

1

Date of Completion - 31-03-2024

(2) Construction of granular

spaced material Gr II - do -

In patch pots -

CH-OM to 445m -

$$3 \times 0.50 \text{ M} \times 0.20 \text{ M} \times 0.150 \text{ M} = 0.05 \text{ M}^3$$

$$5 \times 1.00 \text{ M} \times 0.60 \text{ M} \times 0.115 \text{ M} = 0.53 \text{ M}^3$$

$$6 \times 1.60 \text{ M} \times 0.50 \text{ M} \times 0.450 \text{ M} = 0.72 \text{ M}^3$$

$$8 \times 1.90 \text{ M} \times 0.40 \text{ M} \times 0.175 \text{ M} = 1.06 \text{ M}^3$$

$$1 \times 2.00 \text{ M} \times 0.90 \text{ M} \times 0.150 \text{ M} = 1.89 \text{ M}^3$$

6x 1.70MX0.20MX0.175MD 0.36M³

$$5 \times 1.80 \text{ M} \times 0.50 \text{ M} \times 0.150 \text{ M} = 0.68 \text{ M}$$

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6x	1.50M	0.80M	0.175M		$\approx 1.26 M^3$
8x	1.60M	0.60M	0.150M		$\approx 1.15 M^3$
12x	1.30M	0.50M	0.175M		$\approx 1.37 M^3$
13x	1.00M	0.80M	0.150M		$\approx 1.56 M^3$
11x	1.40M	0.70M	0.150M		$\approx 1.62 M^3$
CH - 655 M to 885 M -					
9x	1.50M	0.50M	0.175M		$\approx 1.18 M^3$
8x	1.35M	0.40M	0.150M		$\approx 0.65 M^3$
9x	1.20M	0.50M	0.175M		$\approx 0.95 M^3$
8x	1.70M	0.90M	0.175M		$\approx 2.14 M^3$
10x	1.40M	0.80M	0.175M		$\approx 1.96 M^3$
8x	1.80M	0.80M	0.175M		$\approx 2.02 M^3$
10x	2.00M	0.40M	0.150M		$\approx 1.20 M^3$
9x	2.10M	0.80M	0.175M		$\approx 2.65 M^3$
5x	1.30M	0.50M	0.175M		$\approx 0.57 M^3$
9x	2.20M	0.60M	0.150M		$\approx 1.78 M^3$
CH - 945 M to 1075 M -					
10x	1.60M	0.90M	0.175M		$\approx 2.52 M^3$
6x	1.30M	0.80M	0.175M		$\approx 1.09 M^3$
8x	1.70M	0.80M	0.175M		$\approx 1.90 M^3$
10x	1.90M	0.40M	0.150M		$\approx 1.14 M^3$
9x	2.00M	0.80M	0.175M		$\approx 2.52 M^3$
12x	1.30M	0.30M	0.175M		$\approx 0.82 M^3$
11x	2.00M	0.70M	0.150M		$\approx 2.31 M^3$
CH - 1075 M to 1130 M -					
12x	1.70M	0.70M	0.175M		$\approx 2.50 M^3$
11x	1.40M	0.70M	0.150M		$\approx 1.62 M^3$
12x	1.50M	0.40M	0.150M		$\approx 1.08 M^3$
4x	1.30M	0.50M	0.175M		$\approx 0.46 M^3$
1x	1.70M	0.20M	0.175M		$\approx 0.06 M^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
CH-	1130M	4617	60M	-	-
5x	1.80M	0.50M	0.150M	-	0.68 M ³
11x	1.50M	0.80M	0.175M	-	2.31 M ³
11x	1.60M	0.60M	0.150M	-	1.58 M ³
11x	1.30M	0.50M	0.175M	-	1.25 M ³
7x	1.00M	0.80M	0.150M	-	0.84 M ³
11x	1.40M	0.70M	0.150M	-	1.62 M ³
12x	1.60M	0.50M	0.175M	-	1.68 M ³
11x	1.55M	0.40M	0.150M	-	1.02 M ³
9x	1.40M	0.30M	0.175M	-	1.10 M ³
6x	1.70M	0.70M	0.150M	-	1.67 M ³
4x	2.40M	0.60M	0.175M	-	1.01 M ³
6x	2.40M	0.60M	0.150M	-	1.30 M ³
7x	1.80M	0.90M	0.175M	-	1.98 M ³
11x	1.50M	0.80M	0.175M	-	2.31 M ³
9x	1.90M	0.80M	0.175M	-	2.39 M ³
11x	2.10M	0.40M	0.150M	-	1.39 M ³
10x	2.20M	0.80M	0.175M	-	3.08 M ³
6x	1.50M	0.30M	0.175M	-	0.47 M ³
5x	2.20M	0.70M	0.150M	-	1.16 M ³
6x	1.90M	0.70M	0.175M	-	1.40 M ³
5x	1.60M	0.70M	0.150M	-	0.84 M ³
6x	1.70M	0.40M	0.150M	-	0.61 M ³
8x	1.40M	0.50M	0.175M	-	0.98 M ³
7x	1.10M	0.90M	0.150M	-	1.04 M ³
6x	1.30M	1.10M	0.175M	-	1.50 M ³
					79.94 M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH-885 m to 845 m -				B.F Qty =	19.34 M ³
2x30.0Mx4.05Mx0.10M =					24.30 M ³
					104.24 M ³
(3) Construction of dry					
lean cement concrete					
Sub base over dr do. T/C					
CH-445 m to 655 m -					
16x0.60Mx0.45Mx0.10M =					0.432 M ³
22x0.30Mx0.30Mx0.10M =					0.198 M ³
17x0.45Mx0.30Mx0.10M =					0.229 M ³
15x1.15Mx1.02Mx0.10M =					1.759 M ³
11x0.60Mx0.60Mx0.10M =					0.396 M ³
2x8.00Mx0.60Mx0.10M =					0.96 M ³
3x5.00Mx1.00Mx0.10M =					1.50 M ³
4x3.00Mx2.00Mx0.10M =					2.40 M ³
					7.874 M ³
(4) Roadway & bit. surf. to					
typical M.A information					
Sign board - dr do. T/C					
Qty - 4.0 Nos					
1					
18-7-23					
J.E.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>Contd.</u>				
Date of measurement -	8-8-23				
(1) Providing, Laying, spreading & compaction of stone aggregates					
WBM Gr-2 - do - do - T/C -					
In patch patch -					
CH - 0 m to 445 m -					
3x 0.60m x 0.30m x 0.075m =	0.04 m ³				
5x 1.10m x 0.70m x 0.075m =	0.29 m ³				
6x 1.70m x 0.60m x 0.075m =	0.46 m ³				
8x 2.00m x 0.50m x 0.075m =	0.60 m ³				
7x 2.10m x 1.00m x 0.075m =	1.10 m ³				
6x 1.80m x 0.30m x 0.075m =	0.24 m ³				
5x 1.90m x 0.60m x 0.075m =	0.43 m ³				
6x 1.60m x 0.90m x 0.075m =	0.65 m ³				
8x 1.70m x 0.70m x 0.075m =	0.71 m ³				
12x 1.40m x 0.60m x 0.075m =	0.76 m ³				
13x 1.10m x 0.90m x 0.075m =	0.91 m ³				
11x 1.50m x 0.80m x 0.075m =	0.99 m ³				
CH - 655 m to 885 m -					
9x 1.60m x 0.60m x 0.075m =	0.65 m ³				
8x 1.45m x 0.50m x 0.075m =	0.44 m ³				
9x 1.30m x 0.60m x 0.075m =	0.53 m ³				
8x 1.80m x 1.00m x 0.075m =	1.08 m ³				
10x 1.50m x 0.90m x 0.075m =	1.01 m ³				
8x 1.90m x 0.90m x 0.075m =	1.03 m ³				
10x 2.10m x 0.50m x 0.075m =	0.79 m ³				
9x 2.20m x 0.90m x 0.075m =	1.34 m ³				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5X	1.40M	0.60M	0.075M		0.32 M ³
9X	2.30M	0.70M	0.075M		1.09 M ³
CH- 925M to 1075M =					
10X	1.70M	1.00M	0.075M		1.28 M ³
6X	1.40M	0.90M	0.075M		0.97 M ³
8X	1.80M	0.90M	0.075M		0.97 M ³
10X	2.00M	0.50M	0.075M		0.75 M ³
9X	2.10M	0.90M	0.075M		1.28 M ³
12X	1.40M	0.40M	0.075M		0.50 M ³
11X	2.10M	0.80M	0.075M		1.39 M ³
CH- 1130M to 1760M =					
5X	1.90M	0.60M	0.075M		0.43 M ³
11X	1.60M	0.90M	0.075M		1.19 M ³
11X	1.70M	0.70M	0.075M		0.98 M ³
11X	1.40M	0.60M	0.075M		0.69 M ³
7X	1.10M	0.90M	0.075M		0.52 M ³
11X	1.50M	0.80M	0.075M		0.99 M ³
12X	1.70M	0.60M	0.075M		0.92 M ³
11X	1.65M	0.50M	0.075M		0.68 M ³
9X	1.50M	0.60M	0.075M		0.61 M ³
6X	1.80M	0.80M	0.075M		0.65 M ³
4X	2.50M	0.70M	0.075M		0.53 M ³
6X	2.50M	0.70M	0.075M		0.79 M ³
7X	1.90M	1.00M	0.075M		1.00 M ³
11X	1.60M	0.90M	0.075M		1.19 M ³
9X	2.00M	0.90M	0.075M		1.22 M ³
11X	2.20M	0.50M	0.075M		0.91 M ³
10X	2.30M	0.90M	0.075M		1.55 M ³
11X	1.80M	0.70M	0.075M		1.04 M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8x	1.50M	0.60M	0.075M		0.54 M ³
13x	1.20M	0.90M	0.075M		1.05 M ³
9x	1.60M	0.80M	0.075M		0.86 M ³
12x	1.80M	0.60M	0.075M		0.97 M ³
8x	1.75M	0.50M	0.075M		0.53 M ³
7x	1.60M	0.60M	0.075M		0.50 M ³
14x	1.90M	0.80M	0.075M		1.60 M ³
8x	1.50M	0.70M	0.075M		0.63 M ³
11x	1.60M	0.70M	0.075M		0.92 M ³
7x	1.50M	0.50M	0.075M		0.39 M ³
13x	1.70M	0.90M	0.075M		1.49 M ³
9x	1.90M	0.90M	0.075M		1.15 M ³
6x	1.60M	0.40M	0.075M		0.29 M ³
5x	2.30M	0.80M	0.075M		0.69 M ³
6x	2.00M	0.80M	0.075M		0.72 M ³
5x	1.70M	0.80M	0.075M		0.51 M ³
6x	1.80M	0.50M	0.075M		0.41 M ³
8x	1.50M	0.60M	0.075M		0.54 M ³
7x	1.20M	1.00M	0.075M		0.63 M ³
6x	1.40M	1.20M	0.075M		0.76 M ³
					53.27 M ³
CH- 855 M to 945 M -					
2x	30.0M	3.75M	0.075M		16.875 M ³
					70.145 M ³
(2) Construction of unth-					
berced cement concrete					
pavement M30 -do-do-					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
on per T/S -					
CH- 4.45M x 0.655M -					
1 x 20.0M x 3.95M x 0.160M					12.64 M ³
1 x 5.0M x 3.50M x 0.160M					2.80 M ³
1 x 8.0M x 4.20M x 0.160M					5.376 M ³
2 x 30.0M x 3.85M x 0.160M					36.96 M ³
1 x 15.0M x 3.85M x 0.160M					9.24 M ³
1 x 30.0M x 3.75M x 0.160M					18.00 M ³
1 x 10.0M x 3.75M x 0.160M					6.00 M ³
1 x 19.0M x 3.65M x 0.150M					10.40 M ³
1 x 10.0M x 3.55M x 0.140M					4.97 M ³
1 x 8.0M x 3.65M x 0.150M					4.38 M ³
1 x 25.0M x 3.65M x 0.130M					16.46 M ³
					127.226 M ³
1					
8-8-23					
J.E.					

BCH XIV Form No. 134

Particulars	Details of actual measurement				Contents of area
	No	I	II	III	
<u>Sealed</u>					
Date of measurement	27.9.73				
ii) Providing, laying, spreading & compacting stone aggregate					
Ward No 2 do do - T.C.					
In patch pots -					
CH - 0m to 44.5m -					
3x	0.65M	0.35M	0.075M	0.05 M ³	
5x	1.15M	0.75M	0.075M	0.32 M ³	
6x	1.75M	0.65M	0.075M	0.51 M ³	
8x	2.05M	0.55M	0.075M	0.68 M ³	
7x	2.15M	1.05M	0.075M	1.19 M ³	
6x	1.85M	0.35M	0.075M	0.29 M ³	
5x	1.95M	0.65M	0.075M	0.48 M ³	
6x	1.65M	0.95M	0.075M	0.71 M ³	
8x	1.75M	0.75M	0.075M	0.79 M ³	
12x	1.45M	0.65M	0.075M	0.85 M ³	
13x	1.15M	0.95M	0.075M	1.07 M ³	
11x	1.55M	0.85M	0.075M	1.09 M ³	
CH - 65.5M to 88.5M -					
9x	1.65M	0.65M	0.075M	0.72 M ³	
8x	1.50M	0.55M	0.075M	0.50 M ³	
9x	1.35M	0.65M	0.075M	0.59 M ³	
8x	1.85M	1.05M	0.075M	1.17 M ³	
10x	1.55M	0.95M	0.075M	1.10 M ³	
8x	1.95M	0.95M	0.075M	1.11 M ³	
10x	2.15M	0.55M	0.075M	0.89 M ³	
9x	2.25M	0.95M	0.075M	1.44 M ³	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5X	1.45M	X0.65M	X0.075M		= 0.35M ³
3X	2.35M	X0.15M	X0.075M		= 1.19M ³
CH-	945M	to 1015M			
10X	1.75M	X1.05M	X0.075M		= 1.38M ³
6X	1.45M	X0.95M	X0.075M		= 0.62M ³
8X	1.85M	X0.95M	X0.075M		= 1.05M ³
10X	2.05M	X0.55M	X0.075M		= 0.85M ³
9X	2.15M	X0.95M	X0.075M		= 1.38M ³
12X	1.45M	X0.45M	X0.075M		= 0.59M ³
11X	2.15M	X0.85M	X0.075M		= 1.51M ³
CH-	1130M	to 1760M			
5X	1.95M	X0.65M	X0.075M		= 0.48M ³
11X	1.65M	X0.95M	X0.075M		= 1.29M ³
11X	1.75M	X0.75M	X0.075M		= 1.08M ³
11X	1.45M	X0.65M	X0.075M		= 0.78M ³
7X	1.15M	X0.95M	X0.075M		= 0.57M ³
11X	1.55M	X0.85M	X0.075M		= 1.09M ³
12X	1.75M	X0.65M	X0.075M		= 1.02M ³
11X	1.70M	X0.55M	X0.075M		= 0.77M ³
9X	1.55M	X0.65M	X0.075M		= 0.68M ³
6X	1.85M	X0.85M	X0.075M		= 0.71M ³
4X	2.55M	X0.75M	X0.075M		= 0.57M ³
6X	2.55M	X0.75M	X0.075M		= 0.86M ³
7X	1.95M	X1.05M	X0.075M		= 1.07M ³
11X	1.65M	X0.95M	X0.075M		= 1.29M ³
9X	2.05M	X0.95M	X0.075M		= 1.31M ³
11X	2.25M	X0.55M	X0.075M		= 1.02M ³
24X	2.35M	X0.95M	X0.075M		= 4.02M ³
25X	1.85M	X0.75M	X0.075M		= 2.60M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
26X	1.55M	0.65M	0.075M		$= 1.96 M^3$
12X	1.50M	0.75M	0.075M		$= 1.01 M^3$
9X	1.40M	0.75M	0.075M		$= 0.71 M^3$
7X	1.80M	1.05M	0.075M		$= 0.99 M^3$
5X	1.70M	0.95M	0.075M		$= 0.61 M^3$
7X	1.90M	0.95M	0.075M		$= 0.95 M^3$
29X	1.25M	0.95M	0.075M		$= 2.58 M^3$
33X	1.65M	0.85M	0.075M		$= 3.47 M^3$
28X	1.85M	0.65M	0.075M		$= 2.53 M^3$
35X	1.80M	0.55M	0.075M		$= 2.60 M^3$
33X	1.65M	0.65M	0.075M		$= 2.65 M^3$
30X	1.95M	0.85M	0.075M		$= 2.65 M^3$
33X	1.55M	0.75M	0.075M		$= 2.88 M^3$
27X	1.65M	0.75M	0.075M		$= 2.51 M^3$
31X	1.55M	0.55M	0.075M		$= 1.98 M^3$
29X	1.75M	0.95M	0.075M		$= 3.62 M^3$
20X	1.95M	0.95M	0.075M		$= 2.78 M^3$
25X	1.65M	0.45M	0.075M		$= 1.39 M^3$
22X	2.35M	0.85M	0.075M		$= 3.30 M^3$
20X	2.05M	0.85M	0.075M		$= 2.61 M^3$
29X	1.75M	0.85M	0.075M		$= 3.24 M^3$
20X	1.85M	0.55M	0.075M		$= 1.53 M^3$
22X	1.55M	0.65M	0.075M		$= 1.66 M^3$
21X	1.25M	0.65M	0.075M		$= 1.28 M^3$
28X	1.45M	0.85M	0.075M		$= 2.59 M^3$
					$100.82 M^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH-88.5 M to 94.5 M -				B.F. Qty	100.82 M ³
2 x 30.0 M x 3.75 M x 0.075 M					16.87 M ³
CH-107.5 M to 113.0 M -					
1 x 30.0 M x 3.75 M x 0.075 M					8.44 M ³
1 x 25.0 M x 3.75 M x 0.075 M					7.03 M ³
					133.16 M ³

(2) Providing & applying primer

coat with bitumen emulsion

(SS-1) - do do - TIS -

Qty Area vide above item No (1) = 133.16 M²

0.075 M
= 1775.466 M³

(3) Providing & applying tank

coat - do do - TIS -

Qty - NIL -

1
22-8-23
J.E.

Sanjay
22/8/23
Aa

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Contd.</u>					
Date of measurement - 5-9-23					
(1) Providing & applying tack coat with bitumen emulsion					
(Rs+) - do - do - as per T/S -					
Qty vide T.M.B.P. (12) item (2) = 1775.466M ²					
(2) Providing patch work over WBM using Mix Seal surface of 20mm thick - do - do - as per T/S -					
Qty Same as vide T.M.B.P. (12) item (2) = 1775.466M ²					
(3) Providing Brick masonry in C.M. (1:3) in parapet - do - do - as per T/S -					
2 x 6.00M x 0.40M x 0.60M = 2.88M ³					
(4) Providing plastering on C.M. (1:4) - do - do - T/S -					
2 x 6.00M x 0.40M = 4.80M ²					
4 x 6.00M x 0.60M = 14.40M ²					
4 x 0.40M x 0.60M = 0.96M ²					
19.96M ²					
(5) Plastering with C.M. (1:4) - do - do - T/S -					
Existing -					
3 x 2 x 6.00M x 0.40M = 13.80M ²					
3 x 4 x 6.00M x 0.60M = 43.20M ²					
3 x 4 x 0.40M x 0.60M = 2.88M ²					
59.88M ²					
1					


 5-9-23
 J.E.
 19/9/23
 Continuation
 A.E.

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
	<u>Let on A/c</u>				
<u>Name of work -</u>	<u>103 to Bokma road</u>				
<u>P.E.G. No. -</u>	<u>M.A. 11/2252/Riverside/03</u>				
<u>Agency -</u>	<u>Sudesh Kumar Singh & Co Construction Pvt. Ltd.</u>				
<u>Date of measurement -</u>	<u>29-9-23</u>				
<u>Agg. No. -</u>	<u>MBD-02/2023-24</u>				
<u>Date of commencement -</u>	<u>01-07-2023</u>				
<u>Date of completion (Agg.) -</u>	<u>31-03-2024</u>				

1) Providing and applying tack

coat with bitumen emulsion

(RC-1) - do do - as per T.C.

CH - 0M to 445M -

$$10 \times 30.0 \text{ M} \times 3.75 \text{ M} = 1125.00 \text{ M}^2$$

$$4 \times 30.0 \text{ M} \times 3.75 \text{ M} = 450.00 \text{ M}^2$$

$$1 \times 25.0 \text{ M} \times 3.75 \text{ M} = 93.75 \text{ M}^2$$

CH - 655M to 1760M -

$$1 \times 30.0 \text{ M} \times \frac{4.00 + 3.60}{2} \text{ M} = 114.00 \text{ M}^2$$

$$9 \times 30.0 \text{ M} \times 3.75 \text{ M} = 1012.50 \text{ M}^2$$

$$10 \times 30.0 \text{ M} \times 3.75 \text{ M} = 1125.00 \text{ M}^2$$

$$10 \times 30.0 \text{ M} \times 3.75 \text{ M} = 1125.00 \text{ M}^2$$

$$5 \times 30.0 \text{ M} \times 3.75 \text{ M} = 562.50 \text{ M}^2$$

$$1 \times 13.0 \text{ M} \times \frac{4.00 + 3.60}{2} \text{ M} = 49.40 \text{ M}^2$$

$$1 \times 12.0 \text{ M} \times 3.20 \text{ M} = 38.40 \text{ M}^2$$

$$1 \times 30.0 \text{ M} \times \frac{3.20 + 4.50}{2} \text{ M} = 108.00 \text{ M}^2$$

5803.55 M

Particulars	Details of actual measurement				Contents of area
	No.	L	B	H	
Curve -				$\frac{4.15 + 3.75}{2}$	5803.55 M^2
CH-0M-2x15.0M x 4.15				$\frac{4.15 + 3.75}{2}$	13.00 M^2
CH-390M-2x8.0M x 5.00				$\frac{5.00 + 3.75}{2}$	16.00 M^2
CH-855M-2x10.0M x 7.00				$\frac{7.00 + 3.75}{2}$	32.50 M^2
CH-1013M-2x9.0M x 4.80				$\frac{4.80 + 3.75}{2}$	9.45 M^2
					5870.50 M^2

(2) Providing and laying semi
dense bituminous concrete

- do do - T/S -

CH-0M to 445M -

$$10 \times 30.0 \text{ M} \times 3.75 \text{ M} \times 0.025 \text{ M} = 28.125 \text{ M}^3$$

$$4 \times 30.0 \text{ M} \times 3.75 \text{ M} \times 0.025 \text{ M} = 11.25 \text{ M}^3$$

$$1 \times 25.0 \text{ M} \times 3.75 \text{ M} \times 0.025 \text{ M} = 2.343 \text{ M}^3$$

CH-665M to 1760M -

$$1 \times 30.0 \text{ M} \times \frac{4.00 + 3.60}{2} \times 0.025 \text{ M} = 2.85 \text{ M}^3$$

$$9 \times 30.0 \text{ M} \times 3.75 \text{ M} \times 0.025 \text{ M} = 25.312 \text{ M}^3$$

$$10 \times 30.0 \text{ M} \times 3.75 \text{ M} \times 0.025 \text{ M} = 28.125 \text{ M}^3$$

$$10 \times 30.0 \text{ M} \times 3.75 \text{ M} \times 0.025 \text{ M} = 28.125 \text{ M}^3$$

$$5 \times 30.0 \text{ M} \times 3.75 \text{ M} \times 0.025 \text{ M} = 14.062 \text{ M}^3$$

$$1 \times 13.0 \text{ M} \times \frac{4.00 + 3.60}{2} \times 0.025 \text{ M} = 1.235 \text{ M}^3$$

$$1 \times 12.0 \text{ M} \times 3.20 \text{ M} \times 0.025 \text{ M} = 0.96 \text{ M}^3$$

$$1 \times 30.0 \text{ M} \times \frac{3.20 + 4.00}{2} \times 0.025 \text{ M} = 2.70 \text{ M}^3$$

$$\text{Curve - } 2 \times 15.0 \text{ M} \times \frac{4.75 + 3.75}{2} \times 0.025 \text{ M} = 0.375 \text{ M}^3$$

$$\text{CH-390M-2} \times 8.0 \text{ M} \times \frac{5.00 + 3.75}{2} \times 0.025 \text{ M} = 0.25 \text{ M}^3$$

$$\text{CH-855M-2} \times 10.0 \text{ M} \times \frac{7.00 + 3.75}{2} \times 0.025 \text{ M} = 0.812 \text{ M}^3$$

$$\text{CH-1013M-2} \times 9.0 \text{ M} \times \frac{4.80 + 3.75}{2} \times 0.025 \text{ M} = 0.236 \text{ M}^3$$

Continuation

146.76 M^3

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Reinforced Cement Concrete					
M 15 kiln burnt / Local					
Stone - do-do - T/S -					
(i) KM stone -				Qty - 3.00 Nos.	
(iii) 200mm stone -				Qty - 7.00 Nos.	
(4) Direction & place identification Sign - do-do - T/S -					
6x1.20m x 0.80m = 5.76 M ²					
(5) Construction of Subgrade & earthen shoulders with approved material - do-do - T/S -					
B.T. portion -					
2x14x30.0m x 0.60m x 0.30m = 151.20 M ³					
C.C. portion -					
2x6x30.0m x 0.35m x 0.60m = 75.60 M ³					
B.T. portion -					
2x5x30.0m x 0.40m x 0.45m = 54.00 M ³					
2x5x30.0m x 0.60m x 0.60m = 108.00 M ³					
2x15x30.0m x 0.90m x 0.45m = 364.50 M ³					
2x10x30.0m x 0.85m x 0.40m = 204.00 M ³					
					957.30 M ³
(6) Banding & boxing of retro reflectorised cautionary and mandating & information Sign - do-do - T/S -					
(i) 600mm equilateral triangle -					
Qty - 14.00 Nos					= 14.00 Nos.
(ii) 600mm circular -					
Qty - 2.00 Nos					= 2.00 Nos
(iii) 600mm x 450mm rectangular -					
Qty - 4.00 Nos					= 4.00 Nos

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
(1) Providing boundary pillar				
do do - T.L.				
Qty - 8.50 Nos				= 8.50 Nos
(2) Painting new lettered bigones in any shade				
do do - T.L.				
Qty - 352.0 Nos				= 352.0 Nos
(9) Planting of trees by the road sides do do - T.L.				
Qty - 2 x 76 Nos				= 152 Nos
(10) Half brick circular type guard do do - T.L.				
Qty - 2 x 76 Nos				= 152 Nos
(11) Painting two coats including primer coat do do - T.L.				
Qty vide T.M.B.P. (13) item (1) =				19.96 M ²
Add do do - P. (13) item (5) =				59.88 M ²
				79.84 M ²
(12) Providing and laying of hot applie of thermoplastic compound do do - T.L.				
(i) B.T. portion -				
2 x 10 x 30.0 M x 0.10 M				= 60.00 M ²
2 x 4 x 30.0 M x 0.10 M				= 24.00 M ²
2 x 1 x 25.0 M x 0.10 M				= 5.00 M ²
2 x 10 x 30.0 M x 0.10 M				= 60.00 M ²
2 x 10 x 30.0 M x 0.10 M				= 60.00 M ²

Continuation

209.00 M²

Particulars	Quantity of material (m³)	Unit	Rate	Amount
1. 100 x 30 x 10 cm	100	m³	100	10000
2. 100 x 30 x 10 cm	100	m³	100	10000
3. 100 x 30 x 10 cm	100	m³	100	10000
4. 100 x 30 x 10 cm	100	m³	100	10000
5. 100 x 30 x 10 cm	100	m³	100	10000
6. 100 x 30 x 10 cm	100	m³	100	10000
7. 100 x 30 x 10 cm	100	m³	100	10000
8. 100 x 30 x 10 cm	100	m³	100	10000
9. 100 x 30 x 10 cm	100	m³	100	10000
10. 100 x 30 x 10 cm	100	m³	100	10000
11. 100 x 30 x 10 cm	100	m³	100	10000
12. 100 x 30 x 10 cm	100	m³	100	10000
13. 100 x 30 x 10 cm	100	m³	100	10000
14. 100 x 30 x 10 cm	100	m³	100	10000
15. 100 x 30 x 10 cm	100	m³	100	10000
16. 100 x 30 x 10 cm	100	m³	100	10000
17. 100 x 30 x 10 cm	100	m³	100	10000
18. 100 x 30 x 10 cm	100	m³	100	10000
19. 100 x 30 x 10 cm	100	m³	100	10000
20. 100 x 30 x 10 cm	100	m³	100	10000
21. 100 x 30 x 10 cm	100	m³	100	10000
22. 100 x 30 x 10 cm	100	m³	100	10000
23. 100 x 30 x 10 cm	100	m³	100	10000
24. 100 x 30 x 10 cm	100	m³	100	10000
25. 100 x 30 x 10 cm	100	m³	100	10000
26. 100 x 30 x 10 cm	100	m³	100	10000
27. 100 x 30 x 10 cm	100	m³	100	10000
28. 100 x 30 x 10 cm	100	m³	100	10000
29. 100 x 30 x 10 cm	100	m³	100	10000
30. 100 x 30 x 10 cm	100	m³	100	10000
31. 100 x 30 x 10 cm	100	m³	100	10000
32. 100 x 30 x 10 cm	100	m³	100	10000
33. 100 x 30 x 10 cm	100	m³	100	10000
34. 100 x 30 x 10 cm	100	m³	100	10000
35. 100 x 30 x 10 cm	100	m³	100	10000
36. 100 x 30 x 10 cm	100	m³	100	10000
37. 100 x 30 x 10 cm	100	m³	100	10000
38. 100 x 30 x 10 cm	100	m³	100	10000
39. 100 x 30 x 10 cm	100	m³	100	10000
40. 100 x 30 x 10 cm	100	m³	100	10000
41. 100 x 30 x 10 cm	100	m³	100	10000
42. 100 x 30 x 10 cm	100	m³	100	10000
43. 100 x 30 x 10 cm	100	m³	100	10000
44. 100 x 30 x 10 cm	100	m³	100	10000
45. 100 x 30 x 10 cm	100	m³	100	10000
46. 100 x 30 x 10 cm	100	m³	100	10000
47. 100 x 30 x 10 cm	100	m³	100	10000
48. 100 x 30 x 10 cm	100	m³	100	10000
49. 100 x 30 x 10 cm	100	m³	100	10000
50. 100 x 30 x 10 cm	100	m³	100	10000
51. 100 x 30 x 10 cm	100	m³	100	10000
52. 100 x 30 x 10 cm	100	m³	100	10000
53. 100 x 30 x 10 cm	100	m³	100	10000
54. 100 x 30 x 10 cm	100	m³	100	10000
55. 100 x 30 x 10 cm	100	m³	100	10000
56. 100 x 30 x 10 cm	100	m³	100	10000
57. 100 x 30 x 10 cm	100	m³	100	10000
58. 100 x 30 x 10 cm	100	m³	100	10000
59. 100 x 30 x 10 cm	100	m³	100	10000
60. 100 x 30 x 10 cm	100	m³	100	10000
61. 100 x 30 x 10 cm	100	m³	100	10000
62. 100 x 30 x 10 cm	100	m³	100	10000
63. 100 x 30 x 10 cm	100	m³	100	10000
64. 100 x 30 x 10 cm	100	m³	100	10000
65. 100 x 30 x 10 cm	100	m³	100	10000
66. 100 x 30 x 10 cm	100	m³	100	10000
67. 100 x 30 x 10 cm	100	m³	100	10000
68. 100 x 30 x 10 cm	100	m³	100	10000
69. 100 x 30 x 10 cm	100	m³	100	10000
70. 100 x 30 x 10 cm	100	m³	100	10000
71. 100 x 30 x 10 cm	100	m³	100	10000
72. 100 x 30 x 10 cm	100	m³	100	10000
73. 100 x 30 x 10 cm	100	m³	100	10000
74. 100 x 30 x 10 cm	100	m³	100	10000
75. 100 x 30 x 10 cm	100	m³	100	10000
76. 100 x 30 x 10 cm	100	m³	100	10000
77. 100 x 30 x 10 cm	100	m³	100	10000
78. 100 x 30 x 10 cm	100	m³	100	10000
79. 100 x 30 x 10 cm	100	m³	100	10000
80. 100 x 30 x 10 cm	100	m³	100	10000
81. 100 x 30 x 10 cm	100	m³	100	10000
82. 100 x 30 x 10 cm	100	m³	100	10000
83. 100 x 30 x 10 cm	100	m³	100	10000
84. 100 x 30 x 10 cm	100	m³	100	10000
85. 100 x 30 x 10 cm	100	m³	100	10000
86. 100 x 30 x 10 cm	100	m³	100	10000
87. 100 x 30 x 10 cm	100	m³	100	10000
88. 100 x 30 x 10 cm	100	m³	100	10000
89. 100 x 30 x 10 cm	100	m³	100	10000
90. 100 x 30 x 10 cm	100	m³	100	10000
91. 100 x 30 x 10 cm	100	m³	100	10000
92. 100 x 30 x 10 cm	100	m³	100	10000
93. 100 x 30 x 10 cm	100	m³	100	10000
94. 100 x 30 x 10 cm	100	m³	100	10000
95. 100 x 30 x 10 cm	100	m³	100	10000
96. 100 x 30 x 10 cm	100	m³	100	10000
97. 100 x 30 x 10 cm	100	m³	100	10000
98. 100 x 30 x 10 cm	100	m³	100	10000
99. 100 x 30 x 10 cm	100	m³	100	10000
100. 100 x 30 x 10 cm	100	m³	100	10000

(1) Boarding & lining of

typical MR interlocking

City of board - do - do - 710

(2) Maintenance board (4) - 1.0 Mtr.

(4) - 1.0 Mtr.

1

29.9.23
J.E.

29.9.23
J.E.

Material statement

- (1) Earth - 257.30 M³
- (2) G.C.B. Mnd - 80.056 M³
- (3) Local Sand - 84.815 M³
- (4) Stone Mnd Lin II - 84.815 M³
- (5) Stone Mnd Lin III - 161.12 M³
- (6) Mndum - 5.61 M³
- (7) Stone Screening - 50.90 M³
- (8) Stone chips - 16.9.52 M³
- (9) Coarse Sand - 74.10 M³
- (10) B.C.C. - 36400 Nos.
- (11) Emulsion (S-1) - 1.509 MT
- (12) Emulsion (S-2) - 2.294 MT
- (13) B.Humen - 20.984 MT

29.9.23
J.E.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	I	II	III	
		Area	Cost		
(1) Laying of granular material					
1.00 m ² do do - TIS -					
0.25 Hect. vide T.M.B.P. (1)					
0.25 Hect. @ Rs 12,694.36 per Hect					Rs 2544.1
(2) Construction of Subgrade & earthwork shoulders with approved material do do - TIS -					
957.30 M ³ vide T.M.B.P. (16)					
957.30 M ³ @ Rs 260.00 per M ³					Rs 248898.0
(3) Construction of granular Sub base by providing well graded material cur II do do -					
as per TIS -					
104.24 M ³ vide T.M.B.P. (1)					
104.24 M ³ @ Rs 1718.38 per M ³					Rs 179124.00
(4) Providing, Laying, spreading & compacting stone aggregate WBM Gr-2 do do - TIS -					
70.145 M ³ vide T.M.B.P. (7)					
70.145 M ³ @ Rs 347.57 per M ³					Rs 239725.00
(5) Providing, Laying, spreading & compacting stone aggregate WBM Gr-2 do do - TIS -					
133.16 M ³ vide T.M.B.P. (2)					
133.16 M ³ @ Rs 3446.69 per M ³					Rs 458961.00
					Rs 1152152.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6/1) Boulding and applying primer coat with bitumen emulsion (SS-1) do do - TIS					R.R. R 1152152-00
1775.466 M ² - Vide T.M.B.P. (13)					
5870.50 M ² @ R 60.18 per M ² - P. (15)					R 106848-00
7645.966 M ² @ R 20.66 per M ² - P. (15)					R 157966-00
(7/8) Boulding patch work over WAM using Mix Seal surface of 20 mm thick do do - TIS					
1775.466 M ² - Vide T.M.B.P. (13)					
1775.466 M ² @ R 270.55 per M ² - P. (15)					R 480352-00
(8/9) Boulding & applying tack coat with bitumen emulsion (RS-1) do do - TIS					
1775.466 M ² - Vide T.M.B.P. (13)					
5870.50 M ² - do do - P. (15)					
7645.966 M ² @ R 20.66 per M ² - P. (15)					R 157966-00
(9/10) Boulding and laying semi dense bituminous concrete - do do - TIS					
146.76 M ³ - Vide T.M.B.P. (15)					
146.76 M ³ @ R 14080.86 per M ³ - P. (15)					R 2066507-00
(10/11) Construction of dry lean concrete sub base do do - TIS					
7.874 M ³ - Vide T.M.B.P. (4)					
7.874 M ³ @ R 4593.40 per M ³ - P. (15)					R 36168-00

Continuation

R 3999993-00

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(11) Construction of unimproved cement concrete pavement M30 - do - do - as per TIS - 127.226 M ² - vide T.M.B.P. 127.226 M ² @ Rs 8040.81 per m ² - Rs 10230000				B.F. No 39519930
(12) Reinforced Cement Concrete M15 Kilometer/Local stone - do - do - TIS - (ii) KM stone - 3.00 Nos - vide T.M.B.P. (16) 3.00 Nos @ Rs 2749.71 per no. - Rs 8249.20				
(iii) 200 M stone - 1.00 Nos - vide T.M.B.P. (16) 1.00 Nos @ Rs 793.71 per no. - Rs 5556.20				
(13) Protection & place identifi- cation signs - do - do - TIS - 5.76 M ² - vide T.M.B.P. (16) 5.76 M ² @ Rs 15482.30 per M ² - Rs 89178.00				
(14) Banding & lining of retro - reflectorised cautionary and mandatory & informing sign - do - do - TIS - (i) 600 mm equilateral & triangle 14.0 Nos - vide T.M.B.P. (16) 14.0 Nos @ Rs 4409.25 per no. - Rs 61729.5				
				<u>Rs 5187705.11</u>

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(i) 600mm square - R.F. -				Rs 5197705.00
2.0 Nos - Vide T.M.B.P. (16)				
2.0 Nos @ Rs 4416.94 per no.				Rs 8833.88
(ii) 600mm x 4.50mm rectangular.				
4.00 Nos - Vide T.M.B.P. (16)				
4.00 Nos @ Rs 4264.10 per no.				Rs 17056.40
(15/16) Providing boundary pillar				
- do do - TIS -				
8.00 Nos - Vide T.M.B.P. (17)				
8.00 Nos @ Rs 779.82 per no.				Rs 6238.56
(16/17) Painting row letters & figures of any shade - do -				
- do - as per TIS -				
352.00 Nos - Vide T.M.B.P. (17)				
352.00 Nos @ Rs 0.72 per no/per letter				Rs 253.44
(17/18) Planting of trees by the road side - do do - TIS -				
✓ 152.00 Nos - Vide T.M.B.P. (17)				
152.00 Nos @ Rs 1201.50 per no.				Rs 182628.00
(18/19) Half brick circular tree guard - do do - TIS -				
152.00 Nos - Vide T.M.B.P. (17)				
152.00 Nos @ Rs 2059.53 per no.				Rs 313049.76
(19/20) Providing and Laying of hot applied thermoplastic - do do - TIS -				
(i) B.T. portion -				
310.00 M ² - Vide T.M.B.P. (18)				
310.00 M ² @ Rs 825.75 per M ²				Rs 255982.50

Continuation

Rs 5971746.00

Sch. XLV Form No. 1		Details of actual work		Q.F. Rs
Particulars	No	L	B	
(20) C.C. Portion				
42.00M ² - vide T.M.B.P. (18)				
42.00M ² @ Rs 932.76 per M ²				R 39176-00
(21) Building Brick masonry				
typical MA in box masonry				
sign board - do - do - T/C -				
4.00 Nos - vide T.M.B.P. (4)				
1.00 No - do - do - P. (18)				
5.00 Nos @ Rs 11247.69 per No.				R 56238-00
(21) Building Brick masonry				
inc. M. (1:3) in parapet				
- do - do - T/C -				
2.88M ³ - vide T.M.B.P. (13)				
2.88M ³ @ Rs 6844.96 per M ³				R 19713-00
(22) Building plastering in				
C.M. (1:4) - do - do - T/C -				
19.96M ² - vide T.M.B.P. (13)				
19.96M ² @ Rs 212.84 per M ²				R 4248-00
(23) Plastering with C.M. (1:4)				
- do - do - T/C -				
59.88M ² - vide T.M.B.P. (13)				
59.88M ² @ Rs 212.84 per M ²				R 12745-00
(24) Painting two coats in-				
cluding primer coat - do -				
- do - T/C -				
79.84M ² - vide T.M.B.P. (17)				
79.84M ² @ Rs 127.28 per M ²				R 10162-00

Continuation

R 6114028-00

Particulars	Details of actual measurement				Contents of area
	No.	1	2	3	4
					114672-00
Add Cost @ 12%					110623-00
Add Labour Cost @ 1%					110611-00
Add Scaffolding Cost					110613-00
					11343249-00
ee 10% below on per Agre					1134325-00
					116608324-00

10/09/23	29-9-23	2-6-	Samudra	29/9/23	A.C.	3P	10/10/23
5% RD	Rs:-	330446=					
2% I.T	Rs:-	1321792=					
1% L&C	Rs:-	66089=					
1% CUST	Rs:-	66089=					1008544=
1% SUST	Rs:-	66089=					
Royalty	Rs:-	127966=					
S.fee	Rs:-	67556=					
Mis. & (Trn)	Rs:-	152130=					
Cheque	Rs:-	5600380=					
Gross	Rs:-	6608924=					
Passed for	Rs:-	6608924=					
(Sixty Six Lac. eight thousand Nine hundred twenty four Only)							

Executive Engineer
Rural Work Department
Work Division, Biharsahy
12/10/23
12/10/22