

Name of work - Toa To Dhokgama

Schedule XLV-Form No. 134

(N.M.P.-2018)

Darbhanga-2

DIVISION

Keotla

SUB-DIVISION

MBNo-1449

MEASUREMENT BOOK

Agency - Sri Arish Kumar Srinivas

प्रमाणित किया जाता है कि इस मापी पुस्तक में
कुल.....100.....(पन्ने) टंकित हैं जिस को
सहायक अभियंता श्री पंकज कुमार
ग्रामीण कार्य विभाग कार्य अवर प्रमंडल
के.उ.टी. के नाम से निर्गत किया जाता है

[Signature]
Executive Engineer
R.W.D.(W) Division
Darbhanga-2
18/6/24

Re-issued to Mr. Ravish Kumar
JE, Keoti-2

Pankaj
18/6/24
A.E., Keoti

Sch. XLV-Form No. 134

Darbhanga-2 DIVISION

Keoti SUB-DIVISION

Measurement Book

No. 1449

Name of officer Sd/- Pankaj Kumar

A.E. Keoti

Date of first entry _____

Date of last entry _____

1st on A/c Bill

1.

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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Construction of Maintenance					
Work(MR) of Road T-2 to					
Shobgama under New					
Maintenance Policy - 2018					
Agreement No - 01/M.B.D/2024-25					
Agency - Sri Arunsh Kumar					
Vill + Po - Rampur					
P.S - Singhwara					
Distt - Darbhanga					
pkg No - MR-N/23-24-800-02/07					
Date of Start - 18-06-24					
D.O.C & Per Agreement - 17-03-25					
Item of work					
[01] clearing & Grubbing Road					
[24] Land including uprooting wild					
Vegetation - do - all Comp Job					
02 X 10 nos	X 30m	X 1.00m	=	600.00	
02 X 10	X 30	X 1.00	=	600.00	
02 X 10	X 30	X 1.00	=	600.00	
02 X 10	X 30	X 1.00	=	600.00	
02 X 10	X 30	X 1.00	=	600.00	
02 X 10	X 30	X 1.00	=	600.00	
02 X 10	X 30	X 1.00	=	600.00	
02 X 10	X 30	X 1.00	=	600.00	

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
02 X 10 X 30 X 1.00 =					600.00
02 X 06 X 30 X 1.00 =					360.00
02 X 01 X 20 X 1.00 =					40.00
					5 200.00
					52.44
Say $\rightarrow 0.5244$					

[02] Scarifying Existing RT
Surface to a depth of
150 mm & disposal of
Scarified material ---
do --- all comp. Job

05 X 30M X 3.75M =	562.50
05 X 30 X 3.75 =	562.50

05 X 30 X 3.75 =	562.50
01 X 02 X 30 X 3.75 =	112.50
01 X 14 X 3.75 =	52.50
	1852.50
Raw 24 120/17/11 ARE	Sqm
20.07/24 JE	

[03] Construction of Dry Lean
Cement concrete Sub-base
over a Prepared Sub-grade
with coarse --- E/I

06 X 9M X 1.20M X 0.10M =	1.08
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Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
01	X06	X1.20	X0.100m	=	0.72
01	X07	X0.90	X0.100	=	0.63
01	X08	X1.70	X0.10	=	1.36
01	X09	X1.60	X0.10	=	0.80
01	X08	X2.10	X0.10	=	1.68
01	X07	X2.00	X0.10	=	1.40
02	X4.60	X1.75	X0.10	=	1.61
01	X07	X1.50	X0.10	=	1.05
01	X08	X1.40	X0.10	=	1.12
01	X11	X1.30	X0.10	=	1.43
01	X07	X1.75	X0.10	=	1.23
01	X09	X1.60	X0.10	=	0.90
02	X06	X1.80	X0.10	=	2.16
01	X6.50	X1.35	X0.10	=	0.87
01	X5.60	X1.40	X0.10	=	0.78
01	X8.90	X1.50	X0.10	=	1.33
	01	X9.00	X1.75	X0.10	= 1.57
	01	X10.50	X2.10	X0.10	= 2.21
	01	X9.75	X0.75	X0.10	= 0.73
	01	X06	X1.70	X0.10	= 1.02
	01	X7.60	X1.50	X0.10	= 1.14
					26.82
					cu
104 Construction of un-Reinforced					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Plain cement concrete					
Pavement with 43 grade					
Cement - - do - all comp.					
Job					
From CH:-→ 1451M to 2246M					
$0.1 \times 30 \times 3.75 \times 0.160 = 18.00$					
$0.1 \times 30 \times \frac{(3.75 + 3.80)}{2} \times 0.160 = 18.12$					
$0.1 \times 30 \times \frac{(3.75 + 3.80)}{2} \times 0.160 = 18.12$					
$0.1 \times 30 \times 3.80 \times 0.160 = 18.24$					
$0.1 \times 30 \times \frac{(3.80 + 3.85)}{2} \times 0.160 = 18.36$					
$0.1 \times 30 \times \frac{(3.85 + 3.80)}{2} \times 0.160 = 18.36$					
$0.1 \times 30 \times 3.80 \times 0.160 = 18.24$					
$0.1 \times 30 \times \frac{(3.80 + 3.75)}{2} \times 0.160 = 18.12$					
$0.2 \times 30 \times 3.75 \times 0.160 = 36.00$					
$0.1 \times 30 \times 3.75 \times 0.160 = 18.00$					
$0.1 \times 30 \times \frac{(3.75 + 3.80)}{2} \times 0.160 = 18.12$					
$0.1 \times 30 \times \frac{(3.80 + 3.75)}{2} \times 0.160 = 18.12$					
					235.80
					CUM
Ravi					
22-07-24					
JE					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
105] construction of un-Reinforced Plain Cement concrete Pavement with 43 Grade cement as per direction of E/I from CH-1457m to 2246m					
01m x 30m x (3.80 + 3.75) / 2					18.12
01 x 30 x (3.80 + 6.40 + 3.75) / 3					22.32
02 x 30 x 3.75 x 0.160 =					36.00
02 x 30 x 3.75 x 0.160 =					36.00
01 x 30 x (3.75 + 3.80) / 2 x 0.160 =					18.12
01 x 30 x (3.80 + 3.75) / 2 x 0.160 =					18.12
04 x 30 x 3.75 x 0.160 =					72.00
Rev 02 x 30 x 3.75 x 0.160 =					
03 x 15 x 3.75 x 0.160 =					27.00
					Total = 247.68 cum
Rev 29-07-24 J-E					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
[06] Construction of un-Reinforced P.C.C Pavement With 43 Grade Cement --- E/1					
(From old - 264.9m - 162.75m)					
03m X 1.5m X 3.75m X 0.160m					= 27.00
01 X 1.5 X (3.75 + 3.80)					X 0.160 = 9.06
01 X 1.5 X (3.80 + 3.75)					X 0.160 = 9.06
01 X 2.5 X 3.75					X 0.160 = 15.00
01 X 0.2 X 3.75					X 0.160 = 1.20
Row 03-08-24 part 3/8 m AC					Total = 61.32 cum

[07] Construction of GSB by Providing well graded material, Spreading in uniform layer & Compacting - - do - all Complete Job. (Pot Patch Repair)					
0.70 X 2.75m X 1.60 X 0.10m					= 0.92
01 X 9.50 X 1.20 X 0.10					= 1.14
03m X 0.5m X 1.25 X 0.100					= 1.800
04 X 0.8 X 1.10 X 0.100					= 3.520
02 X 0.6 X 0.90 X 0.100					= 1.620
04 X 0.6 X 1.40 X 0.100					= 3.360
05 X 0.7 X 0.80 X 0.100					= 2.800
03 X 0.8 X 1.10 X 0.100					= 2.640

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
04 X 05 X 0.90 X 0.100 =					1.800
03 X 05 X 0.80 X 0.100 =					1.200
04 X 06 X 1.10 X 0.100 =					2.640
03 X 08 X 0.50 X 0.100 =					1.20
02 X 05 X 0.70 X 0.100 =					0.70
04 X 05 X 0.90 X 0.100 =					1.800
02 X 08 X 0.80 X 0.100 =					1.280
04 X 06 X 1.50 X 0.100 =					3.600
05 X 04 X 1.10 X 0.100 =					2.20
07 X 04 X 1.20 X 0.100 =					3.36
06 X 06 X 1.50 X 0.100 =					5.40
05 X 05 X 0.80 X 0.100 =					2.00
04 X 08 X 0.90 X 0.100 =					2.88
05 X 03 X 0.70 X 0.100 =					1.05
04 X 06 X 0.60 X 0.100 =					1.44
07 X 07 X 0.50 X 0.100 =					2.45
08 X 05 X 1.20 X 0.100 =					4.80
04 X 06 X 1.30 X 0.100 =					3.12
05 X 05 X 1.20 X 0.100 =					3.00
06 X 07 X 0.90 X 0.100 =					2.10
09 X 08 X 0.75 X 0.100 =					5.40
08 X 08 X 0.80 X 0.100 =					5.12
07 X 06 X 1.10 X 0.100 =					4.62
09 X 09 X 1.40 X 0.100 =					6.30
07 X 05 X 0.50 X 0.100 =					1.75
06 X 03 X 1.20 X 0.100 =					2.16
09 X 08 X 1.60 X 0.100 =					11.52

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
02 X 06 X 1.50 X 0.10 =					1.80
01 X 11 X 1.60 X 0.10 =					1.76
01 X 5.60 X 1.45 X 0.10 =					0.81
01 X 7.60 X 1.50 X 0.10 =					1.14
01 X 06 X 1.70 X 0.10 =					1.02
01 X 9.75 X 0.75 X 0.10 =					0.73
01 X 10.50 X 2.10 X 0.10 =					2.21
01 X 9.00 X 1.75 X 0.10 =					1.57
01 X 8.90 X 1.50 X 0.10 =					1.33
Round 12.08-24 J.E					Total → 115.06 cum

[08] P/V, Laying Spreading & Compacting WBM - Class III					
do - all Complete Job.					
Near Shiv Mandir					
03 _{no}	30M	3.75M	0.075M		25.31
01	10	3.75	0.075		2.81
Foot Path Patch Repair					
07 _{no}	6.00M	1.60M	0.075M		5.040
08	09	1.20	0.075		6.480
09	08	1.10	0.075		5.94
07	03	0.90	0.075		1.42
05	07	0.50	0.075		1.31

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	09	X05	X1.40	X0.075	= 4.73
	08	X06	X0.90	X0.075	= 3.24
	08	X08	X0.80	X0.075	= 3.84
	09	X08	X0.50	X0.075	= 2.70
	06	X07	X0.75	X0.075	= 2.36
	05	X05	X1.20	X0.075	= 2.25
	04	X06	X1.30	X0.075	= 2.34
	08	X05	X1.20	X0.075	= 3.60
	07	X07	X0.50	X0.075	= 1.84
	04	X06	X1.75	X0.075	= 3.15
	05	X03	X1.50	X0.075	= 1.68
	08	X04	X1.10	X0.075	= 2.64
	05	X05	X1.50	X0.075	= 2.43
		06	X7.50	X1.80	X0.075 = 6.07
		08	X06	X1.75	X0.075 = 6.30
		04	X9.60	X1.60	X0.075 = 4.60
		07	X7.60	X1.90	X0.075 = 7.38
				Total:	109.66
					Cu.M
Area =		109.66			
		0.075			
		=	1462.13	Sq.m	
Round	27-08-24				
J-E					
[09] P.V.					
laying					
Spreading					
Compacting					
WBM					
60-911					
- do -					
all complete Job					
(Pot Patch Repair)					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
02	4	0.0M	1.60	0.075	= 0.96
03	1.50	X	0.90	0.075	= 0.30
02	10	X	1.30	0.075	= 1.35
01	X	8.50	X	0.75	0.075 = 0.47
03	X	0.8	X	0.60	0.075 = 0.67
04	X	1.90	X	0.60	0.075 = 0.84
01	X	12	X	1.50	0.075 = 1.35
02	X	6.75	X	1.70	0.075 = 1.72
04	X	15	X	2.10	0.075 = 3.45
02	X	12.75	X	2.70	0.075 = 5.16
03	X	5.10	X	1.90	0.075 = 2.18
02	X	0.7	X	1.25	0.075 = 1.31
04	X	3.60	X	1.10	0.075 = 1.78

$$01 \times 20 \times 1.40 \times 0.075 = 2.10$$

$$\text{Area} = \frac{29.13}{0.075} = 388.40 \text{ sqm}$$

Raw
03.09.21
JE

paup
3/9/21
KE

[10] construction of Embankment
with material obtained

from borrow pits -- do

-- all comp. Job

E/work City for BT Portion

$$02 \times 0.5 \text{ nos} \times 30 \text{M} \times 1.19 \times 0.350 = 115.50$$

$$02 \times 0.5 \times 30 \times 1.00 \times 0.350 = 105.00$$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measure				Contents of area	
	No.	L.	B.	D.		
	02	10	30	1.00	0.350 = 210.00	
	02	10	30	1.10	0.350 = 231.00	
	02	10	30	0.90	0.350 = 94.50	
	02	10	30	1.05	0.350 = 110.25	
	02	11	30	0.90	0.350 = 189.00	
	02	10	30	0.80	0.350 = 84.00	
	02	10	30	0.75	0.350 = 78.75	
	02	11	30	1.15	0.350 = 241.50	
	02	10	30	0.90	0.350 = 94.50	
	02	10	30	0.70	0.350 = 73.50	
	02	10	30	1.10	0.350 = 138.60	
	02	10	1	20	0.90	0.350 = 12.60
For PCC Portion						
	02	10	5	15	0.75	0.10 = 11.25
	02	10	5	15	0.60	0.10 = 9.00
	02	10	10	30	0.80	0.10 = 48.00
	02	10	1	30	0.65	0.10 = 3.90
	02	10	1	20	0.60	0.10 = 2.40
	02	10	3	30	0.70	0.10 = 12.60
	02	10	1	10	0.60	0.10 = 1.20
						1867.05 cum
Lead up to 1000m						
						= 40% of 1867.05
						= 746.82 cum
(ii) Lead up to 100m = 60% of 1867.05						
						= 1120.23 cum
Ram 29-29						
Cum						

Continuation

21/9/14
 21/9/14
 21/9/14

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
[11] P/V & applying Primer Coat with BT Emulsion (SS-1) on prepared surface of Granular Base - - do - all Comp. Job					
	01	20	7	12 + 4.60	m = 58.10
	01	20	8	12 + 4.60	m = 34.40
	01	15	15	12 + 3.85	m = 58.87
	05	30	3	7.5	= 562.50
	05	30	3	7.5	= 562.50
	10	30	3	7.5	= 1125.00
	09	30	3	7.5	= 1012.50
	10	30	3	7.5	= 1125.00
	10	30	3	7.5	= 1125.00
	10	30	3	7.5	= 1125.00
	06	30	3	7.5	= 675.00
	01	20	3	7.5	= 75.00
01 X 05 X 3.75 =					
Extra widening at curve					
	01	15	15	(4.10 + 3.75 - 3.75)	= 2.62
	01	10	15	(4.50 + 3.75 - 3.75)	= 3.75
	01	15	15	(3.90 + 3.75 - 3.75)	= 1.12
					9796.32
Rate 15-10-24 J-E					59.11
15/10/24					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
12] Providing & applying Prime Coat with BT Emulsion (SS-1) on Prepared Surface -					
do - all Complete Job					
Pot Patch Area of WBM Portion					
① Same Area as in = 1462.13					
Item No-08 of P-09					
① Same Area as in = 388.70					
Item No-09 of P-09					
					1850.83
					Sq.m.
13] Providing & laying S.D.B.C with Crushed Aggregate of specific grading					
Premixed with Bituminous Binder - do - all -					
Complete Job					
$0.1 \times 0.7 \text{ m} \times \left(\frac{12 + 4.60}{2} \right) \text{ m} \times 0.025 \text{ m} = 1.45$					
$0.1 \times 0.8 \times \left(\frac{4.60 + 4.00}{2} \right) \times 0.025 = 0.86$					
$0.1 \times 1.5 \times \left(\frac{4.00 + 3.85}{2} \right) \times 0.025 = 1.47$					
$0.5 \times 30 \times 3.75 \times 0.025 = 14.06$					
$0.5 \times 30 \times 3.75 \times 0.025 = 14.06$					
$10 \times 30 \times 3.75 \times 0.025 = 28.13$					
$0.9 \times 30 \times 3.75 \times 0.025 = 25.31$					
$10 \times 30 \times 3.75 \times 0.025 = 28.13$					
$10 \times 30 \times 3.75 \times 0.025 = 28.13$					
$10 \times 30 \times 3.75 \times 0.025 = 28.13$					
$10 \times 30 \times 3.75 \times 0.025 = 28.13$					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
10 X 30 X 3.75 X 0.025					= 28.13
06 X 30 X 3.75 X 0.025					= 16.87
01 X 20 X 3.75 X 0.025					= 1.87
01 X 11 X 3.75 X 0.025					= 1.03
Extra widening at Curve					
01 X 15 X $\frac{4.10 + 3.75 - 3.75}{2} \times 0.025$					= 0.065
01 X 10 X $\frac{4.50 + 3.75 - 3.75}{2} \times 0.025$					= 0.083
01 X 15 X $\frac{3.80 + 3.75 - 3.75}{2} \times 0.025$					= 0.028
					Total = 295.946
					Cum
<u>Raw</u> 15-10-24 SE <u>Part</u> 15/10/24 ME					

[14] Providing & Fixing Logo
of maintenance Project
= 03 No

[15] P/V & laying hot applied
hot applied thermoplastic
Compound 2.5mm thick
including - - do - all -
Complete Job
BT Portion

02 X 10m X 30m X 0.10m	= 60.00
02 X 10 X 30 X 0.10	= 60.00
02 X 16 X 30 X 0.10	= 60.00
02 X 10 X 30 X 0.20	= 60.00

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
02	X10	X30	X0.10	=	60.00
	02	X10	X30	X0.10	= 60.00
	02	X10	X30	X0.10	= 60.00
	02	X10	X30	X0.10	= 60.00
	02	X06	X30	X0.10	= 36.00
	02	X01	X20	X0.10	= 4.00
	02	X01	X11	X0.10	= 2.20
<u>CC Portion</u>					
	02	X10	X30	X0.10	= 60.00
	02	X10	X30	X0.10	= 60.00
	02	X10	X30	X0.10	= 60.00
				Say 702.20	sqm
				700.00	sqm
				2.20	sqm
<u>Raw</u>					
19-10-24					
J.E.					
part 19/10/24					
[16] Providing & Fixing m=5					
Grade K.M Stone					
= 05 No					
[17] Providing & Fixing m=5					
Grade Meter Post					
= 13 No					
[18] Providing & Fixing of Road					
Shields do all conf Job					
= 120 No					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
[19] Providing & Fixing Rec M/S grade Boundary Pillar - = 28 No.					
[20] Providing & Fixing off Retro reflectorised Cautionary, Mandatory & Informatory Sign Board - do - all Complete Job (1) 600mm equilateral & triangle = 18 No					

(ii) 600mm circular
= 16 No

(iii) 600mm x 450mm Rectangular
= 08 No

Ravi
21-10-24
J.E

21/10/24
AE

Continuation

Abstract of cost

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
01/24] Clearing & grubbing Road Land.					
Area vide - Page No - 01802					
= 0.5249					
@ ₹76,926 = 08					→ ₹40002 = 00
02/26] Construction of Embankment with material obtained from borrow pits with 100m Lead.					
Cty vide - P - 11 = 1120.23					
@ ₹185 = 28/m ³ Cum					
					→ ₹207556 =
03/25] Construction of Embankment with material obtained from borrow pits with 1000 m Lead					
Cty vide - P - 11 = 746.82					
@ ₹257 = 97/m ³ Cum					→ ₹192637 =
04/28] Scarifying the existing BT Road Surface.					
Vide - Page No - 02					
= 1852.50 m ²					
@ ₹20 = 54/m ²					→ ₹38050 =

Continuation

478265 = 00

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
$\frac{05}{29}$ Construction of G.S.B-2 by providing well graded material spreading in uniform layer. Qty. vide P-074, 08 $= 115.06 \text{ m}^3$ $@ ₹ 3469 = 09 / \text{m}^3$ — $₹ 398693 = 00$					
$\frac{06}{30}$ P/V, laying & spreading & Compacting WBM-Corr-M Qty vide T-M-B ① Page No - 08 = 109.66 ② Page No - 10 = 29.13 138.79 m^3 $@ ₹ 4822 = 97 / \text{m}^3$ — $₹ 669380 = 00$					
$\frac{07}{31}$ providing & applying Prime Coat with BT Emulsion (SS-1) — do — all comp Job Area vide Page No - 13 Item No (12) = 1850.53 sq. m $@ ₹ 57 = 08 / \text{sq. m}$ — $₹ 105628 = 00$					
$\frac{08}{32}$ providing & applying Tack Coat. Area vide P-12					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Item No - 11 =				9796.32	
	Limit to			52m	
				→ 9750.00	
				39m	
@ ₹19 = 62/Sq.m					→ ₹191295 = 00
<u>09</u> <u>33</u> P.V. & laying S.D.B.C					
using crushed aggregate					
of specific grading					
Qty vide P - 14 =				245.946	
				Cum	
@ ₹14232 = 11/m ³					→ ₹350033 = 00
<u>10</u> <u>34</u> construction of D.L.C					
over a prepared sub grade					
Qty vide P - 02 & 03					
				26.82 cum	
@ ₹5842 = 40/m ³					→ ₹156693 = 00
<u>11</u> <u>35</u> Construction of un-Reinforced					
Cement Concrete Pavement					
with 43 grade cement					
Qty vide -					
① Page No - 04 =				235.80	
② Page No - 05 =				247.68	
③ Page No - 06 =				61.32	
				544.80 cum	
@ ₹8572 = 31/cum					→ ₹4670521 =
<u>12</u> <u>36</u> P.V. & fixing KM Stone					

Continuation

10170806 = 00

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
vide P-15	15		0.5	No	
@ ₹ 155	16	Each			→ ₹ 15776 = 00
<u>13</u> <u>37</u>	200 m	Stone		= 13 No	
@ ₹ 850	78	Each			→ ₹ 11060 = 00
<u>14</u> <u>38</u>	Providing & fixing of Road				
	Staple	vide P-15			
		= 120 No			
@ ₹ 294	67	Each			
					→ ₹ 35360 = 00
<u>15</u> <u>39</u>	Providing & fixing Logo				
		of Maintenance Project			

				= 03 No	
@ ₹ 15063	81	Each			→ ₹ 45191 = 00
<u>16</u> <u>40</u>	P/V & fixing of Retro				
	reflective cautionary mandatory				
	vide P-15				
	(i) 600 mm equilateral triangle				
	vide P-16			= 18 No	
@ ₹ 5737	66	Each			→ ₹ 103278 = 00
<u>17</u> <u>41</u>	P/V & fixing of Retro-reflective				
	cautionary mandatory				
	(ii) 600 mm circular				
				= 16 No	
@ ₹ 7305	46	Each			→ ₹ 116887 = 00

Continuation

10498358-00

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
18/42 P/V & fixing of Retro-reflectors/Reg cautionary Mandatory Sign Board (600x750mm) Rectangular					
Vide-P-16 = 08 No					
@ ₹ 7144 = 98 Each					₹ 7160 = 00
19/43 P/V & fixing of 15 grade Boundary Pillar.					
Vide-P-16 = 28 No					
@ ₹ 743 = 51 Each					₹ 20818 = 00
20/45 P/V & laying of hot applied thermoplastic compound					
2.5mm thickness.					
Vide Page No (14)					
Item No (15) = 700.00 Sq.m					
@ ₹ 712 = 25 / Sq.m					₹ 498275 =
					₹ 11674911 = 00
Add GST @ 18%					₹ 1993484 = 00
Add L.C @ 1%					₹ 110749 = 00
Add S.F					₹ 116865 = 00
					₹ 13296009 = 00
Less 14.86% below as per Agreement					₹ 1975787 = 00
					₹ 11320222 = 00
Raw 24-10-24					
56					
Paint 24/10/24					
4E					

Ltd No - 108 Continuation date - 21-10-24

Rs - 96.40.000 = 00

S.F calculation

22

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
SL No/Item	Quantity	Rate			Amount
01. Earth work	1867.05	35=25			65814=00
02. G.S.B-1	115.06	843=25			97024=
03. WBM-II	138.79	1434=24			199058=
04. Mass concrete	245.94	886=08			217927=
05. D.L.C	26.82	878=45			23560=
06. Cement concrete pavement	544.80	1037=27			565268=

Total ₹ 1168651

S.F ⇒ 10% of ₹ 1168651 = 00

₹ 116865 = 00

Rev
24-10-24

J-E

Material

- ① Earth Work: - 1867.05 M³
- ② Stone Metal → 271.50 M³
- ③ Stone chips → 855.50 M³
- ④ Stone Dust → 45.00 M³
- ⑤ Coarse Sand → 301.00 M³
- ⑥ Emulsion (SS-1) → 1.573 MT
- ⑦ Emulsion (RS-1) → 2.925 MT
- ⑧ Bitumen (S-65) → 2.7 MT
- ⑨ Filler → 10.82 MT

Σ (12.10 M³)

Rev
24-10-24
J-E

Continuation

1st on file Bill

Limit Payment Rs - 9640000.00
 Value with GST - 8169492.00
 Net 2300 Payment

Sch. XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
SD @ 5%	—	—	482000	—	—
IT @ 1%	—	—	96400	—	—
Lease @ 1%	—	—	96400	—	—
GST @ 1%	—	—	81695	—	—
SGST @ 1%	—	—	81695	—	—
Payment	—	—	2825635	—	158521
St	—	—	116865	—	—
Deduction	—	—	1237618	—	113576
B/C FMS	—	—	8407382	—	8526424
Total	—	—	9640000	—	—
Passed for Rs - 9640000.00 (Rs)	—	—	—	—	—
Not due for four thousand only	—	—	—	—	—

Executive Engineer
 R.W.D. (V) Division
 Darbhanga-2

Defunct
 11.11.24

12.11.24

Bill Ref No
 2024/113047220
 13/11/24

Continuation

[illegible]

1857.05 H ³	271.50 H ³	61613.00
28.55 H³	—	42832.00
45.00 H ³	—	67500.00
35.00 H³	—	451300.00
—	157.00	158521.00

Continuation

2nd on A/c Bill

25
Sch.XLV-Form No. 134

Form No. 134					
Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Name of Work :-	Construction with maint				
	work (MR) of Road T02 to				
	Dhobgama under NMP-2018				
Agreement No. :-	01/MBD/2024-25				
Agency :-	Sri Anish Kumar Tiwari				
Date of Start :-	18-06-2024				
Date of Completion :-	17-03-2025				
as per Agreement :-					
Record Measurement as per RENBIS - 19					
Item of Work					

[01] Construction of embankment
with material obtained from
borrow pits - do - all comp job

Overall measurements for BT portion					
02 sides	X	6m	X	30m	X 1m X 0.35m = 138.60
02	X	0.1	X	30	X 1.0 X 0.35 = 21.00
02	X	0.3	X	30	X 1.1 X 0.35 = 69.30
02	X	0.6	X	30	X 1.2 X 0.35 = 151.20
02	X	0.2	X	30	X 1.1 X 0.35 = 46.2
02	X	0.2	X	30	X 1.2 X 0.35 = 50.40
02	X	0.4	X	30	X 1.0 X 0.35 = 84.00
02	X	0.6	X	30	X 1.0 X 0.35 = 126.00
02	X	0.6	X	30	X 1.2 X 0.35 = 151.20
02	X	0.7	X	30	X 1.2 X 0.35 = 176.40
02	X	0.2	X	30	X 1.1 X 0.35 = 46.20
02	X	0.6	X	30	X 1.1 X 0.35 = 138.60
02	X	0.5	X	30	X 1.2 X 0.35 = 126.00

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
02x06x30x1.1x0.35=					138.60
02x04x30x1.1x0.35=					92.40
02x06x30x1.1x0.35=					138.60
02x02x30x1.1x0.35=					46.20
02x05x30x1.1x0.35=					115.50
02x04x30x1.2x0.35=					100.80
02x03x30x1.0x0.35=					63.00
02x01x20x1.0x0.35=					14.00
					2034.2 m ³

Overall measurements for CC

02x01x30x0.7x0.100=	4.20
02x01x30x0.7x0.100=	4.20
02x02x30x0.7x0.100=	8.40

02x01x30x0.8x0.100=	4.80
02x01x30x0.6x0.100=	3.60
02x01x30x0.5x0.100=	3.00
02x02x30x0.7x0.100=	8.40
02x01x30x0.7x0.100=	4.20
02x02x30x0.7x0.100=	8.40
02x02x30x0.9x0.100=	10.80
02x01x30x0.8x0.100=	4.80
02x01x30x0.5x0.100=	3.00
02x02x30x0.8x0.100=	9.60
02x01x30x0.8x0.100=	4.80
02x01x30x0.5x0.100=	3.00
02x01x30x0.9x0.100=	5.40
02x01x30x0.8x0.100=	4.80

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
02x02x30x0.8x0.100					= 9.60
02x02x30x0.8x0.100					= 9.60
02x01x30x0.7x0.100					= 4.20
02x02x30x0.5x0.100					= 6.00
02x01x27x0.5x0.100					= 2.70
					127.50m ³
Total for BT & PCC = 2034.2 + 127.5					
= 2161.7 m ³					
① Lead upto 1000m = 40% of 2161.7 m ³					
= 864.68 m ³					
② Lead upto 100m = 60% of 2161.7 m ³					
= 1297.02 m ³					

Siddhant	part
14/11/24	14/11/24
	AE
[02/04] Construction of subgrade & earthen shoulders -- do -- all comp job for BT portion (lead upto 1000m)	
02 sides x 06 no x 30m x 1.1m x 0.025m	= 9.90
02x01x30x1.0x0.025	= 1.50
02x03x30x1.0x0.025	= 4.50
02x06x30x1.1x0.025	= 9.90
02x02x30x1.0x0.025	= 3.00
02x02x30x1.1x0.025	= 3.30
02x04x30x0.9x0.025	= 5.40
02x06x30x1.0x0.025	= 9.00
02x06x30x1.0x0.025	= 9.00

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	02X	07X	30X	0.9X	0.025 = 9.45
	02X	02X	30X	0.9X	0.025 = 2.70
	02X	06X	30X	0.9X	0.025 = 8.10
	02X	05X	30X	1.1X	0.025 = 8.25
	02X	06X	30X	1.1X	0.025 = 9.90
	02X	04X	30X	1.0X	0.025 = 6.00
	02X	06X	30X	0.9X	0.025 = 8.10
	02X	02X	30X	1.1X	0.025 = 3.30
	02X	05X	30X	0.9X	0.025 = 6.75
	02X	04X	30X	1.0X	0.025 = 6.00
	02X	03X	30X	1.0X	0.025 = 4.50
	02X	01X	20X	1.0X	0.025 = 1.00
					129.55m ³

for P.C.C. Portion					
	02X	01X	30X	0.6X	0.160 = 5.76
	02X	01X	30X	0.65X	0.160 = 6.24
	02X	02X	30X	0.7X	0.160 = 13.44
	02X	01X	30X	0.7X	0.160 = 6.72
	02X	01X	30X	0.55X	0.160 = 5.28
	02X	01X	30X	0.45X	0.160 = 4.32
	02X	02X	30X	0.7X	0.160 = 13.44
	02X	01X	30X	0.65X	0.160 = 6.24
	02X	02X	30X	0.7X	0.160 = 13.44
	02X	02X	30X	0.85X	0.160 = 16.32
	02X	01X	30X	0.75X	0.160 = 7.20
	02X	01X	30X	0.40X	0.160 = 3.84
	02X	02X	30X	0.75X	0.160 = 14.40

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
$0.2 \times 0.1 \times 30 \times 0.70 \times 0.160 = 6.72$					
$0.2 \times 0.1 \times 30 \times 0.45 \times 0.160 = 4.32$					
$0.2 \times 0.1 \times 30 \times 0.85 \times 0.160 = 8.16$					
$0.2 \times 0.1 \times 30 \times 0.8 \times 0.160 = 7.68$					
$0.2 \times 0.2 \times 30 \times 0.75 \times 0.160 = 14.40$					
$0.2 \times 0.2 \times 30 \times 0.80 \times 0.160 = 15.36$					
$0.2 \times 0.1 \times 30 \times 0.65 \times 0.160 = 6.24$					
$0.2 \times 0.2 \times 30 \times 0.40 \times 0.160 = 7.68$					
$0.2 \times 0.1 \times 27 \times 0.45 \times 0.160 = 3.88$					
					191.088 m ³
Total for BT & PC = 129.55					191.088
					= 320.638 m ³

Siddharth
30/11/2024
(15)

Paint
30/11/2024
AE

[03/21] Planting of trees and their maintenance for one year
---do--- all comp job = 255 Nos

[04/24] Plastering with cement mortar
---do--- all comp job = 119.50 m²

[05/25] Painting two coats ---do---
---do--- all comp job = 119.50 m²

Siddharth
15/12/2024
(15)

Paint
15/12/2024
AE

Continuation

Abstract of Cost

30

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
[01/01] Clearing & Grubbing Road Land					
Area vide TMB Pg-01902					
= 0.52 Ha					
① ₹ 76926.08 per Ha					→ ₹ 40002.00
[02/02] Const. of embankment with material --- 1000m lead.					
Qty vide TMB Pg-27					
= 864.68 m ³					
① ₹ 257.97 per m ³					→ ₹ 223061.00

[03/03] Const. of embankment with material --- 100m lead,					
Qty vide TMB Pg-27					
= 1297.02 m ³					
① ₹ 185.28 per m ³					→ ₹ 240312.00
[04/04] Const. of subgrade & earthen shoulders.					
Qty vide TMB Pg-29					
= 320.638 m ³					
① ₹ 261.51 per m ³					→ ₹ 83850.00

Continuation

557225.00
587225.00

587225.00
Bt-551225.00

31

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
[05/05] Scarifying existing BT road surface					
Qty vide TMB Pg-02					
					= 1852.50 m ²
① ₹ 20.54 per m ²					→ ₹ 38050.00
[06/06] Granular sub base with well graded material					
Qty vide Pg-07 & 08					
					= 115.06 m ²
② ₹ 3465.09 per m ²					→ ₹ 398693.00
[07/07] Plv, laying spreading & compacting WBM Gr. 3					
Qty vide TMB Pg-18					
					= 138.79 m ²
③ ₹ 4822.97 per m ²					→ ₹ 669380.00
[08/08] Providing & applying primer coat SS-1					
Area vide TMB Pg-13					
					= 1850.53 m ²
④ ₹ 57.08 per m ²					→ ₹ 105628.00

Continuation

1762976.00
1798976.00

1798976-00
B1-1762976-00

32

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
[09/09] P/V & applying tack coat RS-1, Area vide TMB Pg-19 = 9950 m ²					
@ ₹ 19.62 per m ² →					₹ 191295.00
[10/10] P/V, laying SBAC - do - all comp job. Qty vide TMB Pg-14 = 245.946 m ³					
@ ₹ 14232.11 per m ³ →					₹ 3500331.00
[11/11] Const. of dry lean cement concrete sub base - do - Qty vide TMB Pg-02 & 03 = 26.82 m ³					
@ ₹ 5842.40 per m ³ →					₹ 156682.00
5842.00 →					₹ 156693.00
[12/12] Construction of unreinforced cement concrete pavement Qty vide TMB Pg-19 = 544.80 m ³					
@ ₹ 8572.91 per m ³ →					₹ 4670521.00

Continuation

10281805-00
10317805-00

B.I. ~~1281~~

33

~~10281805 = 0~~

Sch.XLV-Form No. 134

~~10317805 = 0~~

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
[13/13] P/v & fixing km stone					
Qty vide TMB Pg-15 = 05 Nos.					
② ₹ 3155.16 each → ₹ 15778.00					
[14/14] P/v & fixing 200m stone					
Qty vide TMB Pg-15 = 13 Nos.					
② ₹ 850.78 each → ₹ 11060.00					
[15/15] P/v & fixing Road studs					
vide Pg-20 = 120 Nos.					
② ₹ 294.67 each → ₹ 35360.00					
[16/16] P/v & fixing logo of maintenance project = 03 Nos.					
② ₹ 15063.81 each					
→ ₹ 45191.00					
[17/17] P/v & fixing retro reflector					
--- 600mm Equilateral triangle					
vide Pg-16 = 18 Nos.					
② ₹ 5737.66 each					
→ ₹ 103278.00					
[18/18] P/v & fixing retro reflective					
--- 600mm circular vide Pg-16 = 16 Nos.					
② ₹ 7305.46 each → ₹ 116887.00					

Continuation

~~10609357 = 0~~~~10645357 = 0~~

10645357 =
Bt-10609357 =

34

Sch.XLV-Form No. 134

S	Particulars	Details of actual measure				Contents of area
		No.	L.	B.	D.	
[19/19]	P/v & fixing retro reflective					
	--- 450x600mm rectangular					
	Qty vide Pg 16 = 08 Nos					
	① ₹ 7144.18 each					
	→ ₹ 57160.00					
[20/20]	P/v & fixing M15 grade					
	boundary pillar, Qty vide					
	TMB Pg 16 = 28 Nos					
	① ₹ 743.51 each → ₹ 20818.00					
[21/21]	Planting of trees & their					
	maintenance for one year					

Qty vide Pg 29 = 255 Nos
① ₹ 1275.08 each
→ ₹ 325145.00

[22/22] Road marking with
--- do --- all comp job.
Qty vide TMB Pg - 2 = 700m²
① ₹ 712.25 per m²
→ ₹ 498575.00

[23/24] Plastering with
cement mortar (1:4) --- do ---
Qty vide Pg - 29 = 119.5m²
① ₹ 229.29 / m² → ₹ 27400.00

Continuation

11538455 =
11574455 =

35

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

Continuation

Upto Date S.F.

36

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
S.No	Quantity	Rate			Amount
① E/W	2482.338 m ²	₹35.25			₹87502.00
② GSB-1	115.06 m ³	₹843.25			₹97024.00
③ WBM-III	138.77 m ³	₹1434.24			₹199058.00
④ SDBC	245.946 m ³	₹886.08			₹217927.00
⑤ DLC	26.82 m ²	₹878.45			₹23560.00
⑥ PCC	544.80 m ³	₹1037.57			₹565268.00
⑦ Paving with CMF:4	119.5 m ²	₹527.94			₹63088.82
					₹1253427.00

$$S.F = 10\% \text{ of } ₹1253427.00$$

$$= ₹125343.00$$

PAINT
30/12/2014 AE

Material Statement

① Earthwork	→	2482.338 m ³
② Stone metal	→	271.50 m ³
③ Stone chips	→	855.50 m ³
④ Stone dust	→	45.00 m ³
⑤ Coarse sand	→	301.00 m ³
		+ 0.3585 m ³
		= 301.36 m ³
⑥ Emulsion SSI	→	1.573 MT
⑦ Emulsion RSI	→	2.925 MT
⑧ Bitumen	→	27 MT
⑨ Kiler	→	10.82 MT

PAINT
30/12/2014
Continuation AE

II ad on A/c Bill

Total Value of Bill - 2210401.00

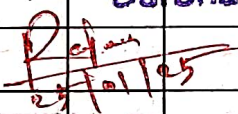
Value without GST - 1873221.00

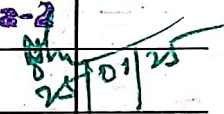
Sch. XLV-Form No. 134 ³⁷ ~~134~~ ¹³⁴ ~~134~~

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
SD @ 5%	—	—	110520	00	
ITE @ 1%	—	—	22104	00	
Lease @ 1%	—	—	22104	00	
CST @ 1%	—	—	18732	00	
SST @ 1%	—	—	18732	00	
FORINT @ 4%	—	—	20358	00	
ST	—	—	8478	00	
Plantation (TID)	—	—	227602	00	
Deduction	—	—	448630	00	
B/C/H/S	—	—	1761771	00	
Total	—	—	2210401	00	
Paid for Re-	—	—	2210401	00	(Repair)
Twenty Two Lacs Twenty Two Thousand four					

hundred one only)


 Executive Engineer
 R.W.D. (V) Division
 Darbhanga-2


 Officer


 25/11/25

Bill Ref No
 20250128035625
 28/11/25

Certified that work has been completed
 dt on 30/12/2024 as per specification.

- ① Constructed length - 3.500 KM
- ② Connected habitation - 01 No.
- ③ No. of planted trees - 255 Nos.

Continuation

28/11/2025
 AE

Bill value - 2210401.00
 + 29840000.00
 211850401.00

Provide Details of Ties and Ties

Sch.XLV-Form No. 334

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Stage 1	—	—	—	—	—
Stage 2	—	—	—	—	—
Stage 3	—	—	—	—	—
Stage 4	—	—	—	—	—
Stage 5	—	—	—	—	—
Stage 6	—	—	—	—	—
Stage 7	—	—	—	—	—
Stage 8	—	—	—	—	—
Stage 9	—	—	—	—	—
Stage 10	—	—	—	—	—
Stage 11	—	—	—	—	—
Stage 12	—	—	—	—	—
Stage 13	—	—	—	—	—
Stage 14	—	—	—	—	—
Stage 15	—	—	—	—	—
Stage 16	—	—	—	—	—
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Continuation