67 H.L.			
		= 0.27 H.L.			
(3) 3	Box-Cutting				
	Excavation for				
	road way to				
	and ———— F.I.				
		2 x 1100	2 x 525	100 = 1150	
		2 x 230	2 x 325	100 = 170	
		T = 1320			

(4) 6	Concrete bridge				
	and eastern shoulder				
	——— E.I.				
	in flexible position				
		2 x 1100	2 x 2.25	100 = 450	
		2 x 1100	2 x 2.25	100 = 450	
		2 x 1100	1 x 2.50	100 = 230	
				T = 1130	
	(5) m				
	in bridge —				
		2 x 230	2 x 1.00	48 = 570	
		2 x 230	2 x 0.85	0.25 = 21.50	
		2 x 230	2 x 0.85	1.60 = 46.00	
				T = 1250.6	

Continuation

Add 2 + 5
 = 1258.06 m³

P.T.D.

Continuation

30



- (1)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
30 rigid portion					
width					
	2 x 230		4 x 325 x .10		= 17.25
					(9)
Profile correction					
	1 x 23.9		3.70 x .10		= 6.90
					(6)
extra	1 x 6.0		1.60 x .10		
			$\frac{2}{2} \times .10$		= 0.40
					17 + 0.35
					m
					(10)

add (a) + (b) + (c)
 = 24.50 m² (11)
 add (i) + (ii)
 = 747.53 m²
 17 + 0.35 + 0.8 m²

(6) 8 W.B.M. GWT

13 p/c. laying, spreading
 and compacting
 etc

30 flexible portion

A - 1 x 25.0 x 6.0 x 325 x .025 = 9.140
 8 x 25.0 x 3.75 x .025 = 56.25
 1 x 25.0 x 4.50 x 325 x .025 = 7.25

Continuation 2

P.T-2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	4	25.0	3.25	0.25	$= 28.125$
	1	25.0	4.50	3.25	$= 7.734$
	4	25.0	3.25	0.25	$= 28.125$
	1	25.0	4.50	3.25	$= 7.734$
	8	25.0	3.25	0.25	$= 56.25$
	1	25.0	4.50	3.25	$= 7.734$
	8	25.0	3.25	0.25	$= 56.25$
	1	25.0	4.50	3.25	$= 7.734$
91	4	25.0	3.25	1.025	$= 28.125$
1100 m	1	25.0	4.50	3.25	$= 7.734$
6" 3/4"	1	25.00	3.25	0.25	$= 8.203$
					$T = 316.822$

lt + 0315.56 m³

(i)

7th ridge method

$$5 \times 25.0 \times 3.25 \times 0.25 = 35.48$$

$$C \quad 305 \times 4.30 \times 3.25 \times 0.25 = 22640$$

$$2 \times 15.0 \times 3.25 \times 0.25 = 8.437$$

$$T = 66.233$$

lt + 065.98 m³

(ii)

Add (i) + (ii)

$$= 381.54 \text{ m}^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) / 14					
C-					
91230m length					

(8) / 9 *Plum Coat 1-Pl*
applying Plum
Coat 10 ft x 10 ft
embossed

5/1

A - $1 \times 25.0 \times 5.0 \times 3.25 = 1218.75$
 $8 \times 25.0 \times 3.25 = 750.0$
 $1 \times 25.0 \times 4.50 \times 3.25 = 103.125$
 $4 \times 25.0 \times 3.25 = 375.0$
 $1 \times 25.0 \times 4.50 \times 3.25 = 103.125$
 $4 \times 25.0 \times 3.25 = 375.0$
 $1 \times 25.0 \times 4.50 \times 3.25 = 103.125$
 $8 \times 25.0 \times 3.25 = 750.0$
 $1 \times 25.0 \times 4.50 \times 3.25 = 103.125$
 $8 \times 25.0 \times 3.25 = 750.0$
 $1 \times 25.0 \times 4.50 \times 3.25 = 103.125$
 $4 \times 25.0 \times 3.25 = 375.0$
 $1 \times 25.0 \times 4.50 \times 3.25 = 103.125$
A - $1 \times 25.0 \times 5.0 \times 3.25 = 1218.75$

Continuation 2

T- 4225.00

to 4207.50 m²

P.T. 2

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(9)/10 Tack mat. 1-					
P/V applying					
Tack coat with					
bitumen emulsion,					
R.S. — E/S					
420750 m ² at 1000					
item NO-(8)/9 PN-6					
(10)/11 P/V. Laying of					
selling TACK					
graded pumex					
surfacing — E/S					
410750 m ² at 1000					
item NO-(8)/9 PN-7					
(11)/15 Laying of					
sub of 00 pumex					
— E/S					
2 x 230.0 x .25 = 115.60 ²					
(12)/16 P/V Laying of					
col. D.P.R.					
3000008 — E/S					
52.50 m.					
(13)/17 Spreading P/V					
— E/S					
22 N 0					

Continuation

P.T-2

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14)/18 2 1/2 meter stone					
2 1/2					
(15)/19 200m stone					
6 1/2					
(16)/20 600mm square					
2 1/2					
(17)/21 600mm circle					
2 1/2					
(18)/22 800mm x 600mm					
rectangle					
4 m					
(19)/23 600mm x 450mm					
rectangle					
4 m					
(20)/24 900mm circle					
octagon or					
1 No					
(21)/25 Directional					
plate identification					
ELI					
5 1/2					
(22)/26 Road marking					
white dot applicator					
2 x 1330. 2 x 100 = 2660					
m					

Continuation

P. T. O

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
(23)/27 planting of 2 trees and table mant					575
110 0 0					
(24)/28 p/v 4.1 planting 1000. 2 project					575
4 0 0					
(25)/4 planting 1000. 5 mant					575
As per graph					
AL. NO. 04	Area	Area	Area	Area	Volume
1	0	2.635			

2	50	3499	2865	50	143356
3	100	3905	3502	50	175117
4	150	3735	3820	50	191017
5	200	3406	3571	50	178545
6	250	3689	3508	50	177392
7	300	3816	3752	50	187625
8	350	3018	3417	50	170834
9	400	3299	3158	50	157912
10	450	3909	3604	50	180193
11	500	3237	3593	50	178698
12	550	3008	3123	50	156138
13	600	3616	3312	50	165622
14	650	3194	3405	50	170251
15	700	2949	3071	50	153572

Continuation

P.T. →

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16	750	2.918	2.939	50	146.691
17	800	3.262	3.090	50	154.505
18	850	4.570	3.916	50	195.726
19	900	3.423	3.926	50	199.822
20	950	3.381	3.442	50	170.089
21	1000	3.425	3.403	50	170.153
22	1050	2.118	2.771	50	138.575
23	1100	2.854	2.486	50	124.296
24	1150	2.645	2.752	50	137.486
25	1200	4.007	3.326	50	166.315
26	1250	4.536	4.272	50	213.591
27	1300	3.983	4.260	50	212.990
28	1330	3.684	3.834	3.0	115.025

28.85/4-4531.55				
m				
for 1000 m				
(i) G.S. B.H. — 742.08				
(ii) H.B.M. G.H. — 381.54				
(iii) P.C.C. — 140.76				
(iv) Rubbing — 1258.06				
⊖ 2527.44				
m				
1100 Btg. 8 E/W				
2004.110				
for 1000 m				
50.00 m				
for 1000 m				
1954.110				

Continuation 30.1.22

15/03/22
ja

P.T. →

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
ABSTRACT DELETED					
V-T-M-B-R 1/10/12					
①/1 Setting out					
pinning					EL-1
1.330 Km P. 11-①					
① 12,702.02/Km					
					0.16,894/
②/2 clearing and grubbing work					
land					EL-1
0.27 Km P. 11-2					
② 52,270.33/Km					
					0.14,090/
③/3 Box-cutting					
Excavation for					
road way to L.O.					EL-1
132.75 m ³ P. 11-2					
③ 130.83/m ³					
					0.17,367/
④/4 Cost of work					
5 m ² —					EL-1
for 100 m ² less P. 11-10					
50.0 m ² ④ 96.65/m ²					
					0.4832/

Continuation

T-053,183/

P-T-0

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
					B.F. 253,183/
for 100m lead P.M.D					
1954.11m ³					
② 137.04/m ³					
					23,85,238/
(5)/5 Const ^o 8 by 6 by 6					
and 2 other					
Shoulder — E.I.					
1258.06m ³ P.N. 2					
② 183.34/m ³					
					2,30,653
(6)/7 Const ^o 8 by 5 by 5					
12 by D/K well					
graded materials					
— E.I.					
747.08m ³ P.N. 3					
② 3182.0/m ³					
					25,77,209
					2,30,068/
(7)/8 W.B.M. 6 by 6					
13 D/K. Laying					
2 spreading and compacting					
— E.I.					
381.54m ³ P.N. 5					
② 4395.21/m ³					
					16,76,948/

Continuation

T. 47,23,031/

P.T. 0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F. 047.23031/
(8)/14					costing and
					conc prepared
					— E.F.
140.76 m ²					P.N-6
					0.08063.68/m ²
					—
					0.11,35,044/
(9)/9					Prime Coat:- P.V
					applying Prime
					Coat into bitumen
					emul dress
					— E.F.
4207.50 m ²					P.N-6
					0.041.37/m ²
					—
					0.1,74,064/
(10)/10					Tack Coat:-
					P.V. applying
					Tack Coat into
					bitumen emul
					RS, — E.F.
4207.50 m ²					P.N-7
					0.013.32/m ² 0.57727/
(11)/11					P.V. laying rolling
					of close graded
					primix surfacing. E.F.
4207.50 m ²					P.N-7
					0.0231.41/m ² 0.973,658/
					Continuation
					T-070,63,524/

P.T-O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B. F. 0.70, 63.524/
(12)/15	10 ft. of brick				
					2 ft. of — — — — —
	115.000			P. N. - 7	
					0.553.26/100
					0.63, 510/
(13)/16	7/4 layer of cement				
	6 in. pipe 8				
	300 mm. 8			P. N. - 7	
	52.50 m				
					0.918.93/17
					0.48, 244/
(14)/17	Boundary pillar				
					EPJ
	22 N.D.			P. N. - 7	
					0.523.10/11
					0.11, 506/
(15)/18	Kilometre station				
	2 N.D.			P. N. - 8	
					0.2338.07/N
					0.4676/
(16)/19	200 m station				
	6 N.D.			P. N. - 8	
					0.632.45/N
					0.3725/
					T. 0.71, 95, 20/

Continuation

P-T-0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17)/20 610mm equilateral triangle					18.71/95.25/
2 No. P. N-8					
① 3804.13/N					
					7008/
(18)/21 610mm circular					
2 No. P. N-8					
① 4684.44/N					0.9369/
(19)/22 800mm x 610mm rectangular					
4 No. P. N-8					
① 6515.32/N					
					20,061/
(20)/23 610mm x 450mm rectangular					
4 No. P. N-8					
① 4563.62/N					
					18,254/
(21)/24 910mm x 450mm rectangular					
0.2					
1 No. P. N-8					
① 8299.74/N					0.8300/
(22)/25 Directional plate					
5 No. P. N-8					
① 10175.10/N					0.50,876/

Continuation

T-07309/23/

P-T-O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					8-87309,123/
(23)/26 Road marking					
with hot applied					
					ELI
266.10 m ²				P.N-8	
					② 859.51/ML
					2,28,630/
(24)/27 planting of tree					
and their manits					
					ELI
110 No.				P.N-9	
					② 852.05/ML
					9,526/
(25)/28 p/v firing					
1090.8 project					
					ELI
490.				P.N-9	
					② 10,269.67/ML
					41078/
					T-127670.357/
lim 18.99/ML					
S.O.R					② 14,56,601/
					T-126213,756/
Add 12.1. GST					
					② 745,651/
Add 1% Labours					
					② 62,138/

Continuation

T-1270,21,545/

P-T-O

Continuation