

HEAD-MR-N 19-20 DANA PUR / 07

NAME OF WORK - विहटा शिवाना रोड से जाँची हाट भासा पाण्डेसपुर

04 MBD
20-21

Schedule XLV-Form No. 134

Dana Pur

DIVISION

NAME OF A.E. - Sri Ramesh Kumar Singh - Bihar

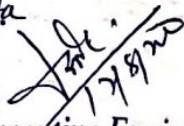
SUB-DIVISION

MEASUREMENT BOOK

NAME OF AGENCY - Sambosh Kumar

MBNO - 1372

Certified that this M.B Contains
100 (One hundred) Nos of Machine
Pages & issued to Sri. Ramesh.....
Kumar... Sri... A.E, R.W.D, works
Sub Division... Bihda


Executive Engineer
Rural Works Department
Works Division, Danapur
12/08/20

Re-issued to Sri Anil Kumar
J.E, Bihda.


15/8/20
A.E.
Bihda.

Sch. XLV - Form No. 134

Danapur DIVISION
SUB-DIVISION

Measurement Book

No. 1372

Name of officer Sri Ramesh Kumar Singh

Date of first entry _____

Date of last entry _____

Name of Work- Bihda¹ Shivala Rd to Grandhi
 Situation of Work- halt via Pandeypur.
 Agency by which work is executed- Santosh Kumar.
 Date of Measurement-
 No. and date of agreement 04/MDD/2020-21
 10/8/2020

(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.	

Record measurement:-
 Dt of measurement: 20/8/2020

① clearing and grubbing
 Road land (By manual means)
 including uprooting wild
 vegetation, grass -- do --
 do -- Complete Job,

$$2 \times 18 \times 30 \times 1.0 = 1080 \text{ m}^2$$

$$2 \times 20 \times 1.0 = 40 \text{ m}^2$$

$$2 \times 9 \times 30 \times 1.0 = 540 \text{ m}^2$$

$$2 \times 25 \times 1.0 = 50 \text{ m}^2$$

$$2 \times 14 \times 30 \times 1.0 = 840 \text{ m}^2$$

$$2 \times 2 \times 1.0 = 4 \text{ m}^2$$

$$2554 \text{ m}^2$$

$$0.255 \text{ Hac.}$$

② Scarifying Existing Bituminous
 Surfaces:-

Scarifying the existing
 bituminous road surface to
 depth of 150 mm and

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
disposal of scrap iron					
-- do -- do -- Complete Jobz					
	58 X 5 X 0.6 =				24 m ²
	12 X 8 X 0.4 =				38.4 m ²
	14 X 6 X 0.7 =				58.8 m ²
	18 X 5 X 0.8 =				72 m ²
	9 X 6 X 0.4 =				21.6 m ²
					214.8 m ²
Checked & approved <i>[Signature]</i> 22/8/20 AE					Jail km 22/8/2020 J.E Bhatta

Record measurement.

Dt of measurement: - 02/9/2020

① Construction of Subgrade and earthen Shoulders:-

Construction of Subgrade

and earthen shoulders with approved material obtained from borrow pits - do

78.000				
-	do	-	Complete	job

$$2 \times 18 \times 30 \times \frac{1.1 \times 0.5 + 0.4}{2} = 534.6 \frac{3}{4}$$

~~$$2 \times 20 \times 1.2 \times \frac{5 + 3}{2} = 19.2 \text{ kg}$$~~

Continuation

[illegible]

Record measurement.

Record No.		13/11/2020	
Dt of measurement:-			

①	G-S-B
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Construction of Granular Sub base by spreading well graded material, spreading in uniform layers with a motor grader

$$1.2 \times 5 \times 0.80 \times 0.175 = 8.4 \text{ m}^3$$
$$9 \times 4 \times 0.05 \times 1.75 = 5.25 \text{ m}$$
$$7 \times 6 \times 0.75 \times 1.75 = 12.32 \text{ m}^3$$

7x	6x	75x	1.95		
16x	4x	1.1x	1.75	= 12.32 m ³	

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Q. {	22	7	0.95	0.075	$= 10.972 \text{ m}^3$
	16	4	1.1	0.075	$= 5.28 \text{ m}^3$
	18	8	1.0	0.075	$= 10.8 \text{ m}^3$
					60.619 m^3
checked & true checked 22/11/20 A.E.					20/11/2020 J.B. Bihra

Record Measurement.
Dt of measurement: 27/11/2020

① WBM Gr-3					
providing, laying, spreading and compacting stone aggregate of specific sizes to water Bond Macadam specification - do - do -					
- complete job.					
12	5	0.8	0.075		$= 3.6 \text{ m}^3$
16	8	0.95	0.075		$= 9.12 \text{ m}^3$
9	4	0.95	0.075		$= 2.565 \text{ m}^3$
7	6	0.75	0.075		$= 2.362 \text{ m}^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
58x6x1.1x0.075					→ 3.96 m ³
16x9x1.0x0.075					→ 10.8 m ³
8x7x1.2x0.075					→ 5.04 m ³
20x15x3.0x0.075					= 67.5 m ³
22x7x0.95x0.075					→ 10.992 m ³
16x4x1.1x0.075					→ 5.28 m ³
18x8x1.0x0.075					→ 10.8 m ³
20x9x1.1x0.075					→ 14.85 m ³
17x12x1.0x0.075					→ 15.3 m ³
checked & same					57.202 m ³
total					172.94 m ³
					(Signature) 27/11/20 J.F. Bida

Record measurement

of measurement →

① Prime Coat:- 29/11/2020
 Providing and applying Primer
 Coat with Bitumen emulsion
 (SS-1) on prepared surface
 of granular base including
 - - do - do - complete job.

12x5x0.8	=	48 m ²
16x8x0.95	=	121.6 m ²
9x4x0.95	=	34.2 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② binding two coats on new concrete:-					
painting two coats including primer coat after filling the surface with synthetic enamel paint - do - do -					
- complete job.					
Qty Area vide item ① m ²					
Page No. ⑦⑥					
18.2 m ²					
Of another culvert (same work) →					
+ 18.2 m ² ⇒ 36.4 m ²					
14/12/20					
14/12/20					
J. E. Bhatta					
A-E					
Ist and A/C Bill :-					
Abstract of cost:-					
Name of work:-					
Bihra Swaha Rd to Gandhi Halt via Pandaypur.					
Agency:- Sornatosh Kumar.					
Agg. No:- 04/MBD/2020-21					
Actual Dt of completion				10/8/2020.	
Dt of Entry				10/12/2020	
Dt of Entry				10/12/2020	
① clearing and grubbing Road land (by manual means)					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
including uprooting wild vegetation, grass, bushes, shrubs, - do - do - complete					
Qty vide item M.B Page ①					
0.255 Hec @ Rs 5116.25/Hec					
→ Rs 13047 = 00					
② Scarifying existing bituminous surface:-					
Scarifying the existing bituminous road surface a depth of 150 mm and					
disposal - do - do - complete job					
Qty vide item M.B Page ②					
214.8 m ² @ Rs 15.74/m ²					
→ Rs 3381 = 00					
③ Construction of Subgrade and earthen Shoulders :-					
Construction of Subgrade and earthen shoulders with approved material obtained from borrow					
- do - do - complete job.					
Qty vide item M.B Page ③					
1070.8 m ³ @ Rs 220.46/m ³					
Continuation → Rs 236069 = 00					

[illegible]