

R/N = NH82 Pachetan Road To Pachetan (Rest Portion)

via Pachetan

Schedule XLV-Form No. 134

DIVISION

SUB-DIVISION

342 यास्त खालील

# Measurement Book

3199

Deepak Kumar

प्रमाणित किया जाता है कि इस गांव पुस्तकालय में  
पश्चीम से छपे कुल-100 (एक सौ) पृष्ठ अंकित हैं। जिसे  
श्री.....~~महाराजा देवराज~~  
सहायक अधिकारी, प्राचीन कार्य विभाग, कार्य अधर  
प्रमणालय, अस्थामा  
के नाम से निर्गत  
किया जाता है।

कार्यपालक अधिकारी  
प्राचीन कार्य विभाग, कार्य प्रमणालय  
बिहार शासीक (नालन्दा)  
रामदत्त  
05-01-24

Sch. XLV-Form No. 134

विहारीखाड़ी DIVISION  
अस्थामा SUB-DIVISION

## Measurement Book

No. 3199

Name of Officer सी. नीरन्द वैगव  
कार्यपालक अधिकारी अवट प्रैसेज  
 Date of first entry \_\_\_\_\_  
 Date of last entry \_\_\_\_\_

1.

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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					1st on final Bill
Name of work:-					Construction of Road
From N H-82 Pachetam Road To					
Pachetam (Rest Portion) via					
Pachetam					
Agency:- Deepak Kumar					
Agreement No.: - MBD 01/2024-25					
Date of Commencement :- 27-08-2024					
Date of Completion :- 05-11-2024					

## MEASUREMENT

① clearing and Grubbing Road land

--- do --- do --- e/i

$$2 \times 1435 \times 1.00 = 2870 \text{ m}^2$$

$$1 \times 25 \times 1.00 = 25 \text{ m}^2$$

$$2 \times 240 \times 1.00 = 480 \text{ m}^2$$

$$3375 \text{ m}^2$$

$$\text{In HA, } 3375 / 10000 = 0.3375 \text{ HA}$$

② Providing laying, spreading &amp;

compacting GSB-II (Patchwork)

--- do --- do --- e/i

$$5 \times 1.8 \times 0.4 \times 0.175 = 0.63 \text{ m}^3$$

$$3 \times 2.0 \times 0.5 \times 0.150 = 1.35 \text{ m}^3$$

$$1.98 \text{ m}^3$$

Continuation

## Sch. XLV Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
BP					1.98m <sup>3</sup>
					8 x 1.7 x 0.6 x 0.175 = 1.90m <sup>3</sup>
					7 x 1.8 x 0.6 x 0.150 = 1.13m <sup>3</sup>
					5 x 1.5 x 0.5 x 0.175 = 0.66m <sup>3</sup>
					8 x 1.2 x 0.8 x 0.150 = 1.15m <sup>3</sup>
					6 x 1.6 x 0.7 x 0.150 = 1.01m <sup>3</sup>
					9 x 1.8 x 0.8 x 0.175 = 1.78m <sup>3</sup>
					8 x 1.65 x 0.9 x 0.150 = 1.78m <sup>3</sup>
					6 x 1.5 x 0.5 x 0.175 = 0.79m <sup>3</sup>
					4 x 2.0 x 0.9 x 0.175 = 1.26m <sup>3</sup>
					5 x 1.7 x 0.8 x 0.175 = 1.19m <sup>3</sup>
					8 x 2.1 x 0.8 x 0.175 = 2.35m <sup>3</sup>
					5 x 2.2 x 0.4 x 0.150 = 0.66m <sup>3</sup>
					8 x 1.8 x 0.9 x 0.175 = 2.27m <sup>3</sup>
					5 x 1.5 x 0.5 x 0.175 = 0.66m <sup>3</sup>
					6 x 2.3 x 0.8 x 0.175 = 1.93m <sup>3</sup>
					9 x 2.4 x 0.6 x 0.150 = 1.94m <sup>3</sup>

7 x 1.5 x 0.8 x 0.175 = 1.47m <sup>3</sup>
9 x 1.9 x 0.8 x 0.175 = 2.39m <sup>3</sup>
6 x 2.1 x 0.4 x 0.150 = 0.76m <sup>3</sup>
5 x 2.2 x 0.3 x 0.175 = 1.73m <sup>3</sup>
8 x 1.5 x 1.1 x 0.175 = 2.31m <sup>3</sup>
6 x 2.2 x 0.9 x 0.150 = 1.78m <sup>3</sup>
8 x 1.9 x 0.8 x 0.175 = 2.13m <sup>3</sup>
4 x 1.6 x 0.7 x 0.150 = 0.67m <sup>3</sup>
5 x 1.7 x 0.9 x 0.150 = 1.15m <sup>3</sup>
6 x 1.4 x 0.8 x 0.175 = 1.18m <sup>3</sup>
9 x 1.8 x 0.6 x 0.175 = 1.70m <sup>3</sup>
8 x 1.9 x 0.8 x 0.150 = 1.82m <sup>3</sup>
5 x 1.6 x 0.9 x 0.175 = 1.26m <sup>3</sup>
6 x 1.7 x 0.8 x 0.150 = 1.22m <sup>3</sup>
4 x 1.4 x 0.5 x 0.175 = 0.49m <sup>3</sup>
5 x 1.1 x 0.9 x 0.150 = 0.74m <sup>3</sup>

Continuation

46.47m<sup>3</sup>

d

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
BF					46.47m <sup>3</sup>
6 X 1.5 X 0.8 X 0.150 =					1.08m <sup>3</sup>
5 X 1.7 X 0.9 X 0.175 =					1.34m <sup>3</sup>
4 X 1.65 X 0.8 X 0.150 =					0.79m <sup>3</sup>
5 X 1.5 X 0.9 X 0.175 =					1.18m <sup>3</sup>
6 X 1.8 X 0.7 X 0.150 =					1.13m <sup>3</sup>
9 X 2.5 X 0.5 X 0.175 =					1.97m <sup>3</sup>
5 X 2.5 X 0.6 X 0.150 =					1.13m <sup>3</sup>
8 X 1.9 X 0.9 X 0.175 =					2.39m <sup>3</sup>
6 X 1.6 X 0.8 X 0.175 =					1.34m <sup>3</sup>
8 X 2.0 X 0.8 X 0.175 =					2.24m <sup>3</sup>
4 X 2.2 X 0.8 X 0.150 =					1.06m <sup>3</sup>
6 X 2.3 X 0.9 X 0.175 =					2.17m <sup>3</sup>
8 X 1.6 X 0.8 X 0.175 =					1.79m <sup>3</sup>
5 X 2.3 X 0.9 X 0.150 =					1.55m <sup>3</sup>
8 X 2.0 X 1.0 X 0.175 =					2.80m <sup>3</sup>
6 X 1.7 X 1.1 X 0.150 =					1.68m <sup>3</sup>
8 X 1.8 X 0.8 X 0.150 =					1.73m <sup>3</sup>
4 X 1.5 X 0.9 X 0.175 =					0.95m <sup>3</sup>
8 X 1.4 X 1.1 X 0.175 =					2.16m <sup>3</sup>
6 X 1.2 X 0.8 X 0.150 =					0.86m <sup>3</sup>
<u>Total Qty = 77.81m<sup>3</sup></u>					

③ Providing, laying, spreading

Compacting WBM GR-II (Patchwork)

— - do — - do — - e/i

$$5 \times 2.0 \times 0.65 \times 0.075 = 0.49m^3$$

$$9 \times 2.2 \times 0.75 \times 0.075 = 1.14m^3$$

Continuation

1.60m<sup>3</sup>

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
BF					1.60m <sup>3</sup>
	8	1.9	1.05	0.075	$8 \times 1.9 \times 1.05 \times 0.075 = 1.20m^3$
	7	2.0	0.85	0.075	$7 \times 2.0 \times 0.85 \times 0.075 = 0.89m^3$
	5	1.7	0.75	0.075	$5 \times 1.7 \times 0.75 \times 0.075 = 0.48m^3$
	8	1.4	1.050	0.075	$8 \times 1.4 \times 1.050 \times 0.075 = 0.88m^3$
	6	1.8	0.950	0.075	$6 \times 1.8 \times 0.950 \times 0.075 = 0.77m^3$
	4	2.0	1.050	0.075	$4 \times 2.0 \times 1.050 \times 0.075 = 0.63m^3$
	8	1.850	1.150	0.075	$8 \times 1.850 \times 1.150 \times 0.075 = 1.28m^3$
	6	1.7	0.750	0.075	$6 \times 1.7 \times 0.750 \times 0.075 = 0.57m^3$
	4	2.200	1.150	0.075	$4 \times 2.200 \times 1.150 \times 0.075 = 0.76m^3$
	5	1.900	1.050	0.075	$5 \times 1.900 \times 1.050 \times 0.075 = 0.75m^3$
	8	2.300	1.050	0.075	$8 \times 2.300 \times 1.050 \times 0.075 = 1.45m^3$
	5	2.400	0.650	0.075	$5 \times 2.400 \times 0.650 \times 0.075 = 0.59m^3$
	6	2.500	1.050	0.075	$6 \times 2.500 \times 1.050 \times 0.075 = 1.18m^3$
	5	1.600	0.600	0.075	$5 \times 1.600 \times 0.600 \times 0.075 = 0.36m^3$
	5	2.500	0.700	0.075	$5 \times 2.500 \times 0.700 \times 0.075 = 1.18m^3$
	8	1.900	1.000	0.075	$8 \times 1.900 \times 1.000 \times 0.075 = 1.14m^3$
	4	1.600	0.900	0.075	$4 \times 1.600 \times 0.900 \times 0.075 = 0.76m^3$
	9	2.000	0.900	0.075	$9 \times 2.000 \times 0.900 \times 0.075 = 1.22m^3$
	6	2.200	0.500	0.075	$6 \times 2.200 \times 0.500 \times 0.075 = 0.50m^3$
	5	2.300	1.000	0.075	$5 \times 2.300 \times 1.000 \times 0.075 = 0.86m^3$
	8	1.600	1.200	0.075	$8 \times 1.600 \times 1.200 \times 0.075 = 1.15m^3$
	6	2.300	1.000	0.075	$6 \times 2.300 \times 1.000 \times 0.075 = 1.04m^3$
	8	2.000	0.900	0.075	$8 \times 2.000 \times 0.900 \times 0.075 = 1.08m^3$
	4	1.700	0.800	0.075	$4 \times 1.700 \times 0.800 \times 0.075 = 0.41m^3$
	5	1.800	1.000	0.075	$5 \times 1.800 \times 1.000 \times 0.075 = 0.68m^3$
	6	1.500	0.900	0.075	$6 \times 1.500 \times 0.900 \times 0.075 = 0.61m^3$
	9	1.900	0.700	0.075	$9 \times 1.900 \times 0.700 \times 0.075 = 0.90m^3$
	8	2.000	0.900	0.075	$8 \times 2.000 \times 0.900 \times 0.075 = 1.08m^3$
	8	1.700	1.000	0.075	$8 \times 1.700 \times 1.000 \times 0.075 = 0.64m^3$
	6	1.800	0.900	0.075	$6 \times 1.800 \times 0.900 \times 0.075 = 0.73m^3$
	4	1.500	0.600	0.075	$4 \times 1.500 \times 0.600 \times 0.075 = 0.27m^3$
	5	1.200	1.000	0.075	$5 \times 1.200 \times 1.000 \times 0.075 = 0.45m^3$

Continuation

28.09m<sup>3</sup>

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
BF					28.09m <sup>3</sup>
					$6 \times 1.6 \times 0.9 \times 0.075 = 0.65m^3$
					$5 \times 1.8 \times 1.00 \times 0.075 = 0.68m^3$
					$4 \times 1.75 \times 0.9 \times 0.075 = 0.97m^3$
					$5 \times 1.6 \times 1.0 \times 0.075 = 0.60m^3$
					$6 \times 1.9 \times 0.8 \times 0.075 = 0.68m^3$
					$9 \times 2.6 \times 0.6 \times 0.075 = 1.05m^3$
					$5 \times 2.6 \times 0.7 \times 0.075 = 0.68m^3$
					$8 \times 2.0 \times 1.0 \times 0.075 = 1.20m^3$
					$6 \times 1.7 \times 0.9 \times 0.075 = 0.69m^3$
					$8 \times 2.1 \times 0.9 \times 0.075 = 1.13m^3$
					$4 \times 2.3 \times 1.0 \times 0.075 = 0.69m^3$
					$6 \times 2.6 \times 1.3 \times 0.075 = 1.52m^3$
					$8 \times 2.10 \times 0.9 \times 0.075 = 1.13m^3$
					$5 \times 2.4 \times 1.0 \times 0.075 = 0.90m^3$
					$8 \times 2.1 \times 1.10 \times 0.075 = 1.39m^3$
					$6 \times 1.8 \times 1.2 \times 0.075 = 0.93m^3$
					$8 \times 1.90 \times 0.9 \times 0.075 = 1.03m^3$
					$4 \times 1.6 \times 1.0 \times 0.075 = 0.98m^3$
					$8 \times 1.5 \times 1.2 \times 0.075 = 1.08m^3$
					$6 \times 1.3 \times 0.9 \times 0.075 = 0.53m^3$
					$5 \times 1.9 \times 1.2 \times 0.075 = 0.86m^3$
					$3 \times 2.6 \times 1.4 \times 0.075 = 0.82m^3$
					$4 \times 2.3 \times 1.3 \times 0.075 = 0.90m^3$
					$5 \times 1.8 \times 1.5 \times 0.075 = 1.07m^3$
					$3 \times 1.9 \times 0.8 \times 0.075 = 0.34m^3$
					$5 \times 2.6 \times 1.0 \times 0.075 = 0.98m^3$

Continuation

50.61m<sup>3</sup>

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
BF					50.61m <sup>3</sup>
6x2.9x0.9x0.075					= 1.17m <sup>3</sup>
5x1.9x4.2x0.075					= 0.86m <sup>3</sup>
5x2.1x0.9x0.075					= 0.31m <sup>3</sup>
Total Qty					= 53.35m <sup>3</sup>

3) Providing, laying, spreading  
and compacting W.B.M.-Gr-I  
(Patch work measurement)

5x2.05x0.7x0.075	= 0.54m <sup>3</sup>
9x2.25x0.8x0.075	= 1.22m <sup>3</sup>
8x1.95x1.10x0.075	= 1.29m <sup>3</sup>
7x2.05x0.9x0.075	= 0.97m <sup>3</sup>
5x1.75x0.8x0.075	= 0.53m <sup>3</sup>
8x1.45x1.10x0.075	= 0.96m <sup>3</sup>
6x1.85x1.0x0.075	= 0.83m <sup>3</sup>
4x2.05x1.10x0.075	= 0.96m <sup>3</sup>
8x1.90x1.2x0.075	= 1.36m <sup>3</sup>
6x1.75x0.8x0.075	= 0.63m <sup>3</sup>
4x2.45x1.2x0.075	= 0.88m <sup>3</sup>
5x2.150x1.6x0.075	= 1.29m <sup>3</sup>
8x2.35x1.10x0.075	= 1.55m <sup>3</sup>
5x2.45x0.7x0.075	= 0.64m <sup>3</sup>
6x2.550x1.100x0.075	= 1.26m <sup>3</sup>
5x1.650x0.65x0.075	= 0.40m <sup>3</sup>
9x2.550x0.75x0.075	= 1.29m <sup>3</sup>
8x1.950x1.050x0.075	= 1.23m <sup>3</sup>
7x1.650x0.95x0.075	= 0.82m <sup>3</sup>
9x2.050x0.95x0.075	= 1.31m <sup>3</sup>
6x2.25x0.55x0.075	= 0.56m <sup>3</sup>
Continuation	19.74m <sup>3</sup>
	20.24m <sup>3</sup>

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area $m^3$
	No.	L.	B.	D.	
BF					0.24m <sup>3</sup>
					49.74m <sup>3</sup>
	5	2.35	1.05	$\times 0.075 = 0.93m^3$	
	8	1.65	1.25	$\times 0.075 = 1.01m^3$	
	6	2.35	1.05	$\times 0.075 = 1.01m^3$	
	8	1.65	1.25	$\times 0.075 = 1.01m^3$	
	4	1.75	0.85	$\times 0.075 = 0.45m^3$	
	5	1.85	1.05	$\times 0.075 = 0.73m^3$	
	6	1.55	0.95	$\times 0.075 = 0.66m^3$	
	9	1.75	0.75	$\times 0.075 = 0.99m^3$	
	8	2.05	0.95	$\times 0.075 = 1.17m^3$	
	5	1.75	1.05	$\times 0.075 = 0.69m^3$	
	6	1.85	0.95	$\times 0.075 = 0.79m^3$	
	4	1.55	0.65	$\times 0.075 = 0.30m^3$	
	5	2.5	1.5	$\times 0.075 = 1.41m^3$	
	6	2.3	1.6	$\times 0.075 = 1.66m^3$	
	5	1.85	1.05	$\times 0.075 = 0.73m^3$	
	4	1.80	0.95	$\times 0.075 = 0.51m^3$	
	5	1.65	1.05	$\times 0.075 = 0.65m^3$	
	6	1.95	0.85	$\times 0.075 = 0.75m^3$	
	9	2.65	0.65	$\times 0.075 = 1.16m^3$	
	5	2.65	0.75	$\times 0.075 = 0.75m^3$	
	8	2.05	1.05	$\times 0.075 = 1.29m^3$	
	6	1.75	0.95	$\times 0.075 = 0.75m^3$	
	8	2.150	0.95	$\times 0.075 = 1.23m^3$	
	4	2.350	0.95	$\times 0.075 = 0.67m^3$	
	6	2.45	1.050	$\times 0.075 = 1.16m^3$	
	8	2.30	1.30	$\times 0.075 = 1.79m^3$	
					44.20m <sup>3</sup>
					45.03m <sup>3</sup>

Continuation

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	BF				5.03m <sup>3</sup>
					44.20m <sup>3</sup>
	5	2.65	1.05	0.075	1.04m <sup>3</sup>
	8	2.65	1.5	0.075	2.39m <sup>3</sup>
	6	2.95	0.95	0.075	1.26m <sup>3</sup>
	8	1.65	1.40	0.075	1.39m <sup>3</sup>
	4	2.35	1.05	0.075	0.74m <sup>3</sup>
	8	2.50	1.40	0.075	2.10m <sup>3</sup>
	6	1.95	1.20	0.075	1.05m <sup>3</sup>
	5	2.4	1.50	0.075	1.35m <sup>3</sup>
	3	2.150	1.30	0.075	0.63m <sup>3</sup>
	4	2.00	1.40	0.075	0.88m <sup>3</sup>
	7	2.30	1.50	0.075	1.81m <sup>3</sup>
	5	1.25	1.050	0.075	0.49m <sup>3</sup>
	6	1.650	0.95	0.075	0.71m <sup>3</sup>
	3	2.150	1.30	0.075	0.63m <sup>3</sup>
	5	2.100	1.40	0.075	1.10m <sup>3</sup>
	4	2.25	1.2	0.075	0.81m <sup>3</sup>
	5	1.95	1.10	0.075	0.80m <sup>3</sup>
	7	2.40	1.20	0.075	1.51m <sup>3</sup>
	3	2.45	1.45	0.075	0.86m <sup>3</sup>
	9	2.95	1.90	0.075	3.78m <sup>3</sup>
	8	2.50	1.80	0.075	2.70m <sup>3</sup>
	5	2.80	2.10	0.075	2.20m <sup>3</sup>
	9	2.75	1.85	0.075	3.43m <sup>3</sup>
	6	2.10	2.05	0.075	1.93m <sup>3</sup>
	6	2.9	2.10	0.075	2.74m <sup>3</sup>
	Total quantity =				82.53m <sup>3</sup>
					83.36m <sup>3</sup>
	Limit =				82.82m <sup>3</sup>

Continuation

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
BF					82.82 m <sup>3</sup>
⑤ Providing and applying					
Polymer coat with Bitumen					
Emulsion (SS1)					
- - - do - - - do - - e/i					
as same as Item ④ Qty wide = 82.82					
					0.75
					= 1104.27 m <sup>2</sup>

⑥ Providing and applying					
Tack coat with Bitumen					
Emulsion (RS1)					
- - - do - - - do - - e/i					
21 X $\frac{4.5 + 4.7 + 3.75}{3} = 90.65 m^2$					
73 X 3.75 = 273.75 m <sup>2</sup>					
26 X $\frac{3.75 + 5.0 + 3.75}{3} = 108.34 m^2$					
219 X 3.75 = 821.25 m <sup>2</sup>					
20 X $\frac{2.75 + 4.4 + 3.75}{3} = 79.34 m^2$					
930 X 3.75 = 3487.5 m <sup>2</sup>					
20 X $\frac{3.75 + 4.9 + 3.75}{3} = 82.67 m^2$					
930 X 3.75 = 3487.5 m <sup>2</sup>					
20 X $\frac{3.75 + 4.9 + 3.75}{3} = 82.67 m^2$					
126.7 X 3.75 = 475.12 m <sup>2</sup>					
25 X $\frac{2.4 + 3.0 + 3.75}{3} = 76.25 m^2$					
83 X 3.75 = 311.25 m <sup>2</sup>					
18 X $\frac{3.75 + 5.8 + 3.75}{3} = 79.79 m^2$					
100 X 3.75 = 375 m <sup>2</sup>					
					6260.91 m <sup>2</sup>

Continuation

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
BF					6260.91m <sup>2</sup>
14 X	3.0 + 3.7 + 7.0 + 3.75	4			= 75.67 m <sup>2</sup>
25 X	3.75				= 93.75 m <sup>2</sup>
Total Qty					= 6429.73 m <sup>2</sup>

⑦ Providing and laying semi-dense Bituminous concrete.

— do — do — e/i

21 X	4.50 + 4.7 + 3.75	3	X 0.025 = 2.26 m <sup>3</sup>
73 X	3.75 X 0.025		= 6.84 m <sup>3</sup>
26 X	3.75 + 5.0 + 3.75	3	X 0.025 = 2.70 m <sup>3</sup>
219 X	3.75 X 0.025		= 20.53 m <sup>3</sup>
20 X	3.75 + 4.40 + 3.75	3	X 0.025 = 1.98 m <sup>3</sup>
930 X	3.75 X 0.025		= 87.18 m <sup>3</sup>
126.7 X	3.75 X 0.025		= 11.87 m <sup>3</sup>
20 X	3.75 + 4.9 + 3.75	3	X 0.025 = 2.06 m <sup>3</sup>
25 X	2.8 + 3.0 + 3.75	3	X 0.025 = 1.98 m <sup>3</sup>
83 X	3.75 X 0.025		= 7.78 m <sup>3</sup>
18 X	3.75 + 5.8 + 3.75	3	X 0.025 = 1.99 m <sup>3</sup>
100 X	3.75 X 0.025		= 9.37 m <sup>3</sup>
14 X	7.0 + 3.7 + 7.0 + 3.75	4	X 0.025 = 1.87 m <sup>3</sup>
25 X	3.75 X 0.025		= 2.34 m <sup>3</sup>
Total Qty			= 160.75 m <sup>3</sup>

Continuation

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
BF					160.75 m <sup>3</sup>

③ Construction of Subgrade and  
Earthen shoulders

-- do	-- do	-- e/i		
2 x 21 x 1 x 0.3	=	12.6 m <sup>3</sup>		
2 x 73 x 1 x 0.3	=	43.8 m <sup>3</sup>		
2 x 26 x 1 x 0.3	=	15.6 m <sup>3</sup>		
2 x 219 x 1 x 0.3	=	131.4 m <sup>3</sup>		
2 x 20 x 1 x 0.3	=	12.0 m <sup>3</sup>		
2 x 126.7 x 1 x 0.3	=	76.02 m <sup>3</sup>		
1 x 25 x $\frac{0.6+0.3}{2} \times 0.3$	=	3.37 m <sup>3</sup>		
2 x 83 x 1.0 x 0.3	=	49.8 m <sup>3</sup>		
2 x 18 x 1.0 x 0.3	=	10.8 m <sup>3</sup>		
2 x 100 x 1.0 x 0.3	=	60.0 m <sup>3</sup>		
2 x 14 x 1.0 x 0.3	=	8.4 m <sup>3</sup>		
1 x 25 x $\frac{0.5+0.3}{2} \times 0.3$	=	3.0 m <sup>3</sup>		
Total Qty =		996.79 m <sup>3</sup>		

④ Reinforced Cement Concrete

M15 Km stone

-- do	-- do	-- e/i	
Qty = 3.00 NOS			= 3.00 NOS

⑤ Reinforced cement Concrete

M15 grade 200 m stone

-- do	-- do	-- e/i	
Qty = 7.00 NOS			= 7.00 NOS

Continuation

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) Providing and fixing of Retro-Reflectorised 600mm Equilateral triangle --- do --- do --- epi					
Qty = 13.00 Nos					= 13.00 Nos
(12) Providing and fixing of Retro-Reflectorised 600mm Circular --- do --- do --- epi					
Qty = 2.00 Nos					= 2.00 Nos
(13) Providing and fixing of Retro-Reflectorised 600mmx450mm Rectangular --- do --- do --- epi					
Qty = 3.00 Nos					= 3.00 Nos
(14) Providing and laying of hot applied Thermoplastic Compound Road marking --- do --- do --- epi					
$2 \times 21 \times 0.1 = 4.2m^2$					
$2 \times 73 \times 0.1 = 14.6m^2$					
$2 \times 26 \times 0.1 = 5.2m^2$					
$2 \times 219 \times 0.1 = 43.8m^2$					

Continuation

 $67.8m^2$

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	BF				67.8m <sup>2</sup>
	2	20	0.1	=	4.0m <sup>2</sup>
	2	930	0.1	=	186m <sup>2</sup>
	2	20	0.1	=	4.0m <sup>2</sup>
	2	126.7	0.1	=	25.34m <sup>2</sup>
	2	25	0.1	=	5.0m <sup>2</sup>
	2	83	0.1	=	16.6m <sup>2</sup>
	2	18	0.1	=	3.6m <sup>2</sup>
	2	100	0.1	=	20m <sup>2</sup>
	2	14	0.1	=	2.8m <sup>2</sup>
	2	25	0.1	=	5.0m <sup>2</sup>
	Total Qty = 340.19m <sup>2</sup>				
	Unit = 340.00m <sup>2</sup>				

(5) planting of trees by the road side

- - do - - do - - e/i

Qty = 80. NO.8 = 80.00 Nos.

(6) Providing and fixing 'Logo' of project

- - do - - do - - e/i

Qty = 2.00 NO.8 = 2.00 Nos.

(7) providing and fixing citizen

Information Board

- - do - - do - - e/i

Qty = 2.00 NO.8 = 2.00 Nos.

Continuation

## Sch. XLV-Form No. 134

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

⑯ Providing and fixing

'Logo' of maintenance board

-- do -- do -- e/i

Qty = 1.00 Nos

= 1.00 Nos

Revised  
14/11/24  
P.F.

ABSTRACT OF COST

① Clearing and grubbing Roadland

-- do -- do -- e/i

0.3375 HA VT MB P — ①

@ Rs 76926.08 / HA Rs 25962/-

② Providing laying, spreadings

Compacting GSB-II

-- do -- do -- e/i

77.81m<sup>3</sup> VT MB P — ③

@ Rs 1427.12 / m<sup>3</sup> Rs 111044/-

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
BF					Rs 13700/-
③ Providing, laying, spreading compacting w/BM Gr-II					
--- do --- do --- e/i					
53.35m <sup>3</sup> VTM B P	(06)				
@ 3032.67/m <sup>3</sup>		Rs 161773/-			
④ Providing, laying, spreading and compacting w/BM Gr-III					
--- do --- do --- e/i					
82.82m <sup>3</sup> VTM B P	(08)				
@ 3061.86/m <sup>3</sup>		Rs 253583/-			
⑤ Providing and applying Primer coat with Bitumen Emulsion (SS)					
--- do --- do --- e/i					
1104.27m <sup>2</sup> VTM B P	(09)				
@ Rs 57.15/m <sup>2</sup>		Rs 63109/-			
⑥ Providing and applying Tack coat with Bitumen Emulsion (Rs1)					
--- do --- do --- e/p					
6429.73m <sup>2</sup> VTM B P	(10)				
@ Rs 19.60/m <sup>2</sup>		Rs 126023/-			
					Rs 741514/-

Continuation

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		R.F			Rs 74151/-

⑦ Providing and laying semi-dense Bituminous concrete

- - do - - do - - epi

160.75 m<sup>3</sup> VTM B P — (10)

@ 13020.18/m<sup>3</sup> — Rs 2092994/-

⑧ Construction of subgrade and Earthen shoulder

- - do - - do - - epi

996.79 m<sup>3</sup> VTM B P — (11)

@ 264.51/m<sup>3</sup> — Rs 263661/-

⑨ Reinforced Cement Concrete

M15 KM stone

- - do - - do - - epi

3.00 Nos VTM B P — (11)

@ 2765.06/Nos — Rs 8295/-

⑩ Reinforced Cement concrete

M15 200 mm stone

- - do - - do - - epi

7.00 Nos VTM B P — (11)

@ 796.38/Nos — Rs 5575/-

Rs 3112039/-

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
BF					Rs 3112039/-

(11) Providing and fixing of Retro-Reflectorised 600mm Equilateral triangle	- - - do - - - do - - e/i	
13.00 NOS VTM B P	(12)	@ 4411.34 — Rs 57347/-

(12) Providing and fixing of Retro-Reflectorised 600mm Circular	- - - do - - - do - - e/i	
2.00 NOS VTM B P	(12)	
		@ 4253.66 — Rs 8507/-

(13) Providing and fixing of Retro-Reflectorised 600mmx450mm rectangular	- - - do - - - do - - e/i	
3.00 NOS VTM B f	(12)	
		@ 4109.13 — Rs 12327/-

(14) Providing and laying of hot applied Thermoplastic Compound Road Marking	- - - do - - - do - - e/i	
340 m <sup>2</sup> VTM B P	(13)	Rs 3190220/-

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
BF					Rs 3190220/-
@ 886.5/m <sup>2</sup>					Rs 301410/-

(15) Planting of trees by the road side

--- do --- do --- epi

20.0 Nos V TMB P (13)

@ 1305.10 — Rs 104408/-

(6) Providing and fixing 'Logo' of project

--- do --- do --- epi

2.00 Nos V TMB P (13)

@ 11526.67 — Rs 23053/-

(7) Providing and fixing citizen Information Board

--- do --- do --- epi

2.00 Nos V TMB P (13)

@ 11526.67 — Rs 23053/-

(8) Providing and fixing 'Logo' of maintenance board

--- do --- do --- epi

1.00 Nos V TMB P (14)

@ 11526.67 — Rs 11526/-

Rs 3653670/-

Continuation

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
BF				Rs 365367/-	
Add Labour cost @ 1% of area				Rs 36537/-	
Add GST cost @ 8% of area				Rs 365766/-	
Add Seignorage @ 10% of area				Rs 41686/-	
				Rs = 4389554/-	
Less below C. 04% as per agreement				Rs = 1755/-	
				Rs 4387799/-	
<i>W/ A/P/C</i>					

## material statement

- ① E/W = 996.79 m<sup>3</sup>
- ② GSB-II (Stone metal) = 56.02 m<sup>3</sup>
- ③ Local sand = 37.35 m<sup>3</sup>
- ④ WBM Gr.-II (Metal) = 64.55 m<sup>3</sup>
- ⑤ Screening = 14.40 m<sup>3</sup>
- ⑥ WBM Gr.-III (metal) = 100.21 m<sup>3</sup>
- ⑦ Screening = 19.87 m<sup>3</sup>
- ⑧ Emulsion (SSI) = 0.939 MT
- ⑨ Emulsion (Rsi) = 1.929 MT
- ⑩ SDBC = 17.683 MT
- ⑪ Waste Plastic (T) = 1.237 MT
- ⑫ Stone chips = 229.89 m<sup>3</sup>

Continuation

*W/ A/P/C  
14/11/2021*