

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 - Construction of the Road from					
Sahbagpur To Madanpur via Kozhikotta					
Under M.R.(3054) in Asthawan Block					
Agency - M/S Ashwani Singh					
Date of Commencement - 29.11.2022					
Date of Completion - 28.8.2023					
Agreement No - MBD-05/2022-2023					
Date of Actual Completion - 20.3.2023					

					Record Entry.
1.	Clear and Grubbing Road land with wild				
	do	do			
	2x	11x	30m x 1.0m		660.0m ²
	2x	1x	20m x 1.25m		50.0m ²
	2x	9x	30m x 1.0m		540.0m ²
	2x	1x	15m x 1.0m		30.0m ²
					1280m ²
					= 0.13 Hecter
12.	Providing and laying of RCC Hume pipe 300mm				
	doi (drain and) Irrigation purpose				
	do	do			
	2x	3x	2.50m		15.0m

Continuation

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
2/2 Scarifying Existing Bituminous Surface Road	do	do	do	do	
	11x	30m	3.75m		1237.50m ²
	1x	20m	3.75m		75.00m ²
	9x	30m	3.75m		1012.50m ²
	1x	15m	3.75m		56.25m ²
					2381.25m ²
					2381.25m ² of 25% = 595.31m ²

2/2

Construction of subgrade and Earthen Shoulder with obtained from Borrow pits with load-1000m

do	do	do	do	do	
2x	11x	30m	1.125m	0.60m	445.50m ³
2x	1x	20m	1.125m	0.60m	27.00m ³
2x	9x	30m	1.125m	0.60m	261.00m ³
2x	1x	15m	1.125m	0.60m	20.25m ³

857.25m³ of 85% = 728.66m³

SPD 17.02.2023 J.E. 17/2/23 AF

4/4 Granular sub-base with well graded material

do	do	do	do	do	
20x	0.900m	0.70m	0.13m		1.64m ³
32x	1.05m	0.60m	0.14m		2.82m ³
1x	24m	$\frac{3.15+2.95}{2}$	0.14m		10.25m ³
36x	1.25m	0.90m	0.13m		5.27m ³
7x	0.60m	0.50m	0.12m		0.28m ³
1x	15m	$\frac{2.65+2.43}{2}$	0.15m		5.72m ³
16x	1.35m	1.05m	0.14m		3.18m ³
4x	0.90m	0.60m	0.14m		0.30m ³
8x	0.80m	0.70m	0.14m		0.63m ³
16x	0.900m	0.60m	0.13m		1.12m ³

Continuation 31.21m³
SPD 19.2.2023 J.E. 19/2/23 AF

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5. Providing, laying and compacting stone aggregate w.B.M grade - 2.					
do					
21 x	0.95m	0.80m	0.075m	1.20m ³	
32 x	1.10m	0.75m	0.075m	1.98m ³	
1 x 27m x	$\frac{3.25 + 3.05}{2}$		0.075m	6.38m ³	
40 x	1.50m	1.0m	0.075m	4.50m ³	
1 x 9m x	$\frac{2.10 + 1.96}{2}$		0.075m	1.37m ³	
1 x 17m x	$\frac{2.25 + 2.08}{2}$		0.075m	2.76m ³	
16 x	1.40m	1.10m	0.075m	1.85m ³	
36 x	1.07m	0.85m	0.075m	2.46m ³	
24 x	1.02m	0.90m	0.075m	1.65m ³	
				1.48m ³	
				24.15m ³	
				23.75m ³	
6. Providing, laying and compacting stone aggregate w.B.M grade - 3.					
do					
21 x	0.95m	0.80m	0.075m	1.20m ³	
32 x	1.25m	1.0m	0.075m	3.0m ³	
1 x 28m x	$\frac{3.30 + 3.20}{2}$		0.075m	6.83m ³	
40 x	1.50m	1.0m	0.075m	4.50m ³	
1 x 15m x	$\frac{2.25 + 2.15}{2}$		0.075m	2.48m ³	
1 x 20m x	$\frac{2.30 + 2.10}{2}$		0.075m	3.30m ³	
16 x	1.50m	1.15m	0.075m	2.07m ³	
36 x	1.10m	0.90m	0.075m	2.67m ³	
25 x	1.36m	1.0m	0.075m	2.55m ³	
36 x	0.75m	0.65m	0.075m	1.32m ³	
4 x	0.92m	0.62m	0.075m	0.17m ³	
				30.09m ³	

Continuation

Sch. XLV Form No. 134 B.F. & C.M. - 20.09m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x 19m ³		1.73 + 1.77		0.075m	2.64m ³
7x		0.96m	0.84m	0.075m	0.42m ³
1x		24m	3.75m	0.075m	6.75m ³
					39.90m ³
		25.2/23	Limit		39.85m ³
24. Brick Masonry Work C.M (1:3) in parapet wall plaster					
do					
2x 6.0m x 0.40m x 0.60m					2.88m ³
25. PCC M20 coping on the wing wall and Return					
do					
2x 6m					12.0m ³
26. Plastering in cement mortar (1:4) in Brick work					
do					
side face	4x	6.0m	0.60m		14.40m ²
Top	2x	6.0m	0.40m		4.80m ²
front face	4x	0.40m	0.60m		0.96m ²
					20.16m ²
27. painting Two coat on New concrete surface					
do					
Same Area and Qty Item No. 26					20.16m ²
		25/2/23			
		5.0			
28. Brick Masonry Work C.M (1:3) in parapet and plaster					
do					
2x 4.40m x 0.40m x 0.60m					2.112m ³
2.112m ³ af 10%					0.211m ³
29. plaster with C.M (1:4) in Brick work structure					
do					
Abutment side	2x	2.00m	0.917m	1.300m	4.768m ²
Abutment Inner side	2x	7.50m	1.30m		19.500m ²
Return wall (front)	4x	0.675m	1.65m		4.455m ²
Return wall (side face)	4x	2.084m	1.30m		10.837m ²
Below					39.560m ²

Continuation

Sch. XLV-Form No. 134 B.F. Qty - 39.560m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Return wall (face Above)	4x	2.30m	x 0.350m		3.220m ²
Parapet wall (Side)	4x	4.40m	x 0.600m		10.560m ²
Parapet wall (Top)	2x	4.400m	x 0.400m		3.520m ²
Parapet wall End	4x	0.400m	x 0.600m		0.960m ²
					57.82m ²
30. painting two coat including Primer coat etc.					
	do		do		
Same Area and Qty Item No. (29/2) - 57.82m ²					
31. Providing and laying Neat cement punning 1.5mm					
	do		do		
Parapet wall (Side)	4x	4.400m	x 0.600m		10.56m ²
Parapet wall (Top)	2x	4.400m	x 0.400m		3.52m ²
Parapet wall (End)	4x	0.400m	x 0.600m		0.96m ²
					15.04m ²
32. Keophales in brick masonry, plain/Reinforce					
Concrete abutment, wing wall and Return wall.					
	do		do		
	2x	6	+ 4x4		28 Nos.
7. Providing and applying Primer coat with Bituminouse Emulsion (SS1).					
	do		do		
	21x	0.95m	x 0.80m		15.96m ²
	32x	1.25m	x 1.0m		40.0m ²
	28m ²	$\left\{ \frac{3.30 + 3.20}{2} \right\} m$			91.0m ²
	40x	1.50m	x 1.0m		60.0m ²

Continuation

206.96m²

Sch. XLV Form No. 134 B.F. City - 206.96m²

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
	15m x	$\frac{2.25 + 2.15}{2}$	2m		33.0m ²
	20m x	$\frac{2.30 + 2.10}{2}$	2m		44.0m ²
	16x	1.50m	1.15m		27.6m ²
	36x	1.10m	0.90m		35.64m ²
	25x	1.36m	1.0m		34.0m ²
	36x	0.75m	0.65m		17.55m ²
	4x	0.92m	0.62m		2.28m ²
	19m x	$\frac{1.73 + 1.97}{2}$	2m		35.15m ²
	7x	0.96m	0.84m		5.64m ²
	5x	30m	3.75m		562.50m ²
	1x	0.75m	3.75m		32.81m ²
Extra	4x	0.75m	0.75m		2.25m ²
					1039.38m

8. Providing and applying Tack coat with Bitumen Emulsion (RS1)

Same Area as per Item No. 7	1039.38m
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10. Providing laying and Rolling 155mm Thick Grade Premix Carpet Bitumen.

do	do
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Same Area as per Item No. 7

9. Providing and applying Tack Coat with Bitumen Emulsion (RS1) over bitumen surface.

do	do
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26m x	$\frac{6.0 + 4.65 + 3.75}{3}$	3m	124.8m ²
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13x	30m	3.75m	1462.50m ²
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18m x	$\frac{3.75 + 6.0 + 3.75}{3}$	3m	81.0m ²
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6x	30m	3.75m	675.0m ²
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21m x	$\frac{3.75 + 6.15}{2}$	3m	103.95m ²
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			2447.25
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Limit - 2386.0m²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11 Providing and laying (S.D.B.C.) with 125 p.p.H. batch					
do					
26m x $\frac{16+4.65+3.75}{3}$				x 0.025m	3.12m ³
13 x 30m x 3.75m				x 0.025m	36.56m ³
18m x $\frac{3.75+6.0+3.75}{3}$				x 0.025m	2.03m ³
6 x 30m x 3.75m				x 0.025m	16.88m ³
21m x $\frac{3.75+6.15}{2}$				x 0.025m	2.60m ³
					61.19m ³
					59.65m ³
13 RCC Mis grade Boundary pillar					
do					
No				40 Nos.	
14 RCC Mis grade kilometre stone					
do					
No				01 Nos.	
15 200mm Stone (Precast)					
do					
No				04 Nos.	
16 600mm Equilateral Triangle L.H.S.-R.H.S.					
do					
No				06 Nos.	
17 600mm Circular Speed limit board					
do					
No				02 Nos.	
18 800mm x 600mm Rectangular place board					
do					
No				02 Nos.	

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
19 15 (iv) 60mm x 45mm Rectangular place board.	do	do	do	do	
	No		02 Nos.		
20 16 Providing and erecting direction place	do	do	do	do	
	No		02 Nos.		
21 17 Road Marking with Hot Applied Thermo - plastic paint with compound 2.5mm thick	do	do	do	do	
	24	15x	30m x 0.10cm		90.0m ²
	2x	1x	5m x 0.10cm		1.0m ²
	2x	6x	30m x 0.10cm		36.0m ²
					127.0m ²
22 18 Planting of Tree and their one year maintenance	do	do	do	do	
	No		64 Nos.		
23 19 Providing and fixing MR (30 54) Informants board, Maintenance board and Citizen board with Logo.	do	do	do	do	
	No		03 Nos.		
			SPB 20.3.2023 J.E.		20/3/23 AE
Work has been completed as per specification.					
			SPB 20.3.2023 J.E.		

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cost:</u>					
1. Clear and grubbing Road land with wood:					
do do all Comp					
Qty vide TMB page No - 01.					
0.13 Hec @ Rs 58709.27/Hec					7632 = w
12. Providing and laying of RCC Home pipe 300mm dia for air to Irrigation purpose.					
do do all Comp					
Qty vide TMB page No - 01.					
15.0m @ Rs 899.07/m					13486 = w
12. Scarifying existing Bituman surface Road.					
do do all Comp					
Qty vide TMB page No - 2.					
595.31m ² @ Rs 18.51/m ²					11019 = w
3. Construction of sub-grade and earthen shoulder.					
do do all Comp					
Qty vide TMB page No - 2.					
728.66m ³ @ Rs 238.70/m ³					173931 = w
4. Granular sub-base with well graded material					
do do all Comp					
Qty vide TMB page No - 2.					
31.21m ³ @ Rs 1425.34/m ³					44485 = w
5. Providing laying and compacting Stone aggregate w.B.M grade - 2.					
do do all Comp					
Qty vide TMB page No - 3					
23.75m ³ @ Rs 2876.32/m ³					68313 = w

Continuation Rs-312866 = w

Sch. XLV-Form No. 134 B. FRs-318866=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6. providing laying and compacting stone aggregate w. BM grade — 3.					
do do all Comp					
Qty vide TMB page No — 4.					
39.85 m ³ @ Rs 2768.47/m ³					110324 = 00
24. 1. Brick masonry work CM (1:3) in parapet wall, Return					
do do all Comp					
Qty vide TMB page No — 4					
2. 88 m ³ @ Rs 6746.55/m ³					19430 = 00
25. 2. PCC Muro coping on the wing wall and Return wall					
do do all Comp					
Qty vide TMB page No — 4					
12. 0 m @ Rs 429.37/m					5152 = 00

26. 3. Plastering in cement Mortar (1:4) in Brick work					
do do all Comp					
Qty vide TMB page No — 4					
20. 16 m ² @ Rs 182.59/m ²					3681 = 00
27. 4. Painting Two coat on New concrete surface					
do do all Comp					
Qty vide TMB page No — 4.					
20. 16 m ² @ Rs 110.60/m ²					2230 = 00
28. 1. Brick masonry work CM (1:3) parapet wall					
do do all Comp					
Qty vide TMB page No — 4.					
0. 21 m ³ @ Rs 6746.55/m ³					1424 = 00
29. 2. Plaster with CM (1:4) in Brick work structure					
do do all Comp					

Qty vide TMB page No — 4-5
Continuation

57.82 m² @ Rs 182.59/m² = 10557 = 00
Rs — 471664 = 00

Sch. XLV-Form No. 134 B.F.Rs-471664=w

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
30. painting Two coat Including Primer coat					
do do all Comp					
Qty vide TMB Page No- 5					
57. 82m ² @ Rs 110.60/m ²					6394=w
31. providing and laying Net cement plumbing & Smm					
do do all Comp					
Qty vide TMB Page No- 5					
15. 04m ² @ Rs 55.76/m ²					239=w
32. Weephole on brick masonry Abutment, Return and					
do do all Comp					
Qty vide TMB Page No- 5					
28. 0 Nos @ Rs 136.77/No					3830=w

7. Providing and applying primer coat Bitumen Emulsion (SS1).					
do do all Comp					
Qty vide TMB Page No- 5-6					
1039.38m ² @ Rs 55.86/m ²					58060=w
8. Providing and laying Tack coat (1th Bitumen Emulsion (RS1).					
do do all Comp					
Qty vide TMB Page No- 6					
1039.38m ² @ Rs 19.03/m ²					19779=w
9. Providing and applying Tack coat with Bitumen Emulsion (RS1) over Bitumen surface					
do do all Comp					

Qty vide TMB Page No- 06.

Continuation

2386.01m² @ Rs 15.87/m² 37866=w
Rs- 598432=w

Sch. XLV-Form No. 134 B.F.Rs-598432=w

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10. Providing laying and Rolling M.S. 20mm thick with Carpet Bitumen.					
	do	do	all	Comp.	
Qty vide TMB Page No - 06.					
1039.38m ² @Rs 225.96/m ²					234858=w
11. Providing and laying (S.D.C.) with 120 Tph batch.					
	do	do	all	Comp.	
Qty vide TMB Page No - 07					
59.65m ³ @Rs 11010.35/m ³					656767=w
13. RCC 15 grade Boundary Pillars.					
	do	do	all	Comp.	
Qty vide TMB Page No - 07					
40.0 Nos @Rs 584.0/No					23360=w
14. (22) RCC 15 grade Kilometre Stone.					
	do	do	all	Comp.	
Qty vide TMB Page No - 7					
01 Nos @Rs 2466.89/No					2467=w
15. (14(22)) 200mm Stone (Precast).					
	do	do	all	Comp.	
Qty vide TMB Page No - 7					
04 Nos @Rs 711.50/No					2846=w
16. (15(2)) 600mm Equilateral Triangle L.H.S-R.H.S					
	do	do	all	Comp.	
Qty vide TMB Page No - 7					
06 Nos @Rs 4047.97/No					24288=w

Continuation Rs-1543018=w

Sch. XLV-Form No. 134 B. FRs-1543018-10

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
17 15(iii) 600mm Circular Special Limit Board.					
	do	do	all	Comp.	
	Qty	Vide	TMB	Page	No - 7
	02 Nos	@ Rs	5372.63	No	10745-10
18 15(iii) 800mm x 600mm Rectangular place board.					
	do	do	all	Comp.	
	Qty	Vide	TMB	Page	No - 7
	02 Nos	@ Rs	7427.41	No	14855-10
19 5(iv) 600mm x 450mm Rectangular place Board.					
	do	do	all	Comp.	
	Qty	Vide	TMB	Page	No - 8
	02 Nos	@ Rs	5237.03	No	10474-10

20 16 Providing and erecting Direction place board.					
	do	do	all	Comp.	
	Qty	Vide	TMB	Page	No - 8
	02 Nos	@ Rs	11808.17	No	23616-10
21 17 Road Marking with Hot Applied Thermo plastic paint with comp. 25mm thick.					
	do	do	all	Comp.	
	Qty	Vide	TMB	Page	No - 8
	127. cm ²	@ Rs	626.81	m ²	79605-10
22 18 Planting of Tree and their one year Maintenance					
	do	do	all	Comp.	
	Qty	Vide	TMB	Page	No - 8
	64.0 Nos	@ Rs	952.49	No	60959-10

Continuation Rs-1743272-10

