

MMHSY - SC
Schedule XIV Form No. 134

9
गोमते

DIVISION

दर-असोय

SUB-DIVISION

Name of Worker: Ravi Vikram MMHSY MMHSY
to Bhunihar Tola

MEASUREMENT BOOK 508

Narveet Kumar.

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 road: - cut. of road					
work with or without					
maintenance from					
Village panchayat					
to Bhimnagar Taluk					
Survey Scheme					
Agency: - Nagarik Karyak					
Survey No. - 501/502					
PS - Aracai Muzaffarpur					
App. No. - 20/502/2022-23.					

D/O/S: - 04/01/2023
 P/O/C: - 03/01/2024

(Date of entry

1) clearing of ground

road 20m - 10m

— 2

2 x 26 x 30.00 x 3.50

— 5760.00

2 x 1 x 22.00 x 3.50

— 170.00

5930.00

Surf = 0.56 ha

Crust = 0.53 ha

② P/S working B.M

f reference pillar

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Rate of entry:-					
① Cont. of subgrade					
f earthen shaft					
→ - >					
for BT pipe					
2 x 20.0 x 4.70 x 0.30					308.70 m
1 x 10.0 x 4.15 x 0.30					12.45 m
1 x 30.0 x 4.0 x 0.30					36.0 m
1 x 10.0 x 4.20 x 0.30					12.60 m
2 x 30.0 x 4.50 x 0.30					162.0 m
1 x 17.0 x 4.90 x 0.30					24.99 m
					558.74 m

② P/L/S/C WBM III m					
cc put -					
for Bone cutting.					
for 10.0 m, 0.02, item 2					
	7.81				
	0.10				
					5.86 m

③ Cont. of GSB-I m					
cc put m					
	1	23.0	3.86 (9.1)	0.10	8.91 m
	1	30.0	3.55 (9.1)	0.10	10.65 m
	1	15.0	3.70 (9.1)	0.10	5.55 m
	1	10.0	4.28 (9.1)	0.10	4.28 m
	1	25.0	3.75 (9.1)	0.10	9.38 m
	1	25.0	3.40 (9.1)	0.10	9.00 m

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	30.0	3.5	0.10	22.50
	1	19.0	3.6	0.10	6.84
	2	30.0	3.5	0.10	22.50
	1	11.0	3.65	0.10	4.02
				Total	103.62
per BT portion					
	1	19.0	3.30	0.20	14.82
	2	30.0	4.05	0.20	32.90
	1	30.0	3.85	0.20	23.10
	1	10.0	3.90	0.20	7.80
	1	30.0	4.05	0.20	24.30
	1	28.0	4.05	0.20	22.68
	2	30.0	3.65	0.20	43.80
	1	26.0	4.05	0.20	21.06
	3	30.0	3.60	0.20	64.80
	1	10.0	3.45	0.20	6.90
	2	1	(5.30 - 3.25)	1.00	1.86
				Total	304.02
					(6)
Total	25 BT: (103.62 + 304.02)				
	= 407.64				
Carry over from P. 02 (4) 7.81					
	415.45				
					(EC)

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of Entry: -					
(1) P/L 15/10 WBM-II					
- 40 - 40 -					
JK					
for CC path					
for existing CC P/Conn					
1x	25.00	2.70	0.125	-	5.062
2x	1.95	1.50	0.025	-	0.331
2x	1.90	1.40	0.025	-	0.901
9x	2.50	1.70	0.025	-	2.871
2x	0.25	0.25	0.025	-	0.301
17x	0.90	0.90	0.025	-	1.033
4x	1.90	1.40	0.025	-	0.801
7x	0.60	0.60	0.025	-	0.111
4x	4.80	1.90	0.025	-	2.021
				+	12.951
Total CC path					
1x	25.00	3.88	0.025	-	6.681
1x	30.00	3.55	0.025	-	2.991
1x	18.00	3.70	0.025	-	4.161
1x	10.00	4.28	0.025	-	3.211
1x	25.00	3.75	0.025	-	2.031
1x	25.00	3.60	0.025	-	6.351
2x	30.00	3.75	0.025	-	16.881
1x	19.00	3.60	0.025	-	5.131
2x	30.00	3.75	0.025	-	16.881
1x	11.00	3.65	0.025	-	3.011

Continuation

7.22

77.7/m

75)

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Total WBM - II					
for BT portion					
1x19.0	x	3.65	x	0.075	-5.20
3x30.0	x	3.25	x	0.075	-25.31
1x30.0	x	3.65	x	0.075	-8.10
1x10.0	x	3.65	x	0.075	-2.74
1x3.0	x	3.62	x	0.075	-0.83
1x30.0	x	3.75	x	0.075	-8.94
1x28.0	x	3.90	x	0.075	-8.19
2x30.0	x	3.55	x	0.075	-15.98
1x26.0	x	3.25	x	0.075	-7.31
3x30.0	x	3.5	x	0.075	-26.63
1x10.0	x	3.35	x	0.075	-2.51

C, 2x2	x	(5.21-3.25)	x	6.00	x	0.075	-0.72
							108.93

(C)

Total WBM - II

(a + b + c)

= 199.55 m³

corr. for site

TMB, 0.03, 10.02 5.81 m³total = 205.41 m³

(d)

7
0.5/0.5/7
20

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Rate of entry					
①	ent. of up				
	run and oc				
	m30				
	— + —				
	30				
Rate					
	1 x 7.00	4.30	3.80	0.16	4.50 m ²
	4 x 30.00	3.75		0.16	72.00 m ²
	1 x 23.00	3.88 (90)		0.16	12.28 m ²
	1 x 30.00	3.50 (90)		0.16	17.04 m ²
	1 x 15.00	3.70 (90)		0.16	8.88 m ²
	1 x 10.00	4.28 (90)		0.16	6.85 m ²
	1 x 25.00	3.75		0.16	15.00 m ²
	1 x 25.00	3.60 (90)		0.16	14.72 m ²
	2 x 30.00	3.75		0.16	38.00 m ²
	1 x 19.00	3.60		0.16	10.94 m ²
	2 x 30.00	3.75		0.16	38.00 m ²
	1 x 11.00	3.85		0.16	6.42 m ²
				4.60	242.32 m ²
② Prime and					
	(55-1)				
	50				
	1 x 19.00	3.65 (90)			69.35 m ²
	3 x 30.00	3.75			337.50 m ²
	1 x 30.00	3.60			108.00 m ²
	1 x 10.00	3.65			36.50 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 3.40 x 3.675 x					- 11.03 m ²
1 x 3.40 x 3.75					- 112.7 m ²
1 x 28.0 x 3.90 m					- 109.2 m ²
2 x 3.40 x 3.55					- 213.0 m ²
1 x 26.0 x 3.75					- 97.5 m ²
2 x 20.0 x 3.75					- 215.0 m ²
1 x 10.0 x 3.35					- 33.0 m ²
2 x 1/2 x (5.30 - 3.75) x 6 m					- 9.30 m ²
					1452.38 m ²
					Limit - 1325.63 m ²

1.7

08/01/24

Sub. of Estt.

① P/A road work

(RS-1) - 1 -

52

4th item in MB

P-07, item - 02

1452.38 m²

Limit - 1325.63 m²

② P/L/R mss of 20

mm th - 1 -

52

4th item in MB

P-07, item - 02

1452.38 m²

Continuation 1325.63 m²

1.7

09/01/24

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of entry					
① Cont of Subroad					
4 earthwork should					
— 10 — 5 m					
for BF part.					
Side of 450-5					
	2x7x	30.00	0.60	0.20	52.80
	2x2x	30.00	0.60	0.20	14.40
	2x2x	30.00	0.60	0.20	19.60
Side of 450-15					
	2x7x	30.00	0.60	0.20	17.60
	2x2x	30.00	0.60	0.20	5.40
					91.99
for CC part					
Side of 450-5					
LHS	1x1x	30.00	0.50	0.10	1.50
	2x1x	15.00	0.60	0.10	1.80
	2x2x	30.00	0.40	0.10	5.20
RHS	1x1x	15.00	0.30	0.10	0.45
	2x9x	30.00	0.30	0.10	7.80
	2x2x	30.00	0.50	0.10	6.30
Side of 450-15					
LHS	1x1x	30.00	0.50	0.02	1.13
	2x1x	15.00	0.60	0.02	1.41
	2x2x	30.00	0.40	0.02	4.28
RHS	1x1x	15.00	0.30	0.02	0.35
	2x9x	30.00	0.30	0.02	5.85
	2x2x	30.00	0.50	0.02	4.73
Side of 450-15					
LHS	1x1x	30.00	0.50	0.10	2.40

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2x1x	5.00	0.645	0.16	3.00 m
	2x2x	30.00	0.475	0.16	9.12 m
RHS	1x1x	15.00	0.315	0.16	0.781
	2x4x	30.00	0.345	0.16	12.78 m
	2x2x	30.00	0.525	0.16	10.08 m
					29.22 m
					5b
Total qty = (a) + (b)					
= 121.21 m					
carry qty					
viewing, p-03, item-1, 1556.24 m					
727.95 m					
5c					

② P/L 10m stone, 20.					
m stone + boundary					
pillar - 1					
km stone - 02 - (a)					
200m stone - 03 m - (b)					
boundary pillar - 20 m - (c)					
③ P/E of masonry					
cutting masonry					
10m board - 1					
500 mm circular - 04 m - (a)					
900 mm circular - 03 m - (b)					
600 mm x 450 mm - 02 m - (c)					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) P/L HATC at					
2.5 m PL road					
marking - do -					
for ECC Pm					
$2 \times 13 \times 30.00 \times 0.10$					$78.00 m^2$
$2 \times 1 \times 15.00 \times 0.10$					$3.00 m^2$
					$81.00 m^2$
					$80.00 m^2$
					(5)
for BT portion					
$2 \times 13 \times 30.00 \times 0.10$					$78.00 m^2$
$2 \times 1 \times 5.00 \times 0.10$					$1.00 m^2$
					$79.00 m^2$
					$79.00 m^2$
					(5)
(5) planting of trees					
— + — 2					
Jack - - 32 nos					
(6) P/E direction P					
place identification					
board - do -					
(7) P/E of typical					
manholes, large, 1000					
— + —					
— + —					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Cogo -	02	ms			
CIB -	01	ms			
mainer	2	01	ms		
		04	ms		✓
⑧ 0/w (1:3) in					
perpet -					
for 02 ms of culm					
	2x2x3.0x0.40x0.60				2.88ms ✓
⑤ 0/w 0cc m/w Coking					
for 02 ms culm					
	2x2x3.0				12.00ms
⑩ pleatins with C.G. (1:4)					
for 02 ms culm					
Side	2x4x3.0x0.80				19.20ms ✓
Top	2x2x3.0x0.80				4.80ms ✓
front	4x4x0.90x0.60				1.92ms ✓
					21.12ms
⑪ 0/w curv at					
embankment with					
materials obtain					
from borrow pit -					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) 1/2 of road					
	1.25	10	1	1	
		10			
4/2 1/2 m B.P. 1, item 2(b)					
0.25 km @ 140 92.03/km 4 3032.0					
(2) 1/2 of reference pillar					
	1	1	1	1	
4/2 1/2 m B.P. 1, item 2(b)					
0.25 km @ 140 92.03/km 4 3032.0					
(3) clearing & grubbing					
road 1/2 m					
	1	1	1	1	
4/2 1/2 m B.P. 1, item 2(b)					
0.5 km @ 5299 56.70/km 4 26233.0					
(4) Gravel in road					
1/2 m					
	1	1	1	1	
4/2 1/2 m B.P. 1, item 2(b)					
3.25 km @ 140 92.03/km 4 3032.0					
(5) 1/2 of road					
with materials above					
from borrow pit					
	1	1	1	1	
4/2 1/2 m B.P. 1, item 2(b)					
190.02 m @ 140 92.03/km 4 3032.0					
(6) 1/2 of road					
from borrow pit					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1					
Qtr side TMB, P-12, item 11(b)					
147.33 m ² @ 136.27/m ²					200433.0
(7/6) cut. of subgrade					
center line					
— 4 — 57					
Qtr side TMB, P-03, item 1(c)					
724.95 m ² @ 176.35/m ²					128615.0
(8/7) cut. of G5B-I to —					
— 57					
Qtr side TMB, P-03, item 3(c)					
715.45 m ² @ 2953.34/m ²					1226952.0
7/8+13) P/L 51C wpm-14					
— 4 — 57					
Qtr side TMB P-05, item 1(d)					
205.41 m ² @ 3591.45/m ²					739720.0
(10/9) P/A prime coat					
(55-2) — to —					
Qtr side TMB, P-02, item 02					
1325.63 m ² @ 41.08/m ²					54457.0
(11/10) P/A Tack coat (RS-1)					
— 4 — 57					
Qtr side TMB, P-08, item 01					
1325.63 m ² @ 13.93/m ²					18466.0
(12/11) P/A/R mss of 20mm					
th. — 4 — 57					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Q12 side m3 p-08, item-02					
1325.63 m ³ @ 6		206.29/m			62334512
(14/12) P/L of masonry					
CC m30 - 1					
SV					
Q12 side m3 p-02, item-01					
242.32 m ³ @ 6		2489.28/m			1814796
(14/12) P/L Rec m15 m					
stone - 1					
Q12 side m3 p-04, item-2(c)					
02 m3 @ 6		2376.36/m			64213.2
15/15/11) P/L Rec m15 200 -					
Q12 side m3 p-10, item-2(b)					
03 m3 @ 6		634.34/m			19032
(15/16) P/L Rec m15 boundary					
pillar - 1					
Q12 side m3 p-10, item-2(c)					
02 m3 @ 6		500.35/m			10007
(14/17) P/L of masonry					
curb, masonry					
100 mm bar - 1					
(600 mm curb)					
Q12 side m3 p-10, item-3(a)					
04 m3 @ 6		4844.12/m			19338
15/15/11) P/L Cur - masonry					
100 mm bar - 1					
(500 mm curb)					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4th side TMB, P-10, item-3(c)					
02 m ² @ 9480.75/m ²					109812
(18/17(c)) P/L inter-rail					
Calium manhole					
4th side TMB, P-10, item-3(c)					
02 m ² @ 94718.61/m ²					99392
(15/18) P/L HATC of 2.5m					
min th in 3 T. Park					
4th side TMB, P-11, item-4(b)					
70.00 m ² @ 735.40/m ²					51479
(19/19) P/L HATC of 2.5m					
cc path					
4th side TMB, P-11, item-4(b)					
80.00 m ² @ 820.83/m ²					65666
(21/20) planting of tree					
by the road - 1					
4th side TMB, P-11, item-05					
32 m ² @ 800.30/m ²					25610
(22/22) P/L River & dike					
board - 1					
4th side TMB, P-11, item-08					
01 m ² @ 3205.54/m ²					3205

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(23/23) P/L of typhoid					
masonry board with					
logs - 10 -					
5 1/2					
Qty. with masonry, p-11, item-02					
24 m ² @ 10983.28/m ² is 939992					
(24/24) B/L (1:2) in					
concrete - 10 - 1/2					
Qty. with masonry, p-12, item-08					
2.88 m ² @ 5773.25/m ² is 166282					
(25/25) P/L pce. masonry coping					
10 - 1/2					
Qty. with masonry, p-12, item-09					
12.00 m ² @ 441.09/m ² is 5293.0					
(26/26) plastering with					
C. m. (1:4) - 10					
10 - 1/2					
Qty. with masonry, p-12, item-10					
21.12 m ² @ 176.21/m ² is 37212					
total 46.08 895.00					
4611176.00					
add 12.7.4 3740.00 (C)					
599156.00					
599053.00					
5208051.00					
5210629.00					
less 12.21 1/2 as per gr. (C)					
635903.00					
636218.00					
net payable amt					
4572198.00					
4574411.00					
18/10/2014					
24					
C.R.P.					
Am					
04/03/21					

Continuation