

MR-3054 नई-संस्करण

MBNO:-3501

Schedule XLV-Form No. 1349

सर्वोत्तम एवं प्रयोग के लिए

DIVISION

MBNO:-3501

SUB-DIVISION

मिथ्या

Measurement Book

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Road: — Baski Mukhya Path					
Se College Hote huge Phobi To (a Tan.					
Length: — 1.700 km					
Agency: — Sri Budhar Singh					
Agreement No: — 09 MB/2022-23					
Date of start: — 17/06/2022					06/09/22
Date of completion: — 15.06/2023					
Date of entry: —					

Work done					
(1) Clearing and grubbing Road					
Land — — — E/I					
2x 17x 4x 25.00 x 1.00 (ar) = 3400.00 sqm					
Pay — 0.340 Hec					
(2) Earthwork in excavation					
— — — E/I					
H.W — 2x 6.450 x 1.400 x 1.500 — 27.09 cu					
Below pipe — 1x 4.850 x 1.530 x 0.365 — 2.71 "					
29.80 cu					
(ii) p/v M/s (p/c 1:2.5:5) as per					
Course — — — E/I					
H.W — 2x 6.450 x 1.400 x 0.150 — 2.71 cu					
Below pipe — 1x 4.931 x 1.530 x 0.150 — 1.89 "					
Less for pipe — 0.250 x 0.785 x 1.230 x 5.496 (4) 1.63 "					

~~2.71~~
 2.97 cu

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(iii) Brick Masonry work in CM (1:4)					
H.W. - $2 \times 6.150 \times 0.825 \times 2.580$					26.18 cu
Parapet - $2 \times 6.150 \times 0.400 \times 0.600$					2.96 "
Less for pipe - $2 \times 0.7857 \times 1.230^2 \times 0.60$					(-) 1.48 "
					27.66 cu
(iv) DN and laying R.C.C. pipe for culvert					
3×2.50					7.50 M
(v) Plastering with CM (1:4)					
outer sides - $2 \times 6.150 \times 3.780$					46.99 sq
Inner sides - $2 \times 6.150 \times 0.600$					7.38 "
Top - $2 \times 6.150 \times 0.400$					4.92 "
Ends - $4 \times 0.825 \times 2.580$					8.51 "
Ends (parapet) - $4 \times 0.400 \times 0.600$					0.96 "
Less - $2 \times 0.7857 \times 1.230^2 \times 0.60$					(-) 2.38 "
					65.87
(vi) 1:5 mm cement painting					
Top - $2 \times 6.150 \times 0.400$					4.92 sq
Ends (parapet) - $4 \times 0.400 \times 0.600$					0.96 "
Inner sides - $2 \times 6.150 \times 0.600$					7.38 "
					13.26 sqm
(3) Const. of subgrade and earthen shoulder - c/s					
$2 \times 9 \times 4 \times 25.00 \times 0.700 \times 0.300$					378.00 cu
$2 \times 7 \times 4 \times 25.00 \times 0.700 \times 0.300$					294.00 "
$2 \times 3 \times 25.00 \times 0.700 \times 0.300$					31.50 "
					703.50 cu

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Const. of G.S.P. by p/v (2111 gms)					
Material - - - E/I					
Pots Measurement:-					
1x10.90x2.16x0.175					4.120 cu
1x11.40x1.87x0.175					3.731 "
1x10.00x1.44x0.175					2.520 "
1x5.60x1.44x0.175					1.411 "
1x10.50x1.87x0.175					3.436 "
1x4.20x1.73x0.175					1.272 "
1x1.40x1.30x0.175					0.319 "
1x6.00x1.87x0.175					1.964 "
1x6.80x1.73x0.175					2.059 "
1x1.90x1.97x0.175					0.622 "
1x5.20x1.44x0.175					1.386 cu m
1x4.40x1.87x0.175					1.440 "
1x4.60x1.44x0.175					1.159 "
1x20.10x1.44x0.175					5.065 "
1x20.10x1.87x0.175					6.578 "
1x13.90x2.34x0.175					5.692 "
1x9.90x1.80x0.175					3.119 "
1x10.60x2.63x0.175					4.879 "
1x11.30x1.10x0.175					2.175 "
					52.975 cu
					Limit 50.800 cu
(5) WBM 4x2 p/v. laying, spreading and compacting stone aggregates - - - E/I					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x10.90 x 2.16 x 0.075					1.765 "
1x9.12 x 2.92 x 0.075					1.997 "
1x11.83 x 2.92 x 0.075					2.591 "
1x7.87 x 2.24 x 0.075					1.322 "
1x10.96 x 2.92 x 0.075					2.420 "
1x10.79 x 3.37 x 0.075					2.727 "
1x19.00 x 1.79 x 0.075					2.618 "
1x14.46 x 2.11 x 0.075					2.288 "
1x10.79 x 2.02 x 0.075					1.635 "
1x7.21 x 2.24 x 0.075					1.211 "
1x10.14 x 3.19 x 0.075					2.426 1.754 "
1x7.33 x 3.19 x 0.075					1.754 "
1x14.65 x 2.10 x 0.075					3.406 "
1x9.40 x 1.66 x 0.075					1.170 "
1x8.00 x 2.46 x 0.075					1.476 "
1x11.90 x 2.20 x 0.075					1.964 "
1x12.40 x 1.91 x 0.075					1.776 "
1x11.00 x 1.48 x 0.075					1.221 "
1x6.60 x 1.48 x 0.075					0.733 "
1x11.50 x 1.91 x 0.075					1.647 "
1x5.20 x 1.77 x 0.075					0.690 "
1x2.40 x 1.34 x 0.075					0.241 "
1x7.57 x 1.34 x 0.075					0.761 "
1x7.33 x 2.74 x 0.075					1.506 "
1x10.96 x 2.74 x 0.075					2.252 "
1x9.04 x 1.79 x 0.075					1.214 "
1x12.00 x 2.15 x 0.075					1.935 "

Continuation

49.461 "

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1X 7.33 X 2.92 X 0.075					1.605 "
1X 14.65 X 2.83 X 0.075					3.109 "
1X 11.97 X 2.92 X 0.075					2.621 "
1X 18.15 X 2.02 X 0.075					2.750 "
1X 14.65 X 3.10 X 0.075					3.335 "
1X 6.87 X 2.24 X 0.075					1.154 "
1X 8.36 X 3.19 X 0.075					4.373 "
1X 18.36 X 2.24 X 0.075					3.084 "
1X 9.12 X 2.92 X 0.075					1.997 "
					73429 cm
			Limit		68.800 cm

⑥ WDM Ur-3

Div. Quins, spreads and

Computing stone aggregates - e/s

1X 9.12 X 2.92 X 0.075					1.997 "
1X 11.83 X 2.92 X 0.075					2.591 "
1X 7.87 X 2.24 X 0.075					1.322 "
1X 10.96 X 2.92 X 0.075					2.400 "
1X 10.79 X 3.37 X 0.075					2.727 "
1X 19.50 X 1.79 X 0.075					2.618 "
1X 14.46 X 2.11 X 0.075					2.288 "
1X 10.79 X 2.02 X 0.075					1.635 "
1X 7.21 X 2.24 X 0.075					1.211 "
1X 10.14 X 3.19 X 0.075					2.426 "
1X 7.33 X 3.19 X 0.075					1.754 "
1X 16.22 X 2.24 X 0.075					2.725 "
1X 14.65 X 3.10 X 0.075					3.406 "
1X 7.57 X 1.34 X 0.075					0.701 "

Continuation

29.861 cm

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x 7.33 x 2.74 x 0.075					1.506 cum
1x 10.96 x 2.74 x 0.075					2.252 "
1x 9.04 x 1.79 x 0.075					1.214 "
1x 7.33 x 2.92 x 0.075					1.605 "
1x 14.65 x 2.83 x 0.075					3.109 "
1x 11.97 x 2.92 x 0.075					2.621 "
1x 18.15 x 2.02 x 0.075					2.750 "
1x 14.00 x 3.10 x 0.075					3.355 "
1x 6.87 x 2.24 x 0.075					1.154 "
1x 18.36 x 3.13 x 0.075					4.393 "
1x 18.36 x 2.24 x 0.075					3.084 "
1x 9.12 x 2.92 x 0.075					1.997 "
1x 14.93 x 2.27 x 0.075					3.774 "

1x 14.65 x 1.79 x 0.075					1.967 cum
1x 25.56 x 2.11 x 0.075					4.045 "
1x 19.22 x 2.02 x 0.075					2.912 "
1x 14.65 x 2.24 x 0.075					2.461 "
1x 14.14 x 3.13 x 0.075					2.426 "
1x 13.72 x 3.13 x 0.075					3.283 "
1x 10.90 x 1.79 x 0.075					1.463 "
1x 10.10 x 2.48 x 0.075					1.879 "
1x 5.50 x 1.07 x 0.075					0.441 "
1x 6.00 x 2.19 x 0.075					0.986 "
1x 5.30 x 2.15 x 0.075					0.855 "
1x 6.40 x 2.15 x 0.075					1.032 "
1x 8.80 x 2.69 x 0.075					1.775 "
1x 12.00 x 2.15 x 0.075					1.935 "

90.035 "

Bf 90.005 Cu

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1X 11.90 X 1.61 X 0.075					1.437 Cu
1X 10.30 X 2.41 X 0.075					1.898 "
1X 19.40 X 2.15 X 0.075					2.322 "
1X 14.90 X 1.86 X 0.075					2.079 "
1X 13.50 X 1.43 X 0.075					1.448 "
1X 9.10 X 1.43 X 0.075					0.976 "
1X 14.00 X 1.86 X 0.075					1.953 "
1X 7.70 X 1.72 X 0.075					0.993 "
1X 4.90 X 1.29 X 0.075					0.474 "
1X 9.00 X 1.86 X 0.075					1.325 "
1X 10.30 X 1.72 X 0.075					1.329 "
1X 5.40 X 1.86 X 0.075					0.753 "
1X 9.00 X 1.43 X 0.075					0.965 "
1X 7.90 X 1.86 X 0.075					1.102 "
1X 8.10 X 1.43 X 0.075					0.869 "
1X 23.60 X 1.43 X 0.075					2.531 "
1X 23.60 X 1.86 X 0.075					3.292 "
1X 10.40 X 2.15 X 0.075					1.677 "
1X 8.00 X 1.61 X 0.075					0.966 "
1X 17.40 X 2.33 X 0.075					3.041 "
1X 13.40 X 1.79 X 0.075					1.799 "
1X 14.10 X 2.62 X 0.075					2.771 "
1X 14.10 X 2.33 X 0.075					2.464 "
1X 8.10 X 1.79 X 0.075					1.087 "
1X 5.50 X 1.07 X 0.075					0.441 "
					130.027 Cu
			Limit		129.600 Cu

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) prime coat: p/v and apply primer coat with RS-1 - - - E/I					
			Rty	in 1 stem	
(8) page - 07 Rty 129.60 cm					
Area - 129.60 / 0.075					1728.00 sqm
(9) Tack coat - p/v laying tack coat with RS-1 - - - E/I					
			Same Rty as		
per stem (7) page - 8					
			Rty		1728.00 sqm
(9) p/v, laying and rolling of close-graded premix surfacing					
			Same Rty		
as per stem (7) page - 8					
			Rty		1728.00 sqm
(10) p/v and applying tack coat with RS-1 - - - E/I					
1 x 15.00 x $\frac{8.30 + 5.60 + 3.75}{3}$					88.25 sqm
3 x 4 x 25.00 x 3.75					1125.00 "
1 x 25.00 x $\frac{3.75 + 6.20}{2}$					124.38 sqm
1 x 25.00 x $\frac{6.20 + 3.75}{2}$					124.38 "
10 x 4 x 25.00 x $\frac{3.75}{2}$					375.00 "
1 x 25.00 x $\frac{3.75 + 4.20}{2}$					99.38 "
1 x 25.00 x $\frac{4.20 + 3.75}{2}$					99.38 "
4 x 25.00 x $\frac{3.75}{2}$					375.00 727.5
1 x 25.00 x $\frac{3.75 + 4.40}{2}$					101.88 "
1 x 25.00 x $\frac{4.40 + 3.75}{2}$					101.88 "
4 x 25.00 x $\frac{3.75}{2}$					468.75 "
1 x 10.00 x $\frac{3.75 + 4.40}{2}$					57.75 "
					642.28 sqm
Limit					6375.00 sqm

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑪ Plr and laying semi dense bituminous concrete - El.					
1X15.00 x $\frac{8.30+5.60}{2}$ x 0.025					2.21 Cu
3X4X25.00 x 3.75 x 0.025					28.13 "
1X25.00 x $\frac{3.75+6.20}{2}$ x 0.025					3.11 "
1X25.00 x $\frac{6.20+3.75}{2}$ x 0.025					3.11 "
10X4X25.00 x 3.75 x 0.025					93.75 "
1X25.00 x $\frac{3.75+4.20}{2}$ x 0.025					2.48 "
1X25.00 x $\frac{4.20+3.75}{2}$ x 0.025					2.48 "
4X25.00 x 3.75 x 0.025					9.38 "
1X25.00 x $\frac{3.75+4.40}{2}$ x 0.025					2.55 "
4X25.00 x 3.75 x 0.025					9.38 "
1X10.00 x $\frac{3.75+7.00}{2}$ x 0.025					1.44 "
					160.57 Cu
				Limit	159.38 Cu
⑫ Const. of parapet wall					
(0.4 width x 0.60 height)					
① Brick Masonry work in CM (1:3) in parapet					
2X6.00 x 0.40 x 0.60					2.88 Cu
② plastering with CM (1:4)					
Side face - 4X6.00 x 0.60					14.40 sqm
Top - 2X6.00 x 0.40					4.80 "
Front face - 4X0.40 x 0.60					0.960 "
					20.16 sqm

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(iii) painting two coats on DRD concrete surface					
Side face — $4 \times 4.0 \times 0.60$ —					9.60 sq
Top — $2.00 \times 4.0 \times 0.60$ —					4.80 "
Front face — $4 \times 0.40 \times 0.60$ —					0.96 "
					58.56 sq
(13) Km stone					
			Qty		03 Nos
(14) 200m stone					
			Qty		07 Nos
(15) Direction and place identifi- cation sign board —					
			$2 \times 1.20 \times 0.80$		1.92 sqm
(16) 600mm equivalent pipe					
			Qty		04 Nos
(17) 600mm Circular					
			Qty		02 Nos
(18) 600mm x 450mm rectangular					
			Qty		02 Nos
(19) Boundary pillar					
			Qty		24 Nos
(20) Planting of trees by the road sides					
			$2 \times 1700 \text{ mm} / 20$		170 Nos
(21) painting new letter in figures of any					
			2×88.00		1760 per
(per cm height per letter)					

Continuation

Material Statement		
① Earthwork	—	703.80 cu
② Stone Metd	—	279.19 cu
③ Stone chips	—	282.12 cu
④ Stone screening	—	53.80 cu
⑤ Local Grm	—	25.91 cu
⑥ coarse Grm	—	11.64 cu
⑦ Bricks	—	15270 Nos.
⑧ Cement	—	6.42 MT
⑨ SS-1	—	1.488 MT
⑩ RS-1	—	2.430 MT
⑪ S-90 ^{or V-30}	—	22.063 MTP

S-70-24.571	Ten V-30	For invoice BH5520115493	
		Date 19/10/22	
RS-1	2.800 MT	} Invoice JBB/22-23/00487	
SS-1	1.600 MT		
		Date 19/10/2022	
Qty	SS-1	RS-1	S-70
Continuation	1.600	2.800	24.571 MT
	1.468	2.430	22.063 MT
Balance	0.132	0.370	2.508 MT

ABSTRACT OF COST

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Clearing and grubbing Row					
(a) - - - - - E/1					
0.34 Hec wide MB P-1					
@ Rs 57007 = 10/Hec - - - - -					Rs 19382 = 00
② Cont. of subgrade and cutts					
Shoulder - - - - - E/1					
703.50 Cum wide MB P-2					
@ Rs 244 = 02/Cum - - - - -					Rs 171668 = 00
③ Cont. of G.S.B. by p.v. well					
graded Material - - - - - E/1					
50.800 Cum wide MB P-3					
@ Rs 2583 = 38/Cum - - - - -					Rs 131236 = 00
④ p.v. layer, spreading and comp.					
Stone aggregates - - - - - E/1					
WDM 4m-5					
68.80 Cum wide MB P-5					
@ Rs 4743 = 92/Cum - - - - -					Rs 326382 = 00
⑤ WDM 4m-3 - p.v. layer, spreading					
and comp. stone aggregates					
129.60 Cum wide MB P-7					
@ Rs 4292 = 32/Cum - - - - -					Rs 556285 = 00
⑥ p.v. and applying primer coat					
with SS-1 - - - - - E/1					
1728.00 Sqm wide MB P-8					
@ Rs 51 = 60/Sqm - - - - -					Rs 89165 = 00
⑦ p.v. and applying tack coat					
with RS-1 - - - - - E/1					
1728.00 Sqm wide MB P-8					
@ Rs 17 = 45/Sqm - - - - -					Rs 30154 = 00

Continuation

1324272 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑧ p/v. begin and rollers of floor- graded premix surface 1728.6 S/m wide MB p-8 @R 249=56/S/m — R 431240=					
⑨ p/v and applying tack coat with RS-1 — — 2/1 637.6 S/m wide MB p-8 @R 14=36/S/m — R 91545=					
⑩ p/v and laying semi dense bituminous concrete 159.38 Cum wide MB p-9 @R 13050=82/Cum — R 2080040=					
⑪ Re finish masonry in CM (1:3) in parapet walls 2.88 Cum wide MB p-9 @R 5644=25/Cum — R 16255=					
⑫ plastering with CM (1:4) 20.16 S/m wide MB p-9 @R 163=61/S/m — R 3298=					
⑬ painting two coats on new 58.56 S/m wide MB p-9 @R 107=63/S/m — R 6303=					
⑭ earthwork in excavation-29 29.80 Cum wide MB p-1 @R 321=45/Cum — R 9579=					
⑮ p/v M15 (PCC 1:2.5:5) as leveling 2.96 Cum wide MB p-1 @R 6237=58/Cum — R 18476=					

Continuation

R 3592892=

3981008=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16/30) Brick masonry work in cm (1:4) in H. wall					
27.66 cum vide MB P-2					
@ Rs 5939 = 95/cum					Rs 164297 = 4
(17/31) Div. m. lagged cc pine NP-4					
7.50 m vide MB P-2					
@ Rs 7312 = 40/m					Rs 54843 = 4
(18/32) plastering with cm (1:4) on brick work					
65.89 sqm vide MB P-2					
@ Rs 163261/sqm					Rs 10780 = 4
(19/33) Div 1.5 mm cement putty					
13.26 sqm vide MB P-2					
@ Rs 53 = 13/sqm					Rs 705 = 10
(20) Kms stone					
03 Nos vide MB P-10					
@ Rs 2581 = 09/each					Rs 7743 = 10
(21) 200 m stone					
07 Nos vide MB P-10					
@ Rs 720 = 37/each					Rs 3047 = 10
(22) Direction and place identifica- tion sign board					
1.92 sqm vide MB P-10					
@ Rs 13138 = 49/sqm					Rs 25226 = 10
(23) 600 mm equilateral triangle					
04 Nos vide MB P-10					
@ Rs 3812 = 60/each					Rs 15250 = 10

Rs 3876785 = 10
4264901 = 10

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24) 600mm Circular					
02 Nos. vide MD P-10					75702=0
CR 3854=13/each					3854=0
(25) 600mm x 450mm rectangular					
02 Nos. vide MD P-10					
CR 3725=90/each					7452=0
(26) Boundary pillar					
24 Nos. vide MD page-10					
CR 637=04/each					15289=0
(27) printing new letter and figures					
170.00 per cm height per letter					
CR 0.58/per cm height per letter					101=00
(28) Planting of trees by the					
Road sides					
170.00 Nos. vide MD P-10					
CR 1056=27/each					179566=0
(29) Road Marking with hot applied					
thermo plastic compound					
340.00 sqm vide MD P-11					
CR 771=66/sqm					262364=0
(30) P.N and fixing of typical masonry					
information sign board					
02 Nos. vide MD page-11					
CR 10357=71/each					20715=00
					RS 4369980=00
					4477200
					RS 4758096=00
Bellows 0.11%					(RS) 5237=00
					RS 4752859=00

[illegible]

Continuation