Name of work :- Construction of Road from Bhawanipur Uttar ward No-14 me Bhuwneswar Yadav House To Pansahi Nahar Via Awadh Narayan Yadav House.

L = 2-970KM

Shedule XLV Form No. 134.

NDB

R.W.D. W.D. VIRPUR **DIVISION**

PRATAPGANJ **SUB-DIVISION**

Measurement Book

777-A

VINOD KUMAR MISHRA

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 No.	L.	B.	D.	Contents of area
2nd on A/C Bill:-					
Record Entry					
Name of work:- Construction of Road from Bhawanipur Uttar Ward No:-14 me. Bhuwneswar Yadav House To Pansahi Nahar via Awadh Narayan Yadav House.					
Package No:- MMGSY-NDB-BRRP-281 Vidhu					
Agency:- M/s Vinod Kumar Mishra.					
Agreement No & Date:- 34/SBD/2021-22					
Date of Measurement					
Work Done:-					
1000mm dia RCP Culvert:- 1 Nos					
(1) E/w in excavation for foundation ---					
of Structures -- do -- do -- all comp. Job.					
H/w:- 2 x 6.65 M x 1.40 M x 1.50 M = 27.09 m³					
Below Pipe Portion:-					
1 Nos x 4.85 M x 1.53 M x 0.365 M = 2.71 "					
					Total = 29.80 m³
Qtty vide					
Item No:- (2) ---- @ 661.87 "					
					Total Qtty = 691.67 m³
(2) Providing PCC (1:5:10) in					
--- do --- --- do --- all comp. Job.					

Continuation

m/s. Record

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents
	No.	L.	B.	D	of area
Date - 29/1/2023.					

(1) Excavation of embankment from borrow pits on 75 lead including installation,

VM B (10) = 15842.72 m^3

Less - (A) credit -

(i) GSB - Qty = 2003.40 m^3

(ii) WBM G.III - " = 782.84 m^3

(iii) CC pavement. 237.15 m^3

(iv) BT - 8988.75 m^2 x 0.02 = 179.78 m^3

Total qty = 3203.17 m^3

(B) subgrade and shoulders. 7006.56 m^3

Total deduction qty 10209.73 m^3

Net qty = (15842.72 - 10209.73)

Total qty = 5632.99 m^3 (including P. m/s)

(i) Lead 100 m - 84%

5632.99 x 84% = 4731.71 m^3

(ii) Lead 1000 m - (including prev. m/s)

5632.99 x 16% = 901.28 m^3

(2) Ext. Carrying of subgrade and shoulders at 75 1000m lead installation.

subgrade - 1x 2262.50 x 7.60 x 0.30 = 5158.50 m^3

shoulders - 2x 2262.50 x 1.30 x 0.295 = 1735.34

Less - 2x 637 x 0.60 x 0.34 = 259.90 m^3

Qty 7153.74 m^3

Limit qty = 7006.56 m^3 (including previous m/s)

(3) Proof filling 300 mm 75 installation

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) [illegible]					
[illegible]					
[illegible]					
[illegible] :-					
2 × 50 × (7.70 + 4.65)/2 × 0.2					= 123.5
1 × 50 × (13.40 + 4.60)/2 × 0.2					= 90.0
1 × 25.50 × 4.05 × 0.20					= 20.65
1 × 50 × 4.05 × 0.20					= 40.50
			Qty =		274.655 m³
Add previous m/s -					
v [illegible] (13) =					1738.53 m³
[illegible] qty =					2013.185 m³
[illegible] qty =					2003.40 m³
(4) [illegible]					
[illegible]					
[illegible]					
Pcc portion - 186 × 3.75 × 0.075					= 52.31 m³
- 10 m gap of CD -					
1 × 134 × 3.75 × 0.075					= 037.69 m³
ii) 2 × 3 × 100 × 0.375 × 0.075					= 16.88 m³ / 106.88 m³
BT portion - 2 × 100 × 3.75 × 0.075					= 56.25 m³
1 × 15 × 3.75 × 0.075					= 4.22 m³
(790.75 - 832) = 41.25 m					
1 × 41.25 × 3.75 × 0.075					= 11.60 m³
- 2.0 m gap of acc CD -					
(834 - 1554.25) = 720.25 m					
Less pcc portion			300.0 m		
			420.25 m		

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
1×4×100×3.75×0.075 = 112.50 m³					
1×20.95×9.75×0.075 = 5.70 "					
((1554.25 − 2193) = 638.75m.					
1×6×100×3.75×0.075 = 168.75 m³					
1×38.75×3.75×0.075 = 10.90 "					
1×10. acc CD — 50m. gab —					
(2198 − 2918 + 50) = 720.50m.					
7×100×3.75×0.075 = 196.88 m³					
1×20.50×3.75×0.075 = 5.77 m³					
Extra widening — 572.57 m³					
acc portion 100×(8.0 − 3.75)/2×0.075 = 15.94					
1×100×((3.10 − 3.75)/2×0.075 m					
= 35.06 m³					
2×100×(6.40 − 3.75)/2×0.075 = 19.88					
2×100×(7.40 − 3.75)/2×0.075 = 27.38					
1×90×(9.8 − 3.75)/2×0.075 = 4.54 m³					
1×15×(8.40 − 3.75)/2×0.075 = 2.62 m³					
Total qty = 784.87 m³					
Limited qty = 782.87 m³.					
(5) Pro. laying primer coats					
with SS-1 emulsion					
vmsb qty (21) = 784.87 m³					
(P/20) less pce portion qty = 106.88					
(P/21) " = 15.94					
(−) 122.82					
Net qty = 662.05 m³.					
Area = 662.05/0.075 = 8827.34 m²					
Add extra widening 2×35.0×(8.40 − 3.75)/2 = 162.75 m²					
Total qty = 8990.09 m²					
Limited qty = 8988.75 m²					

Continuation

Sch. XLV-Form No. 134

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

(6) [illegible]

[illegible]

d— do — [illegible]

same m/s [illegible] (6)

ok = 8988.75m²

7) [illegible] 92.90

[illegible]

same m/s [illegible] (7)

ok = 8988.75m²

8) Proc. pavement [illegible]

[illegible]

do — do — [illegible]

1 × 15.0 × (8.0 + 3.75)/2 × 0.10 = 8.81m³

2 × 100 × 3.75 × 0.10 = 75.0m³

1 × 97 × 3.75 × 0.10 = 36.38m³

3 × 100 × 3.75 × 0.10 = 112.50m³

1 × 25.0 × 3.75 × 0.10 = 9.37 m³

Total of qty = 242.06m³

Similarly = 237.15m³

(9) Prov. 100 x 300 sol. [illegible]

with filled with local

sand without [illegible]

d— do — [illegible]

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) 2 ×	3 × 100	× 0.50	m	=	300 m²
2 ×	12 ×	0.90 ×	0.75 ×	½ =	10.80 m²
(iii) 2 ×	3 ×	100 ×	(0.50 +	0.75) / 2 =	285.0 m²
2 × 25 m	×	0.50	m	=	25.0 m²
		Total	qty	=	620.80 m²
	Limit qty	=	620.00 m²		
(10) S/F/F/P RCC Km. post					
	as per MoRTH spec. 801/2.9				
(i) Ordinary Km –					
	4 × 1	= 4.0 No.			
(ii) 200 m stone –					
	12 × 1	= 12 No.			
(11) Pro. S/F/F/F/P masonry project board with all work.					
	5 × 1	= 5 No.			
(12) Pro. painting & new letter writing and all work.					
	220 × 1	= 220 No.			
(13) Pro. S/F/F/F boundary pillar with all work.					
	116 × 1	= 116 No.			
(14) S/F/F/F/P/F safety sign board with all work					

Continuation

Sch. XLV-Form No. 134

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

(i) [illegible]

14 x 1 = 14 No.

(ii) [illegible]

8 x 1 = 8 No.

(iii) 800 x 600 [illegible] triangular.

8 x 1 = 8 No

(iv) 600 x 450 [illegible].

2 x 1 = 2 No

(v) 900mm octagonal.

6 x 1 = 6 No.

(15) Pro road marking of BT portion

2 x 2298.50 x 0.10 = 459.70 m²

(16) Pro road marking of PCC portion [illegible]

2 x 312 x 0.10 = 62.40

2 x 325 x 0.10 = 65.00 m²

[illegible] = 127.40 m²

[illegible] = 124.0 m²

(17) Pro s/f of planting of trees [illegible]

235 x 1 = 235 Nos.

[signature] 29/01/23 [signature] 17/04/23

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B/F		Rs. 2,47,29197-00		
Add - 12% GST @ Rs.			2967504-00		
" 1% L-cess @ Rs.			247292-00		
Add - Spec @ Rs.			307727-00		
			Rs. 2,82,51,720-00		
Less - 16.59% below					
			@ Rs. 4686960-00		
			Rs. 2,35,64,760-00		
Less - Previous paid 2nd R/A Bill @ Rs.			71,91010-00		
			Rs. 1,63,73,750-00		
Less. 1st R/A Bill Paid @ Rs.			6299923-00		
			45 days	Rs.	10073827-00
	28/1/23			6/4/23 JE	
	JE				
			17/04/23 AE		
	17/4/23				