

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 commencement of the measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: Construction of Road from Timmuhani to Haridwar Tola					
By Agency: - Sachin Kumar					
Ag No. 69/nmgsk (S)/SAD/21-22					
Date of Start: 27.03.2021					
Date of Comp: 26.12.2021					

① Clearing and Grubbing of RLW

$$2 \times 340.00 \times 1.00 = 680.00 \text{ m}^2$$

$$\text{or } 0.068 \text{ Hae}$$

② Plan of Road and

and Reb Pallen 0.340 km

③ Excavation of RLW Cut

$$2 \times 135.00 \times 0.375 \times 0.10 = 10.12 \text{ m}^3$$

$$\frac{2 \times 10.00 \times 0.375 + 1.00 + 0.375 \times 0.100}{3} = 1.17 \text{ m}^3$$

$$2 \times 52.00 \times 0.375 \times 0.100 = 3.90 \text{ m}^3$$

$$\frac{2 \times 8.00 \times 0.375 + 1.30 + 0.375 \times 0.100}{3} = 1.09 \text{ m}^3$$

$$2 \times 60.00 \times 0.375 \times 0.100 = 4.50 \text{ m}^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$2 \times 11.00 \times \frac{0.375 + 1.35 + 1.375}{3} \times 100 =$					1.54 m^3
$2 \times 19.00 \times 0.375 \times 0.100 =$					1.42 m^3
$2 \times 45.00 \times \frac{0.375 + 0.325 + 0.375}{3} \times 100 =$					3.22
					26.96 m^3
④ Cost of unburnt cement					
⑤ Cost of embankment with excavated soil					
$0.60 \times 26.96 \text{ m}^3 =$					16.18 m^3

⑤ Cost of L.S. on I.C.M.					
app. material					
Both Sides					
$2 \times 135.00 \times 0.375 \times 0.100 =$					10.12 m^3
$2 \times 10.00 \times \frac{0.375 + 1.00 + 0.375}{3} \times 100 =$					1.17 m^3
$2 \times 52.00 \times 0.375 \times 0.100 =$					3.90 m^3
$2 \times 8.00 \times \frac{0.375 + 1.30 + 0.375}{3} \times 0.100 =$					1.09 m^3
$2 \times 60.00 \times 0.375 \times 0.100 =$					4.50 m^3
$2 \times 11.00 \times \frac{0.375 + 1.35 + 0.375}{3} \times 0.100 =$					1.54 m^3
$2 \times 19.00 \times 0.375 \times 0.100 =$					1.42 m^3
$2 \times 45.00 \times \frac{0.375 + 0.325 + 0.375}{3} \times 0.100 =$					3.22 m^3
					26.96 m^3

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					C.P. Qty = 26.96 m ³
For Darning of 2 Arble corners					
10.00 x 5.00 x 1.00 x 0.100					5.00 m ³
16 x 3.00 x 1.00 x 0.100					4.80 m ³
15 x 1.00 x 1.50 x 0.100					2.25 m ³
7 x 2.00 x 1.50 x 0.100					2.10 m ³
					/
					41.11 m ³
⑥ Boarding and Laying					
W.P.M. Gm.3 wrapping					
135.00 x 3.75 x 0.075					37.97 m ³

10.00 x 3.75 + 5.00 + 3.75	x 0.075	3.12 m ³
3		3.12 m³
52.00 x 3.75	x 0.075	14.62 m ³
8.00 x 3.75 + 5.60 + 3.75	x 0.075	2.62 m ³
3		
60.00 x 3.75	x 0.075	16.87 m ³
11.00 x 3.75 + 5.70 + 3.75	x 0.075	3.63 m ³
3		
19.00 x 3.75	x 0.075	5.34 m ³
45.00 x 3.75 + 3.65 + 3.75	x 0.075	12.54 m ³
3		
		/
		96.71 m ³

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement			D.	
	No.	L.	B.		
⑦ Const of unreson force main					
Cement concrete mso in					
Pavement.					
135.00		3.75		0.160(m)	81.00 m ³
10m		3.75 + 5.4 + 3.75		0.160(m)	6.66 m ³
		3			
52.00		3.75		0.160(m)	31.20 m ³
8.00		0.375 + 5.6 + 3.75		0.160(m)	5.59 m ³
		3			
60.00		3.75		0.160(m)	36.00 m ³
11.00		3.75 + 5.70 + 3.75		0.160(m)	7.74 m ³
		3			

19.00		3.75		$0.160(m)$	$11.40 m^3$
15.00		$3.75 + 3.65 + 3.75$		$0.160(m)$	$26.76 m^3$
		3			
					$206.25 m^3$

⑧ Construction of Subgrade and earthen shoulder

$2 \times 340.00 \times 0.900 \times 0.125$	$= 76.50 m^3$
$2 \times 340.00 \times 0.625 \times 0.075$	$= 31.87 m^3$
$2 \times 340.00 \times 0.625 \times 0.160$	$= 68.00 m^3$
$176.37 m^3$	
Red A 81613	
$2 \times 50.00 \times 0.25 \times 0.125$	$= 3.12 m^3$
$2 \times 60.00 \times 0.25 \times 0.125$	$= 3.75 m^3$
$169.50 m^3$	

⑨ Paved layer and subgrade

$$2(30 + 60) \times 0.250$$

(10)	Prin an layup korop shoulderup.	
2	$(50.0 + 60.0) \times 0.250 =$	55.00 m^2
(11)	Prin an layup kor applin Rond 400000 Paub	
2	$\times 340.00 \times 0.100 =$	68.00 m^2
(12)	Prin an Layup 200 mm Paub duct Pipe	
		5.00 m^2
(13)	Prin an Paub kor Paub —	0.1 m^2
(14)	Prin an Paub 200 mm Paub —	0.2 m^2
(15)	Prin an Paub 100 mm Paub —	1.2 m^2
(16)	Prin an Paub 100 mm Paub —	0.1 m^2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) Placed Ready made concrete 3180 sqm					
(18) 600 mm sq mgs					= 0.1 N
(19) 600 mm dia circular					= 0.1 N
(20) 600 mm x 450 mm Rect					= 0.1 N
(21) Placed Ready made concrete Lap + Cotra + Mast board					0.3 N
/					
20.6.22 GZ	20.6.22 GZ				

<u>Abstract of Cost</u>					
(1) Cement and Cracking of RCC					
20.6.22 GZ	20.6.22 GZ				
0.068 Mee 0.52970.33/100					3602.00
(2) Placed Ready made concrete and Red Poles					
20.6.22 GZ	20.6.22 GZ				
0.340 Mee 0.12813.85/100					4357.00
(3) Elevation of RCC culvert					
20.6.22 GZ	20.6.22 GZ				
26.96 m3 0.130.83/100					3527.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ Cost of cement with separated sand					
24 ④ P-2					
16.18 m ³ @ 96.75/m ³					1565.10 ✓
⑤ Cost of 422 grt					
24 ⑤ P-243					
41.11 m ³ @ 3335.20/m ³					137110.10 ✓
⑥ PWD layer with m ³					
24 ⑥ P-3					
96.71 m ³ @ 4501.35/m ³					435326.10 ✓
⑦ Cost of concrete reinforcement cement concrete 400 mm bar					
24 ⑦ P-4					
206.25 m ³ @ 8084.30/m ³					1667387.10 ✓
⑧ Cost of subgrade and earth shoulder					
24 ⑧ P-4					
169.50 m ³ @ 183.34/m ³					31076.10 ✓
⑨ Cost of bitumen with C.P.P. and C.D. layer					
24 ⑨ P-5					
295.36 m ³ @ 197.04/m ³					58198.10 ✓

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑩ Plinth Laying corner shoulder 1st ⑩ P-5					
55.10 m ² @ 552.26/m ² R					30374.00 ✓
⑪ Plinth Laying kerb applied Road margin 2nd ⑪ P-5					
68.10 m ² @ 859.51/m ² R					58447.00 ✓
⑫ Plinth Laying 300 mm Recessed Pipe 2nd ⑫ P-5					
5.00 m ² @ 976.56/m ² R					4883.00 ✓

⑬ Plinth Laying 1000 mm 1st ⑬ P-5					
01 Nos @ 2359.35 each R					2359.00 ✓
⑭ Plinth Laying 200 mm Port 1st ⑭ P-5					
02 Nos @ 639.58/each R					1279.00 ✓
⑮ Plinth Laying 1000 mm 1st ⑮ P-5					
12 Nos @ 527.00/each R					6324.00 ✓
⑯ Plinth Laying 1000 mm 1st ⑯ P-5					
01 Nos @ 10183.29/each R					10183.00 ✓
⑰ Plinth Laying Traffic Signal 1st ⑰ P-6					
⑱ 6000 mm sq. single 01 No @ 3512.31/each R					3512.00 ✓

Add 12% Pn GST @ R	299957.00
Add 1% L-Cess @ R	24996.00
Add 1.205% Fore. Rec @ R	30121.00
	<u>R 2854714.00</u>
Less 17.29% Below Rates	493580.00
	<u>R 2361134.00</u>

Certified that
work has been
Completed as per
Spec & drawings.

30-6-22
B

02/07/22
ME