

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 completion of the measurements relating to each item)

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

1st on A.C. 20/11

N/W Cost of road Tol then go
 road to Rajwara Phud
 under H.A. New Market. 20/11/88
 Agency: Baldeo Singh, Sindhra
 Nagar, Kherga Road
 Estimated cost: Part (A) = 1,12,35,138.00
 Part (B) = 85,87,072.00
 1,1,70,22,210.00

Date of start: 04.5.22
 Date of completion: 03.09.23

MEASUREMENT

① Clearing by road of
 $2 \text{ m} \times 12 \text{ m} \times 30 \text{ m} \times 1.00 \text{ m} = 72600 \text{ m}^2$
 $2 \text{ m} \times 27 \text{ m} \times 30 \text{ m} \times 1.00 \text{ m} = 16200 \text{ m}^2$
 88800 m^2
 0.89 Hec.

② Construction of Sub grade
 and center Shoulder
 $2 \text{ m} \times 12 \text{ m} \times 30 \text{ m} \times 0.70 \text{ m} \times 0.30 \text{ m} = 1524.60 \text{ m}^3$
 $2 \text{ m} \times 27 \text{ m} \times 30 \text{ m} \times 0.70 \text{ m} \times 0.30 \text{ m} = 340.20 \text{ m}^3$
 1864.80 m^3

③ Gravel sub base work
 well graded material

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
4.00 m x 1.42 m x 0.175 m					1.00 m ³
16.00 m x 2.02 m x 0.175 m					5.656 m ³
18.00 m x 1.63 m x 0.175 m					4.505 m ³
7.00 m x 1.85 m x 0.175 m					2.266 m ³
14.00 m x 2.13 m x 0.175 m					5.215 m ³
14.00 m x 2.14 m x 0.175 m					2.793 m ³
28.00 m x 1.34 m x 0.175 m					6.566 m ³
19.00 m x 1.28 m x 0.175 m					4.286 m ³
14.00 m x 1.43 m x 0.175 m					3.504 m ³
9.00 m x 2.02 m x 0.175 m					3.182 m ³
12.00 m x 2.02 m x 0.175 m					4.242 m ³
9.00 m x 2.43 m x 0.175 m					2.752 m ³
22.00 m x 1.97 m x 0.175 m					7.585 m ³
20.00 m x 0.85 m x 0.175 m					2.975 m ³

1.00 m x 1.74 m x 0.175 m					0.305 m ³
9.00 m x 1.71 m x 0.175 m					2.693 m ³
14.00 m x 1.71 m x 0.175 m					4.19 m ³
10.00 m x 2.13 m x 0.175 m					3.728 m ³
9.00 m x 1.71 m x 0.175 m					2.693 m ³
20.00 m x 1.28 m x 0.175 m					4.48 m ³
15.00 m x 1.91 m x 0.175 m					5.014 m ³
25.00 m x 1.71 m x 0.175 m					7.481 m ³
10.00 m x 1.85 m x 0.175 m					3.238 m ³
4.00 m x 1.43 m x 0.175 m					1.004 m ³
5.00 m x 1.43 m x 0.175 m					1.257 m ³
3.00 m x 1.85 m x 0.175 m					0.971 m ³
10.00 m x 1.71 m x 0.175 m					2.993 m ³
10.00 m x 1.28 m x 0.175 m					2.240 m ³

Continuation

Particulate	Details of actual measurement			Contents of area
	No.	L	B	
9.00mx	1.85mx	0.175m		7.713 m ²
7.00mx	1.71mx	0.175m		2.693
8.00mx	1.85mx	0.175m		2.594
9.00mx	1.49mx	0.175m		7.508
13.00mx	1.80mx	0.175m		4.209
4.00mx	1.43mx	0.175m		1.001
18.00mx	1.53mx	0.175m		4.505
18.00mx	1.85mx	0.175m		5.828
7.00mx	1.71mx	0.175m		2.095
14.00mx	1.28mx	0.175m		3.136
				141.60m ²

④ Porosity, fatig, strength and
compressive strength of WBM-2
5.50mx 1.48mx 0.075m = 0.611m³

17.50mx	2.07mx	0.075m		2.717
19.50mx	1.48mx	0.075m		2.165
8.50mx	1.90mx	0.075m		1.211
15.50mx	2.18mx	0.075m		2.534
15.50mx	1.19mx	0.075m		1.383
29.50mx	1.39mx	0.075m		3.025
20.50mx	1.33mx	0.075m		2.045
15.50mx	1.48mx	0.075m		1.721
10.50mx	2.07mx	0.075m		1.630
13.50mx	2.07mx	0.075m		2.096
10.50mx	1.48mx	0.075m		1.166
23.50mx	2.02mx	0.075m		3.56
21.50mx	0.90mx	0.075m		1.451
2.50mx	1.79mx	0.075m		0.336

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
10.50m x 1.76m x 0.075m					1.38643
15.50m x 1.76m x 0.075m					2.0464
11.50m x 2.18m x 0.075m					1.8804
10.50m x 1.76m x 0.075m					1.3864
21.50m x 1.33m x 0.075m					2.1454
16.50m x 1.96m x 0.075m					2.4264
26.50m x 1.76m x 0.075m					3.4984
11.50m x 1.90m x 0.075m					1.6394
5.50m x 1.48m x 0.075m					0.6114
6.50m x 1.48m x 0.075m					0.7224
4.50m x 1.90m x 0.075m					0.6414
11.50m x 1.76m x 0.075m					1.5184
11.50m x 1.33m x 0.075m					1.1474
30.00m x 1.90m x 0.075m					4.2754

1.50m x 1.90m x 0.075m					0.2144
10.50m x 1.76m x 0.075m					1.3864
9.50m x 1.90m x 0.075m					1.3564
30m x 1.48m x 0.075m					3.3304
1.50m x 1.48m x 0.075m					0.1674
14.50m x 1.90m x 0.075m					2.0664
5.50m x 1.48m x 0.075m					0.6114
19.50m x 1.48m x 0.075m					2.1654
19.50m x 1.90m x 0.075m					2.7754
8.50m x 1.76m x 0.075m					1.1224
15.50m x 1.33m x 0.075m					1.5464
15.50m x 1.90m x 0.075m					2.2094
11.50m x 1.48m x 0.075m					1.2774
11.50m x 2.13m x 0.075m					1.8374

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
11.50 m x	1.90 m	x	0.075 m	=	1.639 m ³
6.50 m x	1.48 m	x	0.075 m	=	0.722 m
9.50 m x	1.90 m	x	0.075 m	=	1.354 m
9.50 m x	2.18 m	x	0.075 m	=	1.553 m
17.50 m x	1.19 m	x	0.075 m	=	1.562 m
12.50 m x	1.39 m	x	0.075 m	=	1.303 m
9.50 m x	1.33 m	x	0.075 m	=	0.948 m
5.50 m x	1.48 m	x	0.075 m	=	0.611 m
8.50 m x	2.07 m	x	0.075 m	=	1.32 m
23.50 m x	1.19 m	x	0.075 m	=	2.097 m
16.50 m x	1.35 m	x	0.075 m	=	1.720 m
11.50 m x	1.33 m	x	0.075 m	=	1.147 m
6.50 m x	1.48 m	x	0.075 m	=	0.722 m
16.50 m x	2.07 m	x	0.075 m	=	1.630 m

7.50 m x	2.07 m	x	0.075 m	=	1.164 m
18.50 m x	1.48 m	x	0.075 m	=	2.059 m
16.50 m x	2.02 m	x	0.075 m	=	2.520 m
7.50 m x	0.90 m	x	0.075 m	=	0.506 m
7.50 m x	1.79 m	x	0.075 m	=	1.007 m
11.50 m x	1.79 m	x	0.075 m	=	1.534 m
9.50 m x	1.19 m	x	0.075 m	=	0.848 m
16.50 m x	1.84 m	x	0.075 m	=	2.277 m
12.50 m x	1.90 m	x	0.075 m	=	1.78 m
7.50 m x	1.90 m	x	0.075 m	=	1.069 m
21.50 m x	1.33 m	x	0.075 m	=	2.145 m
15.50 m x	2.02 m	x	0.075 m	=	2.348 m
6.50 m x	1.48 m	x	0.075 m	=	0.722 m
21.50 m x	2.07 m	x	0.075 m	=	3.338 m

Continuation

30.00000	1.50000	18.00000
20.00000	2.00000	40.00000
20.00000	1.00000	30.00000
10.00000	1.95000	19.50000
17.00000	2.05000	35.05000
19.00000	1.25000	23.75000
30.00000	1.50000	45.00000
21.00000	1.50000	31.50000

18.00 m	1.65 m	26.10"
12.00 m	2.15 m	25.80"
15.00 m	2.15 m	32.35"
25.00 m	2.10 m	52.30"
23.00 m	0.95 m	21.85"
12.00 m	1.80 m	21.60"
17.00 m	1.50 m	30.60"
13.00 m	2.25 m	29.25"
23.00 m	1.40 m	32.20"
18.00 m	2.00 m	36.00"
28.00 m	1.80 m	50.40"
13.00 m	1.95 m	25.35"
7.00 m	1.55 m	10.85"
8.00 m	1.95 m	15.60"

Less 20.00 69.15

769.55 m²

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					Area 169.55 m ²
2/1.00m x 1.75m					1.75 m ²
10.00m x 1.80m					18.00 m ²
17.00m x 1.60m					27.20 m ²
17.00m x 1.95m					33.15 m ²
13.00m x 1.95m					25.35 m ²
13.00m x 2.00m					26.00 m ²
8.00m x 1.50m					12.00 m ²
11.00m x 1.95m					21.45 m ²
11.00m x 2.25m					24.75 m ²
7.00m x 1.60m					11.20 m ²
10.00m x 2.30m					23.00 m ²
18.00m x 1.45m					26.10 m ²
13.00m x 1.50m					19.50 m ²

					305.25 m ² x 0.075 m =
					= 22.89 m ³
					192.44 m ³
					181.70 m ³

(6) Price of dry lime coat

Cost of material emulsion SS,

$$181.70 \text{ m}^2 \times 30 \text{ m} \times 3.75 \text{ m} = 13612.50 \text{ m}^3$$

$$27 \text{ m} \times 30 \text{ m} \times 3.75 \text{ m} = 3037.50 \text{ m}^3$$

$$16650.00 \text{ m}^3$$

Qty of dry lime (56) = 181.70 m³

$$181.70 \text{ m}^3 \times 0.075 \text{ m} = 2422.67 \text{ m}^3$$

(7) Price of dry lime coat

Cost of material emulsion SS,

$$181.70 \text{ m}^3 \times 0.075 \text{ m} = 2422.67 \text{ m}^3$$

Continuation

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

(8) Back-slope over road
 $181.70 \text{ m}^2 \times 2.4 = 436.08 \text{ m}^2$
 6.07 m

(9) Concrete and fly ash
Concrete and fly ash

$12 \text{ m} \times 30 \text{ m} \times 3.75 \text{ m} = 13612.50 \text{ m}^3$

$27 \text{ m} \times 30 \text{ m} \times 3.75 \text{ m} = 3037.50 \text{ m}^3$

16650.00 m^3

(10) Concrete and fly ash
Concrete and fly ash

$12 \text{ m} \times 30 \text{ m} \times 3.75 \text{ m} \times 0.025 \text{ m} = 340.31 \text{ m}^3$

$27 \text{ m} \times 30 \text{ m} \times 3.75 \text{ m} \times 0.025 \text{ m} = 75.94 \text{ m}^3$

416.25 m^3

(11) Kilometer stone = 6 nos

(12) 200 m stone = 18 nos

(13) Drainage pipe $1.2 \text{ m} \times 0.8 \text{ m} \times 1.92 \text{ m}$

$2 \text{ m} \times 1.2 \text{ m} \times 0.8 \text{ m} = 1.92 \text{ m}^3$

(14) Reinforcement steel $8 \text{ m} \times 10 \text{ m}$

$600 \text{ mm} \times 2 \text{ m} \times 10 \text{ m} = 10 \text{ m}^3$

(15) 600 mm $8 \text{ m} \times 10 \text{ m}$

(16) 600 mm $8 \text{ m} \times 10 \text{ m}$

(17) Boundary pillar = 2 nos

(18) Porting $528 \text{ m} \times 10 \text{ m}$

$528 \text{ m} \times 10 \text{ m}$

$528 \text{ m} \times 10 \text{ m}$

(19) Planting of tree 450 nos

Year maintenance 450 nos

Continuation

Particulars	Details of actual measurements				Contents of area
	No.	L	B	D	
(20) Cement Mortar 1:2:4 for plaster on plaster					
Area 12.11 m ² Bona 0.10 m =					72.60 m ³
Area 2.7 m ² Bona 0.10 m =					16.20 m ³
					88.80 m ³
(21) Mortar and plaster for plaster					
(22) Mortar and plaster for plaster (1:3) in plaster					
Area 2.11 m ² Bona 0.40 m =					18.72 m ³
(23) Plaster with cement mortar (1:4) in plaster					
Area 4.00 m ² Bona 0.60 m =					93.60 m ³
Area 2.00 m ² Bona 0.40 m =					31.20 m ³
Area 1.00 m ² Bona 0.60 m =					5.76 m ³
					130.56 m ³
(24) Plaster with cement mortar on new concrete surface					
Area 4.00 m ² Bona 0.60 m =					93.60 m ³
Area 2.00 m ² Bona 0.60 m =					50.70 m ³
Area 4.00 m ² Bona 0.60 m =					5.76 m ³
					150.06 m ³
(25) Plaster and applying brick					
Cost as per schedule					
Area 14.00 m ² Bona 2.05 m =					229.60 m ³
(26) Plaster and applying brick					
Area 14.00 m ² Bona 2.05 m =					5.76 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(27) Road widening at the end of the main road 24.8 x 6.0 = 148.8 m ²					148.8 m ²
29/7/22 JE					
(28) Construction of Subgrade and cuttings should be					
24.8 x 10.0 = 248 m ² 24.8 x 10.0 = 248 m ² 24.8 x 10.0 = 248 m ²					248 m ²
29/7/22 JE					
2/8/22 A.E.					

Sch. XV Form No. 34		Details of actual measurement				Contents of area
Particulars	No.	L	B	D		
<u>Abstract of Cost</u>						
<u>① Clearing brush and land</u>						
① 894 m ² fly vide 96m ① Page ①						
CS 61289/m ² - 49,955=0						
<u>② Construction of subgrade and earthen shoulders</u>						
1864.80 m ² fly vide 96m ② Page ②						
25.20 m ³ fly vide 96m ② Page ②						
1890.00 m ³						
CS 231.10/m ³ - 436,779=00						
<u>③ Granular Subbase C&TK</u>						
<u>Well graded material</u>						
141.60 m ³ fly vide 96m ③ Page ③						
CS 235.65/m ³ - 3,33,277=00						
<u>④ Binder, 67.5% fine and</u>						
<u>Compacting slat spreader 120m²</u>						
120.40 m ³ fly vide 96m ④ Page ④						
CS 4647.33/m ³ - 5,59,539=00						
<u>⑤ Binder, 67.5% fine and</u>						
<u>Compacting slat spreader 180m²</u>						
181.70 m ³ fly vide 96m ⑤ Page ⑤						
CS 4161.18/m ³ - 3,75,6086=00						
<u>⑥ Primer and compaction</u>						
<u>Coef C&TK 5% emulsion R₉</u>						
2422.67 m ² fly vide 96m ⑥ Page ⑥						
CS 53.61/m ² - 1,29,879=00						
<u>⑦ Primer and compaction</u>						
<u>Coef C&TK 5% emulsion R₉</u>						

Continuation

Particulars	Details of actual measurement			Comments if any
	No.	L	B	
			414.4 B/L	CS 3642.0
(14) 600mm x 450mm x 100mm 600mm x 450mm x 100mm 600mm x 450mm x 100mm 600mm x 450mm x 100mm				CS 3788.41 - 37.8841
(15) 600mm x 450mm x 100mm 600mm x 450mm x 100mm 600mm x 450mm x 100mm				CS 3826.41 - 38.2641
(16) 600mm x 450mm x 100mm 600mm x 450mm x 100mm 600mm x 450mm x 100mm				CS 3698.19 - 36.9819
(17) 600mm x 450mm x 100mm 600mm x 450mm x 100mm 600mm x 450mm x 100mm				CS 588.16 - 5.8816
(18) 600mm x 450mm x 100mm 600mm x 450mm x 100mm 600mm x 450mm x 100mm				CS 57.05 - 5.705
(19) 600mm x 450mm x 100mm 600mm x 450mm x 100mm 600mm x 450mm x 100mm				CS 1025.65 - 10.2565
(20) 600mm x 450mm x 100mm 600mm x 450mm x 100mm 600mm x 450mm x 100mm				CS 730.38 - 7.3038
(21) 600mm x 450mm x 100mm 600mm x 450mm x 100mm 600mm x 450mm x 100mm				CS 9956.54 - 99.5654
				CS 97.33 - 9.733

Continuation

$$1, 12, 35, 105 - 1, 12, 35, 138 = 2$$

9/7/22

~~12/8/22~~

Motors & State mental

⑨ Ear	1890 m ³
-------	---------------------

② släpchejs 1218.70 m/s

(3) Sand	72.90m ³
----------	---------------------

④ <u>Bonell</u>	9360 mg
-----------------	---------

917/22
22

25.42
A.C.

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
Measurement					
Sid 5x	561755				1299624
Sur 1x	112352				
L 1x	112352				
Sh 5x	112352				
Can 5x	112352				
St 10x	133700-				
Pay	5,51065-				
By cheque	983948x				
Pr 1x	112,35,105-				

Balance for 112,35,105-
 (1) one crore twelve lac
 thirty five thousand
 are hundred five / only

208-21021

[Signature]
 12/8/22
 Executive Engineer
 RWD (W) Division
 Aurangabad

[Signature]
 12/8/22
 12-8-22