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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	Length	Breadth	Depth	
Name of work :- Const. of Road from					
MMGSY Road To Muslim Tole					
H/Agency :-	Raju Kr Singh				
Ag No :- 81/ MMGSY(SC)/SBN/19-20					
D.O. Start :-	6.10.2021				
D.O. Comp :-	5.10.2022.				

① Clearing and Grubbing of R/Land.					
2×1650.00 ×1.00				=	3300.00 m2
				or 0.33	Hac
② P/M and fixing of working 3m & Ref Pillar					1.650 Km
③ E/W in excavation in found & Trench 1000 under HPC – 03 Nos					
HPC – 3×2×	6.45	×1.40	×1.50	=	81.27 m3
Below Pipe 3×1×	4.85	×1.53	×0.365	=	8.13 m3
					89.40 m3

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) P/V and laying PCC M15 in levelling course					
H/wall - 3x2x 6.15x 1.40x 0.150 =					8.13 m³
3x 1x 4.931 x 1.53 x 0.250 =					5.65 m³
Ded 3x 0.250 x π/4 x (1.23)² x 5.496 (-)					4.90 m³
				8.88 m³	
(5) Pcar M15 concrete in found.					
H/w — 3x2x 6.150 x (0.825) x 2.58 =					78.54
3x2x 6.15 x 0.40 x 1.20 =					17.71 m³
less for pipe					
3x2x π/4 x (1.23)² x 0.622 (-)					4.44 m³
				91.81 m³	
(6) P/V and laying 1000 mm dia Hume pipe					
3x3x 2.50 — 22.50 m					
(7) P/V two coat painting including outside					
3x2x 6.15 x 2.40 =					88.56 m²
3x2x 6.15 x 0.600 =					22.14 m²
3x2x 6.15 x 0.400 =					14.76 m²
3x 4x 0.40 x 1.20 =					5.76 m²
Ded 3x2x π/4 x (1.23)² (-)					2.38 m²
					106.70 m²

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of Area
	No	L	B	D	
(8) Excavation of Road way cutting in soil					
2 x (115 + 145) x 0.375 x 0.100 = 19.50 m³					
2 x 1390 x 0.525 x 0.100 = 145.95 m³					
					165.45 m³
(9) Const of embm with excavated soil do — all complete etc					
0.60 x 165.45 m³ = 99.27 m³					
(10) Construction of GSB gr I with app materials					
CC portion					
2 x (115 + 145) x 0.525 x 0.100 = 19.50 m³					
Extra Widening					
3 x 15.00 x 0.45 (m) x 0.100 = 2.02 m³					
					21.52 m³ (1)
BT portion					
2 x 1390.00 x 0.525 x 0.100 = 145.95 m³					
For levelling & Profile Correction					
2 x 15 x 10.00 x 1.20 x 0.100 = 36.00 m³					
2 x 10 x 5.00 x 1.00 x 0.100 = 10.00 "					
32 x 2.00 x 1.00 x 0.100 = 6.40 "					
30 x 2.00 x 3.00 x 0.100 = 18.00 "					

Continuation

45 x 2.00 x 1.50 x 0.100 = 13.50 "

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
12 ×	5.00	× 2.00	× 0.100	=	12.00 m3
25 ×	5.00	× 2.50	× 0.100	=	12.50 m3
4 ×	15.00	× 1.00	× 0.100	=	6.00 "
20 ×	3.00	× 1.50	× 0.100	=	9.00 "
25 ×	4.00	× 1.50	× 0.100	=	15.00 m3
[illegible]					
1390.00 ×	4.05	× 0.100		=	562.95 "
Extra [illegible] curve					
2 × 20.00 ×	1.875 + 0 / 2	× 0.200		=	7.50 "
2 × 25.00 ×	1.00 (av)	× 0.200		=	10.00 "
2 × 20.00 ×	0.75 (av)	× 0.200		=	6.00 "
					870.80 m3 (II)
Total (I)+(II) =			892.32 m3.		
[illegible] =			891.84 m3		
(II) [illegible] with app material					
P.C. Portion	(115 + 145)	× 3.75	× 0.075	=	73.12 m3
Extra [illegible]					
3 ×	15.00	× 0.45 (av)	× 0.075	=	1.52 m3
					74.64 m3 (I)
BT Portion					
(1020 + 290)	× 3.75	× 0.075		=	368.43 m3
20.00 ×	(7.50 + 3.75) / 2	× 0.075		=	8.44 m3

Sch. XLV – Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		60.00	3.75	x 0.075	= 16.87 m³
Extra A. under					
	2	25.00	0.85 (avg)	x 0.075	= 3.184 m³
	2	20.00	x 0.60 (avg)	x 0.075	= 1.80 m³
				Total	398.72 m³ (II)

Total (I) + (II) = 473.36 m³.

(12) Cost of unskilled cement concrete M20 in Pavement

(175 + 175) x 3.75 x 0.160 = 156.00 m³

Extra A under

3 x 15.00 x 0.15 (avg) x 0.160 = 3.24 m³

159.24 m³.

Net Quantity for this = 159.24 m³

(13) Providing and applying Prime Coat

8 (1020 + 290) x 3.75 = 4912.50 m²

1 x 20m x (7.50 + 3.75)/2 = 112.50 "

1 x 60.0 x 3.75 = 225.00 "

Extra A under

2 x 25.0 x 0.85 (avg) = 42.50 "

2 x 20.0 x 0.60 (avg) = 24.00 "

Continuation

5316.50 m²

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L	B.	D.	Contents of area
(14) Form and applying Tack coat →					
(1020+290)			X3.75 =	4912.50 m²	
20 m X 7.50+3.75/2			=	112.50 m²	
60.00		X 3.75	=	225.00 m²	
Extra Widening					
2		X 25.00 X 0.85 (av)	=	42.50 m²	
2		X 20.00 X 0.60 (av)	=	24.00 m²	
				5316.50 m²	
(15) Providing and Laying mix seal surface					
(1020+290)			X3.75 =	4912.50 m²	
20.00 X 7.50+3.75/2			=	112.50 m²	
60.00		X 3.75	=	225.00 m²	
Extra Widening					
2		X 25.00 X 0.85 (av)	=	42.50 m²	
2		X 20.00 X 0.60 (av)	=	24.00 m²	
				5316.50 m²	
(16) Providing Laying Hard shoulder					
2(115+145)			X0.25 =	130.00 m²	

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(17) Construction of subgrade and earthen shoulder					
PCC Portion					
2(115+145)×1.10×0.125					65.00 m³
2(115+145)×0.625×0.075					24.37 m³
2(115+145)×0.625×0.160					52.00 m³
Deduction for Hill					
2(115+145)×0.25×0.125 (-)					16.25 m³
					125.12 m³ (I)
BT Portion					
2(1020+290+80)×1.05×0.210					583.80 m³
2(1020+290+80)×1.025×0.210					569.90 m³
2(1020+290+80)×1.010×0.100					280.78 m³
					1434.48 m³ (II)
Total Qty = (I)+(II) =					1559.60 m³.
~~(18) Cost of reinforcement cement~~					
(18) Cost of embankment with approved material (Local)					
Total Qty in Subgrade Road Cost =					5312.02 m³
Deduction for Subgrade (-)					892.32 m³
WBM (-)					473.36 m³
PCC Portion (-)					159.24 m³
Subgrade Continuation (+)					1559.60 m³
BT Shoulder (+)					16.25 m³
Net Total Qty =					2211.25 m³

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No	L.	B.	D.	Contents of area
(19) Prov and laying hot applied Road marked paint					
2(1020+290+80)×0.100 =					278.00 M²
2(115+145)×0.100 =					52.00 M²
					330.00 M²
(20) Providing and laying 300 mm Red dut paper 12×5.0					60.00 met
(21) P/F and fixing Km Post —					03 Nos
(22) P/F and fixing 200 m Post —					06 Nos
(23) P/F and fixing of Boundary Rilla —					20 Nos
(24) P/F and fixing of direction board —					05 Nos
(25) P/F and fixing of Traffic Sign board					
(i) 600 mm eq Tringle —					03 Nos
(ii) 600 mm Circular —					03 Nos
(iii) 800 mm × 600 mm Rect —					03 Nos
(iv) 600 mm × 450 mm Rect —					03 Nos
(26) P/F and fixing of typical MMGSY logo + Citizen + appt board —					04 Nos
(27) Planting of Trees by the Road Sides					140 Nos

Continuation

22.6.2022
23/06/22
AE

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of Cost					
① Clearing and Grubbing & RR 22 ① P.1					
0.33 Hec @ Rs 51137.38/Hec					Rs 16875/-
② PW and Laying RCC Hume Pipe 22 ② P-1					
1.650 Km @	1250.11	/Km			Rs 20642.00
③ E/W in excavation for Rs 22 ③ P-1					
89.40 m^3 @ Rs	294.70	/m^3			Rs 26346.00
④ PW and Laying PCC M15 in Levelling in ④ P-2					
8.88 m^3 @ Rs	5663.54	/m^3			Rs 50292.00
⑤ PW and Laying M15 Concrete in Pipe in ⑤ P-2					
91.81 m^3 @ Rs	6344.59	/m^3			Rs 582497.00
⑥ PW and Laying 1000 mm dia Hume Pipe in ⑥ P-2					
22.50 Mtr @ Rs	3882.41	/mtr			Rs 87354.00
⑦ Brick Flat Soling in ⑦ P-2					
106.70 m^2 @ Rs	98.80	/m^2			Rs 10542.00

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(8) Excavation for drain Cutting in ⑧ P-3					
165.45 m³ @ Rs 126.24/m³ Rs					16875/-
(9) Cost of ~~earth~~ work in excavated soil in ⑨ P-3					
99.27 m³ @ Rs 96.68/m³ Rs					9597.16
(10) Cost of CC B ~~work~~ in ⑯ P-3 & 4					
891.81 m³ @ Rs 3239.20/m³ Rs					2888718/-
(11) Providing and laying ~~concrete~~ in ⑪ P-4 & 5					
473.38 m³ @ Rs 4479.59/m³ Rs					2120459/-
(12) Cost of ~~reinforcement~~ cement concrete M30 in footing in ⑫ P-5					
159.12 m³ @ Rs 7958.96/m³ Rs					1266430/- 1266460.16
(13) Providing and laying form work in ⑬ P-5					
5316.50 m² @ Rs 44.37/m² Rs					235893/-
(14) Providing and laying ~~form~~ work in ⑭ P-6					
5316.50 m² @ Rs 15.34/m² Rs					81555/-

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) Prov and laying 20 mm thick M.S.S					
Item (15) P. 6					
5316.50 m² @ Rs 245.81/m² Rs					1306849.00
(16) Providing and laying hard shoulders					
Item (16) P-6					
130.00 m² @ Rs 550.81/m² Rs					71605.00
(17) Const of subgrade & earthen shoulder					
Item (17) P-7					
1559.60 m³ @ Rs 183.22/m³ Rs					285750.00
(18) Const of emb with app mat L-1000 m					
Item (18) P-7					
2211.25 m³ @ Rs 196.92/m³ Rs					435780.00
(19) Prov and applying Road ~~marking paint~~					
Item (19) P- 8					
330.00 m² @ Rs 859.46/m² Rs					283622.00
(20) P/L and laying 300 mm R.C.C. drain pipe					
Item (20) P-8					
60.00 Met @ Rs 977.77/m Rs					58666.00
(21) P/L and fixing Km Post					
Item (21) P-8					
03 Nos @ Rs 2306.33/each Rs					6919.00

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(22) P/L and fixing 200m Stone Post					
Item (22) P-8					
06 Nos @ 627.88/each Rs					3767.0
(23) P/L and fixing of 3/Pillar					
It (23) P-8					
20 Nos @ 518.0/each Rs					10360.00
(24) P/L and fixing dirn board					
Item (24) P-8					
05 Nos @ 10158.98/each Rs					50795.0
(25) P/L and fixing Traffic Sign board					
It (25) P-8					
(I) 600mm eq Triangle					
03 Nos @ 3488.0/each Rs					10464.0
(II) 600 mm Circular					
03 Nos @ 4668.32/each Rs					14005.0
(III) 800 mm x 600 mm Rect					
03 No @ 6499.20/each Rs					19498.0
(IV) 600 mm x 450 mm Rect					
03 Nos @ 4547.80/each Rs					13643.0
(26) P/L and fixing of by pass mmdy KM stone marker board					
It (26) P-8					
04 Nos @ 10124.27/each Rs					40497.0

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(27) Planting of Trees by the Road Side as per Item (25) P-8					
140 Nos @ Rs 809.85/each					113379.00
				Rs	10134804.00
Add 12% Profit (+)				Rs	1216176.00
Add 1% P.L. Cess (+)				Rs	101348.40
Add 1.25% P.S. Fee (+)				Rs	126686.00
				Total Rs	11579317.40
Less 1.1% Rebate/Cute				(-)	128530.00
Certified that work has been completed as per specification				Rs	11450787.40

22.6.2022