

Name of work—
 Situation of work—
 Agency by which work is executed—
 Date of measurement—
 No. and date of agreement.

1

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

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W:-Permanent Restoration of Road					
From Arer hat to Champa.					
N/A:- Gopal Kumar Singh.					
Agg. No:- 02 F2/2021-22					
Date of start:- 03.07.21					
Date of completion:- 02.08.21					
Record Entry					
① Construction of sub grade					
and earthen shoulder with					
approved Material -----					
as per technical specification					
$2 \times 3.20 \times \frac{1.50+1.35}{2} \times 0.30 = 2.736 \text{ M}^3$					
$2 \times 9.60 \times \frac{1.50+1.35}{2} \times 0.30 = 8.208 \text{ ''}$					
$2 \times 3.30 \times \frac{1.5+1.35}{2} \times 0.30 = 2.821 \text{ ''}$					
$2 \times 7.10 \times \frac{1.50+1.35}{2} \times 0.30 = 6.070 \text{ ''}$					
$2 \times 5.60 \times \frac{1.50+1.35}{2} \times 0.30 = 4.788 \text{ ''}$					
$2 \times 5.50 \times \frac{1.50+1.35}{2} \times 0.30 = 4.702 \text{ ''}$					
$2 \times 12.10 \times \frac{1.50+1.35}{2} \times 0.30 = 10.345 \text{ ''}$					
C/O = 39.67 M ³					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F. =		39.6704 ²
	2	26.00	$\frac{1.50+1.35}{2}$	0.30	22.23 "
	2	42.00	$\frac{1.50 \times 1.35}{2}$	0.30	35.91 "
					= 97.8104 ³

② Construction of granular sub base by providing well graded material ----- Gr-1 ----- as per technical specification.

$$1 \times 2.50 \times 2.00 \times 0.20 = 1.00 \text{ M}^3$$

$$2 \times 3.00 \times 1.80 \times 0.20 = 2.160 "$$

$$1 \times 2.00 \times 1.50 \times 0.10 = 0.30 "$$

	2	2.800	2.00	0.20	2.240 "
	1	3.00	2.50	0.10	0.750 "
	1	2.50	2.00	0.10	0.50 "
	2	5.00	2.50	0.10	2.50 "
	3	6.00	2.50	0.10	4.50 "
	6	5.00	2.80	0.10	8.40 "
					= 22.35 M ³ .

③ Providing, laying, spreading and compacting stone Aggregates of specific size ----- as per tech. spec.

$$1 \times 3.20 \times 3.50 \times 0.075 = 0.840 \text{ M}^3$$

$$1 \times 9.60 \times 2.20 \times 0.075 = 1.584 "$$

$$1 \times 3.30 \times 1.80 \times 0.075 = 0.445 \text{ M}^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F =		2.869 M ³
		1 x 7.10	3.75	0.075	= 1.996 M ³
		1 x 5.60	3.750	0.075	= 1.575 "
		1 x 5.50	3.750	0.075	= 1.546 "
		1 x 12.10	3.750	0.075	= 3.403 "
		1 x 26.00	3.75	0.075	= 7.312 "
		1 x 42.00	3.75	0.075	= 11.812 "
					= 30.513 M ³ .

④ Providing & applying primer coat with bitumen emulsion SS-1 on prepared surface.
 --- as per tech. specs.

		1 x 3.200	3.500	=	11.200 M ²
		1 x 9.600	2.50	=	24.00 "
		1 x 3.30	1.800	=	5.94 "
		1 x 7.100	3.750	=	26.625 "
		1 x 5.60	3.750	=	21.00 "
		1 x 5.50	3.750	=	20.625 "
		1 x 12.100	3.750	=	45.375 "
		1 x 26.00	3.750	=	97.500 "
		1 x 41.00	3.750	=	153.750 "
				=	406.015 M ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤	Providing & Applying tack coat with bitumen emulsion RS-1 --- as per tech. specs.				
	1X	3.20	X	3.50	= 11.200M ²
	1X	9.60	X	2.50	= 24.00 "
	1X	3.30	X	1.80	= 5.94 "
	1X	7.100	X	3.75	= 26.625 "
	1X	5.600	X	3.75	= 21.00 "
	1X	5.50	X	3.75	= 20.625 "
	1X	12.10	X	3.75	= 45.375 "
	1X	26.00	X	3.75	= 97.500 "

	1x	41.00	x	3.75	= 153.75 "
					= 406.015M ²

⑥ Providing laying and rolling of close-graded premix surfacing --- as per tech. specs.					
	1x	3.20	x	3.50	= 11.200M ²
	1x	9.60	x	2.50	= 24.00 "
	1x	3.30	x	1.80	= 5.94 "
	1x	7.10	x	3.75	= 26.625 "
	1x	5.600	x	3.75	= 21.00 "
	1x	5.50	x	3.75	= 20.625 "
	1x	12.10	x	3.75	= 45.375 "
	1x	26.00	x	3.75	= 97.500 "

Continuation.

1x 41x 3.750 = 153.75 "

= 406.015M²

27.09.21
JE

27/9/21
AE

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of cost					
(1) Construction of sub grade and earthen shoulder ----- Ft					
Qty vide TMB PNO-(2)					
97.810 M ³ @ Rs 237.43/M ³					
Rs =					23,223.00
(2) Construction of GSB Gr-1 by providing well graded ----- as per tech. spec.					
Qty vide TMB PNO (2)					
22.35 M ³ @ Rs 3328.15/M ³					
Rs =					74,384.00
(3) Providing, laying, spreading and compacting stone Aggregates ----- as per tech. spec.					
Qty vide TMB PNO-(3)					
30.513 M ³ @ Rs 4196.42/M ³					
Rs =					1,28,045.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ Providing & Applying primer coat with bitumen emulsion SS-1 ----- as per spec.					
Qty vide TMB PNO ⑤					
406.015 M ² @ Rs 49.38/M ²					
					Rs = 20490=00
⑤ Providing & Applying tack coat with Bitumen -----					
telh. spec.					
Qty vide TMB PNO ④					
406.015 M ² @ Rs 16.78/M ²					Rs = 6813=00

⑥ P/L & rolling of closed graded premix surf ----- as per telh. spec.					
Qty vide TMB PNO ④					
406.015 M ² @ Rs 233.26/M ²					
					Rs = 94707=00
					Rs = 3,47,662=00
Add GST @ 12%					Rs = 41,719=00
Add LC @ 1%					Rs = 3477=00
Add SF					Rs = 4286=00
					Rs = 3,97,144=00
<i>[Signature]</i>					
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Material statement					

- ① E/W - 97.81 M³ Continuation ⑦ Rs - 1 = 0.111 MT
 ② Metal - 57.04 M³
 ③ S. chips - 10.96 M³
 ④ Screening - 7.32 M³
 ⑤ Bitumen 5-90 = 0.771 MT
 ⑥ SS-1 = 0.345 MT