

અનુભૂતિ કરી શકતું હોય  
એવી વિગતે પણ આપી શકતું હોય  
100 વર્ગ મીટર્સ એવી બાબતની  
બાબતી 100 વર્ગ મીટર્સ  
490121 એવી બાબતી

Vijayalakshmi  
Executive Engineer  
R&D Works Division  
Patridayal  
1-7-21

Sch. XLV - Form No. 134

4025/Gen/2 DIVISION

4018/ SUB-DIVISION

**Measurement Book**

No.

1042

Name \_\_\_\_\_

Date of first entry \_\_\_\_\_

Date of last entry \_\_\_\_\_

## Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
<u>2nd on A/c bill</u>						
<u>Name of work - Constn of road</u>						
<u>from Mathia Champaipur road to</u>						
<u>Barashankar Uttari Tola</u>						
<u>under MMSW(B) Bids</u>						
<u>Agency - M/S Uttar Bihar Const</u>						
<u>C.O.</u>						
<u>Agreement No - 07 SBD/2021-22</u>						
<u>Agreement value - 1,08,840/-</u>						
<u>Date of work order - 16/12/2021</u>						
<u>Date of completion - 15/12/2022</u>						
<u>Record Entry</u>						
<u>Constn of road work</u>						
<u>2. N.B. <math>\Rightarrow</math> 1000 mm <math>\phi</math> H. P. culvert</u>						
<u>(1) F.I.W. in excavation</u>						
<u>for foundation</u>						
<u>H.W. 2.1 x 6.450 x 1.550 x 1.65 = 33.49<math>m^3</math></u>						
<u>below pipe - 1 x 5.10 x 1.53 x 0.54 = 4.13<math>m^3</math></u>						
<u><math>37.62 m^3</math></u>						
<u>For 2. N.B. - 2 x 37.62 = 75.24<math>m^3</math></u>						
<u>(2) Prov. sand filling in</u>						
<u>found'ly trenches</u>						
<u>H.W. 2.1 x 6.450 x 1.560 x 0.100 = 2.000<math>m^3</math></u>						
<u>below pipe 1 x 5.193 x 1.530 x 0.100 = 0.86<math>m^3</math></u>						
<u><math>2.86 m^3</math></u>						
<u>For 2 N.B. - 2 x 2.86 = 5.72<math>m^3</math></u>						
<u>Continuation</u>						

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

(3) Prov m B/F/S (in founds)					
H.W - 2	X	6.450	V 1.550	= 19.99 <sup>ft^3</sup>	
below pipe	1	X 5.653	V 1.530	= 6.65 <sup>ft^3</sup>	28.64 <sup>ft^3</sup>

$$\text{For } 2 \text{ Nos} = 2 \times 28.64 = 57.28 \text{ ft}^3$$

(4) Prov m Rec M/S (in founds)					
H.W - 2	X	6.30	X 1.40 X 0.150	= 2.65 <sup>ft^3</sup>	
below pipe	1	X 5.766	V 1.530 X 0.56	= 4.85 <sup>ft^3</sup>	
Less for pipe	0.188	X 0.7857	V 1.23 V 5.955	= 1.33 <sup>ft^3</sup>	6.17 <sup>ft^3</sup>

$$\text{For } 2 \text{ Nos} + 2 \times 6.17 = 12.34 \text{ m}^3$$

~~SA Alex~~  
~~0.141022~~  
 S.E.

### Record Entry

#### (1) Brick Masonry working

c m (1:4) in headwall

H.W - 2	X	6.150	X 0.825 X 2.45	= 25.01 <sup>ft^3</sup>	
Pomrapet	2	X 6.150	X 0.40 X 0.60	= 2.95 <sup>ft^3</sup>	
Less pipe	2	X 0.7857	V 1.23 X 0.612	= 1.45 <sup>ft^3</sup>	26.51 <sup>ft^3</sup>

$$\text{For } 2 \text{ Nos} = 2 \times 26.51 = 53.02 \text{ ft}^3$$

# Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Constn of Benchmark.					
	Q-VTMBP 6(1)	= 1.400 Km			
	c/f 8415.301 Km/h	1178 = a			
② Constn of Ref. Pillar					
	Q-VTMBP 6(2)	= 1.400 Km			
	c/f 4922.441 Km/h	6891 = a			
③ Clearing and grubbing					
	road land				
	Q-VTMBP 6(3)	= 0.42 hect			
	c/f 51137.381 hect	21478 = a			
④ Constn of embankment					
(5)	load upto 1000 t				
	Q-VTMBP 6(4)	= 1444.50 m <sup>3</sup>			
	c/f 189.951 m <sup>3</sup>	274383 = a			
⑤ Constn of subgrade					
(6)	and earthen shoulder				
	Q-VTMBP 6(5)	= 3951.371 t			
	c/f 191.64 M <sup>3</sup>	7,572.41 = a			
⑥ Excavation for roadway					
(7)	(box cutting)				
	Q-VTMBP 6(6)	= 6.56 M <sup>3</sup>			
	c/f 75.50 M <sup>3</sup>	495 = a			
⑦ Burn granular sub					
(8)	bare gr. I.				
	Q-VTMBP 6(7)	= 1075.50 M <sup>3</sup>			
	c/f 2943.07 M <sup>3</sup>	3165272 = a			
Continuation - 4237541 = a					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
( <u>15</u> ) ( <u>33</u> ) Brown sand filling					
Q-VTMBP 10 (D) =	5.72 M <sup>3</sup>				
c. h - 438.871 m <sup>2</sup> R - 2510 = 00					
( <u>16</u> ) ( <u>34</u> ) Brown B.F.S infilled					
Q-VTMBP 11 (D) =	57.28 M <sup>3</sup>				
c. h - 291.741 m <sup>2</sup> R - 1671 = 00					
( <u>17</u> ) ( <u>35</u> ) Brown P.C.M 15 infilled					
Q-VTMBP 11 (D) =	12.34 M <sup>3</sup>				
c. h - 580.401 m <sup>2</sup> R - 7162 = 00					
( <u>18</u> ) ( <u>36</u> ) Brick Masonry work					
em (1:4) in headcorn					
Q-VTMBP 11 (D) =	53.02 M <sup>3</sup>				
c. h - 560.789 m <sup>2</sup> R - 297326 = 00					
( <u>19</u> ) ( <u>37</u> ) Brown and laying 1000mm dia. Re Pipe H/3					
Q-VTMBP 12 (D) =	15.04 M <sup>3</sup>				
c. h - 3962.961 m <sup>2</sup> R - 594444 = 00					
( <u>20</u> ) ( <u>38</u> ) Plastering with em (1:4)					
Q-VTMBP 12 (D) =	72.80 M <sup>2</sup>				
c. h - 177.54 m <sup>2</sup> R - 12925 = 00					
( <u>21</u> ) ( <u>39</u> ) Brown 1.5 mm cement pounding					
Q-VTMBP 12 (D) =	26.52 M <sup>2</sup>				
c. h - 57 = 161 ft R - 1516 = 00					
	R - 7643339 = 00				

## **Continuation**