

N/ROAD:- Fakuli (To 6) To Chaijpur-Chandhar

MR-3054.

Schedule XLY-Form No. 134

M.B NO - 809

R.W.D - MADHURA

Block - PANAPUR

DIVISION

PANAPUR

SUB-DIVISION

AGENCY :- LALAKH. KUMAR

Measurement Book

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.	L.	B.	D.	
<u>1st on A/c Bill</u>					
Name of work - H.R. of Road					
from Pakuli (To) To					
chain purchasing					
N/Agency: - Lalam kumar.					
Agg No: - 15/MR/MBD/2020-21					
30541					
Date of start: - 23.09.2020					
Date of comp: - 22.06.2021					
Account B - 9583086.12					

(1) clearing and grubbing
of Road land etc

$$2 \times (9.50 + 7.30 + 2.650) \times 1.0 = 86.60$$

or 0.866 Hec

(2) Construction of ~~Subgrade~~
~~road~~ with app material

Thickness of 175 mm

1st km - $20 \times 1.50 \times 1.0 = 30.00 \text{ m}^2$

2nd km - $12 \times 1.25 \times 1.0 = 15.00 \text{ m}^2$

3rd km - $18 \times 1.25 \times 1.50 = 33.75 \text{ m}^2$

4th km - $16 \times 1.0 \times 1.50 = 24.00 \text{ m}^2$

5th km - $15 \times 1.0 \times 1.50 = 22.50 \text{ m}^2$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
" 14	14	1.25	1.50		26.25 m ²
alt - 24	24	1.00	1.50		36.00 "
Staken - 12	12	1.00	1.50		12.00 "
					199.50 m ² (A)

Thickness of 150 mm.

Pst	12	2.00	1.50		36.00 m ²
	8	2.00	2.00		32.00 "
	10	1.25	1.00		12.50 "
2nd	14	2.00	2.00		56.00 "
	10	2.00	1.50		30.00 "
3rd	15	2.00	2.00		60.00 "
	16	1.25	1.00		20.00 "
4th	18	2.00	1.50		54.00 "
Σ					

Staken - 6 x 2.00 x 2.00 = 24.00 "

324.50 m² (B)

Thickness of 100 mm.

Pst	15	1.50	2.00		45.00 m ²
"	20	1.25	1.50		37.50 "
2nd	22	2.00	1.50		66.00 "
"	10	1.00	2.00		20.00 "
"	2	2.00	2.00		8.00 "
3rd	16	1.50	2.00		48.00 "
	10	2.00	2.00		40.00 "
	8	3.00	1.00		6.00 "
4th	18	2.00	1.50		54.00 "
5th	12	2.00	2.00		48.00 "

Continuation

372.50 m² (C)

Scanned with CamScanner

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Banding and applying Prime Coat					
Area of same					
As (4)					$= 2510.74 \text{ m}^2$
(6) Banding and applying Tack Coat					
Area same as (5)					$= 2510.74 \text{ m}^2$
(7) Banding and Laying 20mm thick U.S.S					
Area same as (6)					$= 2510.74 \text{ m}^2$
(8) Banding and applying Tack Coat					
					$(9.50 + 7.30 + 2.650) \times 3.75 = 16237.50 \text{ m}^2$
(9) Banding and Laying 25mm thick SDBC					
					$(9.50 + 7.30 + 2.650) \times 3.75 = 16237.50 \text{ m}^2$
					Qty = $16237.50 \text{ m}^2 \times 0.025 = 405.94 \text{ m}^3$
(10) Cost of Subgrade and Laying Shoulder					
					$2(9.50 + 7.30 + 2.650) \times 0.70 \times 0.30 = 1818.60 \text{ m}^3$
					Less - $2 \times 12.0 \times 0.70 \times 0.30 = 5.04 \text{ m}^3$
					Continuation $2 \times 2.5 \times 0.70 \times 0.30 = 10.50 \text{ m}^3$
					1803.06 m^3

Sch. XLV Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) Providing and applying hot applied thermoplastic compound for Road marking					
					$2(9.50+7.30+2.65) \times 0.10 = 8.66 \text{ m}^2$
(12) Bonding and fixing of ordinary kerb					05 Nos
(13) Bond and fixing of 200 mm kerb					18 Nos
(14) Bond and fixing of Boundary Rollin					36 Nos
(15) Bonding and fixing of drain cover					
					$2 \times 1.20 \times 0.80 = 1.92 \text{ m}^2$
(16) Bonding and fixing of Traffic Sign board					
(17) Commune equilateral Triangle					48 Nos
(22) Commune Circular					48 Nos
(222) 600 mm x 450 mm Rectangular					17 Nos

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) planting of Tree bye the Roadside -					
					= 21 Nos
(18) Branding and painting of typical Logo + Centre + maintenance Board -					04 Nos
(19) Branding Bldg in campus					
					$2 \times 3.00 \times 0.40 \times 0.60 = 1.44 \text{ m}^3$
					$2 \times 4.15 \times 0.40 \times 0.60 = 1.99 \text{ m}^3$
					$2 \times 6.00 \times 0.40 \times 0.60 = 2.88 \text{ m}^3$
					$2 \times 6.00 \times 0.40 \times 0.50 = 2.40 \text{ m}^3$
					8.71 m^3
					Curly let no Per Aff = 8.64 m^3

(20) Branding Plaster in
(1-4) etc. m²

$2 \times 2 \times 3.00 \times 0.60 = 7.20 \text{ m}^2$
$1 \times 2 \times 3.00 \times 0.40 = 2.40 \text{ m}^2$
$2 \times 2 \times 4.15 \times 0.60 = 9.96 \text{ m}^2$
$1 \times 2 \times 4.15 \times 0.40 = 3.32 \text{ m}^2$
$2 \times 2 \times 6.00 \times 0.60 = 14.40 \text{ m}^2$
$1 \times 2 \times 6.00 \times 0.40 = 4.80 \text{ m}^2$
$2 \times 2 \times 6.00 \times 0.60 = 14.40 \text{ m}^2$
$1 \times 2 \times 6.00 \times 0.40 = 4.80 \text{ m}^2$
<u>61.28 m^2</u>

Continuation

Area let no Per Aff = 60.48 m^2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(21) Bonding Portland Cement coat on new Surface					
Area, incl 20	(20)	—			61.28 m ²
$2 \times 2 \times 6.40 \times 1.00 =$					24.00 m ²
$2 \times 2 \times 6.40 \times 1.40 =$					33.60 m ²
$2 \times 2 \times 6.40 \times 1.40 =$					24.00 m ²
					1
					Result 42 142.88 m ²
<u>Checked</u> 5-10-2021 GE <u>AP</u> 06/10/21 AE					

Abstract of Cost

① Clearing and grubbing
of RLW

24① P-1

0.866 Hec @ 49496.70/Hec 42864.0

② Const of CRB gr-II

20② P-224

120.83 m³ @ 2492.41/m³ 301158.0

③ Form and laying work

14③ P-324

124.45 m³ @

124.45 m³ @ 4710.78/m³ 586257.0

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ Brack and Layering Wm (m ³)					
24-④ P-4					
188.30 m ³ @ 1192.23/m ³					78939.7 ⁰⁰
⑤ Brack and Layering Prime Soil					
24-⑤ P-5					
2510.74 m ² @ 44.29/m ²					110366.8 ⁰⁰
⑥ Brack and Layering Coil					
24-⑥ P-5					
2510.74 m ² @ 14.00/m ²					35150.36 ⁰⁰
⑦ Brack and Layering thick m.s.s					
24-⑦ P-5					
2510.74 m ² @ 229.69/m ²					576692.00
⑧ Brack and Layering Packed Soil					
12-⑧ P-5					
16237.50 m ² @ 11.74/m ²					190628.00
⑨ Brack and Layering thick soil					
24-⑨ P-5					
405.94 m ³ @ 11287.46/m ³					4582032.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Cost of Subgrade and earth shoulder at (10) P.S					
1803.04 m ³ @ 176.75/m ³					318691.00
(11) Bar and piling of Road margin for 200 ft at (11) P.S					
866.00 m ² @ 735.40/m ²					636856.00
(12) Bar and piling of 1200 ft at (12) P.S					
05 Nos @ 2396.95/each					11985.00
(13) Bar and piling of 200 ft at (13) P.S					
18 Nos @ 651.40/each					11752.00
(14) Bar and piling of Boundary Wall at (14) P.S					
36 Nos @ 515.43/each					18555.00
(15) Bar and piling of 1200 ft at (15) P.S					
1.92 m ² @ 12419.43/m ²					23845.00
(16) Bar and piling of Traffic Sign at (16) P.S					
(17) 600 mm x 900 mm at (17) P.S					
48 Nos @ 3705.32/each					177855.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(52) 600 mm dia Corrug					
24-16(11) P-6					
08 Nos @ 3804.67 each					30437.0
(52) 600 mm x 450 mm Reel					
24-16(11) P-6					
17 Nos @ 3675.55 each					62484.0
(17) Planting of Tree by the Road Side					
24-17 P-7					
211 Nos @ 800.30 each					168863.0
(18) Boundary Marking of typical					
1000 + 1000 + 1000 + 1000 + 1000					
24-18 P-7					
04 Nos @ 9438.97 each					37756.0
(19) Area m ² in area (1:20)					
24-19 P-7					
8.64 m ² @ 5102.64/m ²					44087.0
(20) Boundary Marking on					
8/10 24-20 P-7					
60.48 m ² @ 155.19/m ²					9386.0
(21) Area Painting for					
Coat on new Surface					
24-21 P-8					
142.88 m ² @ 95.63/m ²					13664.0
					87740.62.0

Continuation

