

FDR - Jagdishpur Mulhya Marg to Machhargawan path

Schedule XLV-Form No. 134

DIVISION

09
01127

SUB-DIVISION

1772

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Name of Road: <u>Longdeshpur to Mahharajganj</u>					
<u>Road under Flood</u>					
Agency: <u>Departmental</u>					
Block: <u>Madan</u>					
Division: <u>Bathra</u>					
District: <u>West Champaran</u>					
Authority: <u>Executive Engineer R.W.D</u>					
<u>Water Division Bathra</u>					
Item (1) <u>Brick Bats</u>					
RECORD MEASUREMENT					
$1 \times 5.0 \times 3.0 \times 0.3$					$= 4.5 \text{ m}^3$
$1 \times 6.0 \text{ m} \times \frac{2.8+3.1}{2} \times 0.3 + 0.6$					$= 7.96 \text{ m}^3$
$1 \times 15 \text{ m} \times \frac{3.2+4.1}{2} \times 0.3 + 0.6$					$= 45.1 \text{ m}^3$
$1 \times 4.1 \times \frac{5.0+4.8}{2} \times 0.3 + 0.6$					$= 8.82 \text{ m}^3$
$1 \times 5.1 \times \frac{2.9+3.1}{2} \times 0.3 + 0.6$					$= 6.75 \text{ m}^3$
$1 \times 9.0 \times \frac{3.8+4.2}{2} \times 0.3 + 0.6$					$= 16.2 \text{ m}^3$
$1 \times 15.0 \times \frac{3.8+4.2}{2} \times 0.3$					$= 18.0 \text{ m}^3$
$1 \times 5.0 \times \frac{2.8+3.0}{2} \times 0.3$					$= 4.35$
$1 \times 11.0 \times \frac{2.8+3.1}{2} \times 0.3 + 0.6$					$= 17.1$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
		$1 \times 5.0 \times \frac{2.4+3.6}{2}$	$\times \frac{0.3+0.6}{2}$		$= 5.625$
		$1 \times 5.0 \times \frac{3.8+4.0}{2}$	$\times \frac{0.3+0.6}{2}$		$= 5.775$
		$1 \times 5.1 \times \frac{3.8+4.0}{2}$	$\times \frac{0.45+0.45}{2}$		$= 18.72$
		$1 \times 4.1 \times \frac{3.4+3.6}{2}$	$\times \frac{0.3+0.6}{2}$		$= 6.30$
		$1 \times 7.0 \times \frac{2.4+2.6}{2}$	$\times \frac{0.3+0.6}{2}$		$= 7.875$
		$1 \times 45.0 \times \frac{2.2+2.3}{2}$	$\times \frac{0.3+0.45}{2}$		$= 37.96$
		$1 \times 5 \times 1.25$	$\times \frac{0.3+0.6}{2}$		$= 2.81$
		$1 \times 11.0 \times \frac{3.6+3.8}{2}$	$\times \frac{0.3+0.6}{2}$		$= 18.37$
		$1 \times 6.5 \times \frac{1.6+1.8}{2}$	$\times \frac{0.3+0.2}{2}$		$= 2.26$
		$1 \times 7.1 \times \frac{3.8+4.0}{2}$	$\times \frac{0.3+0.6}{2}$		$= 12.28$
		$1 \times 5.0 \times \frac{8+2.4}{2}$	$\times \frac{0.3+0.2}{2}$		$= 2.375$
		$1 \times 4.0 \times \frac{1.8+2.0}{2}$	$\times \frac{0.3+0.6}{2}$		$= 3.42$
		$1 \times 10.0 \times \frac{3.8+4.0}{2}$	$\times \frac{0.45+0.45}{2}$		$= 21.15$
		$1 \times 1.5 \times \frac{1.9+2.1}{2}$	$\times \frac{0.3+0.45}{2}$		$= 1.125$
		$1 \times 3.0 \times \frac{1.7+2.1}{2}$	$\times \frac{0.3+0.45}{2}$		$= 2.25$
		$1 \times 5.0 \times \frac{1.6+1.4}{2}$	$\times \frac{0.3+0.6}{2}$		$= 3.375$
		$1 \times 3.0 \times \frac{1.8+2.0}{2}$	$\times \frac{0.3+0.45}{2}$		$= 2.55$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		$1 \times 3.5 \times 3.5 + 4.1$	$\frac{2}{2}$	$\times 0.3 + 0.6$	$= 6.3 \text{ m}$
		$1 \times 1 \times 1 \times 0.3$			$= 0.30 \text{ m}^2$
		$1 \times 7.0 \times 3.8 + 4.4$	$\frac{2}{2}$	$\times 0.3 + 0.6$	$= 12.28$
		$1 \times 2.5 \times 4.3 + 4.5$	$\frac{2}{2}$	$\times 0.45 + 0.6$	$= 19.63$
		$1 \times 3.0 \times 3.9 + 4.0$	$\frac{2}{2}$	$\times 0.45 + 0.6$	$= 18.66$
		$1 \times 9.3 \times 3.9 + 4.1$	$\frac{2}{2}$	$\times 0.45 + 0.6$	$= 13.28$
		$1 \times 9.5 \times 2.0 + 1.8$	$\frac{2}{2}$	$\times 0.3 + 0.6$	$= 8.12$
		$1 \times 3.0 \times 1.6 + 1.4$	$\frac{2}{2}$	$\times 0.3 + 0.6$	$= 2.12$
		$1 \times 10.1 \times 3.8 + 4.0$	$\frac{2}{2}$	$\times 0.45 + 0.6$	$= 20.47$
		$1 \times 3.4 \times 3.9 + 4.0$	$\frac{2}{2}$	$\times 0.45 + 0.6$	$= 17.41$
		$1 \times 6.0 \times 3.4 + 3.6$	$\frac{2}{2}$	$\times 0.45 + 0.6$	$= 11.12$
		$1 \times 4.5 \times 3.0 + 2.5$	$\frac{2}{2}$	$\times 0.3 + 0.6$	$= 5.87$
		$1 \times 5.0 \times 2.4 + 2.6$	$\frac{2}{2}$	$\times 0.3 + 0.6$	$= 5.62$
		$1 \times 4.0 \times 1.9 + 2.1$	$\frac{2}{2}$	$\times 0.3 + 0.6$	$= 3.6$
		$1 \times 7.1 \times 2.4 + 2.6$	$\frac{2}{2}$	$\times 0.3 + 0.6$	$= 7.87$
		$1 \times 15.0 \times 4.5 + 5.0$	$\frac{2}{2}$	$\times 0.9 + 0.75$	$= 25.87$
		$1 \times 7.0 \times 1.4 + 1.6$	$\frac{2}{2}$	$\times 0.3 + 0.6$	$= 4.72$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$1 \times 4.0 \times \frac{2.4+2.6}{2} \times \frac{0.3+0.1}{2}$					$= 4.50$
$1 \times 15.1 \times \frac{4.2+4.7}{2} \times \frac{0.6+0.15}{2}$					$= 33.66$
$1 \times 3.9 \times \frac{2.8+3.0}{2} \times \frac{0.45+0.15}{2}$					$= 5.22$
$1 \times 8.5 \times \frac{2.4+3.0}{2} \times \frac{0.45+0.3}{2}$					$= 8.7$
$1 \times 5.1 \times \frac{2.4+2.6}{2} \times \frac{0.45+0.1}{2}$					$= 6.56$
$1 \times 7.0 \times \frac{2.4+2.6}{2} \times \frac{0.3+0.45}{2}$					$= 6.56$
$1 \times 2.8 \times \frac{1.9+2.1}{2} \times \frac{0.3+0.45}{2}$					$= 4.5$
$1 \times 15.0 \times \frac{3.8+4.0}{2} \times \frac{0.45+0.1}{2}$					$= 30.7$
$1 \times 11.0 \times \frac{3.8+4.0}{2} \times \frac{0.45+0.1}{2}$					$= 20.4$
$1 \times 14.0 \times \frac{3.8+4.0}{2} \times \frac{0.45+0.1}{2}$					$= 26.2$
$1 \times 16 \times \frac{1.9+2.1}{2} \times \frac{0.3+0.1}{2}$					$= 9.1$
$1 \times 3.0 \times \frac{3.9+4.1}{2} \times \frac{0.6+0.45}{2}$					$= 6.3$
$1 \times 24.0 \times \frac{3.8+4.0}{2} \times \frac{0.6+0.1}{2}$					$= 58.5$
$1 \times 1.0 \times \frac{1.0}{2} \times \frac{0.2+0.3}{2}$					$= 2.5$
$1 \times 8.4 \times \frac{1.8+2.0}{2} \times \frac{0.3+0.15}{2}$					$= 5.2$
$1 \times 3.1 \times \frac{1.8+2.0}{2} \times \frac{0.3+0.15}{2}$					$= 2.13$
$1 \times 6.5 \times \frac{3.8+4.0}{2} \times \frac{0.45+0.1}{2}$					$= 9.51$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 50 x 1.8 + 2.0 x 0.3 + 0.45					= 3.56
1 x 60 x 1.8 + 2.0 x 0.3 + 0.45					= 4.20
1 x 15 x 1.4 + 1.6 x 0.3 + 0.2					= 0.335
2 x 15 x 1.4 + 1.6 x 0.3 + 0.2					= 0.75
1 x 4.5 x 2.8 + 3.0 x 0.3 + 0.45					= 3.20
1 x 50 x 2.4 + 2.6 x 0.3 + 0.45					= 4.68
1 x 2.5 x 1.4 + 1.6 x 0.3 + 0.45					= 1.40
1 x 40 x 2.8 + 3.0 x 0.3 + 0.45					= 2.35
1 x 40 x 1.4 + 1.5 x 0.3 + 0.2					= 1.45
1 x 7.5 x 2.8 + 3.0 x 0.3 + 0.45					= 11.90
1 x 40 x 1.8 + 2.0 x 0.45 + 0.3					= 2.85
1 x 4.5 x 1.8 + 2.0 x 0.45 + 0.3					= 3.20
3 x 2.0 x 1.4 + 1.6 x 0.45 + 0.3					= 5.50
1 x 5.0 x 1.0 + 0.6 x 0.3 + 0.2					= 1.12
1 x 4.5 x 1.0 + 0.6 x 0.3 + 0.2					= 1.01
1 x 7.0 x 3.4 + 3.5 x 1.6 + 0.45					= 12.62
1 x 3.0 x 1.8 + 2.0 x 0.45 + 0.3					= 2.13
1 x 5.1 x 4.0 + 3.8 x 0.6 + 0.45					= 14.2
1 x 30 x 1.4 + 1.6 x 0.45 + 0.3					= 1.65

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$1 \times 7.0 \times \frac{3.4+3.5}{2} \times \frac{0.6+0.5}{2}$					$= 12.67$
$1 \times 1.1 \times \frac{1.8+2.0}{2} \times \frac{0.3+0.2}{2}$					$= 0.47$
$1 \times 3.0 \times \frac{1.8+2.0}{2} \times \frac{0.3+0.5}{2}$					$= 2.13$
$1 \times 15.0 \times \frac{2.1+1.8}{2} \times \frac{0.45+0.3}{2}$					$= 10.68$
$1 \times 3.5 \times \frac{3.4+2.8}{2} \times \frac{0.45+0.3}{2}$					$= 3.8$
$1 \times 1.0 \times 1.0 \times \frac{0.3+0.2}{2}$					$= 0.25$
$1 \times 1.5 \times \frac{1.5+1.4}{2} \times \frac{0.3+0.2}{2}$					$= 0.54$
$1 \times 8.0 \times \frac{2.5+2.4}{2} \times \frac{0.45+0.3}{2}$					$= 7.35$
$1 \times 5.0 \times \frac{2.0+1.8}{2} \times \frac{0.45+0.3}{2}$					$= 3.56$
$1 \times 2.0 \times \frac{2.1+1.8}{2} \times \frac{0.45+0.3}{2}$					$= 1.42$
$1 \times 2.0 \times \frac{3.0+2.8}{2} \times \frac{0.45+0.3}{2}$					$= 2.47$
$1 \times 5.0 \times \frac{2.0+1.8}{2} \times \frac{0.45+0.3}{2}$					$= 3.56$
$1 \times 4.0 \times \frac{1.5+0.8}{2} \times \frac{0.3+0.2}{2}$					$= 0.90$
$1 \times 3.0 \times \frac{2.0+1.8}{2} \times \frac{0.45+0.3}{2}$					$= 2.13$
$1 \times 2.0 \times \frac{1.0+0.9}{2} \times \frac{0.45+0.3}{2}$					$= 0.71$
$5 \times 1.0 \times \frac{1.0+0.9}{2} \times \frac{0.3+0.2}{2}$					$= 1.18$
$1 \times 4.0 \times \frac{1.25+1.45}{2} \times \frac{0.3+0.2}{2}$					$= 1.0$
$1 \times 4.5 \times \frac{2.5+2.3}{2} \times \frac{0.45+0.3}{2}$					$= 4$
$8 \times 1.0 \times \frac{1.0+0.8}{2} \times \frac{0.3+0.2}{2}$					$= 1.0$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1	2.5	1.1	0.8	$\times \frac{0.3+0.2}{2} = 0.45$
	2	3.0	1.5	1.3	$\times \frac{0.3+0.2}{2} = 2.1$
	2	2.0	1.5	1.4	$\times \frac{0.2+0.3}{2} = 1.45$
	1	4.0	3.1	2.8	$\times \frac{0.45+0.3}{2} = 4.35$
	1	15.0	2.0	1.5	$\times \frac{0.45+0.3}{2} = 11.68$
	1	3.0	1.5	1.3	$\times \frac{0.3+0.2}{2} = 1.05$
	2	1.1	1.0	0.8	$\times \frac{0.3+0.2}{2} = 0.45$
	1	4.0	2.0	1.8	$\times \frac{0.3+0.2}{2} = 1.90 \text{ m}^3$
	1	2.5	2.0	1.8	$\times \frac{0.45+0.3}{2} = 1.78 \text{ m}^3$
	1	2.5	1.5	1.4	$\times \frac{0.45+0.3}{2} = 1.36$
	1	9.5	4.0	3.8	$\times \frac{0.6+0.45}{2} = 19.45$
	1	3.5	1.4	0.5	$\times \frac{0.3+0.2}{2} = 0.67$
	1	2.0	1.4	1.5	$\times \frac{0.3+0.2}{2} = 0.90$
	1	3.5	1.0	0.8	$\times \frac{0.3+0.2}{2} = 0.64$
	1	2.0	2.0	1.0	$\times \frac{0.3+0.2}{2} = 0.75$
	1	2.0	2.0	1.0	$\times \frac{0.45+0.3}{2} = 15.0$
	1	3.0	1.5	2.0	$\times \frac{0.3+0.2}{2} = 1.42$
	1	6.1	3.75	3.65	$\times \frac{0.6+0.45}{2} = 11.6$
	1	3.1	3.0	2.8	$\times \frac{0.45+0.3}{2} = 3.2$
	1	4.5	4.0	3.8	$\times \frac{0.6+0.45}{2} = 9.2$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$1 \times 5.0 \times \frac{1.5 + 1.3}{2} \times 0.3 + 0.2$					$= 1.75$
$1 \times 2.0 \times \frac{2.1 + 1.8}{2} \times 0.3 + 0.2$					$= 0.95$
$1 \times 2.0 \times \frac{1.0 + 0.8}{2} \times 0.3 + 0.2$					$= 4.5 \text{ m}$
$1 \times 5.0 \times \frac{3.1 + 2.0}{2} \times 0.45 + 0.3$					$= 4.68$
$1 \times 8.0 \times \frac{2.1 + 1.8}{2} \times 0.45 + 0.3$					$= 5.7$
$1 \times 1.0 \times \frac{1.5 + 1.3}{2} \times 0.3 + 0.2$					$= 0.35$
$1 \times 1.0 \times \frac{1.5 + 2.5}{3} \times 0.45 + 0.3$					$= 13.5 \text{ m}$
$1 \times 5.0 \times \frac{4.0 + 3.5}{2} \times 0.6 + 0.45$					$= 10.20$
$1 \times 5.1 \times \frac{2.1 + 1.8}{2} \times 0.45 + 0.3$					$= 3.56$
$1 \times 5.1 \times \frac{1.1 + 0.8}{2} \times 0.3 + 0.2$					$= 1.12$
$1 \times 2.1 \times \frac{1.1 + 0.8}{2} \times 0.3 + 0.2$					$= 0.45$
$2 \times 1.1 \times \frac{1.1 + 0.8}{2} \times 0.3 + 0.2$					$= 0.45$
$1 \times 2.0 \times \frac{2.0 + 1.8}{2} \times 0.3 + 0.2$					$= 0.95$
$1 \times 5.1 \times \frac{2.1 + 2.5}{2} \times 0.45 + 0.3$					$= 4.21$
$2 \times 1.1 \times \frac{1.1 + 0.8}{2} \times 0.3 + 0.2$					$= 0.45$
$1 \times 3.4 \times \frac{2.1 + 1.5}{2} \times 0.45 + 0.3$					$= 1.4 \text{ m}$
$1 \times 2.5 \times \frac{2.1 + 1.5}{2} \times 0.3 + 0.2$					$= 0.78$
$1 \times 3.0 \times \frac{2.5 + 3.4}{2} \times 0.45 + 0.3$					$= 3.19$
$1 \times 4.5 \times \frac{4.4 + 3.6}{2} \times 0.6 + 0.45$					$= 9.2$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 3.0 x 2.1 + 1.5 x 0.3 + 1.2					= 1.42.0
1 + 3.1 x 2.0 + 1.1 x 0.2 + 1.0 x 0.3					= 2.1
1 + 3.4 x 3.5 + 3.3 x 0.6 + 0.45					= 5.35
1 + 4.4 x 2.4 + 1.8 x 0.4 + 0.3					= 1.35
1 + 2.5 x 1.4 + 0.8 x 0.4 + 0.3					= 0.84
1 + 7.1 x 4.1 + 3.8 x 0.5 + 0.45					= 14.3
1 + 4.1 x 1.5 + 1.3 x 0.4 + 0.3					= 2.7
1 + 12 x 4.1 + 3.8 x 0.5 + 0.6					= 35.1
4 x 1.5 x 1.4 + 0.8 x 0.3 + 0.2					= 0.9
1 x 2.0 x 2.1 + 1.8 x 0.3 + 0.2					= 0.55
1 x 1.5 x 1.4 + 0.8 x 0.3 + 0.2					= 0.33
3 x 1.1 x 1.1 + 0.8 x 0.3 + 0.2					= 0.47
1 x 2.4 x 1.5 + 1.4 x 0.3 + 0.2					= 0.22
1 x 1.4 x 1.5 + 0.8 x 0.3 + 0.2					= 0.22
3 x 1.4 x 1.0 + 0.9 x 0.3 + 0.2					= 0.71
1 + 2.5 x 2.1 + 1.8 x 0.3 + 1.2					= 1.18
1 + 3.4 x 3.5 + 3.3 x 0.6 + 0.45					= 3.82
1 + 5.4 x 4.1 + 3.8 x 0.6 + 0.45					= 10.22
1 + 6.4 x 1.5 + 1.3 x 0.4 + 0.3					= 3.15

Continuation

