

N/Road:- MAZABARI POKTOKI ROAD TO POKTOKI  
- KALAN.

# Schedule XLV-Form No. 134

Heng - Ashok Kumar,

Head - M.R. 3054 - N.M.P - 2018

RINJIDWORS

DIVISION

KISHANGONG -

RINJIDWORS - SUB-DIVISION  
KUCHEDHORAN

**MEASUREMENT BOOK**

3429

Name to work—

1

### 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.	
Test B. A/C Bill					
1/ Work - maint. of Road					
From MAUZABARI PATKOT ROAD TO PATKOT KALANI.					
Lead - MR- 3054 - New-maint.					
Police - 2018.					
1/ Agency :- ASHOK KUMAR.					
H. Pakri Ara Bhujpur -					
Agreement No - 03/Anew/MRJ					
1/ MBD/2023-24					
Agreement Value :- 20/- per mtr					

of B.O.Q. Raat -

Date of work Start: - 03.04.23

Date of Completion: - 02-01-24

Date of measurement : - 02-10-23

Date of Record Entry:-

(1) cleaning & lubricating road.

Land. - - - Do - - Do. #11

$$2 \times 13.0 \times 30.0 \times 1.0 = 780.0 \text{ m}^2$$

$$\frac{2 \times 1 \text{ m}^2}{1 \text{ m}^2} \times 10.0 \times 1.0 = 20.0 \text{ m}^2$$

$$2 \times 23 \text{ m} \times 30.0 \text{ m} \times 1.0 = 1,380 \text{ m}^2$$

$$2 \times 1.0 \times 1.0 \times 1.0 = 2.0 \text{ m}^2$$

$$2 \times 5 \text{ m} \times 30.10 \times 1.0 = 300.2 \text{ m}^2$$

$$2 \times 80.0 \times 30.0 \times 1.0 = 480.0 \text{ m}^2$$

$$2 \times 10 \text{ m} \times 30.0 \text{ m} \times 1.0 = 600 \text{ m}^2$$

$$2 \times 140 \times 10.0 \times 1.0 = 280 \text{ m}^2$$

$\in 2800 \text{ cm}^2$

$$S_{\text{eff}} = 0.36 \text{ Hartree}$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) Const. of 6.5 B. with well gravel materials - - - - - AII. as per pot measurement					
1st KM					
$1.40 \times 3.20 \times 1.40 \times 0.100 = 0.448 m^3$					
$3.10 \times 2.12 \times 1.40 \times 0.100 = 0.89 m^3$					
$2.10 \times 2.15 \times 1.50 \times 0.100 = 0.645 m^3$					
$3.10 \times 3.45 \times 1.50 \times 0.100 = 1.55 m^3$					
$3.10 \times 4.65 \times 1.45 \times 0.100 = 2.0 m^3$					
$2.10 \times 2.25 \times 1.50 \times 0.100 = 0.67 m^3$					
$2.10 \times 3.50 \times 1.50 \times 0.100 = 1.05 m^3$					
$3.10 \times 2.14 \times 1.45 \times 0.100 = 0.93 m^3$					
$2.10 \times 3.45 \times 1.60 \times 0.100 = 1.12 m^3$					
$3.10 \times 2.15 \times 1.40 \times 0.100 = 0.90 m^3$					
$3.10 \times 2.15 \times 1.45 \times 0.100 = 0.94 m^3$					
$2.10 \times 3.45 \times 1.40 \times 0.100 = 1.0 m^3$					
$3.10 \times 2.14 \times 1.48 \times 0.100 = 0.95 m^3$					
$2.10 \times 3.45 \times 1.50 \times 0.100 = 1.0 m^3$					
(A) Total quantity $= 14.093 m^3$					
2nd KM					
$2.10 \times 1.65 \times 1.54 \times 0.100 = 1.48 m^3$					
$3.10 \times 1.28 \times 1.56 \times 0.100 = 2.0 m^3$					
$2 \times 2.12 \times 1.50 \times 0.100 = 0.67 m^3$					
$3.10 \times 2.15 \times 1.60 \times 0.100 = 1.05 m^3$					
$2.10 \times 3.45 \times 1.60 \times 0.100 = 1.10 m^3$					
$4.10 \times 2.15 \times 1.40 \times 0.100 = 1.20 m^3$					
$3.10 \times 3.50 \times 1.50 \times 0.100 = 1.525 m^3$					
$3.10 \times 1.65 \times 1.50 \times 0.100 = 2.092 m^3$					
Continuation					
$(0.497 \times 11.117 m^3)$					

Ch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3 Nos					$B.F = 4 \times 1 = 11.117 m^3$
2 Nos	2.25	1.48	$\times 0.100$		$0.100 = 0.67 m^3$
3 Nos	3.50	1.50	$\times 0.100$		$0.100 = 1.575 m^2$
3 Nos	3.35	1.56	$\times 0.100$		$0.100 = 1.50 m^2$
1 Nos	3.20	1.50	$\times 0.100$		$0.100 = 0.48 m^3$
1 Nos	4.30	1.60	$\times 0.100$		$0.100 = 0.688 m^3$
5 Nos	2.10	1.50	$\times 0.100$		$0.100 + 1.575 m^3$
4 Nos	2.15	1.60	$\times 0.100$		$0.100 = 1.326 m^3$
2 Nos	2.15	1.50	$\times 0.100$		$0.100 = 0.645 m^3$
1 Nos	3.45	1.45	$\times 0.100$		$0.100 = 0.500 m^3$
1 Nos	2.65	1.45	$\times 0.100$		$0.100 = 0.674 m^3$
2 Nos	2.25	1.48	$\times 0.100$		$0.100 = 0.666 m^3$
1 Nos	3.45	1.50	$\times 0.100$		$0.100 = 0.513 m^3$
3 Nos	3.25	1.50	$\times 0.100$		$0.100 = 1.50 m^3$
1 Nos	3.20	1.55	$\times 0.100$		$0.100 = 0.496 m^3$
1 Nos	4.30	1.60	$\times 0.100$		$0.100 = 0.688 m^3$
2 Nos	2.10	1.60	$\times 0.100$		$0.100 + 0.672 m^3$
2 Nos	2.15	1.60	$\times 0.100$		$0.100 = 0.688 m^3$
2 Nos	2.25	1.50	$\times 0.100$		$0.100 = 0.675 m^3$
(B)					$T.S + C.P.T.Y = 26.702 m^3$
Total C.I.S.B.C.P.T.Y (A+B)					$= 14.093 m^3$
					$+ 26.702 = 40.795 m^3$
Say B.M.T.Y					$= 40.70 m^3$
Ramya					
02-10-2029					
J.C					

Continuation

Sch. XLV—Form No. 134

Sch. XLV—Form No. 134					Contents area	
Particulars	Details of actual measurement					
	No.	L.	B.	D.		
<u>Date of measurement</u>					07-10-2023	
<u>1st km.</u>						
<u>Const. of W.B.M. brr-II materials +</u>						
<u>A.S per Pot measurement</u>						
<u>1st km.</u>						
$1 \text{ No} \times 3.5 \times 1.60 \times 0.075 = 0.420 \text{ m}^3$						
$3 \text{ No} \times 2.40 \times 1.60 \times 0.075 = 0.864 \text{ m}^3$						
$2 \text{ No} \times 2.45 \times 1.60 \times 0.075 = 0.585 \text{ m}^3$						
$3 \text{ No} \times 3.75 \times 1.65 \times 0.075 = 1.395 \text{ m}^3$						
$3 \text{ No} \times 4.95 \times 1.70 \times 0.075 = 1.893 \text{ m}^3$						
$2 \text{ No} \times 2.55 \times 1.70 \times 0.075 = 0.850 \text{ m}^3$						
$2 \text{ No} \times 3.75 \times 1.70 \times 0.075 = 0.956 \text{ m}^3$						
$3 \text{ No} \times 2.45 \times 1.65 \times 0.075 = 0.905 \text{ m}^3$						
$2 \text{ No} \times 3.75 \times 1.80 \times 0.075 = 1.01 \text{ m}^3$						
$3 \text{ No} \times 2.45 \times 1.60 \times 0.075 = 0.882 \text{ m}^3$						
$3 \text{ No} \times 2.45 \times 1.65 \times 0.075 = 0.909 \text{ m}^3$						
$5 \text{ No} \times 3.75 \times 1.65 \times 0.075 = 2.32 \text{ m}^3$						
$3 \text{ No} \times 2.45 \times 1.65 \times 0.075 = 0.909 \text{ m}^3$						
$2 \times 3.75 \times 1.70 \times 0.075 = 0.956 \text{ m}^3$						
$2 \times 4.95 \times 1.75 \times 0.075 = 1.299 \text{ m}^3$						
<u>2nd km.</u>						
$3 \text{ No} \times 4.58 \times 1.75 \times 0.075 = 1.80 \text{ m}^3$						
$2 \text{ No} \times 2.45 \times 1.75 \times 0.075 = 0.643 \text{ m}^3$						
$3 \text{ No} \times 2.45 \times 1.80 \times 0.075 = 0.992 \text{ m}^3$						
$2 \text{ No} \times 3.75 \times 1.80 \times 0.075 = 1.012 \text{ m}^3$						
$4 \text{ No} \times 2.45 \times 1.60 \times 0.075 = 1.176 \text{ m}^3$						
$3 \text{ No} \times 3.75 \times 1.65 \times 0.075 = 1.392 \text{ m}^3$						

### *Continuation*

$$(\circ 4) \gamma = 22.96 \text{ m}^3$$

## Sect. XLV—Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
				$BF = \rho dy = 22.96 m^3$
5 Nos	$4.95 \times 1.65 \times 0.075 = 0.98 m^3$			
2 Nos	$2.55 \times 1.70 \times 0.075 = 0.65 m^3$			
3 Nos	$3.75 \times 1.70 \times 0.075 = 1.434 m^3$			
3 Nos	$3.65 \times 1.75 \times 0.075 = 1.437 m^3$			
7 Nos	$3.50 \times 1.75 \times 0.075 = 3.21 m^3$			
1 Nos	$4.60 \times 1.75 \times 0.075 = 0.603 m^3$			
5 Nos	$2.45 \times 1.75 \times 0.075 = 1.60 m^3$			
4 Nos	$2.45 \times 1.80 \times 0.075 = 1.323 m^3$			
2 Nos	$2.45 \times 1.65 \times 0.075 = 0.606 m^3$			
1 Nos	$3.75 \times 1.65 \times 0.075 = 0.464 m^3$			
1 Nos	$4.95 \times 1.65 \times 0.075 = 0.612 m^3$			
2 Nos	$2.55 \times 1.70 \times 0.075 = 0.65 m^3$			
				$5 \times 3.75 \times 1.70 \times 0.075 = 2.39 m^3$
5 Nos	$3.64 \times 1.75 \times 0.075 = 2.383 m^3$			
1 Nos	$3.50 \times 1.75 \times 0.075 = 0.459 m^3$			
3 Nos	$4.60 \times 1.75 \times 0.075 = 1.811 m^3$			
3 Nos	$2.45 \times 1.80 \times 0.075 = 0.992 m^3$			
5 Nos	$2.45 \times 1.80 \times 0.075 = 1.653 m^3$			
2 x 2	$2.55 \times 1.70 \times 0.075 = 0.65 m^3$			
				Total = $48.862 m^3$
				Limit Survey total $\rho dy = 48.83 m^3$
Ramya				
07-10-2023				
JL				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Date of measurement.</u>					
16-10-2023					
(1) 61 B.M (mm) - Forest. Pow. laying, spreading and compacting Stone aggregate. - 20 ft m/s					
<u>As per. Pot measurement.</u>					
<u>Test Km.</u>					
$1.40 \times 3.40 \times 1.90 \times 0.075 = 0.484 \text{ m}^3$					
$3.10 \times 2.90 \times 1.90 \times 0.075 = 1.239 \text{ m}^3$					
$2.10 \times 2.94 \times 1.92 \times 0.075 = 0.846 \text{ m}^3$					
$3.10 \times 4.25 \times 1.95 \times 0.075 = 1.864 \text{ m}^3$					
$3.10 \times 5.45 \times 1.95 \times 0.075 = 2.391 \text{ m}^3$					
$2.10 \times 3.05 \times 1.90 \times 0.075 = 0.869 \text{ m}^3$					
$3.10 \times 2.94 \times 1.90 \times 0.075 = 1.256 \text{ m}^3$					
$2.10 \times 4.25 \times 2.0 \times 0.075 = 1.275 \text{ m}^3$					
$2.10 \times 5.45 \times 2.05 \times 0.075 = 1.675 \text{ m}^3$					
$3.10 \times 5.08 \times 2.0 \times 0.075 = 2.35 \text{ m}^3$					
$2.10 \times 2.90 \times 2.0 \times 0.075 = 0.90 \text{ m}^3$					
$3.10 \times 2.95 \times 2.10 \times 0.075 = 1.39 \text{ m}^3$					
$2.10 \times 4.25 \times 2.10 \times 0.075 = 1.35 \text{ m}^3$					
$4.10 \times 2.95 \times 1.95 \times 0.075 = 1.70 \text{ m}^3$					
$3.10 \times 4.25 \times 2.0 \times 0.075 = 1.92 \text{ m}^3$					
$3.10 \times 4.15 \times 2.10 \times 0.075 = 1.98 \text{ m}^3$					
$7.10 \times 4.10 \times 1.90 \times 0.075 = 4.02 \text{ m}^3$					
$1.10 \times 4.25 \times 1.95 \times 0.075 = 0.62 \text{ m}^3$					
$5.10 \times 5.45 \times 1.95 \times 0.075 = 4.0 \text{ m}^3$					
$4.10 \times 3.05 \times 2.0 \times 0.075 = 1.81 \text{ m}^3$					
$2.10 \times 4.25 \times 2.0 \times 0.075 = 1.28 \text{ m}^3$					

Continuation

(P. q.t.j. 235.219 m<sup>3</sup>)

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$BF = qfy = 35.219 \text{ m}^3$
2 Nos	(Km)				
1 No	$4.15 \times 2.0 \times 0.075 = 0.63 \text{ m}^3$				
1 No	$3.80 \times 2.0 \times 0.075 = 0.57 \text{ m}^3$				
1 No	$5.0 \times 2.0 \times 0.075 = 0.75 \text{ m}^3$				
5 Nos	$2.70 \times 2.0 \times 0.075 = 2.02 \text{ m}^3$				
4 Nos	$2.75 \times 2.10 \times 0.075 = 1.73 \text{ m}^3$				
2 Nos	$2.75 \times 1.90 \times 0.075 = 0.783 \text{ m}^3$				
1 No	$4.05 \times 1.95 \times 0.075 = 0.592 \text{ m}^3$				
1 No	$5.25 \times 1.95 \times 0.075 = 0.767 \text{ m}^3$				
2 Nos	$2.85 \times 2.0 \times 0.075 = 0.855 \text{ m}^3$				
5 Nos	$4.05 \times 1.90 \times 0.075 = 2.88 \text{ m}^3$				
5 Nos	$4.0 \times 2.0 \times 0.075 = 3.0 \text{ m}^3$				

1 nolox	$3.80 \times 1.95 \times 0.075 = 0.555 \text{ m}^3$
3 nolox	$4.90 \times 1.95 \times 0.075 = 2.114 \text{ m}^3$
3 nolox	$2.75 \times 2.0 \times 0.075 = 1.23 \text{ m}^3$
5 nolox	$2.75 \times 2.0 \times 0.075 = 2.06 \text{ m}^3$
2 nolox	$2.85 \times 1.90 \times 0.075 = 0.812 \text{ m}^3$

Ramgopal  
16-10-2023  
J-E.

Date of measurement

Sch. XLV—Form No. 134

20.12.23

Particulars	Details of actual measurement				Content ar
	No.	L.	B.	D.	
(B) Prime coat - (Low Progity)					
÷ Box - & applying Primer					
(cont B5-1) - - - - -					
Pot Patch Areas					
First Km					
1 No $\times$ 3.40 $\times$ 1.90 = 6.46 m <sup>2</sup>					
3 No $\times$ 2.90 $\times$ 1.90 = 16.53 m <sup>2</sup>					
2 No $\times$ 2.95 $\times$ 1.92 = 11.28 m <sup>2</sup>					
3 No $\times$ 4.25 $\times$ 1.95 = 24.86 m <sup>2</sup>					
3 No $\times$ 5.45 $\times$ 1.95 = 31.88 m <sup>2</sup>					
2 No $\times$ 3.05 $\times$ 2.0 = 12.20 m <sup>2</sup>					
3 No $\times$ 2.95 $\times$ 2.0 = 17.70 m <sup>2</sup>					
2 No $\times$ 4.25 $\times$ 2.0 = 17.0 m <sup>2</sup>					
2 No $\times$ 5.45 $\times$ 2.05 = 22.34 m <sup>2</sup>					
3 No $\times$ 5.08 $\times$ 2.05 = 31.242 m <sup>2</sup>					
2 No $\times$ 2.95 $\times$ 2.0 = 11.80 m <sup>2</sup>					
3 No $\times$ 2.95 $\times$ 2.10 = 18.585 m <sup>2</sup>					
2 No $\times$ 4.25 $\times$ 2.15 = 18.275 m <sup>2</sup>					
4 No $\times$ 2.95 $\times$ 1.95 = 23.01 m <sup>2</sup>					
3 No $\times$ 4.25 $\times$ 2.0 = 25.50 m <sup>2</sup>					
3 No $\times$ 4.15 $\times$ 2.10 = 26.14 m <sup>2</sup>					
7 No $\times$ 4.0 $\times$ 2.0 = 56.0 m <sup>2</sup>					
1 No $\times$ 4.25 $\times$ 1.95 = 8.287 m <sup>2</sup>					
5 No $\times$ 5.45 $\times$ 2.0 = 54.50 m <sup>2</sup>					
4 No $\times$ 3.05 $\times$ 2.0 = 24.40 m <sup>2</sup>					
2 X 4.25 $\times$ 2.0 = 17.0 m <sup>2</sup>					
1 No $\times$ 4.15 $\times$ 2.0 = 8.30 m <sup>2</sup>					

Continuation

$$( + 477 = 483.284 \text{ m}^2)$$

## Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2nd Km.					
1 nlo $\times$ 3.80 $\times$ 2.05 =					7.79 m <sup>2</sup>
1 nlo $\times$ 4.85 $\times$ 2.05 =					9.94 m <sup>2</sup>
5 nlo $\times$ 2.75 $\times$ 2.10 =					28.875 m <sup>2</sup>
4 nlo $\times$ 2.75 $\times$ 2.10 =					23.10 m <sup>2</sup>
2 nlo $\times$ 2.75 $\times$ 1.95 =					10.72 m <sup>2</sup>
1 nlo $\times$ 4.05 $\times$ 1.95 =					7.89 m <sup>2</sup>
1 nlo $\times$ 5.25 $\times$ 1.95 =					10.23 m <sup>2</sup>
2 nlo $\times$ 2.85 $\times$ 1.95 =					11.11 m <sup>2</sup>
5 nlo $\times$ 4.05 $\times$ 1.90 =					38.47 m <sup>2</sup>
5 nlo $\times$ 3.95 $\times$ 1.95 =					38.512 m <sup>2</sup>
1 nlo $\times$ 3.80 $\times$ 1.95 =					7.44 m <sup>2</sup>
3 nlo $\times$ 4.85 $\times$ 1.95 =					28.37 m <sup>2</sup>
3 nlo $\times$ 2.75 $\times$ 1.95 =					16.08 m <sup>2</sup>
5 nlo $\times$ 2.75 $\times$ 2.0 =					27.5 m <sup>2</sup>
2 nlo $\times$ 2.85 $\times$ 1.80 =					10.26 m <sup>2</sup>
T-10 + Cptg =					846.66 m <sup>2</sup>
(2) Tack coat:- Poor & cepplying.					
Tack coat :-					
Cptg = Same as same.					
Cptg double item no. 0					
P-nlo-9 = 846.66 m <sup>2</sup>					
(3) Mix seal surface -					
poor & laying, rolling of,					
MSS + - 20 marks + - -					

Cptg = Same as same items.

$$\text{No. } 1 \text{ width } 10 \text{ m P-9} = 846.66 \text{ m}^2$$

Ranjana  
30.12.22  
J.C.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Date of measurement.</u>					
① S.D.B.C :- Providing					
Semi dense bituminous					
Concrete - - - - - 28 mm thick					
- - - - - Do - - - 171 cm²					
3 Mox 30.0 x 3.75 x 0.025 =					
1 Mox 10.0 x 3.75 x 0.025 =					
6 Mox 30.0 x 3.75 x 0.025 =					
1 Mox 16.0 x 3.75 x 0.025 =					
7 Mox 30.0 x 3.75 x 0.025 =					
1 Mox 14.0 x 3.75 x 0.025 =					
10 Mox 30.0 x 3.75 x 0.025 =					
Tr Junction - / - - - - - Ronsi					

1 Mox 16.0 x					
<u>Date of measurement.</u>					
31-12-23					
② Tack coat :- Providing &					
applying tack coat with					
Emulsion (RS-1) - - - - - Do - Do A11					
Full one layer :-					
3 Mox 30.0 x 3.75 = 337.5 m²					
1 Mox 10.0 x 3.75 = 37.5 m²					
6 Mox 30.0 x 3.75 = 675.0 m²					
1 Mox 16.0 x 3.75 = 60.0 m²					
7 Mox 30.0 x 3.75 = 787.5 m²					
1 Mox 14.0 x 3.75 = 52.5 m²					
10 Mox 30.0 x 3.75 = 1125.0 m²					

Continuation

$$\text{Tr Junction} - \frac{(3.75 + 4.20)}{2} = 63.60 \text{ m}^2$$

$$(0.477 = 3138.60 \text{ m}^2)$$

Sch. XLV—Form No. 134

11

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$B.F = 494 \times 3138.60 m^2$
	11	14.0	30.0	3.75	$= 1237.50 m^2$
T-Junction					
	11	10.0	14.0	(5.6 + 3.75)	$= 65.45 m^2$
					2
	6	10.0	30.0	3.75	$= 675.0 m^2$
	1	10.0	30.0	3.75	$= 112.50 m^2$
T-Junction					
	11	10.0	10.0	(5.60 + 3.75)	$= 46.75 m^2$
					2
					$= 5275.80 m^2$
	11	10.0	10.0		$= 5250.0 m^2$

Ramji

31.12.23

7.6

Date of measurement

01-01-2024

(1) S.D.B.C :- Road laying

(10) Semi dense bituminous

concrete --- 25mth. All

Full layer:-

$$310 \times 30.0 \times 3.75 \times 0.025 = 8.437 m^3$$

$$110 \times 10.0 \times 3.75 \times 0.025 = 0.937 m^3$$

$$610 \times 30.0 \times 3.75 \times 0.025 = 16.875 m^3$$

$$110 \times 16.0 \times 3.75 \times 0.025 = 1.50 m^3$$

$$710 \times 30.0 \times 3.75 \times 0.025 = 19.68 m^3$$

Continuation

$$= 47.429 m^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$B.F = C.P + Y = 47.429 \text{ m}^2$
					$1.40 \times 14.0 \times 3.25 \times 0.025 = 1.312 \text{ m}^3$
					$1.00 \times 30.0 \times 3.75 \times 0.025 = 28.125 \text{ m}^3$
T-Junction					
					$1.40 \times 16.0 \times (3.25 + 3.20) \times 0.025 = 20.025 \text{ m}^3$
					$1.10 \times 30.0 \times 3.75 \times 0.025 = 2.19 \text{ m}^3$
T-Junction					$1.10 \times 30.0 \times 3.75 \times 0.025 = 30.937 \text{ m}^3$
T-Junction					
					$1.40 \times 14.0 \times (5.6 + 3.75) \times 0.025 = 1.636 \text{ m}^3$
					$6.00 \times 30.0 \times 3.75 \times 0.025 = 16.875 \text{ m}^3$
					$1.40 \times 30.0 \times 3.75 \times 0.025 = 2.812 \text{ m}^3$
T-Junction					
					$1.40 \times 10.0 \times (5.60 + 3.25) \times 0.025 = 1.168 \text{ m}^3$
					$\text{G.T. Total Area} = 132.56 \text{ m}^3$

Ramp

01.01.24

$$\times 0.025 = 1.168 \text{ m}^3$$

$$G.T. - Total Area = 132.56 \text{ m}^3$$

Date of measurement

02.01.24

(A)

Cement Concrete Pavement

i.e. const. of un-Reinforced

Plane Cement Concrete

— — — — —

$$1.40 \times 12.0 \times (5.10 + 3.75) \times 0.160$$

$$\text{Continuation 2} = 8.496 \text{ m}^3$$

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
				$BF = CPY = 8.496 \text{ m}^3$
6 N.O	$\times 30.0 \times 8.75 \times 0.160 = 108.0 \text{ m}^3$			
1 N.O	$\times 16.0 \times 9.75 \times 0.160 = 9.6 \text{ m}^3$			
5 N.O	$\times 30.0 \times 8.75 \times 0.160 = 90.0 \text{ m}^3$			
1 N.O	$\times 12.0 \times (9.75 + 4.10) \times 0.160 =$			
	$2 = 7.536 \text{ m}^3$			
1 N.O	$\times 30.0 \times (9.75 + 3.90) \times 0.160 =$			
	$2 = 18.36 \text{ m}^3$			
	<u>Total quantity = 241.992 m<sup>3</sup></u>			

Rains

02.01.2019

J.F.I.

Date of measurement

(1) Kon stone

CPY = 3.0 N.O.

(2) 200 mm stone

CPY = 7.0 N.O. = 3.0 N.O.

(3) 100 x 50.0 x 0.10 ft. broad

(4) Providing &amp; laying.

Road marking, flat

application of thermoplastic

In BT Portion

2 x 3 N.O x 30.0 x 0.100 = 18.0 m<sup>2</sup>2 x 14.0 x 10.0 x 0.100 = 2.0 m<sup>2</sup>2 x 6 N.O x 30.0 x 0.100 = 36.0 m<sup>2</sup>2 x 10.0 x 16.0 x 0.100 = 3.2 m<sup>2</sup>2 x 7 N.O x 30.0 x 0.100 = 42.0 m<sup>2</sup>BF quantity = 101.20 m<sup>2</sup>

Particulars	Details of actual measurement				Contents of area
	No.	L	B.D.	D.	
$2 \times 1.0 \text{ m} \times 14.0 \times 0.100 = 2.8 \text{ m}^2$					
$2 \times 1.0 \text{ m} \times 30.0 \times 0.100 = 6.0 \text{ m}^2$					
$2 \times 1.0 \text{ m} \times 16.0 \times 0.100 = 3.2 \text{ m}^2$					
$2 \times 1.1 \text{ m} \times 30.0 \times 0.100 = 6.6 \text{ m}^2$					
$2 \times 1.0 \text{ m} \times 14.0 \times 0.100 = 2.8 \text{ m}^2$					
$2 \times 1.0 \text{ m} \times 30.0 \times 0.100 = 3.6 \text{ m}^2$					
$2 \times 1.0 \text{ m} \times 30.0 \times 0.100 = 6.0 \text{ m}^2$					
$2 \times 1.0 \text{ m} \times 16.0 \times 0.100 = 3.2 \text{ m}^2$					
<u>Inst. eft. Total = 280.0 m<sup>2</sup></u>					

(4) Providing and laying  
 (5) of hot asphalt -  
 (6) Position.

$$\begin{aligned} & 2 \times 1.0 \text{ m} \times 30.0 \times 0.100 = 6.0 \text{ m}^2 \\ & 2 \times 3.0 \text{ m} \times 30.0 \times 0.100 = 18.0 \text{ m}^2 \\ & 2 \times 1.0 \text{ m} \times 10.0 \times 0.100 = 2.0 \text{ m}^2 \\ & \text{Total eft. } = 30.0 \text{ m}^2 \end{aligned}$$

(5) Const. of subgrade. 8.  
 (2) Earthen Shoulder. -  
 Both sides.

$$\begin{aligned} & \text{Earth embankment, } \\ & 2 \times 1.0 \text{ m} \times 12.0 \times 1.10 \times 0.300 = 7.92 \text{ m}^3 \\ & 2 \times 6.0 \text{ m} \times 30.0 \times 1.10 \times 0.300 = 129.6 \text{ m}^3 \\ & 2 \times 1.0 \text{ m} \times 16.0 \times 1.10 \times 0.300 = 10.56 \text{ m}^3 \\ & 2 \times 5.0 \text{ m} \times 30.0 \times 1.10 \times 0.300 = 108.0 \text{ m}^3 \\ & 2 \times 1.0 \text{ m} \times 12.0 \times 1.10 \times 0.250 = 6.6 \text{ m}^3 \\ & 2 \times 30.0 \times 1.0 \times 0.200 = 12.0 \text{ m}^3 \end{aligned}$$

Continuation

$$\text{Total eft. } = 274.68 \text{ m}^3$$

## Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$BF = q \times y = 274.68 \text{ m}^3$
In BT side					
					$2 \times 3 \text{ M} \times 30.0 \times 0.100 = 18.0 \text{ m}^3$
					$2 \times 1 \text{ M} \times 10.0 \times 0.100 = 2.0 \text{ m}^3$
					$2 \times 6 \text{ M} \times 30.0 \times 0.100 = 36.0 \text{ m}^3$
					$2 \times 1 \text{ M} \times 16.0 \times 0.100 = 32.0 \text{ m}^3$
					$2 \times 7 \text{ M} \times 30.0 \times 0.100 = 42.0 \text{ m}^3$
					$2 \times 14 \text{ M} \times 0.100 = 28.0 \text{ m}^3$
					$2 \times 10 \text{ M} \times 30.0 \times 0.100 = 60.0 \text{ m}^3$
					$2 \times 1 \text{ M} \times 0.100 = 2.0 \text{ m}^3$
					$2 \times 6 \text{ M} \times 30.0 \times 0.100 = 36.0 \text{ m}^3$
					$2 \times 1 \text{ M} \times 30.0 \times 0.100 = 6.0 \text{ m}^3$
					$2 \times 1 \text{ M} \times 1.0 \times 0.100 = 2.0 \text{ m}^3$
					$BF = q \times y = 274.68 \text{ m}^3$
In BT,					$2 \times 3 \text{ M} \times 30.0 \times 1.10 \times 0.300 = 59.40 \text{ m}^3$
					$2 \times 1 \text{ M} \times 10.0 \times 1.20 \times 0.250 = 6.0 \text{ m}^3$
					$2 \times 6 \text{ M} \times 30.0 \times 1.10 \times 0.300 = 279.20 \text{ m}^3$
					$2 \times 1 \text{ M} \times 16.0 \times 1.10 \times 0.300 = 9.6 \text{ m}^3$
					$2 \times 7 \text{ M} \times 30.0 \times 1.10 \times 0.300 = 138.60 \text{ m}^3$
					$2 \times 14.0 \times 1.10 \times 0.250 = 7.70 \text{ m}^3$
					$2 \times 10 \text{ M} \times 30.0 \times 1.20 \times 0.300 = 216.0 \text{ m}^3$
					$2 \times 14.0 \times 1.15 \times 0.250 = 8.05 \text{ m}^3$
					$2 \times 6 \text{ M} \times 30.0 \times 1.20 \times 0.300 = 129.6 \text{ m}^3$
					$2 \times 1 \text{ M} \times 30.0 \times 1.10 \times 0.200 = 12.0 \text{ m}^3$
					$2 \times 1 \text{ M} \times 10.0 \times 10 \times 0.300 = 6.0 \text{ m}^3$
					Total $q + y = 1146.83 \text{ m}^3$

Ramsn Continuation

02.01.24

JF

F 12-03-24  
46

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Date of measurement</u> 02-6-24					
(1) Providing & fixing of retro-reflectorize sign.					
600 mm equilateral -					
CPdy = 2.0 also					
(2) 600 mm circular -					
CPdy = 2.0 also					
(3) 600mm x 450 mm mettaling					
CPdy = 3.0 also					
(4) Planting of tree					
CPdy = 20.0 also					
(5) Tree tunnel.					
CPdy = 20.0 also					
(6) Providing & fixing logo board & brackets					
CPdy = 4.0 also					
(7) Brick masonry in cm's in parapet walls + etc					
$2 \times 6.0 \times 0.400 \times 0.600 = 2.88 \text{ m}^3$					
(8) Plastering with cement.					
Mortar (1:4)					
Side face - $4.0 \times 6.0 \times 0.60 = 14.4 \text{ m}^2$					
Top - $2.0 \times 6.0 \times 0.40 = 4.8 \text{ m}^2$					
Front face - Continuation $4.0 \times 0.40 \times 0.60 = 0.96 \text{ m}^2$					
Total = $20.16 \text{ m}^2$					

### ***Continuation***

P.T.O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST:</u>					
(1) Clearing & Rubbling Road					
Length = 2000 A.R.					
Q.dry width T.M.B P-1 = 0.36 Hect.					
@ Rs = 59.726 · 130/Hect. 2150/-					
(2) Const. of Subgrade.					
E. shoulder - - -					
Q.dry width T.M.B P-15					
= 1146.83 m <sup>3</sup>					
@ Rs = 261.68/m <sup>3</sup> = M = 300102/-					
(3) Const. of G.S.B. grade					
Length = 2000 A.R.					
Q.dry width T.M.B P-3 = 40.70 m <sup>3</sup>					
@ Rs = 2661.41/m <sup>3</sup> = M = 105,877/-					
(4) Providing laying & spreading					
1018 m <sup>3</sup> @ Rs = 111/-					
Q.dry width T.M.B P-5 = 48.83 m <sup>3</sup>					
@ Rs = 60.68 · 59.1 m <sup>3</sup> = M = 2,963.29/-					
(5) Providing, laying, spreading					
1018 m <sup>3</sup> @ Rs = 111/-					
Q.dry width grn P-7 = 63.50 m <sup>3</sup>					
@ Rs = 4609.15/m <sup>3</sup> = M = 2,92,681/-					
(6) Providing & applying Prime					
Coat = 2000 A.R.					
Q.dry width T.M.B P-9 = 846.66 m <sup>2</sup>					
@ Rs = 60,420/ha = M = 51,55/-					
<u><u>10 · M = 10,67,645/-</u></u>					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.P. ns = 10,67,645 = 00			
(7) Tack coat - Providing 8.					
(7) Applying					
Qty wide TMB P-9 = 8446.66m <sup>2</sup>					
@ 14 = 20.48/m <sup>2</sup> = M = 17297 = 00					
(8) mss - Provv. 8.					
Rolling mss					
Qty wide TMB P-9 = 8446.66m <sup>2</sup>					
@ 14 = 27611/m <sup>2</sup> = M = 23377 = 00					
(9) Providing 8 applying					
Tack coat on mss.					
Poly mastic TMB P-11 = 5250.043					
@ 14 = 17.31/m <sup>2</sup> = M = 90878 = 00					
(10) S.D.B. 8 - Prov. 8					
Lumping, semi dense, bitumen.					
Conc. = Do = M = 00					
Qty wide TMB P-12 = 132.560m <sup>3</sup>					
@ 14 = 14021.23/m <sup>3</sup> = M = 18,58,654 = 00					
(11) Const. of P.C.C mgo gms					
for pavemen					
Qty wide TMB P-13 = 241.992m <sup>3</sup>					
@ 14 = 8316.730/m <sup>3</sup> = M = 20,12,582 = 00					
(12) Km Stone					
Qty wide TMB P-13 = 210.416					
@ 14 = 2655.88/each = M = 7968 = 00					
(13) Voids					
@ 14 = 52,38,795 = 00					

## **Continuation**

Particulars	Details of actual measurement				Content area
	No.	C.L.	B.	D.	

$$@P = 18 \times 52,188,795 = 0$$

(18) ~~2000 m² area~~ ~~1000 m²~~

$$\text{Qd} \times \text{width} \times \text{P} = 132 \times 5.0 = 660 \text{ m}^2$$

$$@M = 752.70 / \text{each} = 14 = 5263 = 0$$

(14) ~~600 mm Equilateral triangle~~

$$\text{Qd} \times \text{width} \times \text{P} = 11 \times 5.0 = 55 = 0$$

$$= 2.0 \times 10 = 20 \text{ m}^2$$

$$@M = 42630 / \text{each} = 14 = 8526 = 0$$

(15) ~~600 mm circle~~ ~~3.14~~ ~~1884.96~~

$$\text{Qd} \times \text{width} \times \text{P} = 16 = 2.6 \text{ m}^2$$

$$@M = 4202.70 / \text{each} = 14 = 284.05 = 0$$

(16) ~~600 x 480 mm rectangle~~

$$\text{Qd} \times \text{width} \times \text{P} = 16 = 3.0 = 0$$

$$@M = 4058.97 / \text{each} = 14 = 291.38 = 0$$

(17) ~~Planting of tree~~

$$\text{Qd} \times \text{width} \times \text{P} = 16$$

$$= 70 \times 0.010 = 0.70 = 0$$

$$@M = 890.04 / \text{each} = 14 = 62.303 = 0$$

(18) ~~Tree tunnel~~

$$\text{Qd} \times \text{width} \times \text{P} = 16 = 70.0 = 0$$

$$@M = 2116.75 / \text{each} = 14 = 148.175 = 0$$

(19) ~~Road marking on B.T.~~

$$\text{Qd} \times \text{width} \times \text{P} = 14 = 280.0 = 0$$

$$@RS = 626.11 / \text{m}^2 = 14 = 175310 = 0$$

(20) ~~Road marking on C.C.~~

$$\text{Qd} \times \text{width} \times \text{P} = 14 = 80.0 = 0$$

$$@RS = 734.01 / \text{m}^2 = 14 = 58,721 = 0$$

$$\text{Continuation}$$

$$@M = 57,67,680 = 0$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$B \times L = 57,69,680 = 00$
(21) <u>Bricklaying and Fixing</u>					
(22) <u>C.P.T.Y. wide T.M.O P-16 = 4.0</u>					
(23) <u>@ M = 12.415.0/m² = 19,660 = 00</u>					
(24) <u>Brick masonry work.</u>					
(25) <u>C.P.T.Y. wide T.M.O P-16 = 2.2.88m³</u>					
(26) <u>@ M = 6549.09/m³ = P.S = 18861000</u>					
(27) <u>Plastering with C.M.</u>					
(28) <u>C.P.T.Y. wide T.M.O P-16 = 20.160m²</u>					
(29) <u>@ M = 185.0 /m² = P.S = 3790 = 00</u>					
(30) <u>Painting two coats</u>					
(31) <u>C.P.T.Y. wide T.M.O P-16 = 20.160m²</u>					
(32) <u>@ M = 113.77/m² = P.S = 2294 = 00</u>					
(33) <u>Total P.S = 58,42,285 = 00</u>					
(34) <u>Add 124.6.55(4) = 7,01,074 = 00</u>					
(35) <u>Add 11. L.C (4) = 58,423 = 00</u>					
(36) <u>Add S.F (4) = 20,620 = 00</u>					
(37) <u>Total M = 66,22,4102 = 00</u>					
(38) <u>Less 20% below (4) = 13,24,480 = 00</u>					
					<u>Net M = 52,97,922 = 00</u>

Rambur Continuation

02-01-24

J-E.

C.P.T.Y. 12-03-24

C.P.T.Y. 18(03)19



# I.S.P on I.R.C Bill

23

~~- 52,97,922 = 00~~

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
81. S.D -	264896 = 00				
1x. G.Tax -	52980 = 00				
1x. GST -	52980 = 00				
1x. S.GST -	52980 = 00				639260 = 00
1x. L.Cess -	52980 = 00				
Rate -	141824 = 00				
S.Fee -	20620 = 00				
G.Total -	4658662 = 00				
	<u>5297922 = 00</u>				

Paided For R.R - 52,97,922 = 00 (Eighty  
Four Lac Ninety Seven Rupees)

Name written (in any two)  
only

~~(Signature)~~

Executive Engineer  
R.W.D Works Division  
Kishanganj-1

~~(Signature)~~  
18/3/24

~~(Signature)~~  
18/3/24

Continuation