

1.

(These four lines should be repeated at the commencement of the measurements relating to each work).

Date of completion - 09.04.2024

71 0.	187 Hectr
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Scanned with CamScanner

Sch. XLV Form No. 134

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
3) Granular sub-base with 10% gravel					Materials
	6				
	7x	2.0m	0.5m	0.15m	1.35m ³
	6x	1.5m	0.7m	0.175m	1.10m ³
	8x	2.4m	0.7m	0.175m	3.02m ³
	11x	1.9m	0.7m	0.175m	3.66m ³
	13x	2.0m	0.8m	0.175m	3.64m ³
	11x	2.2m	0.7m	0.175m	3.81m ³
	11x	1.9m	0.8m	0.175m	2.93m ³
	9x	2.0m	0.8m	0.175m	2.52m ³
	10x	2.6m	0.7m	0.175m	4.10m ³
	17x	2.45m	0.7m	0.175m	6.56m ³
	9x	2.0m	0.8m	0.175m	2.52m ³
	12x	1.8m	0.85m	0.175m	3.21m ³
	8x	1.8m	0.7m	0.175m	1.76m ³
	12x	2.1m	0.7m	0.175m	3.77m ³

	13x	2.75m	0.9m	0.175m	4.61m ³
	9x	1.8m	0.8m	0.175m	2.27m ³
	9x	2.2m	0.8m	0.175m	2.77m ³
	10x	1.5m	0.9m	0.175m	2.36m ³
					56.16m ³
				Limit	53.94m ³

4A) Providing and compacting stone aggregate				
	W.B.M grade			2
	do		do	
	8x	1.90m	1.04x0.075	1.14m ³
	11x	2.30m	1.0m x 0.075	1.90m ³
	16x	2.50m	1.0m x 0.075	3.0m ³
	9x	2.10m	0.90 x 0.075	1.28m ³
	19x	1.95m	0.90 x 0.075	2.50m ³
	12x	2.0m	1.0m x 0.075	1.80m ³

Continuation

11.62m³

Soil, XLV-Form No. 134 B.F. Qty. 11.62 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	9x	2.10m	0.80m	0.075	1.13 m ³
	12x	1.90m	0.70m	0.075	1.20 m ³
	13x	2.20m	1.00m	0.075	2.15 m ³
	16x	2.30m	0.90m	0.075	2.48 m ³
	9x	1.70m	0.90m	0.075	1.03 m ³
	19x	2.30m	1.00m	0.075	3.28 m ³
	15x	2.10m	0.90m	0.075	2.13 m ³
	11x	2.50m	1.00m	0.075	2.06 m ³
	9x	1.75m	1.00m	0.075	1.18 m ³
	17x	2.15m	0.90m	0.075	2.47 m ³
	9x	1.70m	1.10m	0.075	1.26 m ³
	13x	2.05m	0.90m	0.075	1.80 m ³
					1.94 m ³
	6x	1.60m	0.80m	0.075	0.58 m ³

34.37 m³

5) Providing and compacting stone aggregate

W.B.M grade — 3.

do do

16x	2.10m	1.10m	0.075	2.77 m ³
13x	2.40m	1.00m	0.075	2.34 m ³
16x	2.60m	1.00m	0.075	3.12 m ³
10x	2.25m	0.90m	0.075	1.52 m ³
19x	2.00m	1.00m	0.075	2.85 m ³
12x	2.15m	1.00m	0.075	1.94 m ³
9x	2.20m	0.90m	0.075	1.34 m ³
13x	1.95m	0.80m	0.075	1.52 m ³
14x	2.40m	1.00m	0.075	2.52 m ³
16x	2.50m	0.90m	0.075	2.70 m ³

22.62 m³

Continuation

Sch. XLV_Form No. 134 B.F. Fly - 22.62m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D	
	9x	1.70x	0.900x	0.075	1.03m ³
	19x	2.40x	1.10x	0.075	3.76m ³
	15x	2.10x	0.900x	0.075	2.13m ³
	11x	2.60x	1.00x	0.075	2.15m ³
	9x	1.75x	1.0x	0.075m	1.18m ³
	17x	2.25m	1.0x	0.075	2.87m ³
	9x	1.70x	1.10x	0.075	1.26m ³
	13x	2.05m	0.900x	0.075	1.80m ³
	6x	1.60x	0.800x	0.075	0.58m ³
	21x	2.35m	1.00m	0.075	3.70m ³
	13x	2.25x	1.05x	0.075	2.30m ³
	15x	1.70x	1.0x	0.075	2.14m ³
	16x	2.30x	1.20x	0.075	3.31m ³
	15x	2.0x	1.0x	0.075	2.25m ³
	12x	2.10x	1.10x	0.075	2.08m ³
	18x	1.80x	0.900x	0.075	2.19m ³

16x	1.70x	1.10x	0.075	2.51m ³
13x	2.0x	1.20x	0.075	2.34m ³
19x	1.80x	1.10x	0.075	2.82m ³
				65.02m ³
				Limit - 64.62m ³

10/10 Construction of Berry Lean Cement concrete
of Sub-base over prepared sub-grade

2x	2.50m	$\frac{1.15+1.0}{2}$	0.100	0.54m ³
6x	2.0m	0.900	0.100	1.08m ³
3x	0.900x	0.900m	0.100	0.24m ³
7x	1.10m	0.800	0.100	0.62m ³
5x	2.40m	0.800	0.100	0.96m ³
4x	2.10x	0.950	0.100	0.80m ³
2x	1.05m	1.0m	0.100	0.21m ³
7x	1.0m	0.400	0.100	0.28m ³
				4.73m ³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11) Construction of Un-Reinforced plain					
Concrete M30 grade					
do do					
3x	30m	3.75m	0.160		54.0m ³
1x	15m	3.75m	0.160		9.0m ³
2x	30m	3.75m	0.160		36.0m ³
Extra 1% → 2x2	108	$\frac{1.10+1.05}{2}$	0.160		20.72m ³
					99.72m ³
6) Presiding and applying Primer coat with					
Bituminous emulsion (SS1)					
do do					
16x	2.10m	1.10m			36.96m ²
13x	2.40m	1.0m			31.20m ²

16x	2.60m	1.0m			41.60m ²
10x	2.25m	0.90m			20.25m ²
19x	2.0m	1.0m			38.0m ²
12x	2.15m	1.0m			25.80m ²
9x	2.20m	0.90m			17.82m ²
13x	1.95m	0.80m			20.28m ²
14x	2.40m	1.0m			33.60m ²
16x	2.50m	0.90m			36.00m ²
9x	1.70m	0.90m			13.77m ²
19x	2.40m	1.10m			50.16m ²
15x	2.10m	0.90m			28.35m ²
11x	2.60m	1.0m			28.60m ²
9x	1.75m	1.0m			15.75m ²
17x	2.25m	1.0m			38.25m ²

Continuation

476.39m²

Sch. XLV Form No. 134 B. Foly - 476.39m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	9x	1.70m	1.15m	-	16.83m ²
	13x	2.05m	0.90m	-	23.99m ²
	6x	1.60m	0.80m	-	7.68m ²
	21x	2.35m	1.00m	-	49.35m ²
	13x	2.25m	1.05m	-	30.71m ²
	15x	1.90m	1.00m	-	28.50m ²
	16x	2.30m	1.20m	-	44.16m ²
	15x	2.00m	1.00m	-	30.00m ²
	12x	2.10m	1.10m	-	27.72m ²
	18x	1.80m	0.90m	-	29.16m ²
	16x	1.90m	1.10m	-	33.40m ²
	13x	2.00m	1.20m	-	31.20m ²
	19x	1.80m	1.10m	-	37.62m ²
					866.71m ²
				Limit	861.60m ²

8) Providing and applying Tack coat with
 Bituminous Emulsion (RSI)'
 for mss on pot do do

	16x	2.10m	1.10m	-	36.96m ²
	13x	2.40m	1.00m	-	31.20m ²
	16x	2.60m	1.00m	-	41.60m ²
	10x	2.25m	0.90m	-	20.25m ²
	19x	2.00m	1.00m	-	38.00m ²
	12x	2.15m	1.00m	-	25.80m ²
	9x	2.20m	0.90m	-	17.82m ²
	13x	1.95m	0.80m	-	20.28m ²
	14x	2.40m	1.00m	-	33.60m ²
	16x	2.50m	0.90m	-	36.00m ²
	9x	1.70m	0.90m	-	13.77m ²

Continuation 315.28m²

Sch. XLV-Form No. 134 B-f 04-315-20m²

[illegible]

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	19x	2.40m	x 1.10m	-	50.16m ²
380	15x	2.10m	x 0.90m	-	28.35m ²
1-E	11x	2.60m	x 1.0m	-	28.60m ²
	9x	1.75m	x 1.0m	-	15.75m ²
	17x	2.25m	x 1.0m	-	38.25m ²

7) Providing laying and Raising of Premix
Surfacing Material of 20mm thick

do	do	-	-	-
16x	2.10m	x 1.10m	-	36.96m ²
13x	2.40m	x 1.0m	-	31.20m ²
16x	2.60m	x 1.0m	-	41.60m ²
10x	2.25m	x 0.90m	-	20.25m ²
19x	2.0m	x 1.0m	-	38.00m ²

12x	2.15m	x 1.0m	-	25.80m ²
9x	2.20m	x 0.90m	-	17.82m ²
13x	1.95m	x 0.80m	-	20.28m ²
14x	2.40m	x 1.0m	-	33.60m ²
16x	2.50m	x 0.90m	-	36.00m ²
9x	1.70m	x 0.90m	-	33.77m ²
19x	2.40m	x 1.10m	-	50.16m ²
15x	2.10m	x 0.90m	-	28.35m ²
11x	2.60m	x 1.0m	-	28.60m ²
9x	1.75m	x 1.0m	-	15.75m ²
17x	2.25m	x 1.0m	-	38.25m ²
9x	1.70m	x 1.10m	-	16.83m ²
13x	2.05m	x 0.90m	-	23.97m ²
6x	1.60m	x 0.80m	-	7.68m ²
21x	2.35m	x 1.0m	-	49.35m ²

Continuation

574.24m²

Sch. XLV-Form No. 134 B.F. 84y-574.24m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	13x	2.25m	1.65m		30.71m ²
	15x	1.90m	1.0m		28.50m ²
	16x	2.30m	1.20m		44.16m ²
	15x	2.0m	1.10m		30.00m ²
	12x	2.10m	1.10m		27.72m ²
	18x	1.80m	0.90m		29.16m ²
	16x	1.90m	1.10m		33.40m ²
	13x	2.00m	1.20m		31.20m ²
	19x	1.80m	1.10m		37.62m ²
					866.71m ²
				Limit	861.60m ²

(b) Providing and applying tack coat with Bituminous emulsion (RS1).					
for SDBC	do	do			
17m ²	1.0	5.10	3.75	m	106.82m ²
8x	30m	3.75	5m		900.00m ²
1x	10m	3.75	m		37.50m ²
1x	5m	4.75	5m		23.75m ²
1x	20m	3.75	m		75.00m ²
15x	30m	3.75	m		1687.50m ²
1x	21m	3.75	m		78.75m ²
1x	8m	2.50	m		20.00m ²
					2929.32

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7) Providing and laying S.D.C.					
do					
8 of 30m					
17mm	10.04	5.10	3.75	0.025	2.67m ³
		3			
84.30mm	3.75	0.025			2.250m ³
14	10mm	3.75	0.025		0.94m ³
14	5mm	4.75	0.025		0.59m ³
14	20mm	3.75	0.025		1.88m ³
15	30mm	3.75	0.025		1.217m ³
14	21mm	4.75	0.025		1.77m ³
14	8mm	4.50	0.025		0.50m ³
Extra-1/2	9.13mm	1.10	1.05	0.025	0.73m ³
94.30		2			
					73.97m ³

Sp/6
15.4.2024
S.E.

Sp/6
15.4.2024
A.B.

20) Providing and fixing M.R. (3054) 2m
Informatory, maintenance and Carizen board

20 do

140 0.3 Nos.

Sp/6
15.4.2024
S.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 Graveling Road. kerb width, 10262.					
do do all Comp					
Qty Wide TMS Page No - 01					
0.187 Hecr @ Rs 7269				7.86	135942
3) Granular sub-base with well graded material					
do do all Comp					
Qty Wide TMS Page No - 02					
53.94 m ² @ Rs 1695.83					916342
4) Providing and Compacting Stone aggregate W.B.M grade - 2.					
do do all Comp					
Qty Wide TMS Page No - 3					
34.37 m ² @ Rs 3412.95					1173032
5) Providing and Compacting Stone aggregate W.B.M Grade - 3					
do do all Comp					
Qty Wide TMS Page No - 04					
64.62 m ² @ Rs 3409.77					2203392
10/10) Construction of Dry Lean Cement concrete of sub-base over prepared sub-					
do do all Comp					
Qty Wide TMS Page No - 04					
4.73 m ² @ Rs 4754.01					224862
11/11) Construction of 17-Reinforced plain cement concrete M30 grade.					
do do all Comp					
Qty Wide TMS Page No - 5					
99.72 m ³ @ Rs 8209.36					8186372
Rs - 128399300					

Continuation

Continuation

Sch. XLV-Form No. 134 B.F.Rs 1283993=0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3) Providing and applying Primer coat with Bitummine emulsion (55%)					
do do all Comp					
Qty vide TMB Page No- 6					
861' 60m ² @ Rs 60.21/-					51876 =
8) Providing and applying Tack coat with Bitummine emulsion (R61)					
do do all Comp					
Qty vide TMB Page No- 7, 9					
$\left(\frac{8}{10}\right) \left(\frac{8}{10}\right) + \left(\frac{8}{10}\right) \left(\frac{6}{10}\right)$					
861' 60m ² + 2929' 32m ²					3790.92m ²
3790.92m ² @ Rs 20.67/-					78358 =

7) Providing laying and Rolling of Premix Surfacing Material of 20mm thick.					
do do all Comp					
Qty vide TMB Page No- 9					
861' 60m ² @ Rs 273.71/-					235828 235828
9) Providing and laying S.D.B.C.					
do do all Comp					
Qty vide TMB Page No- 10					
73' 97m ² @ Rs 14248.61/-					1053969
20) Providing and fixing (MR-3054) in Informatory, Maintenance and Utilization Board.					
do do all Comp					
Qty vide TMB Page No- 10.					
03 Nos @ Rs 11259.17/-					33778 =

Continuation

Rs - 2737802 =

32/168-24

29.85036

13

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
		B.F.R.S. — 273			7802.20
		Add Labour cost 1% — 27			378.20
		Add G.S.T — 18% — 49			2804.20
		Add Scaffolding — 36			520.20
		RS — 329			4484.50
		Less Below 10% — 329			448.20
2464022.20		Total RS — 296			5036.20
44352.20		SPC			
2464022.20		15.4.2024			15.4.2024
32800.20		J.E.			AE
2965036.20		C.B.F.			
		11/12/24			

Statement of Materials

① G.S.B (steel)	41.4	26 m ³
② Local sand	27.6	17 m ³
③ W.B.M grade-2 (steel)	41.5	88 m ³
④ Screening	9.2	80 m ³
⑤ W.B.M grade-3 (steel)	78	190 m ³
⑥ Screening	15	509 m ³
⑦ SS	0	732 MT
⑧ RS	1	137 MT
⑨ Bitumen (S-90)	1	637 MT
⑩ Bitumen (S-65)	8	876 MT
⑪ Stone chips	129.04	kg/m ²
⑫ Stone chips	89	745 m ³ 94.005 m ³
⑬ Stone Sand	44	874 m ³ 47.002 m ³

Continuation

SPC
15.4.2024
J.E.

121 on a/c Bill

14

2965036=-

2464022=-

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5.1. SD	Rs.	148252=-			
2.1. I.T	Rs.	49280=-			
1.1. L.C. & S.	Rs.	24640=-			
1.1. P.U.S.T	Rs.	24640=-			
1.1. S.U.S.T	Rs.	24640=-			674934=-
Royalty	Rs.	70478=-			
S. fee	Rs.	36500=-			
EDT	Rs.	296504=-			
Mis-Exp (Taxes)	Rs.	Nil			
Cheque	Rs.	2290102=-			
Cross	Rs.	2965036=-			
Balance	For	Rs - 2965036=-			
(Twenty Nine Lac Sixty Five					

thousand and thirty Six Only

22/8/24

Executive Engineer
Rural Work Department
Work Division, Biharsahar

Mk
24/8/24

Ref.

20240823108628

For 22/8/24

Continuation

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Plt fixg Dir-chim & Place Board					
.....20.....		20.....		612	
		1.92 m ²			1.92 m ²
(14) Plt fixing retro-reflective signs					
.....20.....		20.....		612	
(i) 600mm triangle		8.00 Nos.			8.00 Nos.
(ii) 600mm circular		2.00 Nos.			2.00 Nos.
(iii) 600mm x 450mm rectangular		2.00 Nos.			2.00 Nos.
(15) Plt RCC M-15 Boundary Pillars					
.....20.....		20.....		612	
		8.00 Nos.			8.00 Nos.
(16) Planting of trees by the road side					
.....20.....		20.....		612	
		46.00 Nos.			46.00 Nos.
(17) Plt half Brick Circular tree Guard					
.....20.....		20.....		612	
		46.00 Nos.			46.00 Nos.
(18) Plt & laying Road marking					
.....20.....		20.....		612	
(i) For B.T. Portion					
	2 X	10 X	30.00 X 0.10		60.00 m ²
	2 X	10 X	30.00 X 0.10		60.00 m ²
	2 X	5 X	30.00 X 0.10		30.00 m ²
	2 X	1 X	21.00 X 0.10		4.20 m ²
					154.20 m ²

Continuation

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(1) Clearing & grubbing land (contd)					
.....do.....do.....do					Rs
0187 Ha. VTMBP-11					
	@ Rs	22697.36/Ha.			Rs 135942
(2) Construction of Sub Grade					
.....do.....do.....do					Rs
383.61 m ³ VTMBP-15					
	@ Rs	260.00/m ³			Rs 99735.2
(3) Construction of G.S. B. & D					
.....do.....do.....do					Rs
53.99 m ³ VTMBP-11					
	@ Rs	1698.83/m ³			Rs 916342
(4) P.R. laying & compacting WBM Gr-2					
.....do.....do.....do					Rs
34.37 m ³ VTMBP-11					
	@ Rs	3412.25/m ³			Rs 1173032
(5) P.R. laying & compacting WBM Gr-3					
.....do.....do.....do					Rs
64.62 m ³ VTMBP-11					
	@ Rs	3409.77/m ³			Rs 2203392
(6) Providing & applying Prime Coat (SC)					
.....do.....do.....do					Rs
861.60 m ² VTMBP-12					
	@ Rs	60.21/m ²			Rs 518762
(7) Providing & applying Tack Coat (RS)					
.....do.....do.....do					Rs
Rs 594485200					

Continuation

Rs 594485.200

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
A.P.					5944552
3792.90w ² VTMSP-12					
@ Rs 20.67/w ²					Rs 783582
③ Pr. laying of rolling NSS 20mm					
.....20.....20.....20.....20					
861.60w ² VTMSP-12					
@ Rs 27371/w ²					Rs 2358282
④ Pr. laying of rolling S.D.B.C.					
.....20.....20.....20.....20					
7342w ² VTMSP-12					
@ Rs 1424361/w ²					Rs 10539592
⑩ Construction of Dry lean concrete					
.....20.....20.....20.....20					
4.73w ² VTMSP-11					
@ Rs 455401/w ²					Rs 214862
⑪ Construction of RCC 4-30					
.....20.....20.....20.....20					
97.72w ² VTMSP-11					
@ Rs 820956/w ²					Rs 8186372
⑫ Pr RCC 4-15 km. 1m. Stone					
.....20.....20.....20.....20					
iii K.M. Stone					
1.00w ² VTMSP-15					
@ Rs 2762.12/w ²					Rs 27622
iv 200w Stone					
4.00w ² VTMSP-15					
@ Rs 79599/w ²					Rs 31842
					Rs 2807202

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.P.					Rs 28027.07
(13/13) P.P. fixing Distraction (Place Board)					
.....20.....20.....					Rs 11
1-92 m ² VTMBP-16					
@ Rs 15489.85/m ²					Rs 29744.2
(14/14) P.P. fixing retro-reflective Sign					
.....20.....20.....					Rs 11
(1) Ground Triangle					
8.00 m ² VTMBP-16					
@ Rs 14114.98/m ²					Rs 35220.2
(ii) Ground Circular					
2.00 m ² VTMBP-16					
@ Rs 4432.65/m ²					Rs 8865.3
(iii) Ground Square Rectangular					
2.00 m ² VTMBP-16					
@ Rs 4267.84/m ²					Rs 8540.2
(15/15) P.P. RCC M-15 Boundary Pillars					
.....20.....20.....					Rs 11
8.00 m ² VTMBP-16					
@ Rs 780.89/m ²					Rs 6247.2
(16/16) Planting of trees by the road side					
.....20.....20.....					Rs 11
46.00 m ² VTMBP-16					
@ Rs 1201.50/m ²					Rs 55269.2
(17/17) P.P. half brick circular tree Guard					
.....20.....20.....					Rs 11
					Rs 295364.10

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.P.					1/2 29536742
46.00 Nos	VTMBP-16				
	@ 1/2 2059.931 Nos.				1/2 944382
(18) P/W Laying Road Marking					
.....20.....20.....E/L					
(i) B.S. Position					
154.20 m ²	VTMBP-16				
	@ 1/2 825.751 m ²				1/2 1273312
(ii) For P.C.C. Position					
93.00 m ²	VTMBP-17				
	@ 1/2 932.761 m ²				1/2 304812
(19) P/W Fixing 'Logo' of Project					
.....20.....20.....E/L					
2.00 Nos	VTMBP-13				
5.00 Nos	@ 1/2 11259.171 Nos.				1/2 562962
(20) P/W Laying Duct Pipe 300mm					
.....20.....20.....E/L					
15.00 m	VTMBP-17				
	@ 1/2 976.351 m				1/2 146452
(21) Plastering with cement mortar					
.....20.....20.....E/L					
60.48 m ²	VTMBP-17				
	@ 1/2 216.091 m ²				1/2 130692
(22) Painting two coats on new surface					
.....20.....20.....E/L					
60.48 m ²	VTMBP-17				
	@ 1/2 127.281 m ²				1/2 76982
Continuation					1/2 32982292 32034912

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Continuation

Continuation