

Bhumi Kari Tola Path Se Chhatri Karna Tola.
Schedule XLV Form No.-134

BIHAR P.W.D.

M.M.C.S.Y 100A Address (133)

~~Yard~~ ~~ft~~ ~~in~~ 1691 SUB-DIVISION

DIVISION

MEASUREMENT BOOK

Prayamband Construction Project.

Ist on/c Bill

Construction of road
bhuridara to a part

Name of work- Se chhurdara Tola

Situation of work- In progress.

Agency by which work is executed- Pashan
Construction P.T. LTJ.

Date of measurement-

No. and date of agreement. 22. 08. 24

D. O. Completion 7. 08. 25
(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.	
<u>Date of measurement</u>					22. 08. 24
1/2) Pro. and fixing bench mark -		0.56 km.			
1/3) Reference pillar		0.56 km.			
1/4) Clearing and grading					
	2 x 560. m x 2 =	2240. m			
		= 0.22 H			

1/5) Dismantling of cement
concrete pavement

$$2 \times 2.75 \times 0.60 \times 1.20 = 3.96$$

$$2 \times 2.75 \times 0.60 \times 1.20 = 3.96$$

7.92 m

Landed = 7.50 m³

1/6) Construction of embankment
with materials obtain from

barrow pit.

Chassis	C/S	Mean age	Length	Gds
0	0.47			
50	0.53	0.50	50	25.0
100	0.56	0.55	50	27.5
150	0.54	0.55	50	27.50
200	0.51	0.53	50	26.50

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
250	0.53	0.52	50	26.00	
300	0.54	0.54	50	27.00	
350	0.48	0.51	50	25.50	
400	0.48	0.48	50	24.00	
450	0.52	0.50	50	25.00	
500	0.52	0.52	50	26.00	
560	0.47	0.50	60	30.00	
				290.00	
					290.00 m ²
					A-E

for 100m. lead. = 110.20 m³

for 100m. lead. = 179.80 m³

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Date of Measurement

Sch. XLV-Form No. 134

3

Particulars	Details of actual measurement				Conte. of are
	No.	L.	B.	D.	

1/9 construction of subgrade
and earthworks shoulder
with apporiod materials.

construction of subgrade in
flexible road.

$6 \times 30.00 \times 7.275 \times 0.300 = 392.85 m^3$

~~1/10~~ ~~28/2/2015~~ ~~A/A 28/2/25~~
~~28/2/2015~~ ~~A-E~~

1/10 P.R. C.R. SB 10/13 well
graded Materials

BT portion - 1st layer

$$6 \times 30.00 \times 4.05 \times 0.100 = 72.90 m^3$$
~~130.00 \times 4.05 \times 0.100 =~~

C.C portion -
 $2 \times 12 \times 30.00 \times 0.625 \times 0.100 = 45.00 m^3$

$$2 \times 12 \times 20.00 \times 0.625 \times 0.100 = 2.50 m^3$$

patch - $2 \times 3.5 \times 2.70 \times 0.100 = 1.89 m^3$

$$10 \times 2.00 \times 2.50 \times 0.100 = 5.00 m^3$$

$$5 \times 1.75 \times 2.25 \times 0.100 = 1.97 m^3$$

$$8 \times 1.50 \times 2.10 \times 0.100 = 2.50 m^3$$

$$3 \times 3.00 \times 2.00 \times 0.100 = 1.80 m^3$$

~~133.56 m³~~

~~1/10~~ ~~28/2/2015~~
~~28/2/2015~~
~~28~~

~~A/A~~
~~28/2/25~~
~~A-E~~

1/10 P.R. C.R. SB 10/13 well
graded Materials in
BT portion 2nd layer

$$6 \times 30.00 \times 4.05 \times 0.100 = 72.90 m^3$$

~~1/10~~ ~~2/3/2015~~
~~2/3/2015~~
~~2~~

~~A/A~~
~~2/3/25~~
~~A-E~~

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 A P.M. w.B.M coradding D					
	1.8 x 30.00 x 3.75 x 0.075 = 151.88 m ³				
	1 x 20.00 x 3.75 x 0.075 = 5.63 m ³				
2 B P.T.V stand /fixing Logo Board. D.N.					157.51 m ³
	do do				
	A-2 283125				
	613125				
	A-C				
1 C P.M. Cement concrete pavement					
→ do do					
	1.2 x 30.00 x 3.75 x 0.160 = 216.00 m ³				
	1 x 20.00 x 3.75 x 0.160 = 12.00 m ³				
Extn voids in m ³	2 x 5.00 x 0 + 0.950 + 0 x 0.160 = 0.59 m ³				
	2 x 6.00 x 0 + 0.950 + 0 x 0.160 = 0.61 m ³				
	2 x 11.00 x 0 + 0.800 + 0 x 0.160 = 0.94 m ³				
	2 x 13.5 x 0 + 0.900 + 0 x 0.160 = 1.30 m ³				
	2 x 11.00 x 0 + 0.950 + 0 x 0.160 = 1.11 m ³				
	232.55 m ³				
	do				
	A-2 283125				
	62				
	A-C				

Continuation

Set on A10 Bnd

5

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 Abstract of cost					
2 air and fixing Bench marble					
TMB P-① φ by = 0.56 km @ Rs 5295/- m → Rs 2965/-					
3 Reference Rollers					
TMB P-② φ by = 0.56 km @ Rs 2482.40 /m → Rs 1390/-					
4 Clearing and grubbing TMB P-③ φ by = 0.22 km @ Rs 7557.34 /m → Rs 16626/-					
5 Measurement of concrete Concrete pavement					
TMB P-④ φ by = 7.50 m @ Rs 1799.00 /m → Rs 13493/-					
6 Excavation for roadway in soil using manual means carrying of cut earth embankment					
TMB P-⑤ φ by = 47.50 m @ Rs 103.96 /m → Rs 4938/-					
7 Construction of Embankment with Railways, Other form borrow pit An Lead 1000 m TMB P-⑥ φ by = 110.20 m @ Rs 259.62 /m → Rs 28610/-					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7	for load - 100 m ²				
TMB P - (2)	g/m ²	179.80 m ²			
@ Rs 170/- /m ²		Rs 31674/-			
8	construction of subgrade and earthen shoulder				
TMB P - (3)	g/m ²	392.85 m ²			
@ Rs 264.12 /m ²		Rs 103877/-			
9	U.S. B width all graded				
Grade - I					
TMB P - (3)	g/m ²	133.56 m ²			
TMB P - (3)	g/m ²	72.90 m ²			
		206.46 m ²			
		@ Rs 1259.19 /m ²			Rs 259972/-
10	per W.R.M. trading II				
11	-				
TMB P - (4)	g/m ²	157.51 m ²			
@ Rs 5366.93 /m ²		Rs 845345/-			
12	per and finely 1000 bags				
30	-				
TMB P - (4)	g/m ²	2 m			
		@ Rs 12336.56 /m			Rs 24673/-
13	per concrete parapet				
14	do do				
TMB paper (4)	g/m ²	232.55 m ²			
		@ Rs 9839.35 /m ²			Rs 2288141/-
					Rs 362170/-
Add 1 y. L. less		+ Rs			Rs 36217/-
					Rs 3657921/-

Continuation

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Rs 3657921/-
Addl 18 Y. 67.37	(1)	65.9072			65.9072
Addl S. Fee		47.25	54.1485		54.1485
					Rs 4851313 = 0
					Rs 4376365 = 0
Less 0.86% as per Agreement					(-10) 37637 = 0
					Rs 4338728 = 0
					Rs 1283453 = 0
Exclusion					
C.F.P					Rs 1283453 = 0

Attachment 31/01/25
 Return - 137.07
 Drmt - 1283453 = 0
 Drmt - 1283453 = 0
 Tax on Ac. value - 1283453 = 0
 Balance - 1283453 = 0

Sch. XLV-Form No. 134

8

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Soil/orange peo					
Emulsion.					Rs 1022/-
Sub-grade					Rs 1385/-
C.S.B - 7					Rs 17410/-
W.B.M - II					Rs 22591/-
C.C paneling					Rs 24129
					66537/-

(@) Sumon
27/3/2015
BB

Material statement

- (1) earth → 682.85 m²
- (2) sand → 178.98 m³
- (3) stone chips → 431.12 m³
- (4) Emulsion 85, → 0
- (5) emulsion. Re, → 0
- (6) Bitumen V.V. 10 → 0

(@) Sumon
27/3/2015
BB

N.R. No. → Date of →
 Date on M.C. bill B.F. - 12834532.
 T. Value - 10876922
 Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Memo of Payment</u>					
7.5% S.D. —		9625920			
2% S/Ham —		2175320			
1% L.C.C. —		1083520			
1% CGST —		1087720			
1% SGST —		1087720			
10% I.S. Rec —		6653720			
Locality —		5090020			
Total deduction —		27003820			
Pay by Cheque —		101341520			
Total —		128345320			

Passed for (Rs 128345320)
 Rupees twelve lakh eighty
 three thousand four hundred
 fifty three only.

21/03/2023

EXECUTIVE ENGINEER
 R.W.D. (W) Division, Raxaul

21/03/2023