

Confidential! MIS. R. K. Engicom. Pvt Ltd.

R. K. Comk. & Co.

Name of Road! - Surhans to Dordang

Section XIV - Town No. 1345

1000 ft. 1000

DIVISION P. W. D.

E. E. R. W. D. with Arrangabad

DIVISION

A. E. Nabimager

SUB-DIVISION

MEASUREMENT 1000

2875

Certified That This M.B. Contain (100)  
Pages By Printers Machine And Issued  
To Sri. Dinesh Singh. A.E. - R.W.D.  
Work Sub Div. Nabimager.

*Dinesh Singh*  
101720

Executive Engineer  
Rural Works Department  
Works Division, Aurangabad

*[Signature]*  
101720

Schedule SLV - Form No. 134.

EE. A. bad.

DIVISION.

A.E. Nabimager.

REMARKS.

MEASUREMENT BOOK.

211515

Sri Dinesh Singh. A.E. Nabimager.

Checked by

Checked by

निर्माण कार्य के लिये प्रमाणित है।

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

Abstract of Cost

① Clearing of subsoil road cut					
0.5581 cc. of 1/2 mile 96m @ 900 ①					
@ 849486.70/m <sup>3</sup> 827619=0					
② Cast concrete of subgrade					
earth on shoulder					
2343.60 m <sup>3</sup> of 1/2 mile 96m @ 810 ①					
@ 176.86/m <sup>3</sup> 8414723=0					
③ Gravel sub base 15cm thick					
graded material					
228.46 m <sup>3</sup> of 1/2 mile 96m @ 810 ③					
@ 2332.75/m <sup>3</sup> 532940=0					
④ Provision of 15cm spreading					
and compacting stone aggregate					
WBM-2					
133.06 m <sup>3</sup> of 1/2 mile 96m @ 810 ⑥					
@ 84228.49/m <sup>3</sup> 569294=0					
⑤ Provision of 15cm spreading					
and compacting stone aggregate WBM-3					
198.56 m <sup>3</sup> of 1/2 mile 96m @ 810 ⑤					
@ 3889.54/m <sup>3</sup> 772307=0					
⑥ Provision of applying					
prime coat with bitumen					
emulsion RS					
2647.47 m <sup>2</sup> of 1/2 mile 96m @ 810 ⑦					
@ 41.48/m <sup>2</sup> 109817=0					
⑦ Provision of applying					
prime coat with bitumen emulsion RS					
2647.47 m <sup>2</sup> of 1/2 mile 96m @ 810 ⑦					
@ 14.07/m <sup>2</sup> 37250=0					
24,63,952=0					





Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
<b>MEASUREMENT</b>					
① <u>Clearing and Grubbing road land</u>					
8m x 23m x 30m x 1.00m =					1380.00 m <sup>2</sup>
2m x 20m x 1.00m =					40.00 "
					1420.00 m <sup>2</sup>
					0.142 Hec
② <u>Construction of subgrade and earthen shoulder</u>					
2m x 23m x 30m x 0.70m x 0.6m =					579.60 m <sup>3</sup>
2m x 20m x 0.70m x 0.6m =					16.80 "
					596.40 m <sup>3</sup>
③ <u>Gravel subgrade</u>					
<u>Well graded material</u>					
6m x 1.67m x 0.175m =					35.07 m <sup>3</sup>
7m x 2.50m x 0.175m =					31.39 "
11m x 2.15m x 0.175m =					35.18 "
9m x 2.60m x 0.175m =					33.00 "
13m x 2.15m x 0.175m =					33.02 "
19.83m x 5.00m x 0.175m =					17.35 m <sup>3</sup>
					274.86 m <sup>3</sup>
④ <u>Primary layer of subgrade</u>					
<u>and compacting subgrade</u>					
6m x 20m x 1.67m x 0.075m =					15.03 m <sup>3</sup>
7m x 10.25m x 2.50m x 0.075m =					13.45 "
8m x 8.50m x 2.15m x 0.075m =					15.08 "
9m x 30m x 2.60m x 0.075m =					52.65 "
13m x 6.75m x 2.15m x 0.075m =					14.15 "
5m x 2.10m x 2.95m x 0.075m =					23.34 "
					133.70 m <sup>3</sup>

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
<b>(5) Annular, lorry, 3/16" - 1/8" comp</b>					
<b>and concentricity 2 lines - 19.45 m<sup>3</sup></b>					
6 m x 2 m x 1.67 m x 0.075 m =					15.63 m <sup>3</sup>
7 m x 10.25 m x 2.5 m x 0.075 m =					13.45 "
11 m x 8.50 m x 2.15 m x 0.075 m =					15.08 "
9 m x 9 m x 2.60 m x 0.075 m =					52.65 "
13 m x 6.75 m x 2.15 m x 0.075 m =					14.15 "
5 m x 21.10 m x 2.55 m x 0.075 m =					22.34 "
					133.70 m <sup>3</sup>
<b>(6) Primaries and apply</b>					
<b>Primer coat 1st 5/16" emulsion RS,</b>					
280.57 / 0.075 =					3741.20 m <sup>2</sup>
<b>(7) Primaries and apply</b>					
<b>Coat coat 1st 5/16" emulsion RS,</b>					
3741.20 m <sup>2</sup>					3741.20 m <sup>2</sup>
<b>(8) Patch work over 2 m x 1 m</b>					
<b>1st 1/4" Mix Seal Surface</b>					
0.75 m x 0.75 m x 0.75 m =					3741.90 m <sup>2</sup>
<b>(9) Patch coat - Primaries and</b>					
<b>apply 1st coat coat 1st</b>					
<b>5/16" emulsion RS,</b>					
29 m x 30 m x 3.05 m =					2653.50 m <sup>2</sup>
2.95 m x 3.05 m =					9.00 "
					2662.50 m <sup>2</sup>
<b>(10) Primaries and apply Semi</b>					
<b>dense 5/16" emulsion RS</b>					
29 m x 30 m x 3.05 m x 0.025 m =					266.34 m <sup>3</sup>
2.95 m x 3.05 m x 0.025 m =					0.23 "
					66.57 m <sup>3</sup>

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(11) Kms. Laid = 5 m					
(12) 200 m Laid = 17 m					
(13) Directional flow of water					
2.5 m x 0.8 m x 0.8 m = 1.6 m <sup>3</sup>					
(14) 600 mm x 400 mm x 0.8 m = 1.92 m <sup>3</sup>					
(15) 600 mm x 400 mm x 0.8 m = 1.92 m <sup>3</sup>					
(16) 600 mm x 400 mm x 0.8 m = 1.92 m <sup>3</sup>					
(17) Reinforced concrete					
15 ft x 600 mm x 0.8 m = 24 m <sup>3</sup>					
(18) 1000 mm x 400 mm x 0.8 m = 3.2 m <sup>3</sup>					
(19) 1000 mm x 400 mm x 0.8 m = 3.2 m <sup>3</sup>					
(20) 1000 mm x 400 mm x 0.8 m = 3.2 m <sup>3</sup>					
(21) 1000 mm x 400 mm x 0.8 m = 3.2 m <sup>3</sup>					
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(91) 1000 mm x 400 mm x 0.8 m = 3.2 m <sup>3</sup>					
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(95) 1000 mm x 400 mm x 0.8 m = 3.2 m <sup>3</sup>					
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(97) 1000 mm x 400 mm x 0.8 m = 3.2 m <sup>3</sup>					
(98) 1000 mm x 400 mm x 0.8 m = 3.2 m <sup>3</sup>					
(99) 1000 mm x 400 mm x 0.8 m = 3.2 m <sup>3</sup>					
(100) 1000 mm x 400 mm x 0.8 m = 3.2 m <sup>3</sup>					

Continuation

15 feet of cost

1) Clearing brush & stumps  
5584cc of plywood 26 ft (12)  
5142cc of plywood 26 ft (15) 14 ft (14)  
5700 lpc

2) Cost of soil grade  
and earthwork  
23436cc of plywood 26 ft (12)  
556.40 of plywood 26 ft (14) 8 ft (14)  
2940 lpc

3) Gravel subgrade cost  
10000 gravel material  
228.45cc of plywood 26 ft (12)  
27456cc of plywood 26 ft (15) 8 ft (14)  
503.22 lpc

Continuation of 2332.75 ft → 11741200  
4 17290300  
17283300



Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					171.2503000
(4) Arjale Corrugated Composite Slab 29.25m x 6.0m x 2					
13206m <sup>3</sup> ply 1200x6m (6) 20 (12)					
13770m <sup>3</sup> ply 1200x6m (6) 20 (15)					1141320
26676m <sup>3</sup> 0.34278.49/m <sup>3</sup> → 1141324.00					
(5) Arjale Corrugated Composite Slab 29.25m x 6.0m x 3					
198.52m <sup>3</sup> ply 1200x6m (5) 20 (12)					
13307m <sup>3</sup> ply 1200x6m (5) 20 (15)					1091366
331.43m <sup>3</sup> 0.33829.54/m <sup>3</sup> → 1091360.00					
(6) Arjale Corrugated Composite Coat Corrugated Composite 29.25m x 6.0m x 5					
3741.20m <sup>2</sup> ply 1200x6m (6) 20 (15)					
0.941.48m <sup>2</sup> → 155185.00					
(7) Arjale Corrugated Composite Coat Corrugated Composite 29.25m x 6.0m x 2					
3741.20m <sup>2</sup> ply 1200x6m (6) 20 (15)					
0.941.48m <sup>2</sup> → 52.639.00					
(8) Patchwork 0.42m x 6.0m x 2					
3741.20m <sup>2</sup> ply 1200x6m (6) 20 (15)					
0.920.64/m <sup>2</sup> → 750634.00					
(9) Arjale Corrugated Composite Coat Corrugated Composite 29.25m x 6.0m x 3					
10462.50m <sup>2</sup> ply 1200x6m (6) 20 (15)					
2662.50m <sup>2</sup> ply 1200x6m (6) 20 (15)					
13125.00m <sup>2</sup> 0.1177/m <sup>2</sup> → 154744.00					
(10) Arjale Corrugated Composite Arjale Corrugated Composite					
Continuation					50.74.916.00
					50.74.228

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
		12.1	7.4		91.6 = 0
261.56 m <sup>3</sup> 5 ply wide 76 m (10) for (13)					
66.57 m <sup>3</sup> 5 ply wide 76 m (16) for (15)					
328.13 m <sup>3</sup> 5 ply wide 76 m (17) for (15)					32,38.52 = 0
(17) 2 m 5 ply					
5 m 4 ply wide 76 m (18) for (15)					
0.52296.63 = 0					11483 = 0
(2) 2 m 5 ply					
17 m 4 ply wide 76 m (12) for (16)					
0.673.69 = 0					10773 = 0
(3) 2 m 5 ply wide 76 m (12) for (16)					
1.92 m <sup>2</sup> 5 ply wide 76 m (17) for (16)					
0.31382.88 = 0					25119 = 0
(4) 6 m 5 ply wide 76 m (14) for (16)					
40.1 ply wide 76 m (14) for (16)					
0.12794.15 = 0					151766 = 0
(5) 6 m 5 ply wide 76 m (15) for (16)					
8 m 4 ply wide 76 m (15) for (16)					
0.3961.01 = 0					31688 = 0
(16) 6 m 5 ply wide 76 m (16) for (16)					
3 m 4 ply wide 76 m (16) for (16)					
0.3822.58 = 0					126145 = 0
(17) 1 m 5 ply wide 76 m (17) for (16)					
11.5 m 4 ply wide 76 m (17) for (16)					
2.4 m 4 ply wide 76 m (17) for (16)					
0.3507.35 = 0					12176 = 0
(18) 1 m 5 ply wide 76 m (18) for (16)					
17.6 m 4 ply wide 76 m (18) for (16)					
0.3507.35 = 0					90 = 0
					3,86,82,6582
					86,81,920-



Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					Area 86,82,658m
(19) Plote 1st Treee by the road side					
175m x 96m (19) Part (16)					CS 800.30m → 140053m
(20) Road Major East Lat					
applied the map, etc					
558.00m x 96m (11) Part (11)					
174.55m x 96m (16) Part (16)					
732.59m					CS 73940m → 514780m
(21) Major Street Top of Street					
made by side 96m (12) Part (11)					
170.00m x 96m (16) Part (16)					3737m
CS 93449m → 527380m					
(22) Price Major Work					
170.00m x 96m					
576m x 96m (22) Part (22)					CS 5072.86m → 29220m
applied by side 96m (16) Part (16)					
40.32m x 96m (16) Part (16)					CS 146.72m → 5916.70
(23) Plote 1st Treee by the road side					
117.12m x 96m (23) Part (17)					CS 95.63m → 11200m
CS 94205/8					CS 94,21,207m
CS 94212m					94205
CS 94205					71,30,595m
CS 94205					113046m
CS 94205					1,06,45,185m
CS 94205					1,06,45,964m
CS 94205					1,06,45,556m
CS 94205					1,06,45,556m
CS 94205					95,81,368m