

1st and final bill

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.	
Name of work -					
Road to be laid in Utrav.					
Name of contractor -					
Shree Kant Kumar					
Agreement No -					
61MB/2054M (NMA-13)					
2024-25					
Date of commencement					
29/8/24					
Date of completion					
29/8/25					
Rate Below =					
0.14 %					
Actual Date of completion					
17/12/22					

(1) Clearing and Grubbing

Road Land

$$2 \times 166 \times 30.0 \times 0.75 = 7470 \text{ m}^2$$

$$2 \times 81 \times 20.0 \times 0.75 = 3060 \text{ m}^2$$

$$7500 \text{ m}^2$$

$$1.2 \times 1.2 \times 0.1 = 0.175 \text{ m}^2$$

(2) Construction of 80cm wall

Sub-base by provider wall

graded material.

pot measurement

$$3 \times 7.59 \times 0.69 = 15.91$$

$$3 \times 7.84 \times 1.15 = 26.98$$

$$2 \times 7.36 \times 1.29 = 18.96$$

$$5 \times 8.74 \times 0.46 = 20.10$$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1X	7.34	X 0.63	=	57.08
	7X	9.89	X 1.04	=	41.85
	2X	8.28	X 1.15	=	19.04
	2X	5.23	X 0.99	=	9.73
	3X	9.47	X 1.08	=	30.53
	2X	5.98	X 1.40	=	16.78
1-2 km	4X	4.80	X 0.37	=	7.08
	6X	3.81	X 0.62	=	14.07
	3X	4.55	X 0.69	=	9.40
	1X	2.46	X 0.25	=	0.61
	7X	5.20	X 0.37	=	13.43
	3X	7.80	X 0.57	=	13.25
	5X	7.00	X 0.62	=	21.93
	6X	3.02	X 0.49	=	9.80
	9X	4.67	X 0.58	=	24.32
	4X	4.71	X 0.75	=	12.92
2-3 km	3X	7.26	X 0.50	=	10.78
	4X	7.92	X 0.83	=	26.14
	1X	7.43	X 0.92	=	6.86
	3X	11.23	X 0.33	=	11.27
	4X	5.81	X 0.50	=	11.11
	5X	3.17	X 0.76	=	11.90
	6X	4.46	X 0.83	=	22.05
	4X	4.62	X 0.66	=	12.20
	5X	11.22	X 0.72	=	43.51
	3X	10.23	X 1.01	=	30.89

Continuation

Particulars	Details of measurement				Contents of area
	No.	L.	B.	D.	
3-464	2	3.40	0.48		
	6	2.52	0.60		
	4	1.68	0.67		
	5	4.92	0.24		
	2	2.04	0.31		
	4	1.92	0.55		
	5	4.20	0.60		
	4	4.44	0.48		
	1	8.07	0.56		
	2	6.84	0.73		
4-514	5	7.10	1.49		
	4	4.46	1.49		
	4	3.20	1.32		
	5	5.78	0.83		
	6	6.60	1.32		
	4	1.32	0.99		
	3	3.62	1.65		
	3	14.00	1.82		
	5	6.11	1.49		
	6	6.60	1.49		
	1	18.07	0.93		
					168.11m ²
(3) Plu laying, spreading and					
Graveling, stone work 4-514					
put measurement					
0 km-1010m					
	3	15.40	1.40		
	3	16.40	2.40		

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2X	15.50	2.70		83.70
	5X	18.40	1.00		92.00
	1X	15.50	1.40		21.70
	4X	20.80	2.20		183.04
	2X	17.40	2.40		83.52
	2X	11.70	1.90		42.12
	3X	19.80	2.30		126.62
	2X	12.40	2.90		73.08
<u>1-2km</u>	4X	8.60	0.70		24.08
	6X	6.90	1.10		45.54
	3X	8.20	1.20		29.52
	1X	4.40	0.40		1.76

	7X	9.40	0.70		45.06
	3X	14.00	1.00		42.00
	5X	12.60	1.10		63.30
	6X	6.00	0.50		32.40
	9X	8.40	1.00		75.60
	4X	7.70	1.40		43.12
<u>2-3km</u>	3X	9.80	0.70		20.58
	4X	10.70	1.10		47.08
	1X	10.00	1.20		12.00
<u>3-4km</u>	3X	15.40	0.40		18.48
	4X	11.60	0.70		21.28
	5X	4.20	1.00		21.00
	6X	6.00	1.10		33.60
	4X	6.20	0.90		22.32

Continuation

[illegible]

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) p/v. Laying, spreading and compacting stone work with put measurement					
<u>0.6m - 1.0 km</u>					
3x 13.86 x 1.26 = 52.29					
3x 14.28 x 2.10 = 89.56					
2x 13.44 x 2.35 = 63.02					
5x 15.94 x 0.84 = 67.00					
1x 19.32 x 1.26 = 24.34					
6x 12.04 x 1.93 = 140.62					
2x 15.14 x 2.10 = 63.50					
2x 9.66 x 1.68 = 32.46					

3x 13.44 x 1.97 = 79.99					
2x 10.91 x 2.54 = 55.85					
<u>1-2 km</u>					
4x 12.87 x 0.99 = 50.97					
6x 10.22 x 1.65 = 101.28					
3x 12.21 x 1.85 = 67.69					
1x 6.60 x 0.66 = 4.36					
7x 5.20 x 0.99 = 36.04					
4x 7.80 x 1.52 = 47.36					
2x 7.40 x 1.65 = 23.10					
6x 8.91 x 1.32 = 70.57					
3x 12.54 x 1.95 = 58.25					
2x 11.55 x 2.01 = 46.50					

Continuation

Sch. XLV-Form No. 13A

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>2-2km</u>					
	3	10.10	0.65		20.95
	4	11.04	1.15		50.72
	1	10.35	1.29		13.23
	3	15.87	0.44		21.90
	4	7.82	0.69		21.58
	5	4.37	1.06		22.12
	6	6.24	1.15		42.85
	4	6.44	0.92		23.70
	5	15.64	1.08		84.53
	3	14.26	1.40		60.02
<u>3-4km</u>					
	2	5.80	0.92		10.76
	6	4.82	1.14		33.81
	4	7.25	1.30		16.88
	5	9.57	0.46		22.07
	2	3.94	0.70		5.49
	4	2.71	1.07		15.85
	5	8.12	1.16		47.10
	4	8.58	0.93		31.86
	1	15.54	1.09		16.95
	2	12.22	1.42		37.13
<u>4-5km</u>	5	12.98	2.23		204.38
	4	8.28	2.50		108.67
	4	7.48	2.60		77.74
	5	11.26	1.61		92.42

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6 x 13.0 x 2.60 = 202.80					
4 x 2.60 x 1.95 = 20.28					
3 x 7.15 x 3.25 = 69.71					
3 x 27.63 x 3.58 = 296.48					
5 x 12.03 x 2.93 = 175.87					
6 x 13.0 x 2.93 = 228.15					
					2206.6 m ² x 0.075
H.P.C. 1000 mm					= 266.498 m ³
(5) E.W. in excavation for foundation					
H.W. 2 x 6.45 x 1.40 x 1.50 = 27.09 m ³					
Below pipe 1 x 4.35 x 1.53 x 0.365 = 2.708 m ³					
					29.80 m ³

(6) p.v. m.c. (P.C. 1:2.5:5)					
as levelling course in foundation					
H.W. 2 x 6.45 x 1.40 x 0.150 = 2.709 m ³					
Below pipe 1 x 4.93 (x) 1.53 x 0.250 = 1.886 m ³					
					4.60 m ³
(7) plain cement concrete in					
S/S Centre					
H.W. 2 x 6.150 x 0.825 x 3.180 = 32.269 m ³					
perforated 2 x 6.150 x 0.40 x					
less for pipe 2 x 0.787 x 1.230 x 0.22 m ³					
					30.90 m ³
(8) p.v. and laying R.C.C. NP3					
pipe					
3 x 2.50					= 7.50 m

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) painting in parapet					
wood					
Top $2 \times 6.15 \times 0.400 = 4.92 \text{ m}^2$					
Side $4 \times 6.15 \times 0.600 = 14.76 \text{ m}^2$					
front $4 \times 0.400 \times 0.600 = 0.96 \text{ m}^2$					
					20.64 m^2
Sub total					
(10) Brick masonry in cm (1:1)					
in parapet					
$2 \times 13.00 \times 0.40 \times 0.60 = 6.24 \text{ m}^3$					
(11) plastering with cement mortar					
(1:4)					
Side $4 \times 13 \times 0.60 = 31.20 \text{ m}^2$					
Top $2 \times 13.00 \times 0.40 = 10.40 \text{ m}^2$					
front $2 \times 13 \times 0.40 \times 0.60 = 0.96 \text{ m}^2$					
					42.56 m^2
(12) Brick masonry in cm (1:3)					
in parapet					
$2 \times 13.00 \times 0.40 \times 0.60 = 1.44 \text{ m}^3$					
$2 \times 5.00 \times 0.40 \times 0.60 = 2.40 \text{ m}^3$					
$2 \times 3.50 \times 0.40 \times 0.60 = 1.68 \text{ m}^3$					
$2 \times 4.20 \times 0.40 \times 0.60 = 2.016 \text{ m}^3$					
$2 \times 5.00 \times 0.40 \times 0.60 = 2.40 \text{ m}^3$					
					9.936 m^3
(13) plaster with cement					
mortar in cm (1:4)					

Continuation

Particulars	Details of actual measurement				Contents of area
No.	L.	B.	D.		
Side face	4	3.40	0.60		7.20 m^2
	4	5.40	0.60		12.96 m^2
	4	3.50	0.60		8.40 m^2
	4	4.20	0.60		10.08 m^2
	4	5.00	0.60		12.00 m^2
Top	2	3.40	0.40		2.40 m^2
	2	5.40	0.40		4.32 m^2
	2	3.50	0.40		2.80 m^2
	2	4.20	0.40		3.36 m^2
	2	5.00	0.40		4.00 m^2
front face	5	4	0.40		7.20 m^2
					71.04 m^2

(4) Painting two coat on new surface.					
Side	4	3.40	0.60		7.20 m^2
	4	5.40	0.60		12.96 m^2
	4	3.50	0.60		8.40 m^2
	4	4.20	0.60		10.08 m^2
	4	5.00	0.60		12.00 m^2
	4	13.00	0.60		31.20 m^2
Top	2	3.40	0.40		2.40 m^2
	2	5.40	0.40		4.32 m^2
	2	3.50	0.40		2.80 m^2
	2	4.20	0.40		3.36 m^2
	2	5.00	0.40		4.00 m^2
	2	13.00	0.40		10.40 m^2

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Front face	6	4	0.4	0.60	5.76 m ²
					113.60 m ²
(15) const ⁿ of Dry lean concrete					
Sub base over a prepared					
	22	5.00	1.20	0.10	13.20 m ³
	12	4.00	1.00	0.10	4.80 m ³
	15	10.00	0.90	0.10	13.50 m ³
	20	8.00	1.50	0.10	24.00 m ³
	16	12.00	0.800	0.10	15.36 m ³
	7	20.00	1.20	0.10	16.80 m ³
	14	5.00	1.40	0.10	9.80 m ³
				✓	97.46 m ³
(16) const ⁿ of Panel Concrete					
Plain concrete concrete pourings					
Ridge, slope, & trapez.					
	17.35	$\frac{6+4.0}{2}$		0.125	4.594 m ³
	24.40	$\frac{4.0+3.96}{2}$		0.125	12.14 m ³
	30.00	$\frac{4.0+4.20}{2}$		0.125	15.38 m ³
	30.00	$\frac{4.15+4.0}{2}$		0.125	15.28 m ³
	30.00	$\frac{4.0+3.20}{2}$		0.125	13.69 m ³
	30.00	3.000		0.125	14.63 m ³
	30.00	$\frac{4.0+3.75}{2}$		0.125	14.91 m ³
	30.00	$\frac{4.0+3.95}{2}$		0.125	14.91 m ³
	2x30.00	3.00		0.125	29.25 m ³
	23.75	$\frac{3.95+4.55}{2}$		0.125	12.62 m ³
	30.00	$\frac{3.85+3.25}{2}$		0.125	14.25 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$8 \times 30 \times 3.75 \times 0.125 =$					112.50 m^3
$30.00 \times \frac{3.75 + 3.85}{2} \times 0.125 =$					14.25 m^3
$30.00 \times \frac{3.75 + 3.85}{2} \times 0.125 =$					14.25 m^3
$30.00 \times \frac{3.85 + 3.80}{2} \times 0.125 =$					14.34 m^3
$30.00 \times 3.85 \times 0.125 =$					14.44 m^3
$8.25 \times \frac{3.85 + 4.50}{2} \times 0.125 =$					3.10 m^3
$30.00 \times 3.85 \times 0.125 =$					14.44 m^3
$30.00 \times \frac{3.75 + 3.80}{2} \times 0.125 =$					113.25 m^3
$30.00 \times 3.80 \times 0.125 =$					14.25 m^3
$30.00 \times 3.85 \times 0.125 =$					14.44 m^3
$30.00 \times 3.80 \times 0.125 =$					14.25 m^3
$26.00 \times \frac{4.75 + 3.75}{2} \times 0.125 =$					13.75 m^3
<u>total</u>					
$30.00 \times \frac{3.75 + 3.80}{2} \times 0.125 =$					14.66 m^3
$26.00 \times 3.90 \times 0.125 =$					12.66 m^3
$30.00 \times 4.83 \times 0.125 =$					18.11 m^3
$30.00 \times \frac{4.25 + 3.90}{2} \times 0.125 =$					15.28 m^3
$30.00 \times \frac{4.57 + 4.40}{2} \times 0.125 =$					16.26 m^3
$30.00 \times 3.86 \times 0.125 =$					14.85 m^3
$30.00 \times \frac{4.20 + 3.85}{2} \times 0.125 =$					15.09 m^3
$30.00 \times \frac{3.75 + 4.57}{2} \times 0.125 =$					15.60 m^3
$15.45 \times 4.57 \times 0.125 =$					8.83 m^3
$14 \times \frac{7 + 5.50}{2} \times 0.125 =$					10.94 m^3
$10 \times \frac{5.5 + 5.15}{2} \times 0.125 =$					6.66 m^3
$30.00 \times 3.85 \times 0.125 =$					14.44 m^3
$30.00 \times \frac{3.85 + 3.80}{2} \times 0.125 =$					14.34 m^3

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
30.00 X $\frac{4.15+4.25}{2}$ X 0.125 =					15.66 m ²
30.00 X $\frac{3.75+4.57}{2}$ X 0.125 =					15.98 m ²
30.00 X $\frac{3.85+4.0}{2}$ X 0.125 =					14.44 m ²
23.15 X $\frac{4.52+4.37}{2}$ X 0.125 =					12.94 m ²
30.00 X $\frac{3.95+3.65}{2}$ X 0.125 =					14.25 m ²
30.00 X $\frac{3.25+4.25}{2}$ X 0.125 =					14.25 m ²
30.00 X $\frac{4.10+4.0}{2}$ X 0.125 =					15.38 m ²
30.00 X $\frac{4.2+4.25}{2}$ X 0.125 =					15.84 m ²
30.00 X $\frac{4.45+4.25}{2}$ X 0.125 =					16.28 m ²
15.00 X $\frac{4.25+4.0}{2}$ X 0.125 =					7.97 m ²
30.00 X $\frac{3.45+3.5}{2}$ X 0.125 =					12.94 m ²
30.00 X $\frac{3.50+3.55}{2}$ X 0.125 =					13.22 m ²
30.00 X $\frac{4.25+4.0}{2}$ X 0.125 =					15.94 m ²
30.00 X $\frac{3.45+3.5}{2}$ X 0.125 =					12.94 m ²
20.00 X $\frac{3.50+3.55}{2}$ X 0.125 =					8.75 m ²
30.00 X $\frac{3.45+3.5}{2}$ X 0.125 =					13.07 m ²
30.00 X $\frac{3.65+3.75}{2}$ X 0.125 =					13.88 m ²
17.00 X $\frac{3.75+3.80}{2}$ X 0.125 =					10.15 m ²
30.00 X $\frac{3.60+3.54}{2}$ X 0.125 =					13.39 m ²
30.00 X $\frac{3.54+3.5}{2}$ X 0.125 =					13.28 m ²
5.19 X $\frac{3.50+3.55}{2}$ X 0.125 =					2.27 m ²
8.54 X $\frac{4.00+4.05}{2}$ X 0.125 =					4.27 m ²
30.00 X $\frac{3.40+3.45}{2}$ X 0.125 =					12.75 m ²
9.15 X $\frac{3.54+3.55}{2}$ X 0.125 =					4.05 m ²
11.30 X $\frac{4.24+4.25}{2}$ X 0.125 =					5.99 m ²
18.70 X $\frac{3.70+3.75}{2}$ X 0.125 =					8.64 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	24.40	$\frac{4.25 + 3.40}{2}$	$\times 0.125$		$= 11.66 \text{ m}^2$
	19.92	8.10×0.125			$= 7.56 \text{ m}^2$
	24.40	$\frac{3.20 + 3.50}{2}$	$\times 0.125$		$= 10.22 \text{ m}^2$
	6.40	3.25×0.125			$= 2.60 \text{ m}^2$
	17.00	4.05×0.125			$= 8.61 \text{ m}^2$
	30.00	3.25×0.125			$= 12.19 \text{ m}^2$
	12.20	6.00×0.125			$= 9.15 \text{ m}^2$
	11.00	$\frac{4 + 4.80}{2}$	$\times 0.125$		$= 6.05 \text{ m}^2$
	5.00	3.50×0.125			$= 2.19 \text{ m}^2$
	11.00	4.40×0.125			$= 6.05 \text{ m}^2$
	9.50	$\frac{4.75 + 3.00}{2}$	$\times 0.125$		$= 5.29 \text{ m}^2$
	19.50	$\frac{3.25 + 3.95}{2}$	$\times 0.125$		$= 8.79 \text{ m}^2$
	15.25	4.20×0.125			$= 8.40 \text{ m}^2$
	8.00	3.54×0.125			$= 3.54 \text{ m}^2$
	15.80	4.60×0.125			$= 9.14 \text{ m}^2$
	16.15	$\frac{4.0 + 5.25}{2}$	$\times 0.125$		$= 10.47 \text{ m}^2$
	12.20	5.20×0.125			$= 7.93 \text{ m}^2$
	13.10	5.20×0.125			$= 8.52 \text{ m}^2$
	12.00	4.50×0.125			$= 7.31 \text{ m}^2$
	8.50	8.25×0.125			$= 8.76 \text{ m}^2$
	15.90	3.75×0.125			$= 7.45 \text{ m}^2$
	20.40	$\frac{4.27 + 4.45}{2}$	$\times 0.125$		$= 11.11 \text{ m}^2$
	9.00	5.20×0.125			$= 5.85 \text{ m}^2$
	30.00	3.25×0.125			$= 12.19 \text{ m}^2$
	10.00	3.35×0.125			$= 4.18 \text{ m}^2$
	15.00	$\frac{4.25 + 4.45}{2}$	$\times 0.125$		$= 8.16 \text{ m}^2$
	22.00	$\frac{3.55 + 3.85}{2}$	$\times 0.125$		$= 10.64 \text{ m}^2$
	30.00	3.15×0.125			$= 11.81 \text{ m}^2$
Continuation					1231.00 m ²
Grand Total					1230.938 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) plv and applying primer coat with R. D. on (SS-1) page (8) item (4)					3206.64
3206.64 m ²				✓	3206.64 m ²
(18) plv and applying tile coat with 5 thickness (R-1)					
35 x 30.0 x 3.75 = 3937.50 m ²					
90 x 30.0 x 3.75 = 2250.00 m ²					
25 x 30.0 x 3.75 = 2812.50 m ²					
1 x 24.0 x 3.75 = 90.00 m ²					
				✓	9075.00 m ²
(19) plv and laying Semi dense bituminous					
Concrete					
10 x 30.0 x 3.75 x 0.025 = 28.125 m ³					
40 x 30.0 x 3.75 x 0.025 = 112.50 m ³					
30 x 30.0 x 3.75 x 0.025 = 84.375 m ³					
1 x 24.0 x 3.75 x 0.025 = 2.25 m ³					
				✓	227.25 m ³
(20) Supply and piling NP, 20 mm chit BP.					
15 x 3 x 2.5 = 112.50 m				✓	
(21) GRS of Subgrade and earthen shoulder					
RT pattern 2 x 30 x 30.0 x 1.0 x 0.30 = 36.00 m ³					
2 x 30.0 x 30.0 x 1.0 x 0.30 = 54.00 m ³					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2x30x30x1.00x0.30					= 540.00 m ³
2x24x1.00x0.30					= 144.00 m ³
PCC					
2x30x30.00x0.75x0.30					= 405.00 m ³
2x28x30.00x0.75x0.30					= 378.00 m ³
					2237.40 m ³
for 10m bed @ 80%				✓	= 1789.92 m ³
for 100m bed @ 20%					= 400.48
				✓	2447.48 m ³
(22) Road marking (not applied Thermoplastic compound)					

RT AT portion					
2x30x30.00x0.10					= 180.00 m ²
2x50x30.00x0.10					= 300.00 m ²
CC portion				✓	480.00 m ²
2x40x30.00x0.10					= 240.00 m ²
2x45x30.00x0.10					= 270.00 m ²
2x20x0.10					= 40.00 m ²
					514.00 m ²

(23) K.M Stone					
K.M Stone					
K.M Stone	1x5				= 5 Nos
200 m Stone	1x10				= 20 Nos

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24) Retro-reflectORIZED traffic Sign Placed erectly					
	2 x 1.20	x 0.80	= 1.92 m ²		
(25) PV and fixing greyed reflectorised sign board					
(i) 6 cmms equilateral triangle —	1x8 =	18 Nos			
(ii) 60 mm square 3x1 =	3 Nos				
(iii) 60 mm x 450 mm rectangle	1x4 =	4 Nos			
(iv) 90 mm side octagon	1x2 =	2 Nos			
(26) planting of trees and material for one year					
	24 No / 20	= 1.20 nos			
(27) PV and fixing Logo Zmeinter size project sign board					
	1x2 =	2 Nos			
(28) R.C.C. mis grade boundary pillar 1x52 =	52 Nos				
 Q #7/12/24 J.E					
Factual Rating #7/12/24 NB					

Continuation