

Chainpuria to Chainpuria Achiwasitala

Schedule XLV-Form No. 134

HT/001

DIVISION

2/10/11

SUB-DIVISION

m/s Dinesh Singh RIE

Measurement Book

1832

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.	

N/W = Construction of Road from
Chainpuria To Chainpuria Adhwaasi
Tala

Total length of Road - 2.270 km
Block - Adhwaasi

Scheme - PMGSY (AWSESH)/2023-2024

P.No - (AWSESH) - NDB-BRRP7-755

Bhabhua Under PMGSY

Name of Agency - M/s Bijendra
Kumari Singh

(i) Constⁿ Cost Rs = 17136094.00

(ii) 5 year Maintenance Rs = 18772621.00

Total Cost = 35908715.00

Date of start - 10/08/2024

Date of Completion - 09/08/2024

Record Entry Date -

Item No - Construction of

T/GSB Cr-I by pro-
viding per specification
etc-

4x 30x 3.75x 0.100 = 45.00 m³

1x 30x (4.945) x 0.100 = 14.84 m³

1x 10x 3.75x 0.100 = 3.75 m³

Continuation

Total Qty 63.59 m³

(ii) Additional curve at
HPC etc.

$$1 \times 25 \times 2.25 \text{ m} \times 0.20 = 11.25 \text{ m}^3$$

$$\text{Sum of (i) + (ii) total Qty} = 74.84 \text{ m}^3$$

$$\text{Limit the Qty as per dpr} = 74.04 \text{ m}^3$$

$$\text{Total Qty} = 74.04 \text{ m}^3$$

$$\text{Total Qty} = 11.25 \text{ m}^3$$

$$\text{Limit the Qty as per dpr} = 10.29 \text{ m}^3$$

Record Entry Date -

Item No

2/ Construction of WBM
C&TTL as per specif-
ication etc.

$$(i) 4 \times 30 \times 3.75 \times 0.075 = 33.75 \text{ m}^3$$

$$1 \times 30 \times (4.995) \text{ m} \times 0.075 = 11.126 \text{ m}^3$$

$$1 \times 10 \times 3.75 \times 0.075 = 2.8125 \text{ m}^3$$

$$\text{Total Qty} = 47.688 \text{ m}^3$$

(ii) Additional Curve at
HPC etc.

$$1 \times 20 \times (2.55) \text{ m} \times 0.075 = 3.825 \text{ m}^3$$

$$\text{Sum of (i) + (ii) total Qty} = 51.513 \text{ m}^3$$

$$\text{Limit the Qty as per dpr} = 51.382 \text{ m}^3$$

Continuation

$$\text{Total Qty} = 51.382 \text{ m}^3$$

$$\text{Limit the Qty as per dpr} = 3.57 \text{ m}^3$$

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

Record Entry Date

Item No Construction of
3/ RCC M30 (grade)
etc -

$$31 \times 30 \times 3.75 \times 0.16 = 558 \text{ m}^3$$

$$1 \times 30 \times (4.945 \text{ m} \times 0.16) = 23.736 \text{ m}^3$$

$$2 \times 20 \times 3.75 \times 0.16 = 24.00 \text{ m}^3$$

$$605.736 \text{ m}^3$$

$$\text{Total Qty} = 605.736 \text{ m}^3$$

$$\text{Total Qty} = 605.736 \text{ m}^3$$

Record Entry Date

Item No Providing and laying
4/ of reinforced cement
conc. Pipe duct

300 mm ϕ - etc

$$11 \times 3 \times 2.50 = 82.50 \text{ m}$$

$$\text{Total Qty} = 82.50 \text{ m}$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record Entry Date—</u> <u>XJ</u>					
Item No	Painting on parapet				
5/	wall (Black & white strips) etc				
	for- 4 x 600mm HRC				
Top=	2 x	3.6 x	0.400	= 2.880m ²	
Side=	4 x	3.60 x	0.600	= 8.640m ²	
Front =	4 x	0.400 x	0.600	= 0.960	
	Total Qty = 12.480m ²				
for 4 Nos HRC	total Qty = 49.92m ²				

Record Entry Date—
XJ

Item No	Providing and applying				
6/	Primer coat with Bitumen emulsion (SS-1) etc				
	41 x	30 x	3.75	=	4612.5 m ²
	1 x	30 x	(5.45 m)	=	163.65 m ²
	1 x	10 x	3.75	=	37.5 m ²
	total qty =				4809.30 m ²
	total qty =				4813.65 m ²
limit the qty as per spec =					4810.13 m ²
	Total qty =				4810.13 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record Entry Date</u> =					
Item No	Providing and applying				
7	Tack coat with bitumen emulsion etc.				
	41	30	3.75	=	4612.5 m ²
	1	30	(5.365) avg	=	160.95 m ²
	1	10	3.75	=	37.5 m ²
	Total qty =				4810.95
claim	the Qty as per				4810.13 m ²
	Total Qty =				4810.13 m ²

Item No	Providing, laying				
8	and rolling of close-graded premix (mix Seal Surfacing) etc -				
	41	30	3.75	=	4612.5 m ²
	1	30	(5.365) avg	=	160.95 m ²
	1	10	3.75	=	37.5 m ²
	Total Qty =				4810.95 m ²
claim	the Qty as per				4810.13 m ²
	Total Qty =				4810.13 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record Entry Date -</u> <u>XO</u>					
Item No	Laying brick Soling				
9	laying on Haria				
	Shouldering with				
	brick etc				
	$2 \times 31 \times 30 \times 0.250 =$				465 cm^2
	$2 \times 2 \times 30 \times 0.250 =$				75 cm^2
	$2 \times 1 \times 10 \times 0.250 =$				5.00 m^2
	Total Qty =				<u>500 cm^2</u>
<u>Record Entry Date -</u> <u>XO</u>					
Item No	Reinforced Cement				
10	Conc. Mis grade				
	etc				
(i)	for km stone				
	$1 \times 3 \times 1 =$				3.00 No
	Total Qty =				<u>300 No</u>
(ii)	for 200 m stone				
	$1 \times 9 \times 1 =$				9.00 No
	Total Qty =				<u>900 No</u>

Total of g = 57 each

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record Entry Date —</u>					
X					
Item No	Providing and laying				
4 /	of hot applied				
	thermoplastic compound				
	2.5 mm thick etc				
	2X	33X	30X	0.100	= 198.00m ²
	2X	1X	10X	0.100	= 2.00m ²
	Total Qty = 200.00m ²				
Item No	Providing and fixing				
18 /	'Logo' of mmgs BRB				
	project citizen				
	information Board				
	etc etc -				
	1X	2X	1		= 2Nos
for	providing and				
	fixing 'Logo' of				
	maintenance etc -				
	1X	1X	1		= 1Nos
	Total Qty = 3Nos				

Continuation

Sch. XLV—Form No. 134						
Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
<u>Record Entry Date —</u> <u>X J =</u>						
Item No	Construction of					
167	Subgrade and					
	Earthen shoulders					
	etc - -					
	2 X	33 X 30 X 0.625 X 0.335	= 414.56 m ³			
	2	11 X 10 X 0.625 X 0.335	= 4.187 m ³			
	Total Qty. = 418.747					

<u>Record Entry Date —</u> <u>X J =</u>					
Item No	Construction of				
17	Embankment with				
	material obtained from				
	borrow pits — etc —				
Chainage	Area	Mean Area	Dist ⁿ	Volume	
(m)	(m ²)	(m ²)	(m)	(m ³)	
0	4355				
50	4548	4452	50	222.575 m ³	
100	4723	4636	50	231.775 m ³	
150	4915	4819	50	240.950 m ³	
200	4373	4644	50	232.200 m ³	
250	4583	4478	50	223.200 m ³	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
Chainage (m)	Area (m ²)	Mean Area (m ²)	Dist ⁿ (m)	Volume (m ³)	
300	4.143	4.363	50	218.150 m ³	
350	4.466	4.305	50	215.225 "	
400	4.684	4.575	50	228.750	
450	4.974	4.829	50	241.450	
500	4.930	4.952	50	247.600	
550	4.683	4.807	50	240.325	
600	4.571	4.597	50	229.850	
650	4.296	4.404	50	220.175	
700	4.487	4.392	50	219.575	
750	4.752	4.615	50	230.725	
800	4.517	4.630	50	231.475	
850	5.315	4.916	50	245.800	
900	4.876	5.096	50	254.775	
950	4.790	4.833	50	241.650	
1000	5.583	5.187	50	259.325	
1050	4.899	5.241	50	262.050	
1100	4.871	4.885	50	244.250	
1150	4.962	4.917	50	245.825	
1200	4.835	4.899	50	244.925	
1250	5.247	5.041	50	252.050	
1300	5.444	5.346	50	267.275	
1350	5.352	5.398	50	269.900	
1400	5.351	5.352	50	267.575	
1450	4.979	5.765	50	258.250	
1500	4.706	4.803	50	242.125	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Chainage (m)	Area (m^2)	Mean Area (m^2)		Dist ⁿ (m)	Volume (m^3)
2000				50	
2050 ¹⁵⁵⁰	5.337	5.022		50	251.075 ^{m^3}
2100 ¹⁶⁰⁰	4.989	5.163		50	258.150 „
2150	5.282	5.136		50	256.775 „
2200 ¹⁷⁰⁰	5.356	5.319		50	265.950 „
2250 ¹⁷⁵⁰	4.755	5.056		50	252.775 „
2270 ¹⁸⁰⁰	5.015	4.885		50	244.250 „
1850	5.060	5.038		50	251.275 „
1900	4.641	4.851		50	242.525 „
1950	5.128	4.882		50	244.750 „

2000	3.645	4.385		50	219.250 „
2050	3.500	3.573		50	178.625 „
2100	3.875	3.628		50	184.375 „
2150	4.811	4.343		50	217.150 „
2200	3.633	4.229		50	211.100 „
2250	3.155	3.394		50	169.700 „
2270	5.052	4.104		20	82.070 „

Total Qty = 10760.270 m^3

Deduction of Subgrade and
earthen shoulder

O.V.G (4/4) m B N (1724) P (19) = (-) 3719.513 m^3
 O.V.G (16) m B P (10) = (-) 418.747 m^3

Continuation

Total Qty = 7040.76 m^3
 6622.01 m^3

[illegible]

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

4th on Running Bill and
Final Running Bill

ABSTRACT of COST

N/W = Construction of Road
from chainpura to chainpura
Adiwasi tola.

Total length = 2.270 Km

Agri No - SBD - 17/2024-2025

DOS - 10/08/2024

DOC - 09/08/2025

Date of Entry ^{Abstract} - 28/08/25

1/1 Fixing Benchmark & pillar

Q.V.I (1) MBN (1724) P-18 = 18 Nos

@ Rs 2853.62/Nos — Rs = 51365.00

2/2 Clearing and Grubbing Road

land as per specification etc

Q.V.I (2) MBN (1724) P-18 = 0.795 hect

@ Rs 76926.08/hect — Rs = 61156.00

3/3 Construction of Embankment

with material from borrow

pits load upto 1000mm

0 for 1000m load —

Q.V.I (17) B1 MBP (10) = 874.44 m³

@ Rs 260.98/m³ — Rs = 22821.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
For 100m lead					
(ii) Q.V.I (17)(C) TMBP(10) = 3497.76 ^{m³}					
@ Rs 188.29/m ³ —————					Rs = 658593.00
4/ Const ⁿ of Subgrade and					
4/ earthen shoulder etc					
Q.V.I (4) MBN(1724)P(19) = 3719.813m ³					
Q.V.I (6) TMBP(10) = 418.747m ³					
Total qty = 4138.26m ³					
@ Rs 264.51/m ³ —————					Rs = 1094611.00
5/ Const ⁿ of 0.5B Gr II etc					
5/ Q.V.I (5) MBN(1724)P(19) = 1028.7m ³					
Q.V.I (1) TMBP(1) = 10.29m ³					
Total qty = 1038.99m ³					
@ Rs 360200/m ³ —————					Rs 3742442.00
6/ Const ⁿ of 10 Bm Gr II etc-					
6/ Q.V.I (6) MBN(1724)P(5) = 357.188m ³					
Q.V.I (2) TMBP(2) = 3.57m ³					
Total qty = 360.758m ³					
@ Rs 3605110.66/m ³ —————					Rs = 1843722.00
7/ Boulding and Jaying					
7/ Primer concrete with pitume					
etc -					
Q.V.I (6) TMBP(4) = 4810.13m ²					
@ Rs 58.30/m ² —————					Rs = 280431.00

Continuation

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

8/ Providing and laying					
8/ full coat with bitumen					
etc					

$$Q.V.I(7) \text{ TMBP}(5) = 4810.13 \text{ m}^2$$

$$@ Rs 20.01/\text{m}^2 \quad \quad \quad Rs = 96251.00$$

9/ Providing and laying					
9/ mass of 20 mm thick etc					

$$Q.V.I(8) \text{ TMBP}(5) = 4810.13 \text{ m}^2$$

$$@ Rs 279.23/\text{m}^2 \quad \quad \quad Rs = 1343133.00$$

10/ Constn of G.B Cr I					
10/ in PCC etc —					

$$Q.V.I(5) \text{ MBN}(1724) \text{ P}(5) = 271.875 \text{ m}^3$$

$$Q.V.I(1/5) \text{ MBN}(1724) \text{ P}(13) = 43.125 \text{ m}^3$$

$$Q.V.I(10) \text{ TMBP}(1) = 63.59 \text{ m}^3$$

$$\text{Total qty} = 378.59 \text{ m}^3$$

$$@ Rs 3602.00/\text{m}^3 \quad \quad \quad Rs = 1363681.00$$

11/ Constn of W.B.M Cr III in					
11/ PCC work etc —					

$$Q.V.I(6) \text{ MBN}(1720) \text{ P}(5) = 203.906 \text{ m}^3$$

$$Q.V.I(1/6) \text{ MBN}(1724) \text{ P}(14) = 32.39 \text{ m}^3$$

$$Q.V.I(10) \text{ TMBP}(2) = 47.688 \text{ m}^3$$

$$\text{Total qty} = 283.984 \text{ m}^3$$

$$@ Rs 5110.66/\text{m}^3 \quad \quad \quad Rs = 1451090.00$$

$$C/A Rs =$$

Continuation

bf Rs=

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

16/ Retro-reflectorised

16/ Traffic Sign-

(i) for 600mm equilateral and school etc-

Q.V.I (11) TMBP (7) = 12 Nos

@ Rs 5110.42/No — Rs 61325.00

ii/ for 900mm side ^{stop} octagonal

Q.V.I (11) (ii) TMBP (7) = 2 Nos

@ Rs 12958.25/No — Rs = 25917.00

iii/ 600mm x 450mm Rectangular

Q.V.I 11 (iii) TMBP (7) = 6 Nos

@ Rs 6844.24/No — Rs = 41065.00

17/ Planting of trees and

17/ their maintenance for

one year etc.

Q.V.I (12) TMBP (8) = 51 each

@ Rs 1305.10/each — Rs = 66560.00

18/ Road marking with Hot

18/ applied thermoplastic etc-

Q.V.I (13) TMBP (8) = 254 ^{m²}@ Rs 886.50/m² — Rs = 22571.00

C/O Rs =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
19/ Recid marking of 19/ not applied thermoblastic Compound 2.5 mm thick etc -					
Q.V.I (14) TMBP(9) = 200.00 m ²					
@ Rs 886.50 / m ² — Rs 177300.00					
20/ Providing and fixing 20/ Logo of mmcsy board project etc -					
Q.V.I (15) MBM(1724)P(192) = 2 NOS					
Q.V.I (15) TMBP(9) = 3 NOS					
Total Qty = 5 Nos					
@ Rs 12952.81 / No — Rs 64764.00					
21/ Earthwork in excavation 21/ for foundation HPR 600mm etc -					
Q.V.I (8) MBN(1724)P(20) = 62.648 m ³					
@ Rs 405.83 / m ³ — Rs = 25424.00					
22/ Providing MIS PCC (1:2:5) 22/ in found ⁿ etc -					
Q.V.I (9) MBM(1724)P(20) = 11.382 m ³					
@ Rs 7152.14 / m ³ — Rs 81406.00					
0 Rs =					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
23/ Plain Rec m ² o grade in					
23/ Substructure etc -					
QVI (10/10) MBN (1724) P-200 = 60.662 m ³					
@ Rs 8137.79/m ³ ————					Rs 493655.00
24/ Providing & laying Rec					
24/ pipe NP-3 etc					
QVI (1/11) MBN (1724) P-200 = 30.00 m					
@ Rs 3493.97/m ————					Rs 104819.00
25/ Painting on Parapet wall					
25/ (Black & white strips) etc					
QVI (5) TMBN (4) = 49.92 m ²					
@ Rs 136.93 /m ² ————					Rs 6836.00
Total Rs = 19436344.00					
Add GST @ 18% ————					(+) Rs = 3498542.00
Add LC @ 1% ————					(+) Rs = 194363.00
Add SF @ 10% ————					(+) Rs = 285044.00
Up to 3 rd RA					
Add SF @ 10% ————					(+) Rs = 101865.00
Up to this RA bill					
Total Rs = 23516158.00					
C/O Rs = 23516158.00					

21
bf Rs = 2351615800

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

less for @ 27.6 % below
as per agreement — (-) Rs = 6492211.00

Total Rs = 1702334700

less for previous
payment — Rs (-) 9418339.00

Total Amount = 7605008.00

~~Piyanka Yadav~~

Chaudhary

JE

28/08/15

28/08/15

at