

MR-3054
સરકારી સે ચરદા

Schedule XLV-Form No. 134

જયનગર

DIVISION

વાસપટ્ટી

SUB-DIVISION

1284

MEASUREMENT BOOK

રામચંદ્ર યાદવ

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work:- Repair of Rd from					
Mankatiga To Chackraha					
Phy NO - MR-N/19-20 Jaynagar					
Agency:- Ram Chandu Yadav,					
Agreement NO - 67-MB/2021-22					
Date of commencement - 03-01-2022					
Date of completion - 02-01-2022					
Rate quoted - 0.005/ft					
Record entry					

① Prov. and fixing MR. work Bal. 2 Hs					
② clearing and grubbing					
Rd land - do -					
2 x 20 x 30 x 1.0 =					1200 m
2 x 21 x 30 x 1.0 =					1260 m
2 x 19 x 30 x 1.0 =					1140 m
2 x 21 x 30 x 1.0 =					1260 m
2 x 21 x 30 x 1.0 =					1260 m
2 x 1 x 20 x 1.0 =					400
					T = 6160 m
					= 0.620 m
③ 2/3 excavation for					
foundry - do -					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2x	9.1x	2.3x	1.60	66.98
	4x	1.6x	2.17x	1.60	21.68
	1x	7.7x	1.4x	0.25	2.20
				1.7	91.364 ³
④ Sand filling in foundry					
	1x	7.7x	2.629x	0.100	2.124 ³
⑤ Prov. P.C.C. M-15 in foundry					
	2x	9.1x	2.3x	0.200	8.37
	4x	1.6x	2.17x	0.200	2.81
	1x	7.7x	1.40x	0.15	1.62
	2x	0.40x	1.0x	0.200	0.16
					T = 12.864 ³

⑥ Prov. P.C.C. M-15 in foundry					
	2x	$\left(\frac{8.9+7.7}{2}\right) \times \left(\frac{2.1+1.5}{2}\right)$			
				x 1.40	41.83
	4x	$1.60 \times \left(\frac{1.917+1.317}{2}\right)$			
				x 1.400	14.49
	2x	$\left(\frac{0.6+2.8}{2}\right) \times \left(\frac{0.8+0.325}{2}\right)$			
				x 1.400	2.800
					T = 59.124 ³

Grm
08/62/28
78

⑦ Prov. P.C.C. M-15 in sub					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	7.5	$(1.3 + 0.7)$	$\times 1.80$	24.6
	4	$(2.2 + 1.6)$	$\times (1.17 + 0.4)$		
			$\times 2.15$		12.39
			Σ		39.39 m ²

⑧ Prov. supplying, placing and fitting HYSD bar reinforced — do —

10mm	102	2.24	$\times 0.62$		141.66
12mm	24	2.42	$\times 0.89$		158.49
16mm	60	3.89	$\times 1.58$		368.77
12mm	22	7.72	$\times 0.89$		151.16
10mm	25	3.7	$\times 0.62$		57.35
10mm	13	7.72	$\times 0.62$		62.22
12mm	10	2.4	$\times 0.89$		21.36
			Σ		961.01
			Σ		0.9614T

⑨ Prov. Placing concrete in 20 M sub structure — do —

	2	7.5	$\times 0.70$	$\times 0.200$	2.150
	2	7.5	$\times 0.40$	$\times 0.300$	1.80
	4	2.2	$\times 0.40$	$\times 0.150$	0.528
	2	9.0	$\times 0.40$	$\times 0.60$	4.32
			Σ		8.798 m ³

⑩ Prov. Bituminous painting over to surface —

	2	7.5	$\times 0.80$		10.50
	2	7.5	$\times 0.50$		4.8
			Σ		15.30 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑪ Proj. Rec. 1425 dale slab					
1 x 7.50 x 3.56 x 0.200 =					8.01 m ²
⑫ Proj. and, fly heady pile					
2 x 7.50 =					15.01
⑬ Proj. wroplish					40 1/2
⑭ Proj. drivers 1000 =					2 1/2
⑮ Painting two wdo					
2 x 9 x 0.40 =					7.20
4 x 9 x 0.60 =					31.60
4 x 0.40 x 0.60 =					0.96

T = 29.86 m

⑯ 2/10 excavation for found ² do					
2 x 9.65 x 3.2 x 2.25 =					140.50
1 x 9.85 x 2.35 x 2.25 =					52.66
4 x 1.433 x 2.96 x 2.25 =					38.62
2 x 7.5 x 0.967 x 0.475 =					6.89
2 x 13.46 x 1.0 x 2.25 =					60.97
2 x 1.125 x 1 x 2.25 =					5.12
2 x 3.125 x 1.0 x 2.25 =					14.22
2 x 0.967 x 2.22 x 0.475 =					2.109
1 x 11.4 x 3.125 x 0.475 =					16.92
					T = 338.03 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	Q.	
(11) Land filling (contd)					
for each side					
	2	9.65	3.20	0.100	6.18
	1	9.85	2.35	0.100	2.31
	4	1.435	2.962	0.100	1.80
	2	7.20	2.42	0.100	3.60
	2	13.40	1.0	0.100	2.68
	2	2.65	1.40	0.100	0.52
	2	6.65	1.40	0.100	0.92
	Total				17.934

(12) Paved surface (contd)					
for each side					
	2	9.65	3.20		6.18
	1	9.85	2.35		2.31
	4	1.435	2.962		1.80
	2	7.20	2.42		3.60
	2	13.40	1.0		2.68
	2	2.65	1.40		0.52
	2	6.65	1.40		0.92
	Total				17.934

for

12/01/23

(13) Paved surface (contd)					
	2	9.5	3.03	0.100	12.59
	1	9.7	2.2	0.100	6.10
	4	1.358	2.2	0.100	1.58

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	H.	
1 X 1.369 X 9.000					3.15
6 X 1.0742 X 1.006 X 9.795					8.35
					$\Sigma = 78.1717^0$

(22) Prov. supply slabs and fitting HYSD bar reinforcement

10mm -	106 X 9.5 X 0.62	=	230.02
12mm -	30 X 7.42 X 0.89	=	198.11
12mm -	22 X 8.10 X 0.89	=	158.60
10mm -	106 X 9.1 X 0.62	=	203.23
slot 16mm -	2 X 66 X 4.39 X 1.58	=	915.58
72mm -	2 X 52 X 7.82 X 0.89	=	637.23
10mm -	2 X 39 X 4.39 X 0.62	=	26.20
18mm -	2 X 21 X 7.82 X 0.89	=	201.53
16mm -	2 X 66 X 0.90 X 1.58	=	187.20
slot 16mm -	2 X 12 X 3.20 X 1.58	=	61.54
		$\Sigma =$	2868.146
			= 2.8747

672
0510323
7.8

(23) Prov. RCC 420 RT
Substructure

2 X 7.5 X 0.7 X 0.200	=	2.10
1 X 7.5 X 1.20 X 0.200	=	1.80
1 X 1.13 X 0.200	=	0.23
2 X 7.5 X 0.30 X 0.37	=	1.67

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	12.4	0.30	0.45	3.35
	4	0.40	0.40	0.60	0.98
	2	13.20	0.40	0.60	6.34
					$T = 15.874^0$
(24) Prov. R.C.C. H 20 in day					
866					
	2	7.5	3.97	0.320	22.53
(25) Prov. and filling sand					
866					
	3	7.5			28.50
(26) Prov. weep holes					20.16
(27) Prov. drain spud					866
(28) Construction of subgrade					
& shoulder					
	2	18	0.90	0.30	291.60
	2	16	30	0.95	223.60
	2	23	30	1.00	483.00
	2	15	30	1.20	378.00
	2	15	30	1.00	288.00
	2	15	30	1.1	346.50
	2	10	1.0	0.300	18.00
					$T = 2078.20$
(29) Prov. W.S.B. 100-I mtd					
	22	2.1	0.60	0.1m	2.88
	24	1.8	0.75	0.1m	3.24

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	6	3.4	3.05	0.1m	6.22
	2	3.0	0.45	0.1m	2.180
	8	1.45	1.20	0.025	1.04
	29	1.2	0.45	0.1m	1.57
	6	3.15	1.9	0.15	5.39
	1	6.4	1.65	0.15	1.58
	6	4.15	1.26	0.1m	2.99 1.25
	2	5.3	1.2	0.1m	1.27
	5	3.4	1.30	0.15	3.32
	1	5.86	1.40	0.1m	0.81
	18	1.20	0.45	0.1m	0.97
	1	7.58	1.4	0.1m	1.06
	2	2.5	4.05	0.20	1.25

$$T = 38.98 \text{ m}^2$$

6/12

18/03/23

7.5

③ Pm. wibm go-11 14/13

22	2.1	0.60	0.025	2.108
24	1.8	0.75	0.025	2.43
6	3.4	3.05	0.025	4.67
2	3.0	0.45	0.025	2.63
8	1.45	1.20	0.025	1.04
29	1.2	0.45	0.025	1.17
6	3.15	1.90	0.025	2.169
1	6.4	1.65	0.025	0.29

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	6x	4.15x	1.2x	0.085=	2.24
	2x	5.3x	1.20x	0.075=	0.95
	5x	3.4x	1.3x	0.075=	1.66
	1x	5.8x	1.40x	0.075=	0.61
	18x	1.2x	0.45x	0.075=	0.23
	1x	7.58x	1.40x	0.075=	0.80
	2x	2.50x	4.05x	0.075=	1.52
	2x	22x	3.25x	0.075=	12.38
	2x	30x	3.25x	0.075=	16.88
	1x	13x	3.25x	0.075=	3.66
	22x	1.6x	2.35x	0.075=	6.20
	12x	2.54x	1.80x	0.075=	4.11
	4x	2.40x	2.10x	0.075=	1.44
	7x	3.40x	0.30x	0.075=	0.55
	17x	1.6x	1.48x	0.075=	3.02
	6x	4.5x	1.54x	0.075=	3.12
	1x	24.58x	1.50x	0.075=	2.40
	4x	6.98x	1.50x	0.075=	3.14
					72 82.3043
					her 2 82.113 2p
					72.08
					12.50
					128.81
					72.14
					1094.84
					4.48
					1099.32

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(32) Prv. Touch carb					
	82.113		0.4852		1094.84
	32	3.5	1.60		129.20
	9	4.25	1.452		55.46
	33	3.85	1.052		158.81
	18	2.90	1.452		75.69
	39	4.35	1.482		251.08
	41	2.85	1.502		125.28
	37	1.68	2.152		133.64
	2	8.38	3.052		51.12
	24	3.85	1.752		161.80
	36	6.24	2.452		594.47
				72	2931.2942

(33) Prv. Patchy by mass

Same area wide free

No - (32) + Prv P (11) = 2931.2942

(34) Prv. Touch load

22 x 30 x 3.75 = 2475.00

22 x 30 x 3.25 = 2145.00

11 x 30 x 3.25 = 1072.50

1 x 8 x 4.0 = 32.00

14 x 30 x 3.25 = 1365.00

1 x 2 x 5.0 = 10.00

12 x 30 x 3.25 = 1170.00

12 x 30 x 3.25 = 1170.00

9 x 30 x 3.25 = 877.50

1 x 20 x $\frac{(3.75 + 6.11)}{2}$ = 98.8042

T = 10504.5042

Continuation 11615.5042

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(35) Prov. S.D.C. — do —					1220.00
Same area wide floor					1220.00
NO - (39) 8 Topp P (11)					290.39
i.e. 10504.50 x 0.025 =					262.6137
(36) Prov. and finy key P					38.00
2004 post — do —					1530.00
(i) ordinary key post =					4 Nos
(ii) zero4 post =					12 Nos
(37) Prov. and finy bending pillar					37.25
(38) Prov. and finy return reflector mri Base					
(i) 600 mm equilateral forke					9 Nos
(ii) 600 mm circular =					2 Nos
(iii) 600 x 450 mm netguz =					6 Nos
(39) Prov. road marking with hot-applied thermoplastic paint					
2 x 20 x 30 x 0.100 =					120.00
2 x 23 x 30 x 0.100 =					138.00
2 x 25 x 30 x 0.100 =					150.00
2 x 25 x 30 x 0.100 =					150.00
2 x 9 x 30 x 0.100 =					54.00
2 x 17 x 20 x 0.100 =					68.00
					$T = \frac{558.00}{2} = 279.00$
(40) Prov. B/M item (1/4)					616.00
2 x 2 x 6 x 0.4 x 0.600 =					5.2644

Continuation

Sch. XLV-Form No. 134

[illegible]

1	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100

2nd and final Bill

21

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work:- Repair of Rd					
from Narkatiya To Chacharala					
PKG NO - MR - N/19-20 Jy - 05					
Agency - Ram Chandra Yadav					
Agreement No - 67-HBD/2020-21					
Date of Commencement - 03-01-2022					
Date of Completion - 02-01-2023					
Actual date of completion - 30-04-23					
Rate quoted - 0.00%					

Record Entry.

Further measurement = NIL

6/2

30/09/23

ABSTRACT OF COST

① Clearing and grubbing
Rd land - de

Qty vide p-① of 7mm

0.616 Hec @ 51137.38/- = 31500/-

② Pm. and fix MR 1000
Board - d

Qty vide p-① of 7mm

2 Nos @ 9288.75/- = 18775/-

③ Work of subgrade photo

Qty vide p-① of 7mm

2072.70 m³ @ 191.64/- = 397262/-

④ Pm. work on 1 meter

Qty vide p-① of 7mm

38.926 m³ @ 3007.81/- = 117222/-

72564722/-

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Prm. wavy green Mat. Qty vide P-10 8 Nos. 89.1157 ³ @ 2 376551/4 ² @ 2 309239m					
(6) Prm. prime coat - d Qty vide P-10 8 Nos. 1099.324 ² @ 2 45.44/4 ² @ 2 47254m					
(7) Prm. Tack coat - d Qty vide P-10 8 Nos. 11615.504 ² Qty vide P-11 8 Nos. 14546.79 @ 2 14.85/4 ² @ 2 216020m					
(8) Prm. Patching by H/S Qty vide P-16 8 Nos. 2931.294 ² @ 2 222.75/4 ² @ 2 65261m					
(9) Prm. S.D.C. - d Qty vide P-12 8 Nos. 290.394 ² @ 2 10972.09/4 ² @ 2 3186185m					
(10) Prm. and fly key Prol Qty vide P-13 8 Nos. 4 Nos. @ 2 2297.63/4 ² @ 2 9191m					
(11) Prm. other minor Prol Qty vide P-13 8 Nos. 12 Nos. @ 2 618.71/4 ² @ 2 2425m					
(12) Prm. and fly boundary pillao - d Qty vide P-15 8 Nos. 37 Nos. @ 2 533.08/4 ² @ 2 19724m					
					7-55013919m

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Imm. and finishing - reflective form board.					
Qty vide P-15 8 mm 600 mm square form					
12 Nos e 2		618.77/m ²			7425=
(14) 600 mm circular					
2 Nos e 1		3737.17/m ²			7474=
(111) 600 x 400 mm rectang					
6 Nos e 1		3609.26/m ²			21656=
(14) Imm. sand using with hot-applied therm plastic paint					
Qty vide P-12 8 mm					
616.04 m ² e 1		721.91/m ²			444697=
(15) Imm. 13/4 in cm (1:4)					
Qty vide P-16 8 mm					
3.84 m ³ e 1		5229.88/m ³			20083=
(16) Imm. plaster with cm (1:4)					
Qty vide P-12 8 mm					
60.88 m ² e 1		167.74/m ²			10145=
(17) Painting two coats					
Qty vide P-16 8 mm					
29.26 m ² e 1		99.44/m ²			2959=
(18) Imm. 2/3 in excavating					
Qty vide P-16 8 mm					
91.36 m ³ e 1		269.32/m ³			24605=
(19) Imm. sand. tiles in hand					
Qty vide P-16 8 mm					
2.02 m ³ e 1		489.13/m ³			988=

T=55 539512

Continuation

T-5 63721812



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(27) Prov. Warpholes - do					
Qty vide p- (17) 8 Tms					
60 NOS @ 82.98 each					33192
(28) Prov. drainage spout do					
Qty vide p- (17) 8 Tms					
2 NOS @ 619.40 each					12392
(29) Prov. E/W excavation for foundry - do					
Qty vide p- (17) 8 Tms					
338 m ³ @ 269.32/m ³					9103020
(30) Sand filling & haulage					
Qty vide p- (17) 8 Tms					
17.95 m ³ @ 459.12/m ³					877020
(31) Prov. B/Plat - do					
Qty vide p- (17) 8 Tms					
179.34 m ² @ 250.84/m ²					4498620
(32) Prov. P.C.C. 15 in foundry					
Qty vide p- (18) 8 Tms					
48.68 m ³ @ 5698.13/m ³					27732520
(33) Prov. P.C.C. 5 in foundry					
Qty vide p- (18) 8 Tms					
139.30 m ³ @ 5698.13/m ³					79375020
(34) Prov. P.C.C. in subgrade					
Qty vide p- (18) 8 Tms					
78.17 m ³ @ 6179.78/m ³					48307320
(35) Prov. P.C.C. in m/s					
Qty vide p- (18) 8 Tms					
15.85 m ³ @ 6503.53/m ³					10314120

T = 817873420

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(36) Proc. R.C.C. 7-25 deck slabs — do —				14	
Qty vide P-18 B-Tms					
22.03/02 7077.59/125					15591920
(37) Supply, placing & fixing M.S.D. bars reinforcement					
Qty vide P-18 B-Tms					
2.87/11/02 52975.18/1100					1506040
(38) Proc. & fixing of reinforcement					
Qty vide P-18 B-Tms					
22.03/02 36.96/112					8320
(39) Proc. & fixing of reinforcement					
Qty vide P-18 B-Tms					
20.10/02 82.98/0000					166000
(40) Proc. & fixing of reinforcement					
Qty vide P-18 B-Tms					
8.10/02 619.40/0000					4955000
				T=8	84927040
(41) Add L.C. @ 1% = 4/6					8492700
(42) Add Ins. @ 12% = 4/1					10191240
(43) Add S.P. @ 10% = 4/1					6535800
				T=8	966211300
Less previous payments					92713520
vide P-18 B-Tms					
				T=8	39074800
6/11/02					

30/01/23

K Continuation