

Name of Road :- Bachodarpur Chakchitta to
N.H 30 Saidpur.

nam ch 111.

Schedule XLV-Form No.-134

Executive Engineer, R.W.D. Works DIVISION

Bachodarpur SUB-DIVISION
Parana

MRS. No - 7604

MEASUREMENT BOOK

7604

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.	
	1st on A/c Bill				
Name & Work:-	Repair & five year main				
	ance of Road from Be-				
	dulpur Chakchhi to				
	30 Saidpur under 204				
Agency:-	Ganesh Kumar S/o Dew				
	Ray, main Road Ray Pass n				
	Akash Bajaj, East Carve				
	-bad, Patna Pincode 8000				

Agreement no	30/0000/23-24
Rate Approved	0.06 % below
Date of Commencement	05/08/2023
Date of Completion	04/05/2024
Date of measurement	15/03/2024

[illegible]

$$\therefore \text{Hect} = 5640 \text{ mm}^2 / 10000 = 0.56 \text{ Hect}$$

Continuation

PTD

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (3) Construction of emb.					
aligner with appis					
- 100 material obtained					
from borrow pits with					
a load up to 1000.00					
-- do -- do etc					
2 x 10 x 30.00 x 1.00 m x 0.30 m = 180.00 m ³					
2 x 10 x 30.00 x 1.00 m x 0.30 m = 180.00 m ³					
2 x 2 x 30.00 + 10 (4 x 10.00) = 36.00 m ³					
396.00 m ³					
Item (3) Construction of sub					
grade Road with 1400					
1.00 m -- do -- do -- do					
2 x 10 x 30.00 x 0.50 m x 0.30 = 90.00 m ³					
2 x 10 x 30.00 x 0.50 m x 0.30 = 90.00 m ³					
2 x 5 x 30.00 x 0.50 m x 0.30 = 45.00 m ³					
2 x 10 x 30.00 x 1.00 m x 0.30 = 180.00 m ³					
2 x 10 x 30.00 x 1.00 m x 0.30 = 180.00 m ³					
2 x 10 x 30.00 x 1.00 m x 0.30 = 180.00 m ³					
2 x 10 x 30.00 x 1.00 m x 0.30 = 180.00 m ³					
600.00 m ³					
Item (4) Construction of GSI					
for dry fast well 1900					
for material - do etc					
1 x 5.00 x 1.90 x 0.10 = 1.43 m ³					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>1/2m (1) Contd (LSE)</u>					
	1x4.00	2.20	0.150		1.32m ³
	1x3.00	2.00	0.150		0.90 "
	1x6.00	1.60	0.150		1.44 "
	1x3.00	2.90	0.150		0.99 "
	1x5.00	1.60	0.150		1.20 "
	1x6.00	2.10	0.150		1.89 "
	1x3.00	2.90	0.150		0.99 "
	1x4.00	1.70	0.150		1.02 "
	1x3.00	1.90	0.150		0.86 "
	1x3.00	2.00	0.150		0.90 "
	1x5.00	2.10	0.150		1.58 "
	1x4.00	1.90	0.150		1.14 "
	1x6.00	1.50	0.150		1.35 "
	1x5.00	1.90	0.150		1.43 "
	1x4.00	2.10	0.150		1.26 "
	1x3.00	2.00	0.150		0.90 "
	1x5.00	2.00	0.150		1.50 "
	1x3.00	1.80	0.150		0.59 "
	1x4.00	1.90	0.150		0.72 "
	1x9.00	0.90	0.150		1.22 "
	1x10.00	1.00	0.150		1.50 "
	1x8.00	1.40	0.150		1.68 "
	1x12.00	1.50	0.150		2.70 "
	1x5.00	1.80	0.150		0.98 "
	1x6.00	1.60	0.150		1.44 "
	1x9.00	1.70	0.150		2.70 "

Continuation

PTP

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (1) (contd) (gss)					
	1	11.00	1.90	0.150	2.14 m ³
	1	11.00	2.10	0.150	2.15 "
	1	7.00	2.00	0.150	2.10 "
	1	6.00	1.80	0.150	1.62 "
	1	9.00	2.10	0.150	2.84 "
	1	8.00	1.70	0.150	2.04 "
	1	10.00	1.60	0.150	2.40 "
	1	6.00	1.90	0.150	1.71 "
	1	31.50	3.75	0.100	11.81 "
	2	10.00	2.10	0.150	6.30 "
	2	5.00	2.10	0.150	3.15 "
	2	11.00	1.90	0.150	6.27 m ³
					81.74 m ³

Item (5) Prov. laying spreading & compacting stone aggregate					
- gates & specific for work					
to 11.00 ft. etc					
	1	5.00	2.10	0.075	0.79 m ³
	1	4.00	2.40	0.075	0.72 "
	1	3.00	2.20	0.075	0.50 "
	1	6.00	1.80	0.075	0.81 "
	1	3.00	2.40	0.075	0.54 "
	1	5.00	1.80	0.075	0.68 "
	1	6.00	2.20	0.075	1.04 "
	1	3.00	2.40	0.075	0.54 "
	1	4.00	1.90	0.075	0.57 "

Continuation

OT 0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
20m @ 2012 (14m x 90-12)					
1 x 3.00 x 2.10 x 0.075 =					0.47 m ³
1 x 3.00 x 2.00 x 0.075 =					0.50 "
1 x 5.00 x 2.00 x 0.075 =					0.86 "
1 x 4.00 x 2.10 x 0.075 =					0.69 "
1 x 6.00 x 1.70 x 0.075 =					0.77 "
1 x 5.00 x 2.10 x 0.075 =					0.79 "
1 x 4.00 x 2.30 x 0.075 =					0.69 "
1 x 3.00 x 2.00 x 0.075 =					0.50 "
1 x 5.00 x 2.00 x 0.075 =					0.83 "
1 x 3.00 x 1.50 x 0.075 =					0.34 "
1 x 4.00 x 1.40 x 0.075 =					0.40 "
1 x 9.00 x 1.10 x 0.075 =					0.74 "
1 x 10.00 x 1.90 x 0.075 =					0.90 "
1 x 8.00 x 1.60 x 0.075 =					0.96 "
1 x 12.00 x 1.70 x 0.075 =					1.53 "
1 x 5.00 x 1.50 x 0.075 =					0.56 "
1 x 6.00 x 1.80 x 0.075 =					0.81 "
1 x 9.00 x 1.90 x 0.075 =					1.98 "
1 x 11.00 x 2.10 x 0.075 =					1.73 "
1 x 10.00 x 2.30 x 0.075 =					1.73 "
1 x 7.00 x 2.00 x 0.075 =					1.16 "
1 x 6.00 x 2.00 x 0.075 =					0.90 "
1 x 9.00 x 2.00 x 0.075 =					1.55 "
1 x 8.00 x 1.90 x 0.075 =					1.14 "
1 x 10.00 x 1.80 x 0.075 =					1.35 "
1 x 6.00 x 2.10 x 0.075 =					0.95 "

Continuation

Item ⑥ Poor lying, aggressive

Continuation

PTD

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
21.00 (6) 6.00 (W.M.G. 10)					
1x5.00x2.40x0.075					0.91 m ³
1x4.00x2.20x0.075					0.66 "
1x6.00x1.80x0.075					0.81 "
1x5.00x2.20x0.075					0.83 "
1x4.00x2.40x0.075					0.72 "
1x3.00x2.20x0.075					0.52 "
1x5.00x2.20x0.075					0.86 "
1x3.00x1.60x0.075					0.36 "
1x4.00x1.50x0.075					0.45 "
1x9.00x1.20x0.075					0.81 "
1x10.00x1.30x0.075					0.98 "
1x8.00x1.70x0.075					1.02 "
1x12.00x1.30x0.075					1.62 "
1x5.00x1.60x0.075					0.60 "
1x6.00x1.90x0.075					0.86 "
1x9.00x2.00x0.075					1.35 "
1x11.00x2.20x0.075					1.82 "
1x10.00x2.40x0.075					1.80 "
1x7.00x2.20x0.075					1.21 "
1x6.00x2.10x0.075					0.95 "
1x9.00x2.40x0.075					1.62 "
1x8.00x2.00x0.075					1.20 "
1x10.00x1.90x0.075					1.49 "
1x6.00x2.20x0.075					0.99 "
1x8.00x2.00x0.075					1.20 "
1x7.00x1.20x0.075					0.63 "

Continuation

OTP

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (6) Contd (from p. 12)					
	1	8.00	1.70	0.075	1.02 m ³
	1	6.00	2.00	0.075	0.90 "
	1	6.00	1.50	0.075	0.68 "
	1	7.00	1.70	0.075	0.89 "
	1	7.00	1.40	0.075	0.74 "
	1	6.00	1.70	0.075	0.77 "
	1	6.00	1.60	0.075	0.72 "
	1	5.00	1.70	0.075	0.64 "
	1	8.00	2.00	0.075	1.38 "
	1	5.00	1.70	0.075	0.64 "
	1	7.00	1.90	0.075	1.00 "
	1	8.00	2.00	0.075	1.20 "

	1	3.00	1.80	0.075	0.41 "
	1	6.00	1.70	0.075	0.77 "
	1	7.00	1.80	0.075	0.95 "
	1				46.32 m ³ (A)
	1	2.00	1.80	0.075	0.41 m ³
	1	6.00	1.70	0.075	0.77 m ³
	7	20.00	3.75	0.075	59.06 m ³
					106.56 m ³

Item (7) Paving & applying primer					
Coat with bitumen emulsion					
(SS +) - do - do - etc					
Qty side item 6 marked @ 0.075					
= 46.32 m ³ × 0.075 = 617.60 m ²					

Continuation

NTD

Annotation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (1) From laying S.D.A.C.					
118/100-120 T.H. 62 Ton					
typical - do - etc.					
Area 22m x 5m					
(10) $\frac{1}{2} \pi r^2 = 2254.60 m^2$					
$Qty = 2254.60 m^2 \times 0.025 = 56.365 m^3$					
Item (2) Construction of D.M.					
lean cement concrete					
--- do --- do --- do --- etc.					
$2 \times 20.00 \times 3.75 \times 0.075 = 16.875 m^3$					
$1 \times 21.00 \times 3.75 \times 0.075 = 5.906 m^3$					
					$22.78 m^3$
Item (3) Construction of un-					
reinforced P.C.C. base					
--- do --- do --- do --- etc.					
In wall said pur from corner to					
West side					
$1 \times 20.00 \times 4.50 + 3.50 \times 0.160 = 99.20 m^3$					
$1 \times 20.00 \times 3.50 + 3.60 \times 0.160 = 17.04 m^3$					
$1 \times 20.00 \times 3.20 + 0.160 = 15.36 m^3$					
$1 \times 20.00 \times 3.20 + 4.25 \times 0.160 = 17.88 m^3$					
$1 \times 20.00 \times 4.25 + 4.25 \times 0.160 = 20.40 m^3$					
					$40 89.88 m^3$

Continuation

PTD

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$Af = 27.92 \text{ m}^2$
Plan (2) Cont (for present)					
					$1 \times 30.00 \times 4.95 + 4.50 \times 0.10 = 29.95 \text{ m}^2$
					$1 \times 1.50 \times 2.50 + 0.10 = 0.60 \text{ m}^2$
					$1 \times 20.75 \times 0.75 + 0.10 = 14.95 \text{ m}^2$
					129.52 m^2
Plan (14) Construction of panel					
Concrete P.C.C. work					
- rest of the panel					
					$1 \times 30.00 \times 6.00 + 1.00 \times 0.10 = 16.90 \text{ m}^2$
					$1 \times 30.00 \times 4.80 + 4.30 \times 0.10 = 13.65 \text{ m}^2$
					$1 \times 30.00 \times 4.80 + 3.75 \times 0.10 = 12.75 \text{ m}^2$
					$1 \times 30.00 \times 3.75 + 3.75 \times 0.10 = 11.175 \text{ m}^2$
					$1 \times 30.00 \times 3.70 + 3.70 \times 0.10 = 11.95 \text{ m}^2$
					$1 \times 30.00 \times 3.90 + 3.75 \times 0.10 = 11.375 \text{ m}^2$
					$1 \times 25.00 \times 3.75 + 0.10 = 9.375 \text{ m}^2$
					$1 \times 30.00 \times 3.75 + 4.65 \times 0.10 = 12.60 \text{ m}^2$
					$1 \times 30.00 \times 4.65 + 3.90 \times 0.10 = 12.805 \text{ m}^2$
					$1 \times 30.00 \times 3.70 + 0.10 = 11.10 \text{ m}^2$
					$2 \times 30.00 \times 3.75 + 0.10 = 22.50 \text{ m}^2$
					$1 \times 30.00 \times 3.75 + 4.75 \times 0.10 = 12.75 \text{ m}^2$
					$1 \times 30.00 \times 4.75 + 4.15 \times 0.10 = 13.95 \text{ m}^2$
					$1 \times 30.00 \times 3.75 + 0.10 = 11.95 \text{ m}^2$
At corner					$1 \times 20.00 \times 3.75 + 5.50 \times 0.10 = 9.95 \text{ m}^2$
side panel					$1 \times 30.00 \times 3.60 + 0.10 = 10.80 \text{ m}^2$
					210.475 m^2

Continuation

Continuation