

44-3084

Schedule XLV-Form No. 134

Tilwaria More To Saraya DIVISION

Agency - Nitesh Kr Singh SUB-DIVISION

MEASUREMENT BOOK

1822

Name of work— 1
 Situation of work—
 Agency by which work is executed—
 Date of measurement—
 No. and date of agreement. Ist on A/c Priu
 (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.	
Abuse A Road- Tilbaria Moha to					
Saraiya Road					
Pkg No- MR- N/ 19-20 / Jha 14 / 04					
Agency- Nitesh Kumar Singh					
At- Kalyanpur P.O. P.S. Dist Jharkhand					
Ag. No- 67 / MBD / MR- N / 2020-21					
Date of Commencement					
Date of Completion					
Construction -					
Material Cost -					

Date of Measurement - 11.5.2021

Date of Entry - 12.5.2021

1. Clearing & Grubbing

Road land including

uprooting wild Vegetation

$2 \times 10 \times 30.0 \times 0.75 = 450.00 M^2$

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Total 3150.00 M²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
10	c.c. Pavement				
12	Const'n of p.c.c. thickness over a prepared sub-base with 43 grade cement				
	$10 \times 3.75 + 6.0 + 3.75 \times 0.100$				$4.58 M^3$
	3				
	$5 \times 30.0 \times 3.75 \times 0.100$				$56.25 M^3$
	$5 \times 30.0 \times 3.75 \times 0.100$				$56.25 M^3$
	$14 \times 3.75 + 5.8 + 3.75 \times 0.100$				$6.20 M^3$
	3				
	$5 \times 30.0 \times 3.75 \times 0.100$				$56.25 M^3$
	$16 \times 3.75 + 4.2 + 3.75 \times 0.100$				$6.67 M^3$
	3				
	$06 \times 30.0 \times 3.75 \times 0.100$				$67.50 M^3$
	$10 \times 3.75 + 4.80 + 3.75 \times 0.100$				$4.10 M^3$
	3				
	$4 \times 30.0 \times 3.75 \times 0.100$				$45.00 M^3$
	$16 \times 3.75 + 4.80 + 3.75 \times 0.100$				$6.56 M^3$
	3				
	$14 \times 3.75 + 4.60 + 3.75 \times 0.100$				$5.64 M^3$
	3				
	$30 \times 3.75 \times 0.100$				$11.25 M^3$
	$14 \times 3.75 + 6.0 + 3.75 \times 0.100$				$6.30 M^3$
	3				
	$16 \times 3.75 + 5.90 + 3.75 \times 0.100$				$7.14 M^3$
	3				
	$10 \times 3.75 + 6.10 + 3.75 \times 0.100$				$4.53 M^3$
	2				
					$344.08 M^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11 Hard shouldering					
13 Laying brick Soling layers					
on prepared sub-grade					
with bricks on end laying					
Soling					
$2 \times 10 \times 30 \times 0.50 = 300 \text{ M}^2$					
$2 \times 6 \times 30 \times 0.50 = 180 \text{ M}^2$					
$2 \times 1 \times 30 \times 0.50 = 30 \text{ M}^2$					
$2 \times 7.0 \times 0.50 = 7 \text{ M}^2$					
					517.0 M ²

12 R.c.c. K.M stone					
15 3 No					

13 200 M stone					
16 12 Nos					
14 Providing & fixing of					
17 Typical MR (30x4)					
information Sign Board					
with 'logo'					
1 No					

15 citizen information Board					
18 1 No					

16 direction & place identification					
20 Retro-Reflecterised Sign Board					
$4 \times 1.25 \times 0.80 = 4.0 \text{ M}^2$					
limited to 3.84 M ²					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
17 Planting of trees 22 by the Road side 50 no					
18 R.C.C. M.S. grade 23 Boundary Pillar 29 no					
19 Road strips 24 2x182 96 no					
20 Road Marking Paint 25 2x300x0.5 12 M ²					
21 900 mm equilateral 27 triangle					

22 600 mm circular
28 411.5

23 600 mm x 450 mm rectangular
29 411.5

24 Road Marking with Hot-
30 Applied Thermoplastic
Compound with reflective
glass beads on bituminous
surface

2x10 x 30.0 x 0.1 W	60.0 M ²
2x20.0 x 30.0 x 0.1 W	120.0 M ²
2x10 x 30.0 x 0.1 W	60.0 M ²
2x10 x 30.0 x 0.1 W	60.0 M ²
2x10 x 30.0 x 0.1 W	60.0 M ²

2x6 x 30.0 Continuation
2x1 x 20.0 x 0.1 W

36.0 M²
09.0 M²
400.00 M²

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
25 31 Road Making with Hot Applied Thermo plastic Compounded with Reflector's & glass beads on Concrete Surface					
					$2 \times 10 \times 30.0 \times 0.100 = 60.0 \text{ WM}^2$
					$2 \times 10 \times 30.0 \times 0.100 = 60.0 \text{ WM}^2$
					$2 \times 10 \times 30.0 \times 0.100 = 60.0 \text{ WM}^2$
					180.0 WM^2
26 32 Bitum + CM (1:3) in Asphalt					
					$2 \times 6.15 \times 0.40 \times 0.60 = 2.952 \text{ M}^3$
					$3 \times 2 \times 2.60 \times 0.70 \times 0.40 = 4.368 \text{ M}^3$
					7.320 M^3
27 Planting with CM (1:4)					
32					
s/s -					$2 \times 6.15 \times 3.78 = 46.494 \text{ M}^2$
g/s					$2 \times 6.15 \times 0.600 = 7.380 \text{ M}^2$
Top					$2 \times 6.15 \times 0.400 = 4.920 \text{ M}^2$
End					$4 \times 0.40 \times 0.60 = 0.960 \text{ M}^2$
					59.754 M^2
len					$2 \times 0.7857 \times 1.23^2 = (-) 2.377 \text{ M}^2$
					57.377 M^2
Fur 2NS x					$57.377 \text{ M}^2 \times 114.754 \text{ M}^2$
s/s -					$3 \times 2 \times 3.60 \times 3.38 = 73.008 \text{ M}^2$
g/s					$3 \times 2 \times 3.60 \times 0.60 = 12.960 \text{ M}^2$
Top					$3 \times 2 \times 3.60 \times 0.40 = 8.640 \text{ M}^2$
End					$3 \times 4 \times 0.70 \times 2.18 = 18.312 \text{ M}^2$
len					$3 \times 2 \times 0.7857 \times 1.23^2 = (-) 3.249 \text{ M}^2$
					87.467 M^2

$2 \times 10 \times 30.0 \times$	0.90×0.30	$= 162.00 M^3$
$2 \times 10 \times 30.0 \times$	0.95×0.30	$= 171.00 M^3$
$2 \times 10 \times 30.0 \times$	0.96×0.30	$= 162.00 M^3$
$2 \times 10 \times 30.0 \times$	0.9×0.30	$= 162.00 M^3$
$2 \times 3 \times 30.0 \times$	0.80×0.30	$= 43.20 M^3$
$2 \times 1 \times 27.0 \times$	0.80×0.30	$= 12.96 M^3$
$2 \times 10 \times 30.0 \times$	0.55×0.30	$= 99.00 M^3$
$2 \times 2 \times 30.0 \times$	0.50×0.30	$= 18.00 M^3$
$2 \times 1 \times 23 \times$	0.40×0.30	$= 5.52 M^3$
		$1564.68 M^3$
Prakash 11-5-2021 JL 11-5-2021 AR		

Continuation

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Material Statement of Bill in -					
(i) Stone Jagg	270	7.19			m^3
(ii) Coarse Sand -	249			158	m^3
(iii) morrum -	247	2	10		
(iv) Stone Screening -	33	75			m^3
(v) prime coat (SS-4)				1.59	$4 m^T$
(vi) Tack coat (RS-1)				2.609	m^T
(vii) Bit (S-90)				3.562	m^T
(viii) Stone chips -				321.60	m^3
(ix) Bit (S-65)				22.74	m^T
(x) Cement	2487				bags
(xi) Bricks -	35	820			m^2
(xii) fine Sand -				20.68	m^3
(xiii) Earth -				1564.68	m^3
<u>Total</u>					
12-5-2021					
36					