

Lst on Alc

1

Name of Work- M/R to road from NH31 to
 Situation of Work- Murgiyachak
 Agency by which work is executed- shri Ram Pd. Singh
 Date of Measurement- 14-2-23
 No. and date of agreement - MBD-02/2022-23
 Date of commencement - 22-06-23
 (These four lines should be repeated at the commencement
 of the measurement relating to each work)
 Date of Completion - 21-03-2023

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) clearing & grubbing road					
Land - do - do - as per TIS -					
10x30.0Mx1.00Mx2					= 600.00M ²
10x30.0Mx1.00Mx2					= 600.00M ²
7x30.0Mx1.00Mx2					= 420.00M ²
10x30.0Mx1.00Mx2					= 600.00M ²
10x30.0Mx1.00Mx2					= 600.00M ²
10x30.0Mx1.00Mx2					= 600.00M ²
8x30.0Mx1.00Mx2					= 480.00M ²
6x30.0Mx1.00Mx2					= 360.00M ²
5x30.0Mx1.00Mx2					= 300.00M ²
10x30.0Mx1.00Mx2					= 600.00M ²
10x30.0Mx1.00Mx2					= 600.00M ²
4x30.0Mx1.00Mx2					= 240.00M ²
7x30.0Mx1.00Mx2					= 420.00M ²
4x30.0Mx1.00Mx2					= 240.00M ²
1x5.0Mx1.00Mx2					= 10.00M ²
					6670.00M ²
					or 0.667 Hect.
(2) Scarifying existing bituminous surface -					
- do - do - as per TIS -					
10x30.0Mx3.75M					= 1125.00M ²
10x30.0Mx3.75M					= 1125.00M ²
7x30.0Mx3.75M					= 787.50M ²
					3037.50M ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F =	3037.50 M ²
10x 30.0 M x 3.75 M					= 1125.00 M ²
10x 30.0 M x 3.75 M					= 1125.00 M ²
10x 30.0 M x 3.75 M					= 1125.00 M ²
8x 30.0 M x 3.75 M					= 900.00 M ²
6x 30.0 M x 3.75 M					= 675.00 M ²
5x 30.0 M x 3.75 M					= 562.50 M ²
10x 30.0 M x 3.75 M					= 1125.00 M ²
10x 30.0 M x 3.75 M					= 1125.00 M ²
4x 30.0 M x 3.75 M					= 450.00 M ²
7x 30.0 M x 3.75 M					= 787.50 M ²
4x 30.0 M x 3.75 M					= 450.00 M ²
1x 5.0 M x 3.75 M					= 18.75 M ²
					12506.25 M ²

$$\text{Qty} - 12506.25 \text{ M}^2 \times \frac{25.15}{100} = 3145.32 \text{ M}^2$$

Limit to 3145.31 M²

(3) Box cutting - Excavation

for roadway in soil - do -

- do - as per T.S -

Both Sides -

$$10 \times 30.0 \text{ M} \times 0.875 \text{ M} \times 0.30 \text{ M} \times 2 = 157.50 \text{ M}^3$$

$$10 \times 30.0 \text{ M} \times 0.875 \text{ M} \times 0.30 \text{ M} \times 2 = 157.50 \text{ M}^3$$

$$7 \times 30.0 \text{ M} \times 0.875 \text{ M} \times 0.30 \text{ M} \times 2 = 110.25 \text{ M}^3$$

$$10 \times 30.0 \text{ M} \times 0.875 \text{ M} \times 0.30 \text{ M} \times 2 = 157.50 \text{ M}^3$$

$$10 \times 30.0 \text{ M} \times 0.875 \text{ M} \times 0.30 \text{ M} \times 2 = 157.50 \text{ M}^3$$

$$10 \times 30.0 \text{ M} \times 0.875 \text{ M} \times 0.30 \text{ M} \times 2 = 157.50 \text{ M}^3$$

$$8 \times 30.0 \text{ M} \times 0.875 \text{ M} \times 0.30 \text{ M} \times 2 = 126.00 \text{ M}^3$$

$$6 \times 30.0 \text{ M} \times 0.875 \text{ M} \times 0.30 \text{ M} \times 2 = 94.50 \text{ M}^3$$

$$5 \times 30.0 \text{ M} \times 0.875 \text{ M} \times 0.30 \text{ M} \times 2 = 78.75 \text{ M}^3$$

$$1197.00 \text{ M}^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F =	1197.10 M ³
10x30.0Mx0.875Mx0.30Mx2					157.50 M ³
10x30.0Mx0.875Mx0.30Mx2					157.50 M ³
4x30.0Mx0.875Mx0.30Mx2					63.00 M ³
7x30.0Mx0.875Mx0.30Mx2					110.25 M ³
4x30.0Mx0.875Mx0.30Mx2					63.00 M ³
1x5.0Mx0.875Mx0.30Mx2					2.625 M ³
					1750.875 M ³
				Limit to	1735.3 M ³

(4) Construction of granular

Sub base by providing well

spreaded material du elo-

as per TIS -

In widening - Both sides

10x30.0Mx0.875Mx0.20Mx2					105.00 M ³
10x30.0Mx0.875Mx0.20Mx2					105.00 M ³
7x30.0Mx0.875Mx0.20Mx2					73.50 M ³
10x30.0Mx0.875Mx0.20Mx2					105.00 M ³
10x30.0Mx0.875Mx0.30Mx2					105.00 M ³
10x30.0Mx0.875Mx0.20Mx2					105.00 M ³
8x30.0Mx0.875Mx0.20Mx2					84.00 M ³
6x30.0Mx0.875Mx0.20Mx2					63.00 M ³
5x30.0Mx0.875Mx0.20Mx2					52.50 M ³
10x30.0Mx0.875Mx0.20Mx2					105.00 M ³
10x30.0Mx0.875Mx0.20Mx2					105.00 M ³
4x30.0Mx0.875Mx0.20Mx2					42.00 M ³
7x30.0Mx0.875Mx0.20Mx2					73.50 M ³
4x30.0Mx0.875Mx0.20Mx2					42.00 M ³
1x5.0Mx0.875Mx0.20Mx2					1.75 M ³
					1167.25 M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
By patch notes -					R.F. 1/1167.25 M ³
194 x 0.30 M x 0.30 M x 0.10 M					1.746 M ³
10 x 0.30 M x 0.45 M x 0.130 M					0.176 M ³
8 x 0.450 M x 0.450 M x 0.130 M					0.211 M ³
24 x 0.580 M x 0.400 M x 0.140 M					0.785 M ³
16 x 0.60 M x 0.55 M x 0.120 M					0.634 M ³
9 x 0.70 M x 0.60 M x 0.140 M					0.529 M ³
24 x 0.80 M x 0.50 M x 0.130 M					1.248 M ³
9 x 0.80 M x 0.70 M x 0.140 M					0.314 M ³
8 x 0.90 M x 0.60 M x 0.130 M					0.562 M ³
12 x 0.90 M x 0.80 M x 0.140 M					1.210 M ³
5 x 1.05 M x 0.50 M x 0.130 M					0.341 M ³
16 x 1.05 M x 0.70 M x 0.140 M					1.646 M ³
18 x 1.05 M x 0.80 M x 0.120 M					1.814 M ³
12 x 1.20 M x 0.90 M x 0.140 M					1.814 M ³
8 x 1.20 M x 0.80 M x 0.150 M					1.152 M ³
CH-500 M to 1000 M -					
41 x 0.30 M x 0.30 M x 0.100 M					0.369 M ³
48 x 0.30 M x 0.45 M x 0.130 M					0.842 M ³
32 x 0.45 M x 0.45 M x 0.130 M					0.842 M ³
36 x 0.58 M x 0.40 M x 0.140 M					3.118 M ³
63 x 0.60 M x 0.55 M x 0.120 M					2.574 M ³
65 x 0.70 M x 0.60 M x 0.140 M					3.822 M ³
110 x 0.80 M x 0.50 M x 0.130 M					5.720 M ³
16 x 0.80 M x 0.70 M x 0.140 M					1.254 M ³
32 x 0.90 M x 0.60 M x 0.130 M					2.246 M ³
48 x 0.90 M x 0.80 M x 0.140 M					4.838 M ³
16 x 1.05 M x 0.50 M x 0.130 M					1.092 M ³
					1208.144 M ³
					1499.211 M ³
					1208.144 M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$R.C. Qty = 12.08.144 M^3$
	81	1.05 M	0.70 M	0.140 M	$= 8.335 M^3$
	97	1.05 M	0.80 M	0.120 M	$= 9.778 M^3$
	48	1.20 M	0.90 M	0.140 M	$= 7.258 M^3$
	32	1.20 M	0.80 M	0.150 M	$= 4.608 M^3$
	CH - 1000 M to 1500 M -				
	34	0.30 M	0.30 M	0.100 M	$= 0.306 M^3$
	45	0.30 M	0.45 M	0.130 M	$= 0.790 M^3$
	30	0.45 M	0.45 M	0.130 M	$= 0.790 M^3$
	91	0.58 M	0.40 M	0.140 M	$= 2.956 M^3$
	61	0.60 M	0.55 M	0.120 M	$= 2.416 M^3$
	61	0.70 M	0.60 M	0.140 M	$= 3.587 M^3$
	103	0.80 M	0.50 M	0.130 M	$= 5.356 M^3$
	15	0.80 M	0.70 M	0.140 M	$= 1.176 M^3$
	30	0.90 M	0.60 M	0.130 M	$= 2.106 M^3$
	45	0.90 M	0.80 M	0.140 M	$= 4.536 M^3$
	15	1.05 M	0.50 M	0.130 M	$= 1.024 M^3$
	76	1.05 M	0.70 M	0.140 M	$= 7.820 M^3$
	91	1.05 M	0.80 M	0.120 M	$= 9.173 M^3$
	45	1.20 M	0.90 M	0.140 M	$= 6.804 M^3$
	30	1.20 M	0.80 M	0.150 M	$= 4.320 M^3$
	CH - 1500 M to 2000 M -				
	12	0.30 M	0.30 M	0.100 M	$= 0.108 M^3$
	52	0.30 M	0.45 M	0.130 M	$= 0.918 M^3$
	34	0.45 M	0.45 M	0.130 M	$= 0.895 M^3$
	103	0.58 M	0.40 M	0.140 M	$= 3.345 M^3$
	69	0.60 M	0.55 M	0.120 M	$= 2.732 M^3$
	69	0.70 M	0.60 M	0.140 M	$= 4.057 M^3$
	117	0.80 M	0.50 M	0.130 M	$= 6.084 M^3$
	17	0.80 M	0.70 M	0.140 M	$= 1.333 M^3$
					$1310.75 M^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				at CH =	1310.75 M ³
	34	0.90M	0.60M	0.130M	= 2.287 M ³
	52	0.90M	0.80M	0.140M	= 5.242 M ³
	17	1.05M	0.50M	0.130M	= 1.160 M ³
	86	1.05M	0.70M	0.140M	= 8.849 M ³
	103	1.05M	0.80M	0.120M	= 10.382 M ³
	52	1.20M	0.90M	0.140M	= 7.862 M ³
	34	1.20M	0.80M	0.150M	= 4.896 M ³
CH-2000M to 2500M -					
	19	0.30M	0.30M	0.100M	= 0.171 M ³
	55	0.30M	0.45M	0.130M	= 0.965 M ³
	35	0.45M	0.45M	0.130M	= 0.921 M ³
	109	0.58M	0.40M	0.140M	= 3.540 M ³
	73	0.60M	0.55M	0.120M	= 2.891 M ³
	73	0.70M	0.60M	0.140M	= 4.292 M ³
	124	0.80M	0.50M	0.130M	= 6.448 M ³
	18	0.80M	0.70M	0.140M	= 1.411 M ³
	55	0.90M	0.80M	0.140M	= 5.544 M ³
	18	1.05M	0.50M	0.130M	= 1.229 M ³
	91	1.05M	0.70M	0.140M	= 9.364 M ³
	55	1.20M	0.90M	0.140M	= 8.316 M ³
	36	1.20M	0.80M	0.150M	= 5.184 M ³
CH-2500M to 3000M -					
	27	0.30M	0.30M	0.100M	= 0.243 M ³
	55	0.30M	0.45M	0.130M	= 0.965 M ³
	36	0.45M	0.45M	0.130M	= 0.948 M ³
	109	0.58M	0.40M	0.140M	= 3.540 M ³
	73	0.60M	0.55M	0.120M	= 2.891 M ³
	73	0.70M	0.60M	0.140M	= 4.292 M ³
	124	0.80M	0.50M	0.130M	= 6.448 M ³
					1421.131 M ³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. $274 = 1421.31M^3$	
18X	0.80M	0.70M	0.140M		$1.411M^3$
36X	0.90M	0.60M	0.130M		$2.527M^3$
54X	0.90M	0.80M	0.140M		$5.443M^3$
18X	1.05M	0.50M	0.130M		$1.228M^3$
91X	1.05M	0.70M	0.140M		$9.364M^3$
55X	1.20M	0.90M	0.140M		$8.316M^3$
36X	1.20M	0.80M	0.150M		$5.184M^3$
CH-3000M to 3355M					
41X	0.30M	0.30M	0.100M		$0.036M^3$
39X	0.30M	0.45M	0.130M		$0.684M^3$
26X	0.45M	0.45M	0.130M		$0.684M^3$
77X	0.58M	0.40M	0.140M		$2.501M^3$
52X	0.60M	0.55M	0.120M		$2.059M^3$
52X	0.70M	0.60M	0.140M		$3.058M^3$
87X	0.80M	0.50M	0.130M		$4.524M^3$
13X	0.80M	0.70M	0.140M		$1.019M^3$
26X	0.90M	0.60M	0.130M		$1.825M^3$
38X	0.90M	0.80M	0.140M		$3.830M^3$
13X	1.050M	0.50M	0.130M		$0.887M^3$
65X	1.05M	0.70M	0.140M		$6.689M^3$
77X	1.05M	0.80M	0.120M		$7.762M^3$
39X	1.20M	0.90M	0.140M		$5.897M^3$
26X	1.20M	0.80M	0.150M		$3.744M^3$
curve —					
CH-0M-2X30.0M	$\frac{1.00+5.50}{2}$	$5.50M$	$0.15M$		$6.750M^3$
CH-370M-2X25.0M	$\frac{5.50+5.80+5.50}{3}$	$5.50M$	$0.15M$		$0.750M^3$
CH-450M-3X30.0M	$\frac{5.50+7.20+5.50}{3}$	$5.50M$	$0.15M$		$7.644M^3$
CH-1185M-2X20.0M	$\frac{5.50+6.30+5.50}{3}$	$5.50M$	$0.15M$		$1.596M^3$
CH-1928M-2X25.0M	$\frac{5.50+5.80+5.50}{3}$	$5.50M$	$0.15M$		$0.750M^3$
					1517.294M

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH-2150M-2x30.0M		$\frac{5.50+6.40+5.50}{3}$	R.F. Qty = 1517.294M		
			$5.50 \times 10.15M = 2.108M$		
CH-2320M-2x30.0M		$\frac{5.50+6.60+5.50}{3}$	$5.50 \times 10.15M = 3.294M$		
CH-2513M-2x25.0M		$\frac{5.50+8.00+5.50}{3}$	$5.50 \times 10.15M = 6.240M$		
CH-3290M-2x30.0M		$\frac{5.50+11.30}{2}$	$5.50 \times 10.15M = 26.108M$		
					1555.628M ²
R.C.C. slab culvert-2x3.00Mx3.20M					
(5) Earth work in excavation					
do-bound ^a trenches-do-do-TLS					
Abut-2x9.770Mx3.20Mx1.60M					100.044M ³
Pier-1x9.400Mx1.90Mx1.60M					28.576M ³
R/Wall-4x2.20Mx2.852Mx1.60M					40.156M ³
F/U/D-2x7.50Mx1.125Mx0.25M					4.218M ³
					172.994M ³
Extra for Slope-1x172.994M ³ x $\frac{10}{100}$					17.300M ³
					207.594M ³
					190.294M ³
(6) Rev. M15 P.C.C. M15 as					
levelling course in bound ^a					
do-do-as per TLS					
Abut-2x9.770Mx3.20Mx0.20M					12.505M ³
Pier-1x9.400Mx1.90Mx0.20M					3.572M ³
R/W-4x2.20Mx2.852Mx0.20M					5.019M ³
					21.096M ³
(7) Batching brick masonry					
work in C.M. (1:1:4) in					
bound ^a do-do-as per					
T/S-					

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
Abut - $2 \times 9.670 \text{ M} \times \frac{8.270 + 3.00 + 2.40}{2} \times 1.40 \text{ M} = 67.81 \text{ M}^2$	2				
Pier - $1 \times 7.50 \text{ M} \times \frac{1.19 \text{ M} + 1.05 \text{ M}}{2} \times 1.40 \text{ M} = 11.76 \text{ M}^2$					
Semicircular - $2 \times \frac{1}{2} \times \frac{1}{4} \times (1.120 \text{ M})^2 \times 1.40 \text{ M} = 1.23 \text{ M}^2$					
R/W - $4 \times \frac{2.00 + 11.60}{2} \times \frac{2.652 + 2.052}{2} \times 1.40 \text{ M} = 23.70 \text{ M}^2$					
					104.50 M ²
(8) Reinforcing Brick masonry					
work in C.M. (1:4) for substructure					
do do do for T/S -					
Abut - $2 \times 7.50 \text{ M} \times \frac{2.20 + 0.70}{2} \times 3.00 \text{ M} = 65.25 \text{ M}^3$					
Pier - $1 \times 7.50 \text{ M} \times \frac{1.05 + 0.75}{2} \times 3.00 \text{ M} = 20.25 \text{ M}^3$					
Semicir - $2 \times \frac{1}{2} \times \frac{1}{4} \times (0.90 \text{ M})^2 \times 3.00 \text{ M} = 1.90 \text{ M}^3$					
R/W - $4 \times \frac{1.50 + 2.60}{2} \times \frac{1.80 + 0.40}{2} \times 3.35 \text{ M} = 30.93 \text{ M}^3$					
					118.33 M ³
					Limit to 118.09 M ³
(9) Supplying bitting & placing					
HxSD bars reinforcement for					
S/S - do do do for T/S -					
12 MM ϕ 20 cl					
Abut Cap - $2 \times 8 \text{ Nos} \times 7.45 \text{ M} = 119.20 \text{ M}$					
Pier - $1 \times 8 \text{ Nos} \times 7.45 \text{ M} = 59.60 \text{ M}$					
Semi Cir - $2 \times 2 \text{ Nos} \times 0.40 \text{ M} = 1.60 \text{ M}$					
Dist wall - $2 \times 1 \text{ Nos} \times 7.45 \text{ M} = 59.60 \text{ M}$					
					240.00 M
					0.888 kg/M $\times$ 240.00 M = 213 M
10 MM ϕ 20 cl					
Ring - $2 \times 38 \text{ Nos} \times 2.40 \text{ M} = 182.40 \text{ M}$					
					1 x 4 Nos $\times$ 1.90 M = 83.60 M
					266.00 M
					0.62 kg/M $\times$ 266.00 M = 165 MT
					0.378 MT

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Adol wastage - 0.378 MTX				A.F. Qty - 0.378 MT	
				$\frac{2}{100} = 0.007 \text{ MT}$	
					0.385 MT
(10) Boulding & binding of					
typical interlocking Slab					
board - do - do - T.C. -					
Qty - 3.0 Nos					= 3.0 Nos
1					
14-2-23				15/2/23	
J.E.				MC	

Contd.

Date of measurement - 21-2-23

(1) Boulding Laying spreading
& Compacting WBM Gr - 2
- do - do - T.C. -

Widening -

$$10 \times 30.0 \text{ M} \times 0.875 \text{ M} \times 0.075 \text{ M} \times 2 = 39.375 \text{ M}^3$$

$$10 \times 30.0 \text{ M} \times 0.875 \text{ M} \times 0.075 \text{ M} \times 2 = 39.375 \text{ M}^3$$

$$7 \times 30.0 \text{ M} \times 0.875 \text{ M} \times 0.075 \text{ M} \times 2 = 27.562 \text{ M}^3$$

$$10 \times 30.0 \text{ M} \times 0.875 \text{ M} \times 0.075 \text{ M} \times 2 = 39.375 \text{ M}^3$$

$$10 \times 30.0 \text{ M} \times 0.875 \text{ M} \times 0.075 \text{ M} \times 2 = 39.375 \text{ M}^3$$

$$10 \times 30.0 \text{ M} \times 0.875 \text{ M} \times 0.075 \text{ M} \times 2 = 39.375 \text{ M}^3$$

$$8 \times 30.0 \text{ M} \times 0.875 \text{ M} \times 0.075 \text{ M} \times 2 = 31.500 \text{ M}^3$$

$$6 \times 30.0 \text{ M} \times 0.875 \text{ M} \times 0.075 \text{ M} \times 2 = 23.625 \text{ M}^3$$

$$279.562 \text{ M}^3$$

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
57 30.0M x 0.875M x 0.075M x 2				27.5625 M ³
10 30.0M x 0.875M x 0.075M x 2				39.375 M ³
10 30.0M x 0.875M x 0.075M x 2				39.375 M ³
1 30.0M x 0.875M x 0.075M x 2				15.75 M ³
7 30.0M x 0.875M x 0.075M x 2				27.5625 M ³
4 30.0M x 0.875M x 0.075M x 2				15.75 M ³
1 5.0M x 0.875M x 0.075M x 2				0.656 M ³
In patch pots -				
CH - 0M to 500M -				
208 x 0.320M x 0.470M x 0.075M				1.597 M ³
53 x 0.320M x 0.470M x 0.075M				0.598 M ³
52 x 0.470M x 0.470M x 0.075M				1.027 M ³
57 x 0.600M x 0.420M x 0.075M				1.077 M ³
59 x 0.620M x 0.570M x 0.075M				1.564 M ³
59 x 0.720M x 0.620M x 0.075M				1.975 M ³
24 x 0.820M x 0.520M x 0.075M				0.762 M ³
4 x 0.820M x 0.720M x 0.075M				0.177 M ³
8 x 0.920M x 0.620M x 0.075M				0.342 M ³
12 x 0.920M x 0.820M x 0.075M				0.679 M ³
5 x 1.070M x 0.520M x 0.075M				0.209 M ³
16 x 1.070M x 0.720M x 0.075M				0.924 M ³
18 x 1.070M x 0.820M x 0.075M				1.184 M ³
12 x 1.220M x 0.920M x 0.075M				1.010 M ³
8 x 1.220M x 0.820M x 0.075M				0.600 M ³
CH - 500M to 1000M -				
55 x 0.320M x 0.320M x 0.075M				0.422 M ³
91 x 0.320M x 0.470M x 0.075M				1.026 M ³
86 x 0.470M x 0.470M x 0.075M				1.425 M ³
129 x 0.600M x 0.420M x 0.075M				2.438 M ³
				456.759 M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
108 x 0.620 M x 0.570 M x 0.075 M					$4.56.75 M^3$
115 x 0.720 M x 0.620 M x 0.075 M					$2.863 M^3$
110 x 0.820 M x 0.520 M x 0.075 M					$3.850 M^3$
16 x 0.820 M x 0.720 M x 0.075 M					$3.518 M^3$
32 x 0.920 M x 0.620 M x 0.075 M					$0.708 M^3$
48 x 0.920 M x 0.820 M x 0.075 M					$1.369 M^3$
16 x 1.070 M x 0.520 M x 0.075 M					$2.716 M^3$
81 x 1.070 M x 0.720 M x 0.075 M					$0.668 M^3$
97 x 1.070 M x 0.820 M x 0.075 M					$4.680 M^3$
48 x 1.220 M x 0.920 M x 0.075 M					$6.383 M^3$
32 x 1.220 M x 0.820 M x 0.075 M					$4.041 M^3$
CH-1000 M to 1500 M -					$2.401 M^3$
48 x 0.320 M x 0.320 M x 0.075 M					$0.369 M^3$
88 x 0.320 M x 0.470 M x 0.075 M					$0.323 M^3$
84 x 0.470 M x 0.470 M x 0.075 M					$1.392 M^3$
124 x 0.600 M x 0.420 M x 0.075 M					$2.344 M^3$
104 x 0.620 M x 0.570 M x 0.075 M					$2.757 M^3$
111 x 0.720 M x 0.620 M x 0.075 M					$3.716 M^3$
103 x 0.820 M x 0.520 M x 0.075 M					$3.294 M^3$
15 x 0.820 M x 0.720 M x 0.075 M					$0.664 M^3$
30 x 0.920 M x 0.620 M x 0.075 M					$1.283 M^3$
45 x 0.920 M x 0.820 M x 0.075 M					$2.546 M^3$
15 x 1.070 M x 0.520 M x 0.075 M					$0.626 M^3$
76 x 1.070 M x 0.720 M x 0.075 M					$4.391 M^3$
91 x 1.070 M x 0.820 M x 0.075 M					$5.988 M^3$
45 x 1.220 M x 0.920 M x 0.075 M					$3.788 M^3$
30 x 1.220 M x 0.820 M x 0.075 M					$2.251 M^3$
					$526.358 M^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH-1500M to 2400M -				0.075M	2526.358M ³
26x0.320Mx0.320Mx0.075M					0.200M ³
95x0.320Mx0.470Mx0.075M					1.072M ³
88x0.470Mx0.470Mx0.075M					1.458M ³
136x0.600Mx0.420Mx0.075M					2.570M ³
112x0.620Mx0.570Mx0.075M					2.969M ³
119x0.720Mx0.620Mx0.075M					3.984M ³
117x0.820Mx0.520Mx0.075M					3.742M ³
17x0.820Mx0.720Mx0.075M					0.753M ³
34x0.920Mx0.620Mx0.075M					1.455M ³
52x0.920Mx0.820Mx0.075M					2.942M ³
17x1.070Mx0.520Mx0.075M					0.709M ³
86x1.070Mx0.720Mx0.075M					4.969M ³
103x1.070Mx0.820Mx0.075M					6.778M ³
52x1.220Mx0.920Mx0.075M					4.377M ³
34x1.220Mx0.820Mx0.075M					2.551M ³
CH-2000M to 2500M -					0.253M ³
33x0.320Mx0.320Mx0.075M					
98x0.320Mx0.470Mx0.075M					1.105M ³
89x0.470Mx0.470Mx0.075M					1.475M ³
142x0.600Mx0.420Mx0.075M					2.684M ³
116x0.620Mx0.570Mx0.075M					3.075M ³
123x0.720Mx0.620Mx0.075M					4.118M ³
124x0.820Mx0.520Mx0.075M					3.966M ³
18x0.820Mx0.720Mx0.075M					0.797M ³
55x0.920Mx0.820Mx0.075M					3.112M ³
18x1.070Mx0.520Mx0.075M					0.751M ³
91x1.070Mx0.720Mx0.075M					5.258M ³
55x1.220Mx0.920Mx0.075M					4.630M ³
36x1.220Mx0.820Mx0.075M					2.701M ³

Continuation

600.812M³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F. $\text{Qty} = 600.912 \text{ M}^3$		
CH-2500M to 3000M -					
41 x 0.320M x 0.320M x 0.075M					$= 0.315 \text{ M}^3$
98 x 0.320M x 0.470M x 0.075M					$= 1.105 \text{ M}^3$
90 x 0.470M x 0.470M x 0.075M					$= 1.491 \text{ M}^3$
142 x 0.600M x 0.420M x 0.075M					$= 2.684 \text{ M}^3$
116 x 0.620M x 0.570M x 0.075M					$= 3.075 \text{ M}^3$
123 x 0.720M x 0.620M x 0.075M					$= 4.118 \text{ M}^3$
124 x 0.820M x 0.520M x 0.075M					$= 3.966 \text{ M}^3$
18 x 0.820M x 0.720M x 0.075M					$= 0.797 \text{ M}^3$
36 x 0.920M x 0.620M x 0.075M					$= 1.540 \text{ M}^3$
54 x 0.920M x 0.820M x 0.075M					$= 3.055 \text{ M}^3$
18 x 1.070M x 0.520M x 0.075M					$= 0.751 \text{ M}^3$
91 x 1.070M x 0.720M x 0.075M					$= 5.258 \text{ M}^3$

55 x 1.220M x 0.920M x 0.075M					$= 4.630 \text{ M}^3$
36 x 1.220M x 0.820M x 0.075M					$= 2.701 \text{ M}^3$
CH-3000M to 3355M -					
14 x 0.320M x 0.320M x 0.075M					$= 0.108 \text{ M}^3$
69 x 0.320M x 0.470M x 0.075M					$= 0.778 \text{ M}^3$
65 x 0.470M x 0.470M x 0.075M					$= 1.077 \text{ M}^3$
100 x 0.600M x 0.420M x 0.075M					$= 1.890 \text{ M}^3$
82 x 0.620M x 0.570M x 0.075M					$= 2.173 \text{ M}^3$
87 x 0.720M x 0.620M x 0.075M					$= 2.913 \text{ M}^3$
87 x 0.820M x 0.520M x 0.075M					$= 2.782 \text{ M}^3$
13 x 0.820M x 0.720M x 0.075M					$= 0.576 \text{ M}^3$
26 x 0.920M x 0.620M x 0.075M					$= 1.112 \text{ M}^3$
38 x 0.920M x 0.820M x 0.075M					$= 2.150 \text{ M}^3$
13 x 1.070M x 0.520M x 0.075M					$= 0.542 \text{ M}^3$
65 x 1.070M x 0.720M x 0.075M					$= 3.756 \text{ M}^3$
77 x 1.070M x 0.820M x 0.075M					$= 5.067 \text{ M}^3$

Continuation

661.222 M³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Abstract ab cost				
(1) clearing & grubbing road					
Land do do - TLS -					
0.667 Ha - Vide T.M.B.P. (1)					
0.667 Ha @ Rs 58709.27 per Ha -					Rs 39159.00
(2) Box cutting-Excavation					
for roadway in soil - do -					
- do - TLS -					
1735.13 M ² - Vide T.M.B.P. (3)					
1735.13 M ² @ Rs 14.94 per M ² -					Rs 251490.00
(3) Scarifying Existing bituminous surface - do do - TLS -					
3145.31 M ² - Vide T.M.B.P. (2)					
3145.31 M ² @ Rs 18.51 per M ² -					Rs 58220.00
(4) Construction of embankment with material obtained from borrow pits - do do - lead 1000 M -					
20328.308 M ³ - Vide T.M.B.P. (38)					
20328.308 M ³ @ Rs 237.78 per M ³ -					Rs 4833665.00
(5) Construction of granular Sub base by providing coarse graded material grading II - do - do - as per TLS -					
1555.628 M ³ - Vide T.M.B.P. (8)					
1555.628 M ³ @ Rs 1740.42 per M ³ -					Rs 2707446.00
					Rs 7889980.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6/6) Providing laying, spreading & compacting WAM Gr-2 do - do - on per T/S -				B.P. 15	7389980=
691.97M ² Vide T.M.B.P. (15)					
691.97M ² @ Rs 3733.58 per M ²					Rs 2583525=
(7/4) Providing, laying, spreading & compacting WAM Gr-3 do - do - on per T/S -					
776.548M ² Vide T.M.B.P. (22)					
1403.599M ² do do - P. (23)					
2180.147M ² @ Rs 3679.75 per M ²					Rs 8022396=
(8/8) Providing & applying primer coat with bitumen emulsion					
(SS-1) do do - T/S -					
18728.57M ² Vide T.M.B.P. (26)					
18728.57M ² @ Rs 55.75 per M ²					Rs 1044118=
(9/5) Providing & applying tack coat with bitumen emulsion					
(RS-1) do do - over WAM Gr-3					
do do - on per T/S -					
18714.82M ² Vide T.M.B.P. (27)					
18714.82M ² @ Rs 15.83 per M ²					Rs 296256=
(10/10) Providing & applying tack coat with bitumen emulsion (RS-1)					
do do - over bituminous surface					
do do - T/S -					
18714.82M ² Vide T.M.B.P. (29)					355207=
18714.82M ² @ Rs 18.98 per M ²					Rs 354084=

Rs 20190359=

Continuation

2,09,14,82=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11/11) Providing & Laying bituminous macadam - do - do - T/S -			B.F. R		20190359=00
935.741M ³ - Vide T.M.B.P. (28)					
935.741M ³ @ R 10231.21 per M ³					R 9573763=00
(12/12) Providing & Laying bituminous Semidense concrete - do -					
- do - as per T/S -					
467.867M ³ - Vide T.M.B.P. (30)					
467.867M ³ @ R 12212.54 per M ³					R 5713844=00
(13/14) Providing boundary pillars					
1 Local stone - do - do - T/S -					
120.00 Nos - Vide T.M.B.P. (32)					
120.00 Nos @ R 565.44 per no.					R 67853=00
(14/15) Providing 1KM stone - do -					
- do - T/S -					
4.0 Nos - Vide T.M.B.P. (33)					
4.0 Nos @ R 2583.63 per no.					R 10355=00
(15/16) Providing 200M Stone - do -					
- do - T/S -					
14.0 Nos - Vide T.M.B.P. (33)					
14.0 Nos @ R 738.09 per no.					R 10333=00
(16/17) Prov. & fixing of 600 mm triangular board - do - do - T/S -					
20.0 Nos - Vide T.M.B.P. (33)					
20.0 Nos @ R 4102.21 per no.					R 82044=00
(17/18) Prov. & fixing of 600 mm circular board - do - do - T/S -					
20.0 Nos - Vide T.M.B.P. (33)					
20.0 Nos @ R 5426.86 per no.					R 108537=00

Continuation

R 35757088=00
35758211=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18/19) Rev. & binding do 800 MM x 600 MM rectangular - do - do - T/S -				R. F. R.	Rs 957088-00
12.0 Nos - Vide T.M.B.P. (33)					
12.0 Nos @ Rs 7481.65 per no.					Rs 897180-00
(19/20) Rev. & binding do 600 MM x 450 MM rectangular - do - do - T/S -					
12.0 Nos - Vide T.M.B.P. (33)					
12.0 Nos @ Rs 5291.27 per no.					Rs 63495-00
(20/21) Binding 500 MM side octagon - do - do - T/S -					
1.0 No. - Vide T.M.B.P. (33)					
1.0 No. @ Rs 9484.28 per no.					Rs 9484-00
(21/22) Rev. & binding direction & place identification signs - do - do - T/S -					
2.00 M ² - Vide T.M.B.P. (33)					
2.00 M ² @ Rs 13165.67 per sqm					Rs 26331-00
(22/23) Road marking with hot applied - do - do - T/S -					
1020.25 M ² - Vide T.M.B.P. (34)					
1020.25 M ² @ Rs 26.80 per M ²					Rs 639493-00
(23/24) Planting do trees by the road sides - do - do - T/S -					
336.0 Nos - Vide T.M.B.P. (34)					
336.0 Nos @ Rs 1005.73 per no.					Rs 337925-00

Continuation

Rs 36923596-00
369247192

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24/25) Boulding & bixing of typical inbormatory sign board - do - T/S -				R.F. Rs	36922.596
3.0 Nos - Vide T.M.B.P. (10)					
1.0 Nos - do - do - P. (34)					
4.0 Nos - @ Rs 10578.11 per m ² -					Rs 43512.00
(25/26) Block masonry in c.m. (1:3) in parapet - do - T/S -					
2.88 M ³ - Vide T.M.B.P. (31)					
2.88 M ³ - @ Rs 6092.99 per M ³ -					Rs 17548.00
(26/27) Boulding P.C.C. M20 - do - do - on per T/S -					
12.00 M - Vide T.M.B.P. (31)					
12.00 M - @ Rs 448.61 per M -					Rs 5383.00
(27/28) Plastering with c.m. (1:4) - do - do - T/S -					
20.16 M ² - Vide T.M.B.P. (31)					
20.16 M ² - @ Rs 163.74 per M ² -					Rs 3301.00
(28/29) Painting two coats on new surface - do - do - T/S -					
20.16 M ² - Vide T.M.B.P. (31)					
20.16 M ² - @ Rs 110.60 per M ² -					Rs 2230.00
(29/30) Block masonry work in c.m. (1:3) in parapet - do - do - on per T/S -					
0.21 M ³ - Vide T.M.B.P. (31)					1280 =
0.21 M ³ - @ Rs 6092.99 per M ³ -					Rs 1286.00

Continuation

Rs 36996856
36997973-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(30/31) Plastering with c.m. (1:4)				P.F. B.	36996856=00
-do-do- on per T/S-					
105.36M ² - Vide T.M.B.P. (32)					
105.36M ² @ Rs 163.74 per M ²					Rs 17252=00
(31/32) Painting two coats including primer coat -do-do- T/S-					
105.515M ² - Vide T.M.B.P. (32)					
105.515M ² @ Rs 110.60 per M ²					Rs 11670=00
(32/34) Bar. weep holes -do-do- T/S -					
42.04M ³ - Vide T.M.B.P. (32)					
42.04M ³ @ Rs 135.38 per m ³					Rs 5686=00
(33/35) Earth work in excavation for structure -do-do- T/S -					
12.48M ³ - Vide T.M.B.P. (24)					
12.48M ³ @ Rs 338.37 per M ³					Rs 4223=00
(34/36) Bar. Sand filling in bound ^d trenches -do-do- T/S -					
0.78M ³ - Vide T.M.B.P. (24)					
0.78M ³ @ Rs 539.91 per M ³					Rs 421=00
(35/37) Bar. P.C.C. M15 on levelling course in bound ^d -do-do- T/S -					
1.17M ³ - Vide T.M.B.P. (24)					
1.17M ³ @ Rs 6177.55 per M ³					Rs 7228=00
(36/38) Brick masonry work in c.m. (1:4) in bound ^d -do-do- T/S -					
6.084M ³ - Vide T.M.B.P. (24)					
6.084M ³ @ Rs 5878.28 per M ³					Rs 35763=00

Continuation

Rs 37079099.10

370,80,216 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F. B.		37479000
(37/39) Brick masonry work in c.m. (1:4) in sub structure					
-do do- TIS-					
5.46M ³ - Vide T.M.B.P. (24)					
5.46M ³ @ Rs 6142.27 per M ³					Rs 33537=00
(38/42) Plastering with c.m. (1:4)					
-do do- TIS-					
14.46M ² - Vide T.M.B.P. (32)					
14.46M ² @ Rs 163.74 per M ²					Rs 2368=00
(39/44) Providing weep holes -do-					
-do- TIS-					
4.0 Nos - Vide T.M.B.P. (32)					
4.0 Nos @ Rs 135.38 per no.					Rs 542=00

(40/45) Earth work in excavation					
-do foundation -do do- TIS-					
190.294M ³ - Vide T.M.B.P. (8)					
64.444M ³ - do do - P. (15)					
254.738M ³ @ Rs 338.39 per M ³					Rs 86196=00
(41/46) Sand filling in bound. trench					
-do do - as per TIS-					
10.386M ³ - Vide T.M.B.P. (22)					
10.386M ³ @ Rs 539.91 per M ³					Rs 5607=00
(42/47) Providing P.C.C. MIS in open bound. -do do- TIS-					
21.096M ³ - Vide T.M.B.P. (8)					
5.609M ³ - do do - P. (16)					
13.464M ³ - do do - P. (24)					
40.169M ³ @ Rs 617.55 per M ³					Rs 248146=00

Continuation

Rs 37455495=00
37456612=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(43/48) Brick masonry work in C.M. (1:4) in bound					
-do- T.S.					
104.50M ³ - Vide T.M.B.P.				(9)	
24.535M ³ -do- do- P.				(16)	
129.035M ³ @ R 5878.28 per M ³					R 758504.10
(44/49) Brick masonry work in C.M. (1:4) in sub structure					
-do- do- T.S.					
118.093M ³ - Vide T.M.B.P.				(9)	
118.093M ³ @ R 6142.27 per M ³					R 725359.00
(45/50) Rein. plain reinforced Cement concrete M20 in sub structure					
-do- do- T.S.					
5.748M ³ - Vide T.M.B.P.				(16)	
3.945M ³ -do- do- P.				(22)	
9.693M ³ @ R 6912.27 per M ³					R 67001.00
(46/51) Rendering bitumen painting over top surfaces					
-do- do- T.S.					
20.625M ² - Vide T.M.B.P.				(22)	
20.625M ² @ R 18.99 per M ²					R 392.00
(47/52) Rev. & Laying R.C.C. M25 in deck slab					
-do- do- T.S.					
16.85M ³ - Vide T.M.B.P.				(22)	
16.85M ³ @ R 7923.58 per M ³					R 133512.00
					R 39140263.10
					39141380.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(48/53) Supplying, fitting & placing HYSD bar reinforcement in super structure - do do - T/S -				A.F. B. P. (10)	39140263.00
0.385 MT - Vide T.M.B.P. (10)					
2.418 MT - do do - P. (17)					
2.803 MT					
Unit to 2.80 MT @ Rs 82.530.13 per MT					Rs 231084.00
(49/54) Providing & billing joint sealing compound - do do - T/S -					
22.50 M - Vide T.M.B.P. (25)					
22.50 M @ Rs 48.10 per M					Rs 1082.25
(50/55) Plastering with c.m.					
(11.4) - do do - T/S -					
112.708 M ² - Vide T.M.B.P. (25)					
112.708 M ² @ Rs 163.74 per M ²					Rs 18455.00
(51/56) Painting two coats - do do - T/S -					
32.196 M ² - Vide T.M.B.P. (38)					
32.196 M ² @ Rs 110.60 per M ²					Rs 3561.00
(52/57) Providing weep holes - do do - T/S -					
54.00 Nos - Vide T.M.B.P. (25)					
54.00 Nos @ Rs 135.38 per no.					Rs 7311.00
					Rs 39401756.00

39402873

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D	
					B.F. Rs 29401735.00
(52/58) Add Gist @ 12%					4728346
(54/59) Add Labour charges @ 1%					3940279
(55/60) Add site storage fees					39401800
					Rs 45218125.00
					45219338-
Less 17.98% below as per Agr. (1)					Rs 37087906.00
Certified that					37088946
(1) work has been completed					37087906-
as per specification & site condition.					
21-3-23					
J.E.					

ਅਨੀਸ਼ ਮਾਧੀ ਮੰਝੂਕ
ਰਾਮ ਸੁਬਾਨ ਲਿਖੇ