

N.H- 103 Andharawan to Dhandhua Chowk

Schedule XLV-Form No. 134

MAHAR

DIVISION

J ANDAHA

SUB-DIVISION

MEASUREMENT BOOK

602

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
IST on A/c bin					
Name of work - N.H-103					
Anaphawar to					
Dhadhwa					
Agency - Ratnesh Const. Pvt					
Agreement No -					limited
date of starting - 6/3/20					
date of completion - 5/12/20					
Record entry of - 24/11/20					

1. clearing and grubbing
ing road bank

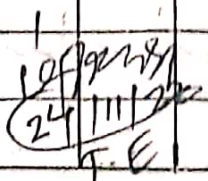
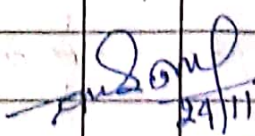
$$0.900 \times 2 \times 1 \text{ m} = 1800 \text{ m}^2$$

$$= .18 \text{ Ha}$$

2. constt. of Lt. B.B. Gr-II
 4.1

$1 \times 6.51 \times 1.51 \times .175 =$	1.720
$1 \times 3.34 \times 1.95 \times .175 =$	1.140
$1 \times 6.22 \times 1.51 \times .175 =$	1.649
$1 \times 4.27 \times 2.26 \times .175 =$	1.689
$1 \times 4.27 \times 1.95 \times .175 =$	1.457
$1 \times 8.04 \times 1.51 \times .175 =$	2.128
$1 \times 7.94 \times 1.95 \times .175 =$	2.710
$1 \times 3.61 \times 2.07 \times .175 =$	1.308
$1 \times 3.75 \times 1.19 \times .175 =$	.781

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x4.52x1.41x.175=					1.115 ✓
1x3.61x1.36x.175=					.859 ✓
1x2.78x1.51x.175=					.735 ✓
1x3.73x1.88x.175=					1.227 ✓
1x2.83x1.82x.175=					.901 ✓
1x8.74x1.51x.175=					2.310 ✓
1x4.57x2.26x.175=					1.807 ✓
1x7.34x.91x.175=					1.169 ✓
1x7.68x2.26x.175=					3.037 ✓
1x3.69x2.26x.175=					1.459 ✓
1x3.23x1.19x.175=					.673 ✓
1x2.83x1.95x.175=					.966 ✓
1x11.31x1.88x.175=					3.665 ✓
1x3.93x1.95x.175=					1.341 ✓
1x2.83x1.36x.175=					.674 ✓
1x4.76x2.07x.175=					1.724 ✓
1x5.93x1.51x.175=					1.567 ✓
1x4.47x2.26x.175=					1.768 ✓
1x5 x 1.79x.175=					1.566 ✓
					= 43.136 m ³ ✓
3. constt. of subgrade					
and earthen shoulders					
Flank = 030x30x2x.70(2) x.30					
					= 378 m ³ ✓
 J.E.  P. S. S. S.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record 24/24 42-</u>					<u>30/11/20</u>
1. P/V laying W.B.M-II					
1x8.01x1.47x.075=					.883
1x4.84x1.91x.075=					.693
1x7.72x1.47x.075=					.851
1x5.77x2.22x.075=					.961
1x5.77x1.91x.075=					.827
1x9.54x1.47x.075=					1.052
1x9.44x1.91x.075=					1.352
1x5.11x2.03x.075=					.778
1x5.25x1.15x.075=					.453
1x6.02x1.37x.075=					.619
1x5.11x1.32x.075=					.566
1x4.28x1.47x.075=					.472
1x5.23x1.84x.075=					.722
1x4.33x1.78x.075=					.578
1x10.24x1.47x.075=					1.129
1x6.07x2.22x.075=					1.011
1x8.84x.87x.075=					.577
1x9.18x2.22x.075=					1.528
1x5.19x2.22x.075=					.864
1x4.73x1.15x.075=					.408
1x4.33x1.91x.075=					.620
1x12.64x1.84x.075=					1.744
1x5.43x1.91x.075=					.778
1x4.33x1.32x.075=					.429
1x6.26x2.03x.075=					.953

Continuation

1

~~2.01~~
30/11/20
GR

1. P/V W.B.M 98-III

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x4.98x	1.52	x	.075	=	.568
1x5.93x	1.85	x	.075	=	.823
1x5.03x	1.83	x	.075	=	.690
1x10.94x	1.52	x	.075	=	1.247
1x6.71x	2.27	x	.075	=	1.153
1x9.54x	.92	x	.075	=	.658
1x9.88x	2.27	x	.075	=	1.682
1x5.89x	2.27	x	.075	=	1.003
1x5.43x	1.20	x	.075	=	.489
1x5.03x	1.96	x	.075	=	.739
1x13.34x	1.89	x	.075	=	1.891
1x6.13x	1.96	x	.075	=	.901
1x5.03x	1.37	x	.075	=	.517
1x6.96x	2.08	x	.075	=	1.086
1x8.13x	1.52	x	.075	=	.927
1x6.67x	2.27	x	.075	=	1.136
1x7.20x	1.80	x	.075	=	.972
1x9.97x	1.37	x	.075	=	1.024
1x10.17x	2.27	x	.075	=	1.731
1x10.40x	1.80	x	.075	=	1.404
1x9.97x	1.96	x	.075	=	1.466
1x9.35x	1.52	x	.075	=	1.066
1x11.12x	1.80	x	.075	=	1.501
1x11.26x	1.80	x	.075	=	1.520
				=	36.38903
2. Prime coat					

Continuation

Record entry 98-24/12/20
Tack coat
Measurement same
item no ⑤ T.M.B.P-6
= 485.19 m²
patch work over
w.B.M using mix
seal surface (type B)
Measurement same
item no ⑥ T.M.B.P-6
= 485.19 m²

107 m²
29/12/20
J.E

24/12/20
A.H

Scanned by CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record entry of - 26/12/20					
1. Tack coat					
30 x 30 x 3.75 = 3375 m ²					
2. Semi dense bituminous concrete					
30 x 30 x 3.75 x .025 = 84.38 m ³					
W.M. 26/12/20 J.B.					
S.O.M.P. 26/12/20 A.R.					
Record entry of - 29/12/20					
1. Kilometer stone					
(i) K.M Stone = 2 No					
(ii) 200m stone = 4 No					
2. Direction and place identification signs with size .9 39m board					
= 2 No					
3. Retro reflectorised Traffic signs					
(i) 600mm equilateral and Triangle					
= 10 Nos					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 600mm circular					
					= 8 Nos
(iii) 600 x 450mm					
rectangular					
					= 10 Nos
4. Road marking					
with hot applied					
Thermoplastic compound					
2530 x 30 x .10					= 180m ²
5. P/V and Fixing					
'Logo' of maintenance					
project					

= 2 Nos

105mm
29/12/20
S.V.

Samp
29/12/20
AK

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost</u>					
1. <u>Cleaning and</u> <u>grubbing road and</u> <u>dry core T.M.B P-①</u>					
					$= 18.14 \text{ Ha.}$
					$@ \text{Rs. } 49496 = 70/\text{Ha} - \text{Rs. } 8909.0$
2. <u>Const. of L.B.B Gr-II</u> <u>dry core T.M.B P-②</u>					
					$= 43.136 \text{ m}^3$
					$@ \text{Rs. } 2162 = 74/\text{m}^3 - \text{Rs. } 93292.0$
3. <u>Const. of subgrade</u> <u>and earth shoulder</u> <u>dry core T.M.B P-③</u>					
					$= 378 \text{ m}^3$
					$@ \text{Rs. } 176 = 75/\text{m}^3 - \text{Rs. } 66811.0$
4. <u>P.V.W.B.M Gr-II</u> <u>dry core T.M.B P-④</u>					
					$= 24.371 \text{ m}^3$
					$@ \text{Rs. } 3936 = 77/\text{m}^3 - \text{Rs. } 95943.0$
5. <u>P.V.W.B.M Gr-III</u> <u>dry core T.M.B P-⑤</u>					
					$= 36.389 \text{ m}^3$
					$@ \text{Rs. } 3632 = 39/\text{m}^3 - \text{Rs. } 132179.0$
6. <u>Prime coat</u> <u>dry core T.M.B P-⑥</u>					
					$= 485.19 \text{ m}^2$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					@RS 41 = 21/m ² - RS 19995.00
7. Tack coat					
					Qty of cement m. B.P. - (6)
					= 485.19 m ²
					@RS 13 = 98/m ² - RS 6783.00
8. Patch work over					
					W.B.M using mix
					gear surface type 'B'
					Qty of cement m. B.P. - (6)
					= 485.19 m ²
					@RS 213 = 75/m ² - RS 10370.00
9. Tack coat					
					Qty of cement m. B.P. - (7)
					= 3375 m ²
					@RS 11 = 72/m ² - RS 3955.00
10. Semi dense Bitu					
					minors concrete
					Qty of cement m. B.P. - (7)
					= 84.38 m ³
					@RS 104/6 = 20/m ³ - RS 8789.00
11. Kilometre stone					
					Qty of cement m. B.P. - 7
					(i) K.M stone = 2 nos
					@RS 2203 = 48/each - 4407.00
					(ii) 200 m stone = 4 nos
					@RS 602 = 96/each - 2412.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2. Directional and place identification signs.					
Qty vide T.M.B.P-7					
= 2 No.					
QPS-12308=62/area 24617.0					
13. Retro reflectorised Traffic signs.					
(i) 600mm equilateral and triangles					
Qty vide T.M.B.P-7					
= 10 No.					
QPS 3622=31/area 36222.					
(ii) 600mm circular					
Qty vide T.M.B.P-8					
= 8 No.					
QPS-3721=56/area 29772.0					
(ii) 600 x 450mm rectangular					
Qty vide T.M.B.P-8					
= 10 No.					
QPS 3592=44/area 35924.00					
14. Road marking with hot applied.					
Qty vide T.M.B.P-8					
= 180 m ²					
QPS. 735=40/m ² - 132372.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15. P/V and fixing					
Log of maintenance					
project.					
City Circle T.M.B.P-8					
= 2 No					
RS. 9272 = 75 / 10000					18546.00
					RS. 1730367.00
Add 12% GST + 6% 17.00					224948.00
Less 10% below RS					1955315.00
per Agreement AS					173037.00
					195532.00
					RS. 1557330.00
					1750783 = 1782278.00
29/12/20					AE

A.O.					
cap Area 3111111111					
material statement					15900
5300 = (i) Metal = 106 M ³					→ 16500
550 = (ii) Local sand = 22 M ³					→ 1248.00
1248 = (iii) Earth = 378 M ³					→ 2550.00
850 = (iv) Screening = 17 M ³					→ 20550.00
6850 = (v) S. chills = 137 M ³					→ 412 M.T
14798 = (vi) Emulsion = 5.5 = 42 M.T					→ 12 M.T
(vii) Bitumen = 16.00 M.T					
(viii) Emulsion R.S = 1.03 M.T					53124 =
29/12/20					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Bitumen - 9.65/70					16.100
invoice NO-452018919901/11/21					1.600 MT
consumption =					11.00 MT
Balance =					5.1 MT
② Emulsion (S.S-1)					
Bill NO-EB028971 dt 20/12/20					= 800 MT
consumption =					.412 MT
Balance =					.388 MT
③ Emulsion (R.S-1)					
Bill NO-EB028971 dt 20/12/20					= 1.800 MT
consumption =					1.03 MT
Balance =					.77 MT

Limit Rs 1557330/- As per Allotment.				
<u>Memo of Payment</u>				
Total:-	1557330	=	00	
S.D Si:-	27867	=	7	
I.T 27867	23360	=		
Less 1%:-	15573	=		
GST 2%:-	31148	=	00	215870 =
Royalty:-	53124	=		
S-Fee:-	14798	=		
By CPMS:-	1341460	=	00	
paid for Rs 1557330/- (Fifteen Lakh fifty seven thousand three hundred thirty only.				
Bt 19/11/21 Executive Engineer R.W.D., W.Div., Mahnar				

19/11/21

19/11/21

Continuation