

SOHSA CHANDA ROAD TO SARNAIPUR

S.C.

PMHSY ROAD

Schedule XLV-Form No. 134

DIVISION

ATUL KRISHNA SUB-DIVISION

MEASUREMENT BOOK

MMHSY-SC

672

672

7th on d/c Bill

46

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
W/Work - Const. of Road from Chank					
Sohsa Chanda Road to Sarva					
- over PMSY Road.					
By Agency - Sri Atul Krishna					
Agreement - NO - 94/SRP/PMSY/299-21					
Agreement Value ₹ 4349509.00					
Date of Work - 24-02-2020					
Date of Completion 23-02-2021					
Date of Measurement - 25-05-2023					
Work done					
① Providing, laying and rolling of					
grated process					
do - as per					
specification					
is (see)					
up to date measurement					
From 0:00 CH					
$1.00 \times 15.00 \times \frac{(8.5 + 3.75)}{2} M = 91.875 M$					
$1" \times 30.0" \times 3.75" = 112.50"$					
$1" \times 20.0" \times 3.75" = 75.00"$					
$1" \times 15.0" \times \frac{(3.75 + 3.05)}{2} = 51.00"$					
$1" \times 30.0" \times 3.05" = 91.50"$					
$1" \times 15.0" \times 3.05" = 45.75"$					
$1" \times 20.0" \times \frac{(3.05 + 3.4 + 3.05)}{3} = 63.333"$					
Continuation					530.958 M ³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				182	532.58m
		120.0	3.05		91.50 "
		10.0	$(3.05 + 2.10)$		$\frac{1}{2} = 25.75$ "
		27.0	$(2.17 + 2.85 + 2.35)$		$\frac{3}{2} = 65.70$ "
212m					
From 212 to 519 U. Avenue					
From 519					
		27.0	$(3.3 + 3.7)$		$\frac{2}{2} = 95.75$ "
		15.0	$(3.5 + 2.9 + 2.7)$		$\frac{3}{2} = 46.75$ "
		25.0	$(2.7 + 3.0)$		$\frac{2}{2} = 71.25$ "
		30.0	3.0		$\frac{2}{2} = 90.00$ "
		18.0	$(3.0 + 3.7)$		$\frac{2}{2} = 60.75$ "
		15.0	$(3.75 + 3.0)$		$\frac{2}{2} = 52.875$ "
		21.0	$(3.3 + 3.0)$		$\frac{2}{2} = 66.15$ "
		15.0	$(3.0 + 2.9)$		$\frac{2}{2} = 44.25$ "
		25.0	$(2.9 + 3.2)$		$\frac{2}{2} = 76.25$ "
		15.0	$(3.2 + 3.5)$		$\frac{2}{2} = 50.25$ "
		15.0	$(3.5 + 3.10)$		$\frac{2}{2} = 49.50$ "
		15.0	$(3.1 + 3.3)$		$\frac{2}{2} = 48.00$ "
		10.0	$(3.3 + 7.2)$		$\frac{2}{2} = 52.50$ "
					Total = 1517.608 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ P/A Tank roof with bitumen emulsion (SS-1)					
do					
is per specification & dir. of SP					
Areas vide item no. ①					
vide TMBB- (46-47)					1517.60 m ²
④ P/A Finer roof with bitumen emulsion (SS-1)					
do					
specification & dir. of SP					
Areas vide item no. ①					
vide TMBB- (46-47)					1517.608 m ²
⑤ Construction of (Bnk grade & earthen shoulder do)					
is per specification & dir. of SP					
Shoulder 3.5'					
$7 \times 2 \times 30.00 \text{ m} \times 0.80 \text{ m} \times 0.60 \text{ m} = 201.60 \text{ m}^3$					
$8 \times 2 \times 30.00 \text{ m} \times 0.80 \text{ m} \times 0.60 \text{ m} = 230.40 \text{ m}^3$					
					total = 432.00 m ³

Continuation

25/05/23
J.E. Kaler

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of Cost					
① setting out work & benchmark - do					
vide T.M.B. (38)					
01 No.	At	3487.48	/	Each	3487.48
② Const. of Reference Pillar - do					
vide T.M.B. (38)					
3 No.	At	1588.03	/	Each	4764.09
③ clearing & grubbing road land - do					
vide T.M.B. (38)					
0.2625 Hect	At	49496.70	/	Hect	12992.88
④ Excavation of roadway - do					
vide T.M.B. (39)					
39.377 m ³	At	74.10	/	m ³	2717.83
⑤ Const. of embankment with material obtained from borrow pit - do					
(from road & land)					
vide T.M.B. (39)					
255.224 m ³	At	175.11	/	m ³	44692.27
⑥ Const. of embankment - do					
(up to 100 m)					
595.523 m ³	At	139.62	/	m ³	83146.92

Continuation

vide T.M.B. (39)					
595.523 m ³	At	139.62	/	m ³	83146.92

Continuation

vide T.M.B. (39)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ Const. of sub-grade + castles shoulder do					
106.50 m ² vide mms-40					
432.00 " " " P-48					
538.50 m ² @ 176.75/m ² ₹ 95179.87					
⑧ Const. of granular sub-base do					
vide mms-39					
265.815 m ³ @ 2214.57/m ³ ₹ 588665.91					
⑨ P/L & Compacting stone layer mms-45					
do					
vide mms-39					
163.166 m ³ @ 3107.77/m ³ ₹ 507082.39					
⑩ P/A primer coat do					
vide mms-48					
1517.608 m ² @ 41.02/m ² ₹ 62252.21					
⑪ P/A tack coat do					
vide mms-48					
1517.608 m ² @ 13.92/m ² ₹ 21125.10					
⑫ P/L & rolling of base-graded premix do					
vide mms-46-47					
1517.608 m ² @ 179.11/m ² ₹ 271818.76					

Continuation

₹ 1698127.79

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					8622858442.12
(18) 640mm Circular					
19					
04 Nos					19843.88
(17) 600mm x 450mm					
20 rectangular do					
02 Nos					9691.24
(18) RCC MIS grade					
21					
08 Nos					4147.68
(19) Road marking with					
23 hot applied thermos-					
plastic Compound					
do					
(1) BT Surface					
81.00 m ²					59567.40
(19) CC Pavement					
64.00 m ²					52302.08
(20) Elevation excavation					
for structure do					
37.75 m ²					9708.97
Continuation					3013701.37

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				130.530	3701.37
(21) Providing for 2000					
20	Scaping	do			
				vide 877038-(43)	
4.26 m ²	@ ₹ 442.06/m ²				₹ 1912.99
(22) Providing Rec. 01-15					
27	in front	do			
				vide 877038-(43)	
3.23 m ²	@ ₹ 4354.84/m ²				₹ 14066.13
(23) Brick masonry					
28	with 10% cement				
				vide 877038-(43)	
28.04 m ²	@ ₹ 5351.59/m ²				₹ 150058.58
(24) Providing Rec. 140					
29	140 pc	do			
				vide 877038-(43)	
15.0 m	@ ₹ 2637.92/m				₹ 39568.80
(25) Plastering with					
30	cm (1:4)	do			
				vide 877038-(44)	
28.04 m ²	@ ₹ 132.34/m ²				₹ 3710.81
					₹ 322301868
Add 12% GST					₹ (+) 386762.24
Add 01% Lab. Chgs					₹ (+) 32230.18
					₹ 3642011.10

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Rs. ₹ 3642011.10
less 10% as per Ag 26.76					₹ 364201.11
					Balance ₹ 3277810.00
Less Premium on A/c 1877					₹ 2909790.00
					Balance ₹ 368020.00
					25/05/23
					SE, K. M. 12
Material Statement					
① Earth					432.00 m ³
② Stone chips					0.988 m ³ @ ₹ 470.00/m ³
③ Bitumen - Emulsion					(Up to date)
Total					SS-1 = 1.290 m ³ RS-1 = 0.417 m ³
④ Bitumen VG-10					2883 m ³
(up to date)					Total
					25/05/23
					SE, K. M. 12