

FDK - 2021-22  
Schedule XLV-Form No.-134

~~W.M.Y.2125~~

DIVISION

~~W.M.Y.2125~~

SUB-DIVISION

W.M.Y.2125 -  $\frac{1}{21-22}$

**MEASUREMENT BOOK**

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Name of Work - Restoration of Road from Top to Dhanayga under F.D.R Authority - E.E. R.S.P (a) Dist. Phulpur Agency - Departmental					
Date of Measurement - 22. 9. 21					
Date of entry - 5. 5. 22					
(1) Restoration of Road					
embankment using					
Brick bats --- c/c					
CH. 70 - 95 M					
$1 \times 25.0 \times 1.20 \times 0.150 = 4.50 \text{ m}^3$					
CH. 80 - 98 M					
$1 \times 18.0 \times 1.20 \times \frac{0.10 + 0.15}{2} = 2.70 \text{ m}^3$					
CH. 80 M - 80.5 M					
$2 \times 5.0 \times 0.50 + 1.00 + 0.30 + 0.15 = 1.80 \text{ m}^3$					
CH. 82 M - 83.5 M					
$1 \times 15.0 \times \frac{0.70 + 1.20}{2} + 0.30 + 0.150 = 3.20 \text{ m}^3$					
CH. 90 M - 90.4 M					
$2 \times 2.0 \times \frac{0.50 + 1.0}{2} \times 0.300 = 0.90 \text{ m}^3$					
CH. 92 M - 92.2 M					
$2 \times 2 \times 0.500 \times 0.800 \times 0.150 = 0.32 \text{ m}^3$					
CH. 100 M - 100.5 M					
$1 \times 3.0 \times 0.500 \times 0.700 \times 0.200 = 0.45 \text{ m}^3$					
$1 \times 2.0 \times 0.90 + 0.6 \times 0.150 = 0.18 \text{ m}^3$					
$1 \times 2.0 \times 0.30 + 0.50 \times 0.150 = 0.12 \text{ m}^3$					
					$14.246 \text{ m}^3$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CF. 1051 - 1064M.					
					BF. 14.24628
	17 9.00 + 9.300 = 0.500	0.500	0.1500		0.24
		2			
	17 2.00 + 0.300 = 0.500	0.500	0.150		0.12
		2			
CF. 1300 - 1308M.					
	27 9.00 + 1.0 + 1.20 = 0.500	0.500	0.150		1.32.
		2			
	27 9.00 + 1.0 + 1.20 = 0.500	0.500	0.150		1.32.
		2			
CH. 1700 - 1742M.					
	42 0.90 + 1.90 = 1.20 + 0.50 = 0.80, 48.30	0.80	0.50		
		2			
					2
CH. 1748 - 1750M.					
	12.0 + 1.50 + 2.50 = 1.20 + 0.50 = 20.40	2.50	0.50		
		2			
CH. 1760 - 1776M.					
	17 5.00 + 1.20 + 2.0 = 0.500 + 0.400 = 5.75.	2.0	0.500		
		2			
CH. 2630 - 2632M.					
	17 2.00 + 0.500 + 1.00 = 0.150 = 0.225.	0.500	0.150		
		2			
CH. 2635 - 2663M.					
	17 28.00 + 1.0 + 1.20 = 0.10 + 0.20 = 5.52	1.0	0.10		
		2			
	17 18.00 + 1.50 + 1.25 = 0.100 = 4.50	1.50	0.100		
		2			
CH. 3040 - 3046M.					
	17 6.0 + 1.0 + 1.50 = 0.6 + 0.30 = 3.375.	1.0	0.30		
		2			
	17 2.50 + 1.0 + 1.25 = 0.500 + 0.3 = 1.125	1.0	0.3		
		2			
					105.557 m <sup>2</sup>

### Protection work.

(1) Labour for 62 m<sup>2</sup> to 7.5 m<sup>2</sup>.

5.2620 Piling.

Total length = 22 + 30 = 52 m

No. of Piles = 41 + 54 = 95 Nos

Total length of Pile = 37.75 = 285 m.

Driving depth of 1 Pile = 1.50 + 9.5 = 142.50 m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) Subbling of 62 m <sup>2</sup>					
75 mm bamboo gate					
including carriage.					
$280 \text{ m} / 64 = 4.8 \text{ NH}$					
(3) Prov. filling & filling of					
EC bags - CW					
$1 \times 22.00 \times 0.60 + 0.90 \times 0.60 \times 0.90 = 12.375 \text{ m}^3$					
$1 \times 30 \times 0.60 + 1.00 \times 1.00 \times 0.80 = 35.225.$					
$1 \times 6.0 \times 0.60 + 0.60 \times 0.60 \times 1.00 = 5.76$					
$54.36 \text{ m}^3$					
$Q.F. 54.36 = 1598 \text{ bags}$					
$0.03 \times$					

~~1422~~ ~~5.5.022~~ ~~Summ~~ ~~5.5.022~~  
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### Abstract of cost

(1) Restoration of Road		
overbankment cutting		
brick bats --- etc		
105.55 m <sup>3</sup>	Y.R.T.M.B	
$\text{@ } 1907 = 421 \text{ m}^3 \text{ @ } 201,330/-$	P-18	
Adm G.S.T 12% 8 24160/-		
Adm L.C. 5% 8 2013/-		
S.Fee - 8 10893/-		
$8 2,38,396/-$		
		(A)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Protection Calculations					
W.L Labour for 62 mm					
75mm bamboo Pilings.					
198 N.D.					
		Vide TMB			
		P-18			
	Q.D 46.01 / m		.8		6556.00
(2) Supplying at 62 mm to					
75mm bamboo including					
Carriage.					
48 N.D		Vide TMB			
		P-19			
	Q.D 185/area		-		8880.00
(3) Providing & filling E.C.					
bags - - - - -					
1592 bags					
Q.D 24.13/each - 8					39011.00
Amt G.S.T - 12%					54507.20
C.C. 1%					545.60
Total cost - (A) + (B)					61583.60
= 238395.00 + 54567.00					61583.60
Total - R. 2 99989.00					
<u>Ladas</u>					
15.5.022					
JD					
<del>G.S.T</del>					
5.5.02					