

375/20-21

2022 कचहर/टोला से कोडर

Nimay Kumar

Schedule XLV-Form No. 134

MR 19 11 19

अखिल

DIVISION

पहलपु

SUB-DIVISION

Measurement Book

श्री हरिद्राह साधनक अभियंता

अरेराज

DIVISION

पहाड़पुर

SUB-DIVISION

375/20-21

Measurement Book

No.

प्रमाणित किया जाता है कि इस मापी पट्टीका
में गरीबों के द्वारा कुल-100 पट्टी अंकित है।
यह मापी पट्टीका श्री हरेन्द्र साह, सहायक
के निर्वहण किया जाता है।

10/8/2020

Name of officer

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमण्डल, अरेराज

10/8/2020

Date of first entry

Date of last entry

1st and upto date bill

Name of Work- L22 Kachahari to Korar
 Situation of Work-
 Agency by which work is executed- Bijay Kumar
 Date of Measurement-
 No. and date of agreement 15 MB/20-21
Scale of sheet - 26/6-20
 (These four lines should be repeated at the commencement of the measurement relating to each work item - 25/3/21)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Changing of gully of Road Survey					
2x 10x10x1.50m x 0.15m =					1500.00
② Removal of brick top from 10x10					0.15H
③ Discontinuing of old gully					
2x 6.11m to 1.40m x 0.145m					2.194
④ Discontinuing of old gully					1.62m
⑤ 7x 1.50m x 1.200 x 0.150m = 78.75					78.75
⑥ 12x 1.200 x 0.450 x 0.125 = 1.012					1.012
⑦ 10x 1.300 x 0.600 x 0.150 = 1.17					1.17
⑧ 9x 1.400 x 1.200 x 0.125 = 2.65					2.65
⑨ 8x 1.500 x 1.400 x 0.150 = 2.52					2.52
⑩ 6x 1.300 x 1.000 x 0.125 = 1.37					1.37
⑪ 5x 1.800 x 0.700 x 0.150 = 0.95					0.95
⑫ 7x 1.700 x 1.400 x 0.125 = 2.29					2.29
⑬ 5x 1.500 x 0.900 x 0.150 = 1.01					1.01
⑭ 9x 1.300 x 1.500 x 0.150 = 1.36					1.36
⑮ 5x 2.000 x 0.700 x 0.125 = 1.23					1.23
⑯ Continuation					
10x 1.900 x 1.150 x 0.150 = 3.14					3.14
⑰ 9x 1.600 x 1.500 x 0.125 = 2.52					2.52
⑱ 7x 1.700 x 0.900 x 0.150 = 1.61					1.61
⑲ 10x 1.400 x 0.900 x 0.125 = 2.21					2.21
⑳ 7x 1.500 x 0.900 x 0.150 = 1.42					1.42

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	8x	1.200x	1.000x	0.125	1.68
	9x	1.600x	1.000x	0.125	2.52
	10x	1.700x	1.000x	0.150	2.55
	11x	1.800x	1.000x	0.125	3.42
	10x	1.900x	1.200x	0.150	3.42
	8x	2.000x	0.200x	0.125	1.96
	7x	2.200x	0.900x	0.150	2.08
	10x	2.300x	1.500x	0.125	4.03
	9x	2.400x	1.000x	0.150	3.24
	10x	2.500x	1.000x	0.125	4.36
	9x	2.300x	1.000x	0.150	3.11
	6x	2.200x	1.200x	0.125	2.77

	15x	1.500x	0.200x	0.150	2.3624
					65.45m ²
					64.85m ³
⑥ <u>Body of the well</u>					
Details of body measured from 0 to 1.500m					
	7x	1.150x	1.300x	0.025	0.25m ²
	12x	1.300x	0.550x	0.025	0.59m ²
	10x	1.400x	0.200x	0.025	0.24
	9x	1.500x	1.300x	0.025	1.32
	8x	1.600x	1.500x	0.025	1.44
	6x	1.400x	1.100x	0.025	0.69
sketch	5x	1.500x	0.800x	0.025	0.57
4x	7x	1.800x	1.250x	0.025	1.13
2x	6x	1.700x	1.100x	0.025	1.12
	5x	1.900x	1.100x	0.025	1.41
	14x	2.000x	1.000x	0.025	1.96
	8x	2.100x	0.800x	0.025	1.01
	7x	2.300x	1.000x	0.025	1.21
	6x	2.400x	1.000x	0.025	1.19
	9x	2.500x	1.100x	0.025	1.86

	8 m + 50. u + 3.25m	$\times 0.025m$	$= 37.50m$
		(m)	(m)
Choke	6 m + 50. u + 3.25m	$\times 0.025m$	$= 37.50m$
		(m)	(m)
Key	8 m + 50. u + 3.25m	$\times 0.025m$	$= 37.50m$
26/5	4 m + 50. u + 3.25m	$\times 0.025m$	$= 18.75$
	at Rice cut off	15. u + 7.5m	$\times 0.025m = 2.81m$
	Area	1 x 5. u + 6.0 + 8.5m	$\times 0.025m$
		15	$= 4.6875$
	1 x 35. u + 3.25m	$\times 0.025m$	$= 3.281m$
			$\rightarrow 142.028m$

(12) Kilometre stone.

⑤ ordinary fm - 3 N₂

(35) 20m stair - 6 m

13	Divide 4 place 900000				
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Continuation

Continuation
441204 + 0.8m = 3.84m

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	5x	1.95m	0.85m	0.025	0.62m
	7x	1.85m	1.25m	0.025	1.21
	8x	1.25m	1.15m	0.025	1.21
	9x	1.95m	1.15m	0.025	1.51
Chalcan	14x	1.25m	1.50m	0.025	2.11
4log	6x	2.20m	1.15m	0.025	1.14
28/5	10x	2.50m	1.65m	0.025	1.97
11x	5x	2.20m	1.20m	0.025	0.99
	14x	2.30m	1.50m	0.025	3.62
	15x	2.50m	1.50m	0.025	2.25
	7x	2.10m	1.085m	0.025	1.20
	8x	1.80m	1.10m	0.025	1.19
	6x	2.20m	1.05m	0.025	1.04
	9x	2.30m	1.10m	0.025	1.21
	5x	1.90m	1.20m	0.025	0.86
	10x	1.90m	0.80m	0.025	1.50
	8x	2.20m	0.85m	0.025	1.12
	7x	2.30m	1.20m	0.025	1.45
	7x	1.15m	1.35m	0.025	0.82
	12x	1.35m	0.55m	0.025	0.67
	10x	1.45m	0.25m	0.025	0.82
	9x	1.55m	1.35m	0.025	1.41
	8x	1.65m	1.55m	0.025	1.53
	6x	1.45m	1.15m	0.025	0.25
	5x	1.95m	0.85m	0.025	0.62
	7x	1.85m	1.25m	0.025	1.21
	5x	Continuation			
	6x	1.65m	1.05m	0.025	0.65
	9x	1.45m	1.15m	0.025	1.13
	5x	2.15m	0.85m	0.025	0.69
	10x	2.05m	1.25m	0.025	1.92

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	9	1.25m	1.50m	0.025	1.36m
	7	1.85m	1.05m	0.025	1.02m
	10	1.55m	1.05m	0.025	1.22
	7	1.65m	1.05m	0.025	0.91
	8	1.35m	1.15m	0.025	0.93
Chelkanp	9	1.25m	1.15m	0.025	1.36
942	10	1.85m	1.15m	0.025	1.60
26/3/11	11	1.95m	1.15m	0.025	1.85
	10	2.05m	1.35m	0.025	2.08
	8	2.15m	0.85m	0.025	1.10
	7	2.35m	1.05m	0.025	1.30
	10	2.45m	1.15m	0.025	2.11
	9	2.55m	1.15m	0.025	1.98
	10	2.65m	1.15m	0.025	2.29
	9	2.45m	1.15m	0.025	1.90
	6	2.35m	1.35m	0.025	1.43
	12	1.65m	0.85m	0.025	1.262
					70.09m
					59.88m
(8) Inner cord.					
Area under top of single furrow					
= 931.73m ²					
1/2 x 3.0m x 3.85m = 11.25m ²					
Total Area 942.98m ²					
Limit = 941.05m ²					
(9) Patch under over w. w. m.					
1/2 x 9.0m x 3.25m = 1012.5m ²					
4 x Continuation of 1/2 x 3.0m x 3.25m = 12.0m ²					
From 3m x 3.25m = 9.75m ²					
25 x 2.10m x 1.0m = 52.50m ²					
Total Area = 2018.05m ²					
Limit = 2014.81m ²					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) (14) Labor reflected No Bound					
(15) Ground equivalent to work					
			6 M		
(16) Ground clearance - 2 M					
(17) Ground + 4.50 m - 2 M					
(18) Road marking					
			2 x 30 m x 50 m to 100 m 300.00		
(19) Maintenance Project					
			Bound - 5 M		
(20) Supply & Paving					
			300 m x 4 m		
			2 x 3 x 2.50 = 15.00		
(21) Plastering in ducts					
			Side face 4 m x 6 m to 6 m = 14.40		
			Top - 2 x 6 m to 40 = 4.80		
			Front face 4 m to 4 m x 6 m = 0.96		
			Total = 20.16		
(22) Painting two coats					
			Area 3 m x 6 m = 20.16		
			Cost of 600 m x 100 m		
(23) Paving in excavation in earth					
			H.W - 2 x 3.90 m x 1.150 m x 1.50 m = 13.455		
			Below 1 x 5.350 m x 1.13 m x 0.30 m = 2.202		
			Total = 15.657		
(24) Paving Miss P.C.C.					
			H.W - 2 x 3.50 m x 1.15 m x 0.150 = 1.3455		
			Below 1 x 5.311 m x 1.13 m x 0.25 = 1.500		
			Total = 2.8455		
			Less for 1 HP		
			1 x 0.25 m x 0.25 m x 0.25 m x 5 = 0.3125		
			Total = 2.533		

Continuation

Net = 2.050 m

Continuation

1st and upto date 8/1/19

ABSTRACT of work

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Clearing & grubbing of R. Channel					
Qty for vol P, 1 to 1					
10.15 m @ 51133.56 m					76702
(2) Graveling of cross ditch					
Qty for vol P, 1 to 2					
11.62 m @ 42416 m					7682
(3) Graveling of side ditch					
Qty for vol P, 1 to 3					
16.38 m @ 23177 m					14226
(4) Removal of brush & weeds from side P, 1 to 4					
10.0 m @ 23664 m					23632
(5) Cut of G.B. 80 ft					
Qty for vol P, 2 to 5					
164.85 m @ 2228.45 m					31477602
(6) Filling S.M. 80 ft					
Qty for vol P, 3 to 6					
144.406 m @ 4218.72 m					1873340
(7) Filling S.M. 80 ft					
Qty for vol P, 5 to 7					
169.86 m @ 3803.02 m					265755
(8) former cut					
Qty for vol P, 5 to 8					
194.05 m @ 44.49 m					41862
(9) former cut Continuation with m. from pit ch while cross down for side S.M. 80 ft					
12014.81 m @ 222.34 m					447972
					11157172

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Tack coat Area for item 10 12696.06 m ² @ 15.14 m ²				BFS	1115717.2
(11) Semi Dense Bituminous Cementite - 48 Qty for item 11 142.028 m ³ @ 1366.96 m ³					116518.2
(12) Krummhorn Shu for item 12 12 m @ 2346.41 m					157039.2
(13) 200 mm slay 16 m @ 624.89 m					13749.2
(13) 200 mm 4 piece 45 degree Bent Area for item 13 13.84 m ² @ 12396.89 m ²					147604.2
(14) Retro reflective tape Qty for item 14 16 m @ 2688.50 m					22131.2
(15) 600 mm equivalent 2 m @ 3785.04 m					22150.2
(15) 600 mm 40 mm 2 m @ 3655.92 m					2211.2
(15) Road Marking Area for item 15 1300.00 m ² @ 735.44 m ²					22063.2

Continuation

3162716.2

3162697

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(16) Main drainage Paved				3162216
for side P7 side 16				3162697
7.5 No @ 9545.50/m				3477275
(17) Supplying & placing				
20mm concrete				
for side P7 side 17				
7.5 No @ 501.75/m				135262
cost of labour				
(18) Paving in concrete				
only for side P7 side 20				
7.5 No @ 294.73/m				4615
(19) Paving M150 Pave				
for side P7 side 21				
7.5 No @ 5862.87/m				120182
(20) Paving Blowing				
for side P8 side 22				
7.5 No @ 6239.43/m				86540
(21) Supplying & placing				
6mm concrete				
for side P8 side 23				
7.5 No @ 961.92/m				67214
(22) plastering in concrete				
for side P7 side 18-20-16				
" " " P8 side 24				
7.5 No @ 58.64/m				
7.5 No @ 185.24/m				10868
(23) Painting two coats				
for side P7 side 19-20-16				
" " " P8 side 24				
7.5 No @ 32.64/m				3172
7.5 No @ 97.19/m				31722
7.5 No @ 3376.94/m				33483771

Continuation

Scanned with CamScanner

Bump Machine reading
 Road Num - Kachakari toll to Kotari
 Date - 26/5/21
 By No - 15 MMD (2021)
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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Change	121				
100	3274				
200	3100				
300	3100				
400	3274				
500	2144				
600	2144				
700	2231				
800	1710				
900	1797				
1000	1083				

1100	2231				
1200	2415				
1300	1970				
1400	1883				
1500	2062				
Tot	352084				

Average 121 Mula = 2347.24

26/5/21

Kas
26/5/21
KE

Record entry 27/5/21

① Construction of Subgrade, further shoulder

2x 50 m x 30 m & 2.5 m x 5.2 m = 300 m

② Plantation of tree 29 m

③ Half Bridges, Circular

④ Subgrade continuation (winding) 3/2.5 m L = 7.50 m

27/5/21