

Shailendra pr. Singh,

N/Road:-

~~Chitavilla~~ (Chitavilla) ~~Chitavilla~~
Pondar Panchan gajipatti. Le Panchan
Barkia Chakrasankar. May 55 (5C)

~~CHAS P.W.D.~~ (5C) (Or 5C)

~~E.E. R.W.D. with ultra speed.~~ DIVISION

~~Assistant Engineer R.W.D.~~ SIND DIVISION

~~WORK Sub-Division - Nalabergar.~~

~~CHAS P.W.D. Doc.~~

[2534]

Certified that this No. contains
large hundred pages by printer machine
and issued to Sri Dinesh M. Singh.
R.W.D. Wary Sub-Div Nabimagar.

Executive Engineer
Public Works Depart. M
Works Division, Aurangabad
5/11/19

Schedule XLV - Form No. 134.

E.E. Aurangabad. DIVISION.

A.E. Nabimagar. SUB-DIVISION.

MEASUREMENT BOOK.

212521

2584

Name of owner Sri Dinesh M. Singh. A.E.

R.W.D. Wary Sub-Div - Nabimagar.

Date of first entry

Date of last entry

विद्यार्थी नाम, पता :

(These four lines should be repeated at the commencement of the measurements relating to each work.)

Particulars	Details of actual measurement				Contents cunrea
	No.	L	B.	D.	
16/04/2021					
Work:- Construction of D = 2					
on Tondra Harikar Gauri Path					
Ramchoud Patha via					
done under mmsy (sc)					
Wor:- Shalengra Prasad					
High More dechri Harikar					
ement no:- 108831/2020-21					
ement Value: \$1.53, 27, 188					
Cost: 21.8.20					
alt of Completion: 20.8.21					

MEASUREMENT			
①	Primary & free bench mark		
	3 May		
②	Primary & free reference pillar		
	= 9 May		
③	Clearing and Grading R. & Land		
	CH 0 m to 170 m toward Chander Bhat		
	$2 \text{ m} \times 29 \text{ m} \times 30 \text{ m} \times 3.5 \text{ m} = 8190.00 \text{ m}^3$		
	CH 0 m to 630 m toward Mahat		
	$2 \text{ m} \times 21 \text{ m} \times 30 \text{ m} \times 3.5 \text{ m} = 4410.00$		
	$2 \text{ m} \times 29 \text{ m} \times 30 \text{ m} \times 3.5 \text{ m} = 1260.00$		
	$1260.00 + 4410.00 = 13860 \text{ m}^3$		
④	Construction of 597 K mark		
	Grading & reference mark		
	$2 \text{ m} \times 39 \text{ m} \times 30 \text{ m} \times 0.75 \text{ m} / 100 \text{ m} = 175.5 \text{ m}^3$		
	$2 \text{ m} \times 21 \text{ m} \times 30 \text{ m} \times 0.75 \text{ m} / 100 \text{ m} = 94.5 \text{ m}^3$		
	Land $2 \text{ m} \times 64 \text{ m} \times 30 \text{ m} \times 0.75 \text{ m} / 100 \text{ m} = 270 \text{ m}^3$		
	2970 m^3		
	Less 100 m = 707.54 m		

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Can be the same as in the last one					
affirmed					
Least 100m = 1860.4m ²					
(6) Constructing of sub grade					
and earthen shoulder					
Ch 0.00m to 1170m towards Chanderbaga					
38m x 30m x 7.25m x 0.3m = 2544.75m ³					
Ch 0.00m to 630m towards naker					
20m x 30m x 7.25m x 0.3m = 1370.25m ³					
Link 6m x 30m x 7.25m x 0.3m = 391.50m ³					
					4306.50m ³
(7) Gravel Subbase					
Level grade					
Ch 0.00m to 1140m towards Chanderbaga					
30m x 28m x 7.25m x 0.2m = 928.00m ³					
Ch 0.00m to 600m towards naker					
30m x 20m x 4.05m x 0.2m = 486.00m ³					
Link 6m x 30m x 4.05m x 0.2m = 145.80m ³					
Proportion 6m x 20m x 30m x 3.75m x 0.11m = 67.50m ³					
2 m x 10m x 3.75m x 0.10m = 7.50m ³					
					1484.40m ³
(8) Primary, Secondary, Subgrade					
and compacting stone up to 6m x 30m					
Ch 0.00m to 1140m towards Chanderbaga					
38m x 30m x 3.75m x 0.075m = 320.63m ³					
Ch 0.00m to 600m towards naker					
20m x 30m x 3.75m x 0.075m = 168.75m ³					
Link 6m x 30m x 3.75m x 0.075m = 50.63m ³					
Proportion					
6m x 30m x 3.75m x 0.075m = 50.63m ³					
10m x 3.75m x 0.075m = 2.81m ³					
					593.45m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑥ Construction of underdrain					
Alignment from center of road					
		6 m	30 m	3.75 m	0.16 m = 108.00 m ³
		10 m	3.75 m	0.16 m	= 6.00 "
					114.00 m ³
⑦ Provision of free 'Loft'					
					of the roof = 211.25
⑧ Provision of 2% rise of cement					
Cement concrete for the floor = 50 m					
⑨ Hydraulic (600 mm x 4)					
Earthen work in excavation					
for foundation					
		10 m	2 m	3.75 m	1.5 m = 134.55 m ³
		10 m	5.35 m	1.13 m	0.13 m = 22.50 "
					156.60 m ³
⑩ Provision of 15% rise of cement					
for the floor					
		10 m	2 m	3.75 m	1.15 m = 13.46 m ³
		10 m	5.31 m	1.13 m	0.15 m = 15.60 "
					28.46 m ³
⑪ Provision of reinforced cement concrete					
in sub structure					
		10 m	2 m	3.6 m	0.7 m x 2.75 m = 140.11 m ³
		10 m	2 m	3.6 m	0.35 m x 0.4 m = 16.20 "
		10 m	2 m	3.6 m	0.8 m x 0.8 m = 5.74 "
					150.57 m ³
⑫ Provision of 4% rise of cement					
for the floor					
		10 m	5.31 m	1.13 m	0.15 m = 75.00 m ³
Total					
					267.72
					26

Continuation

Particulars	Details of actual measurements			Contents of area
	No.	L	B	
① Primary and Secondary drain				
377.04 m ² by vide 6th (B) page ①				
CS 377.04 m ² - - - - -				113902 = 11
② Primary and Secondary drain				
77.04 m ² by vide 6th (B) page ①				
CS 77.04 m ² - - - - -				15453 = 15
③ Secondary drain				
1.396 Hec of vide 6th (B) page ①				
CS 1.396 Hec - - - - -				70871 = 10
④ Construction of embankment				
Construction material				
70.84 m ² by vide 6th (B) page ①				
CS 70.84 m ² - - - - -				12417 = 10
⑤ Construction of embankment				
Construction material				
186.41 m ² by vide 6th (B) page ①				
CS 186.41 m ² - - - - -				32851 = 10
⑥ Construction of subgrade and				
earth shoulder				
430.65 m ² by vide 6th (B) page ②				
CS 430.65 m ² - - - - -				759968 = 10
⑦ Construction of Side cut				
Construction material				
1486.60 m ² by vide 6th (B) page ②				
CS 1486.60 m ² - - - - -				3449033 = 10
⑧ Construction of Subgrade and				
earth shoulder				
593.45 m ² by vide 6th (B) page ②				
CS 593.45 m ² - - - - -				2121679 = 10
Continuation				68,80484 = 10

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					121.1168.80, 489=0
(9) Concrete work in Drainage					
Plaster & cement concrete pavement					
114.00m ³ fly ash concrete (9) Part (3)					
					0.5587521/m ³ → 669774=0
(10) Amalgamated surface 'Logo'					
of pavement					
2.11m fly ash concrete (10) Part (3)					
					0.994107/m ² → 18388=0
(11) Amalgamated surface of road					
Cement concrete (11) Part (3)					
2.08m fly ash concrete (11) Part (3)					
					0.587842/m ² → 43921=0
(12) Earthwork in excavation					
for foundation					
156.60m ³ fly ash concrete (12) Part (3)					
					0.5269.97/m ³ → 5421772=0
(13) Amalgamated surface of road					
28.46m ³ fly ash concrete (13) Part (3)					
					0.5582.52/m ³ → 130419=0
(14) Plain/reinforced concrete					
in sub structure					
150.57m ³ fly ash concrete (14) Part (3)					
					0.5370.21/m ³ → 808593=0
(15) Amalgamated surface of road					
H.P. 60mm LF					
75m fly ash concrete (15) Part (3)					
					0.5977.14/m ² → 72882=0
					0.5866.638=0

Continuation

