

170/18-19

Susit Kumar

Schedule XLV Form No.-134

BIHAR P.W.D.

G.T. S.N.Y. main.

Noria tola pih to to 1

Freeay

DIVISION

Freeay

SUB-DIVISION

MEASUREMENT BOOK

316425054116 24/6/2021

5th Year Maintenance

Sch. XLV-Form No.134 **18**

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work- Maintenance of road from Nuniya Tala Dih to Tolunder GTSNH					
Agency- Sujit Kumar					
Agreement No- 03SBD/2017-18					
Actual date of completion- 10/11/2017					
5th year Maintenance Period 7/11/21 to 10/11/2022					
① Maintenance of earthen shoulder					
2	X	6.15	X	0.75	= 9.22m ²
2	X	8.10	X	1.25	= 20.00m ²
3	X	9.10	X	1.20	= 32.40m ²
1	X	8.25	X	1.28	= 10.56m ²
2	X	10.10	X	1.25	= 25.10m ²
1	X	9.50	X	1.25	= 11.87m ²
2	X	8.10	X	1.20	= 19.20m ²
					128.25m ²
② Restoration of Raincuts					
1	X	8.50	X	1.10	X 0.30 = 2.80m ³
2	X	6.10	X	1.20	X 0.30 = 4.32m ³
3	X	8.10	X	1.15	X 0.30 = 8.28m ³
2	X	4.75	X	1.20	X 0.30 = 3.42m ³
1	X	7.50	X	1.20	X 0.30 = 2.70m ³
1	X	10.10	X	0.75	X 0.25 = 1.87m ³
2	X	6.10	X	0.80	X 0.30 = 2.88m ³
2	X	7.50	X	1.25	X 0.30 = 5.62m ³
1	X	5.10	X	1.10	X 0.25 = 1.37m ³
Continuation					33.26m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Maintenance of gravelled shoulder					
2	X	8.10	X	1.20 =	19.20 ^{sq}
1	X	10.50	X	1.25 =	13.12 ^{sq}
2	X	6.40	X	1.25 =	15.60 ^{sq}
2	X	8.10	X	1.15 =	18.40 ^{sq}
1	X	7.10	X	0.90 =	6.39 ^{sq}
3	X	6.50	X	1.10 =	21.45 ^{sq}
2	X	8.25	X	1.20 =	19.80 ^{sq}
1	X	9.10	X	1.25 =	11.37 ^{sq}
1	X	10.50	X	1.15 =	12.07 ^{sq}
2	X	7.30	X	1.20 =	17.52 ^{sq}
					154.92 ^{sq}

(4) Maintenance of Bitumen surface road					
Repair to Pot holes					
1	X	2.50	X	1.25 =	3.12 ^{sq}
1	X	3.40	X	1.50 =	4.50 ^{sq}
1	X	5.60	X	1.40 =	7.84 ^{sq}
2	X	3.50	X	1.50 =	10.50 ^{sq}
2	X	2.40	X	1.25 =	5.40 ^{sq}
1	X	3.75	X	1.30 =	4.87 ^{sq}
1	X	2.25	X	1.20 =	2.70 ^{sq}
2	X	3.50	X	1.45 =	10.15 ^{sq}
2	X	2.50	X	1.20 =	3.00 ^{sq}
1	X	4.40	X	1.50 =	6.60 ^{sq}
2	X	3.30	X	1.20 =	7.92 ^{sq}
					65.60 ^{sq}

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Restoration of Rain cuts					
1	X	8.50	1.28	0.30 =	3.2611
2	X	6.25	1.25	0.30 =	4.6911
3	V	8.40	1.15	0.30 =	8.2811
1	X	5.40	1.20	0.25 =	1.5611
					17.7311
(6) (i) cutting of branches of trees ————— 3 May					
(ii) cutting of shrubs ————— 7 May					
(7) Trimming of grass					
2	X	10	30	0.60 =	360.00 ^L
2	X	10	30	0.50 =	300.00 ^L
2	X	10	30	0.54 =	324.00 ^L
					984.00 ^L
(8) White washing on paved walk of CD					
12	X	6.15	0.60	=	44.28 ^L
6	X	6.15	0.40	=	14.76 ^L
12	X	0.40	0.60	=	2.88 ^L
					61.92 ^L
				limited-	59.04 ^L
(9) (i) Maintenance of road					
				sign —————	1.050 Km
(ii) Maintenance of road					
				stone —————	0.168 Km
Continuation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Materials statement</u>					
(i) Soil -			80.7111		
(ii) Chips -			1.7211		
(iii) Sand -			0.3911		
(iv) Bitumen -			0.16011		

Record Entry

① Restoration of Rain cuts

2	X	6.00	X	1.25	X	0.30	=	4.50M ³
2	X	8.00	X	1.25	X	0.25	=	5.00M ³
3	X	7.00	X	1.25	X	0.25	=	6.56M ³
5	X	8.00	X	1.25	X	0.30	=	12.00M ³
4	X	6.50	X	1.20	X	0.30	=	9.36M ³
5	X	7.00	X	1.25	X	0.30	=	13.12M ³
4	X	8.00	X	1.20	X	0.25	=	9.60M ³
2	X	6.50	X	1.10	X	0.25	=	3.57M ³
5	X	9.00	X	1.15	X	0.30	=	15.52M ³
2	X	5.50	X	1.20	X	0.25	=	3.30M ³
2	X	6.00	X	1.25	X	0.30	=	4.50M ³
3	X	8.50	X	1.15	X	0.30	=	8.80M ³
2	X	7.00	X	1.10	X	0.30	=	4.62M ³
								100.45M ³

② Maintenance of bituminous surface road. Patch repair: -

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2	X	3.50	X	1.50 =	10.50M ^C
1	X	2.00	X	1.25 =	2.50M ^C
2	X	2.50	X	1.25 =	6.25M ^C
2	X	3.25	X	1.30 =	8.45M ^C
2	X	4.00	X	1.50 =	12.00M ^C
1	X	3.00	X	1.25 =	3.75M ^C
1	X	3.35	X	1.41 =	4.72M ^C
					48.17M ^C

③ Maintenance of earthen

Shoulder

3	X	6.00	X	0.75 =	13.50M ^C
4	X	7.50	X	1.25 =	37.50M ^C
5	X	6.50	X	1.32 =	42.90M ^C
4	X	6.00	X	1.25 =	30.00M ^C
3	X	9.50	X	1.20 =	34.20M ^C
5	X	11.50	X	1.28 =	73.60M ^C
2	X	5.50	X	0.90 =	9.90M ^C
4	X	6.50	X	0.90 =	23.40M ^C
5	X	11.00	X	1.25 =	68.75M ^C
4	X	7.50	X	1.10 =	33.00M ^C
4	X	7.00	X	1.15 =	32.20M ^C
					398.95M ^C

09/11/2022
JE

09/11/22
JE

Continuation

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Restoration of Rain cuts					
Q-VMBP 180				33.2617	
P 200				17.7317	
P 230				100.4517	
				151.4417	
e h	317			27117	4804720
② Maintenance of earthen shoulder					
Q-VMBP 180				128.2517	
P 190				154.9217	
P 240				398.9517	
				682.1217	
e h	47			8517	326390
③ Maintenance of bituminous surface road					
Q-VMBP 190				65.6017	
P 230				48.1717	
				113.7717	
e h	247			19117	281230
④ cutting of branches of trees					
Q-VMBP 200				3 Nay	
e h	84			78/each h	2540
⑤ cutting of shrubs					
Q-VMBP 200				7 Nay	
e h	5			20/each h	360

Continuation

1090990

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Trimming of grass & VTB/20⑥ = 984.0 ft e h, 1.73/ft - R. 1702.200					
⑦ White washing on parapet & VTB/20⑦ = 59.04 ft e h, 13 = 74/ft R. 811.200					
⑧ Maintenance of road sign & VTB/20⑧ = 1.050 km e h, 925 = 78/km R. 972.200					
⑨ Maintenance of 200 m stone & VTB/20⑨ = 0.168 km e h, 620 = 17/km R. 104.000 R, 1,12,688.200 Less 0.03% below → 34.200 R, 1,12,654.200					
 					