

F.D.R-2020-2021 MB No

MB No-1396

Schedule XLV-Form No. 134

DIVISION

21/09/2018:- 1st day of recording measurement

21/09/2018:- 1st day of recording measurement

SUB-DIVISION

Measurement Book

21/09/2018:-

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[Signature]
Executive Engineer
RVD No. 2 Division
[Signature]

Sch. XLV-Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

No. *1396*

Name of Officer

Date of first entry

Date of last entry

1.

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.	
Name of work:-	Restoration of road				
	from Nirmali to Hariyahi				
	via Jaxauli				
	(FDR 2020-21)				
Agency:-	Departmental				
Authority:-	E.E, RWD, works Division,				
	Supaul.				
Date of measurement:-	01.09.2020				
1. Laying Brick Bat in					

Damage Portion.

Ch. 100 m

$$1 \times 8 \text{ m} \times 2 \text{ m} \times 0.5 \text{ m}$$

$$= 8.000 \text{ m}^3$$

$$1 \times 54 \text{ m} \times 8.53$$

$$\left(\frac{11+6.6+8}{3} \right) \text{ m}$$

$$\times \left(\frac{1.1+1.8+2.5}{3} \right) \text{ m}$$

$$= 829.408 \text{ m}^3$$

$$\text{Deduct gty } 7 \times 3 \text{ m} \times 2.5 \text{ m} \times 1.2 \text{ m} = 59.346 \text{ m}^3$$

Ch. 265 m

$$1 \times 2.5 \text{ m} \times 1.2 \text{ m} \times 0.4 \text{ m} = 1.200 \text{ m}^3$$

$$1 \times 3.2 \text{ m} \times 3 \text{ m} \times 0.2 \text{ m} = 1.920 \text{ m}^3$$

$$1 \times 17 \text{ m} \times 4 \text{ m} \times 0.2 \text{ m} = 13.600 \text{ m}^3$$

$$1 \times 21 \text{ m} \times 4.5 \text{ m} \times 0.3 \text{ m} = 28.350 \text{ m}^3$$

Ch. 400 m

$$1 \times 4.5 \text{ m} \times 4 \text{ m} \times 0.45 \text{ m} = 2.700 \text{ m}^3$$

Continuation

P.T.O

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ch. 500m					
		$1 \times 10.5 \text{ m} \times 1.5 \text{ m} \times 0.15 \text{ m} =$			2.363 m^3
Ch. 700m					
		$1 \times 6 \text{ m} \times 6 \text{ m} \times 0.2 \text{ m} =$			7.200 m^3
Ch. 2200m					
		$1 \times 18 \text{ m} \times \left(\frac{3+2}{2} \right) \text{ m} \times \left(\frac{1.2+1.8+1.5}{3} \right) =$			67.500 m^3
		$1 \times 2.5 \text{ m} \times 1.5 \text{ m} \times 0.6 \text{ m} =$			2.250 m^3
		$1 \times 10 \text{ m} \times 6.7 \text{ m} \times 2.1 \text{ m} \quad 2$			140.700 m^3
		$1 \times 44 \text{ m} \times 5 \text{ m} \times 0.5 \text{ m} =$			110.000 m^3
Deduct gty		$5 \times 3 \text{ m} \times 2.5 \text{ m} \times 1.2 \text{ m} =$			(-42.300 m^3)
Ch. 2400m					
		$1 \times 23 \text{ m} \times 1 \text{ m} \times 0.2 \text{ m} =$			4.600 m^3
		$1 \times 4 \text{ m} \times 3 \text{ m} \times 0.2 \text{ m} =$			2.400 m^3
Ch. 2480m					
		$1 \times 30 \text{ m} \times 3 \text{ m} \times 0.2 \text{ m} =$			18.000 m^3
Ch. 3500m					
		$1 \times 9.2 \text{ m} \times 6 \text{ m} \times 1.5 \text{ m} =$			82.800 m^3
		$1 \times 11 \text{ m} \times 5 \text{ m} \times 1.5 \text{ m} =$			82.500 m^3
Ch. 3609m					
		$1 \times 10 \text{ m} \times 4 \text{ m} \times 0.15 \text{ m} =$			6.000 m^3
		$1 \times 2 \text{ m} \times 1 \text{ m} \times 0.15 \text{ m} =$			0.300 m^3
		$1 \times 1 \text{ m} \times 0.5 \text{ m} \times 0.15 \text{ m} =$			0.075 m^3
		$1 \times 7 \text{ m} \times 4 \text{ m} \times 0.15 \text{ m} =$			4.200 m^3
		$1 \times 2 \text{ m} \times 1 \text{ m} \times 0.15 \text{ m} =$			0.300 m^3
Ch. 3800m					

Continuation

Sub. Rev. Form No. 124

Particulars	Quantity of actual measurement			Contents of area
	No.	L	B	
Placing including supply of Saddle and S.I. bag etc.				
entire all complete Job.				
Ch. 500m				
	Nos of bag			500.00
Ch. 2200m	Nos of bag			600.00
	Total Nos of bag			1100.00
				Total 1100.00

1. Laying and laying Reinforced
concrete pipe RPS at RPS
design in single Row

Ch. 100m				
	4 x 3m x 2.5m			30.00m
Ch. 2200m				
	3 x 3m x 2.5m			22.50m
	Total			52.50m

01.09.2020

JE

01/09/20

01/09/20

Sch. XLV-Form No. 134

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

Name of work: Restoration of road
 from Nimali to Hariyahi
 via Jorauli (Phase-II).
 (FDR Year - 2020-21)

Agency - Departmental

Authority - EE, RWD, work Division,
 Supaul

Date of measurement: 05.10.2020

1. Laying Brick Bal in Damage
 portion.

Ch. 64 m

$$1 \times 12 \text{ m} \left(\frac{7.4 + 5 + 4.5}{3} \right) \text{ m} \times \left(\frac{1.9 + 4 + 3.1}{3} \right) \text{ m} = 202.68 \text{ m}^3$$

Ch. 115 m

$$1 \times 20 \text{ m} \times \left(\frac{2 + 3}{2} \right) \text{ m} \times \left(\frac{0.4 + 0.8}{2} \right) \text{ m} = 30.00 \text{ m}^3$$

Ch. 364 m

$$1 \times 30 \text{ m} \times 2.1 \text{ m} \times 0.45 \text{ m} = 28.35 \text{ m}^3$$

Ch. 2200 m

$$1 \times 15 \text{ m} \times \left(\frac{1.2 + 1.8}{2} \right) \text{ m} \times 12 \text{ m} = 27.00 \text{ m}^3$$

$$1 \times 23 \text{ m} \times 4.2 \text{ m} \times \left(\frac{1.2 + 0.9 + 0.6}{3} \right) \text{ m} = 86.94 \text{ m}^3$$

$$1 \times 7 \text{ m} \times 0.45 \text{ m}$$

$$1 \times 1.5 \text{ m} \times 2 \text{ m} \times 1 \text{ m} = 3.00 \text{ m}^3$$

Ch. 2400 m

Continuation

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Inspection Report for Flood Damage Work

Date :

1. Name of PIUs :- E.E. RWD, Works Division Supaul.

2. Name of Block/Road :- Nirmali | Nirmali to Hariyahi via Jarauli.

A. For Road

1. Damage Location/Chainage : 100m, 265m, 400m, 500m, 700m, 2200m, 2400m, 2480m, 3500m, 3609m, 3800m, 4100m, 5100m, 5300m,

2. Damage Length : 741 m

3. Nature of Damage : Due to flood

4. Datils of Restoration Works :

i. Manterial being used in Restoration work : Hume pipe, Bamboo, ECB with Local sand, Brick Bats.

ii. Equipments/Tools being used in Restoration work : JCB, Tractor, Roller.

iii. Procedure taken up in Restoration work : Felling

iv. Restored Length : 741 m

B. For Bridge

5. Damage Location/Chainage :

6. Damage Length :

7. Nature of Damage :

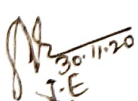
8. Datils of Restoration Works :

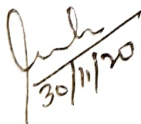
i. Manterial being used in Restoration work :

ii. Equipments/Tools being used in Restoration work :

iii. Procedure taken up in Restoration work :

iv. Restored Length :

 30.11.20
Signature of JE/AE/EE

 30.11.20
Signature of E.E.
Rural Works Department
(Name of Inspector)