Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Name of work :- M/R of Road from Khojpur to Sadpatchi under M/R 3054

Agency :- M/S Singh Construction

Agreement No :- 67 M30 2020-21

Date of Start :- 03.10.20

Date of Completion :- 02.10.21

Measurement

① For Clearing & Grubbing of Road land with all lead complete

2 × 10 × 10 × 30.00 × 1.00 = 6000.00

Qty = 6000 / 10000 = 0.60 Hect

② Providing SSB Gr 2 mixed Pot Patch with all cost complete as per site direction 6th to 12 Km.

3 × 8.00 × 2.70 × 0.10	=	6.48 m
6.00 × 2.30 × 0.10	=	1.38 m
5.00 × 2.50 × 0.10	=	1.25
3.00 × 2.00 × 0.10	=	0.130
4.00 × 2.10 × 0.10	=	0.840
2.00 × 1.80 × 0.10	=	0.52 m
3 × 5.00 × 1.80 × 0.10	=	2.70
3.00 × 2.10 × 0.10	=	0.63
		14.43

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents or area
					14.43
8.00 × 1.30 × 0.10				= 0.340	
9.10 × 0.60 × 0.10				= 0.54	
2 × 6.00 × 9.80 × 0.10				= 3.360	
8.00 × 1.40 × 0.10				= 1.120	
4.10 × 1.20 × 0.10				= 0.48	
4 × 6.00 × 1.10 × 0.10				= 2.640	
8.10 × 2.60 × 0.10				= 2.080	
9.10 × 2.10 × 0.10				= 1.890	
3.10 × 1.10 × 0.10				= 0.33	
3 × 5.00 × 0.90 × 0.10				= 1.350	
6.00 × 1.10 × 0.100				= 0.66	
5.00 × 2.10 × 0.10				= 1.05	
5.00 × 2.10 × 0.10				= 1.05	
2 × 6.00 × 1.90 × 0.10				= 2.28	
1 × 7.00 × 2.20 × 0.10				= 1.54	
6.00 × 2.30 × 0.10				= 1.38	
3 × 5.00 × 2.20 × 0.10				= 3.30	
3.00 × 2.10 × 0.10				= 0.63	
4.00 × 2.50 × 0.10				= 1.00	
2.10 × 2.60 × 0.10				= 0.55	
5.00 × 2.10 × 0.10				= 1.05	
6.00 × 1.90 × 0.10				= 1.14	
5 × 7.00 × 2.20 × 0.10				= 7.70	
6.00 × 2.30 × 0.10				= 1.38	
					53.94

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
					52.71
5.00		2.00		0.10	= 1.00
3 × 3.00		2.10		0.10	= 1.26
4.00		2.50		0.10	= 1.00
2.00		3.60		0.10	= 0.52
5.00		1.80		0.10	= 0.90
3 × 3.00		2.10		0.10	= 1.89
8.00		1.20		0.10	= 0.96
9.00		0.60		0.10	= 0.54
6.00		2.80		0.10	= 1.68
8.00		1.50		0.10	= 1.200
3 × 6.00		0.90		0.10	= 1.62
9.00		2.10		0.10	= 1.89
3.00		1.10		0.10	= 0.33
5.00		0.90		0.10	= 0.45
3 × 6.00		1.10		0.10	= 1.98
5.00		2.10		0.10	= 1.05
5.00		2.10		0.10	= 1.05
7.00		2.20		0.10	= 1.54
2 × 8.00		2.10		0.10	= 3.36
5.00		2.50		0.10	= 1.25
6.00		2.30		0.10	= 1.38
9.00		1.30		0.10	= 1.17
3 × 8.00		2.30		0.10	= 5.52
10.00		2.10		0.10	= 2.10
8.00		2.10		0.10	= 1.68
5.00		2.50		0.10	= 1.25
					92.46

Continuation

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
6.10 × 2.30 × 0.10 = 1.40					92.46
3 × 7.10 × 1.30 × 0.10 = 1.32					
8.10 × 2.30 × 0.10 = 3.51					
10.10 × 2.10 × 0.10 = 1.89					
2 × 5.10 × 1.10 × 0.10 = 2.10					
				= 1.12	
Near Bridge approach					102.39
30.10 × 4.05 × 0.10 =					12.15 m
30.10 × 4.05 × 0.10 =					12.15 m
30.10 × 4.05 + 5.00 / 2 × 0.10 =					13.575
30.10 × 5.10 + 5.00 / 2 × 0.10 =					15.05
30.10 × 5.10 × 0.10 =					15.10
30.10 × 4.50 × 0.10 =					13.50
30.10 × 4.50 + 4.05 / 2 × 0.10 =					12.825
30.10 × 4.05 × 0.10 =					12.18
30.10 × 4.05 × 0.10 =					12.15
30.10 × 4.05 × 0.10 =					12.15
20.10 × 4.05 × 0.10 =					8.10
Near Railway.					
30.10 × 4.05 × 0.10 =					12.150
30.10 × 4.05 × 0.10 =					12.15
30.10 × 4.05 × 0.10 =					12.15
30.10 × 4.05 × 0.10 =					12.15
30.10 × 4.05 × 0.10 =					12.15
30.10 × 4.05 × 0.10 =					12.15
30.10 × 4.05 × 0.10 =					12.15
					326.94 m²

Continuation

18/12/22

Sch. XLV Form No. 194

Particulars	Details of actual measurement No.	L	B	D	Contents of area
(b) Providing and laying in position cement concrete 1:2:4 (1 part cement, 2 parts coarse sand and 4 parts graded stone aggregate 40 mm nominal size)					
		18.00	× 2.50	× 0.25	= 1.740
		6.00	× 2.50	× 0.25	= 1.125
		7.00	× 2.50	× 0.25	= 1.313
		5.00	× 3.00	× 0.25	= 1.125
	3	× 8.00	× 2.20	× 0.25	= 3.96
		6.00	× 2.50	× 0.25	= 1.125
		11.00	× 1.60	× 0.25	= 1.32
		12.00	× 1.00	× 0.25	= 0.90
	2	× 9.00	× 3.50	× 0.075	= 4.72
		11.00	× 1.90	× 0.075	= 1.568
		7.00	× 1.60	× 0.075	= 0.84
	4	× 9.00	× 1.50	× 0.075	= 4.05
		11.00	× 3.00	× 0.075	= 2.475
		12.00	× 2.50	× 0.25	= 2.25
		6.00	× 1.50	× 0.25	= 0.675
	3	× 8.00	× 1.30	× 0.25	= 2.34
		9.00	× 1.50	× 0.25	= 1.013
		8.00	× 2.50	× 0.25	= 1.50
		8.00	× 2.50	× 0.25	= 1.50
	2	× 9.00	× 2.30	× 0.25	= 3.105
		10.00	× 2.50	× 0.25	= 1.95
					40.39

Continuation

Sch. XLV—Form No. 184

Particulars	Details of actual measurement No.	L	B	D	Contents of area
			BCM		91.525
9.10	× 2.70	× 0.075	= 1.823		
3 × 8.10	× 3.60	× 0.075	= 7.88		
6.10	× 2.50	× 0.075	= 1.125		
9.10	× 2.75	× 0.075	= 1.523		
5.10	× 3.40	× 0.075	= 1.125		
8.10	× 2.50	× 0.075	= 1.50		
9.10	× 2.30	× 0.075	= 1.85		
5.10	×				
5	× 10.10	× 2.60	× 0.075	= 9.75	
9.10	× 2.70	× 0.075	= 1.823		
8.10	× 2.40	× 0.075	= 1.44		
3 × 6.10	× 2.50	× 0.075	= 2.25		
7.10	× 2.90	× 0.075	= 1.593		
5.10	× 3.40	× 0.075	= 1.125		
8.00	× 2.20	× 0.075	= 1.320		
3	× 6.10	× 2.50	× 0.075	= 3.375	
11.10	× 1.60	× 0.075	= 1.32		
12.10	× 1.0	× 0.075	= 0.90		
9.10	× 3.20	× 0.075	= 2.16		
11.10	× 1.90	× 0.075	= 1.568		
3 × 9.10	× 1.30	× 0.075	= 2.633		
12.10	× 2.50	× 0.075	= 2.25		
6.00	× 1.50	× 0.075	= 0.675		
8.10	× 1.30	× 0.075	= 0.78		
3 × 9.10	× 1.50	× 0.075	= 3.038		
					91.525 m

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
					91.525
	8.10	× 2.50	× 0.075	=	1.50
	8.10	× 2.80	× 0.075	=	1.68
	10.10	× 2.60	× 0.075	=	1.95
	2 × 11.10	× 2.50	× 0.075	=	4.125
	8.10	× 2.90	× 0.075	=	1.74
	9.10	× 2.70	× 0.075	=	1.823
	12.10	× 1.70	× 0.075	=	1.53
	3 × 11.10	× 2.70	× 0.075	=	6.683
	13.10	× 2.50	× 0.075	=	2.438
	11.10	× 2.50	× 0.075	=	2.063
	8.10	× 2.90	× 0.075	=	1.74
	9.10	× 2.70	× 0.075	=	1.823
	3 × 12.10	× 1.70	× 0.075	=	4.59
	11.10	× 2.70	× 0.075	=	2.228
	13.10	× 2.50	× 0.075	=	2.438
	2 × 8.10	× 1.50	× 0.075	=	1.80
					131.54
Approach of Bridge					
	30.10	× 3.75	× 0.075	=	8.4375
	4 × 30.10	× 3.75	× 0.075	=	33.75
	30.10	× $\frac{3.75 + 4.80}{2}$	× 0.075	=	9.618
Bridge					
	30.10	× $\frac{3.75 + 4.80}{2}$	× 0.075	=	9.618
	5 × 30.10	× 3.75	× 0.075	=	42.188
					235.144

Continuation

Form No. 134

Details of actual measurement				Contents of area
No.	L.	B.	D.	
		026	DH =	935.1125
Near Railway				
1 × 30.10 × 3.75		× 0.075	=	84.338
10 × 30.10 × 3.75		× 0.075	=	84.338
10 × 30.10 × 3.75		× 0.075	=	84.338
10 × 30.10 × 3.75		× 0.075	=	84.338
3 × 30.10 × 3.75		× 0.075	=	25.3125
18.10 × 3.75		× 0.075	=	5.0625
				603.01

30/12/22

(4) Providing Primer coat over WBM Surface with all Complete at Rate as

DH = $\frac{603.01}{0.075}$ × = 8040.23 m²

(5) Providing Tack coat over Primer coat and old WBM Surface with all Complete at Rate as

DH as Above Item = 8040.23 m²

18 No	× 19.10	× 3.75	= 1282.50 m²
17 No	× 21.10	× 3.10	= 1071.10 m²
12 No	× 19.10	× 3.10	= 684.10
19 No	× 12.10	× 3.25	= 741.10
			10536.23 m²

Continuation

30/12/22

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(6) Providing 12.5 mm(Av) over 10 mm Repair with all cost charges complete as per BIS Accepted Item (5) Qty: 10536.23 m²					
7) Providing Tack coat over old surface with all cost complete as per BIS					
5.10 × (15.10 + 7.80)/2					= 57.25
5.10 × (7.80 + 4.65)/2					= 31.125
30.10 × (4.65 + 3.25)/2					= 126.10
30.10 × 3.75					= 112.50
30.10 × 3.75					= 112.50
19.00 × 3.75					= 71.25
30 30.10 × 3.75					= 337.50
10.10 × 3.75					= 37.50
19 met Pvt Patch					
15.10 × (3.75 + 6.40 + 3.25)/3					= 69.00
30.10 × 3.75					= 112.50
30.10 × 3.75					= 112.50
16.10 × (6.20 + 3.75 + 3.25)/3					= 73.06
52 30.10 × 3.75					= 562.50
					1815.685

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			0.80	0.14 =	1815.685
24.10				=	90.40
2				=	225.00
10.10				=	37.50
8				=	900.00
10.10				=	37.50
3				=	337.50
30.10				=	112.50
20.10				=	103.50
3				=	337.50
20.10				=	75.40
10.10				=	47.25
8				=	900.00
6				=	675.00
2				=	225.00
4				=	450.00
25.00				=	93.75
51 Met Railway.					
2				=	225.00
8				=	900.00
20.10				=	83.50
2				=	225.00
30.00				=	141.75
5				=	562.50
					8594.435

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B.P Off		9594.435
30.00	4.60	15.70	13.75		= 140.50
		3			
4 × 30.00	× 3.75				= 450.00
2 × 30.00	× 3.75				= 225.00
30.00	× 3.75 + 4.30 / 2				= 120.75
6.50	× 4.30 + 4.00 / 2				= 27.30
89 net	Rce Hd. Bridge				
30.00	× 4.80 + 3.75 / 2				= 128.25
3 × 30.00	3.75				= 337.50
30.00	× 3.75 + 12.30 / 2				= 240.75
10 × 30.00	× 3.75				= 1125.00
3 × 30.00	× 3.75				= 337.50
3 × 30.00	× 3.75				= 337.50
22.00	× 3.75 + 10.50 / 2				= 156.75
10 × 30.00	× 3.75				= 1125.00
3 × 30.00	× 3.75				= 337.50
6.00	× 3.75 + 5.50 / 2				= 27.75
6 × 30.00	× 3.75				= 675.00
21.00	× 3.75 + 3.90 / 2				= 80.325
4 × 30.00	× 3.75				= 450.00
7.00	× 3.75 + 3.90 / 2				= 26.775
980	net old R.C.				14943.586

NO WORK.

Continuation

Sch. XLV Form No. 134

Details of actual measurement

Particulars	No.	L	B	H	Contents of area
					14793.38
10.00 × 30.10		3.75		=	1128.75
6.00 × 30.10		3.75		=	676.50
2.40 × 3.75 + 4.15 / 2				=	11.25
3.00 × 3.75				=	33.75
3.10 × 3.75 + 4.15 / 2				=	19.25
6.00 × 30.10		3.75		=	675.00
2.00 × 30.10		3.75		=	225.00
25.00 × 3.75				=	93.75
105 mel flor					
4.00 × 30.00 × 3.75				=	450.00
30.10 × 3.75 + 4.00 / 2				=	116.25
23.00 × 4.00 + 3.75 / 2				=	89.125
10.00 × 30.00		3.75		=	1125.00
10.00 × 30.10		3.75		=	1125.00
18.00 × 3.75 + 5.50 / 2				=	83.25
10.20 × 3.50				=	35.70
22.10 × 3.75 + 5.50 / 2				=	101.75
10.00 × 30.00		3.75		=	1125.00
3.00 × 30.00		3.75		=	337.50
30.10 × 3.75				=	112.50
17.00 × 3.75 + 4.50 / 2				=	70.125
20.80 × 3.75				=	78.00
					23015.78 m²

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L	B	D	Contents of area
			B. F. P.		23015.78
			=		1125.10
10 x 30.10 x 3.75			=		1125.10
10 x 30.10 x 3.75			=		1125.10
10 x 30.10 x 3.75			=		1125.10
12.10 x 3.75			=		45.10
			=		26435.78
				Sd/- 14/01/23	
(8) Providing S.D.B.C 25mm thick with all cost over old surface as per al Est					
Qty vide Remarks (7)					
Qty = 26435.78 x 0.025 =					660.89 m3
					Sd/- 18/1/23
(9) Providing CCP M30 un-reinforced concrete Pavement over old surface with all cost Comp-total Est					
Near Bartake village					
6 x 30.10 x 3.75 x 0.10 =					67.30 m3
16.10 x 3.95 x 0.10 =					6.320
Near Senpadchi village					
3 x 30.10 x 3.75 x 0.10 =					33.775 M
15.10 x $\frac{3.75+3.95}{2}$ x 0.10 =					5.775 M
					113.345
					Sd/- 18/01/23

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(10) Providing Road Marking with Red applied - Thermo Plastic Compound at Per as. Est					
2 × 7 × 30.00 × 0.10				=	42.00
2 × 3.00 × 0.10				=	1.80
2 × 6 × 30.00 × 0.10				=	36.00
~~2 × 16.00 × 0.10~~				=	
2 × 16.00 × 0.10				=	3.20
2 × 35 × 30.00 × 0.10				=	210.00
2 × 20.00 × 0.10				=	4.00
~~2 × 28~~ × 30.00 × 0.10				=	156.00
2 × 26.00 × 0.10				=	5.20
2 × 45 × 30.00 × 0.10				=	270.00
~~2 × 26.00 × 0.10~~				=	~~5.20~~
2 × 28 × 30.00 × 0.10				=	168.00
2 × 15.00 × 0.10				=	3.00
2 × 73 × 30.00 × 0.10				=	438.00
					1342.40 M
(11) S.P.F. Road Furniture with all Cost Comp Hts as Est					
(i) 5th KM Post - 2 Nos					
(ii) Ordinary KM Post - 8 Nos					
(iii) 200 mt Post - 29 Nos					

18/2/23

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
12 S.f.f. Traffic Sign Board retro-reflective WMM all coly Comp 10% at Clf					
(i) 600 mm equilateral triangle Board	—	19	No		
(ii) 600 mm circular Board	—	2	No		
(iii) 600 × 450 mm rectangular Board					
Qty =	15	Nos			
13 S.f.f. Boundary Pillar and Guard Post WMM all coly Comp 10% at Clf					
Qty =	89	Nos			
14 S.f.f. Logo & Maintenance Information Board WMM all coly Comp. 10% at Clf					
Qty =	2	Nos			
15 Painting lines, Dashed Arrow on road for Traffic control as Per at Clf					
0 × 41 × 3.00 × 0.10 = 123.0 m²					
16 Prov. Brick work over Parapet WMM all coly Comp 10% at Clf					
14 × 2 × 6.40 × 0.40 × 0.60 = 40.32 M					

18/01/23

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(17) Prov. Plastering with cement mortar (1:4) over new RR with all cold compound 45% alkali					
	14	2	6.00	1.60	= 268.80
	14	4	0.40	0.60	= 13.44
					282.24 m²
(18) Painting over old and new wall surface with all cold compound 45% alkali as per manufacturer's specification					
	28	2	6.00	2.10	= 705.60
	28	4	0.40	1.5	= 67.20
					772.80 m²
(19) Painting with synthetic enamel paint over wood work with all cold compound 45% alkali					
	2	10	10	30.00	1.00 × 0.30 = 1800.00
	2	10	10	30.00	1.00 × 0.30 = 1800.00
	2	8	30.00	1.00	× 0.90 = 432.00
	2	4	30.00	1.00	× 0.60 = 144.00
					4176.00

18/3/23