

Agency - Vinmlesh Km. Singh

704 Bannhams to Kachhiwara -

Schedule XIV - Form No. 1345

17.1.54

For the use of

BIHAR P. W. D.

E. C. R. S. D. Agency

DIVISION

A. C. K. S. D. D. C.

AND DIVISION

REASSEMBLY B. C. C.

2722

=====

10/7/20

$E \in \mathcal{L}_{\text{bind}}$

A. E. Nakhnagar San-Nipon

2722

Sri Baban Ram A.E. Dev.

DATE OF DEPARTURE _____

Debit of Cash Entry _____

ਨਿਭਾਨ. ਸਰਬ-ਸੰਤ ਉਸ, ਸਾਧਨ ।

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.	

1st ON A/C BILL

Name of work: Construction of
Road from Teh Borchang to
Kolhaucl (MMGSY SC)

Agency: - Sri Hemillesh Kumar
Singh

Agreement NO: -

Date of work start: -

Date of completion: -

Measurement

(1) Providing & fixing of
Typical MMGSY sign for
motor sign board with
Logo as per MORD specification - 4AD

(2) Clearing & grubbing
Road Land - - etc - -

2x26x30Mx3.5M = 5480.00M²

2x26x30Mx3.50M = 5480.00M²

2x1x20Mx3.50M = 140.00M²

11900.00M²

or, 1.19 Hect.

Continuation

Sch. XLV-Form NO. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L	B	D	
<u>M.P Culvert</u>					
<u>1000 mm dia One row</u>					
CH -	0.50 M	—	—	—	1 NO
<u>600 mm dia One row</u>					
CH -	2.50 M	—	—	—	1 NO
	4.50 M	—	—	—	1 NO
	7.90 M	—	—	—	1 NO
	10.25	—	—	—	1 NO
	15.75	—	—	—	1 NO
<u>Total NO of M.P</u>					
<u>Culvert 1000 mm dia -</u>					1 NO
<u>600 mm dia -</u>					5 NO

(3) E/W or excavation for structure of foundation

(a) 1000 mm dia

H.W $2 \times 6.450 \text{ M} \times 1.4 \text{ M} \times 1.5 \text{ M} = 27.09 \text{ M}^3$

below pipe

$1 \times 4.55 \text{ M} \times 1.53 \text{ M} \times 0.365 \text{ M} = 2.708$

(b) 600 mm dia

H.W $5 \times 2 \times 3.9 \text{ M} \times 1.15 \text{ M} \times 1.5 \text{ M} = 67.275$

below pipe

$2 \times 1 \times 5.35 \text{ M} \times 1.13 \text{ M} \times 0.365 \text{ M} = 11.033$

108.106 M^3

Continuation

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

(6) Providing and laying
RCC Piche MP/3

(a) 1500 mm dia

$$3 \times 2.5$$

$$= 7.5 \text{ M}$$

(b) 600 mm dia

$$2 \times 2 \times 2.5$$

$$= 37.5 \text{ M}$$

(7) Providing Paving on
Parapet Wall

(a) 1000 mm dia

Top

$$2 \times 6.15 \times 4 = 4.92 \text{ M}^2$$

Side

$$4 \times 6.15 \times 6 = 14.76$$

Front

$$4 \times 0.4 \times 0.6 = 0.96$$

(b) 600 mm dia

$$\text{Top } 5 \times 2 \times 3.6 \times 0.600 = 14.4$$

$$\text{Side } 4 \times 2 \times 3.6 \times 0.600 = 43.2$$

$$\text{Front } 4 \times 4 \times 0.6 \times 0.600 = 4.8 \text{ M}^2$$

$$63.04 \text{ M}^2$$

(8) Construction of

Embankment with

approved material

obtained from borrow

pit - - - at - - -

Chainage	Area	Volume
	Fill M ²	Fill (M ³)
0	4.522	
50	5.070	239.79

Continuation

Sch. XLV-Form No. 134 5

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
			B/1	239.79
100		5.287		256.920
150		5.347		268.860
200		5.101		261.200
250		5.119		258.800
300		5.019		253.450
350		4.933		246.810
400		4.930		236.850
450		5.119		241.220
500		4.929		252.440
550		4.898		246.920
600		4.579		236.970
650		4.300		221.970
700		5.907		258.180
750		5.378		282.120
800		4.915		257.32
850		5.933		271.200
900		5.826		293.960
950		4.882		267.650
1000		5.630		262.800
1050		5.184		270.350
1100		5.163		256.680
1150		4.912		251.690
1200		5.191		252.580
1250		4.160		233.79
1300		4.170		208.240
1350		4.017		204.660
1400		4.262		206.950
1450		4.464		218.150
1500		4.489		223.080

Continuation

2438.24

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
	B/F				2435.24
1550		4.167			215.650
1600		4.565			215.310
1650		4.524			227.220
1700		4.611			225.350
					8327.500

(a) For 1000 m level

$$2\% \text{ of } 8327.5 \text{ m}^3 = 552.946 \text{ m}^3$$

(b) For 100 m level

45% of

$$8327.500 \text{ m}^3 = 3747.575 \text{ m}^3$$

(10) Box Cutting

$$2 \times 16 \times 30 \text{ m} \times 0.525 \text{ m} \times 0.1 \text{ m} = 47.25$$

$$2 \times 16 \times 30 \text{ m} \times 0.525 \text{ m} \times 0.1 \text{ m} = 50.40$$

$$2 \times 1 \times 20 \text{ m} \times 0.525 \text{ m} \times 0.1 \text{ m} = 2.1$$

$$2 \times 6 \times 30 \text{ m} \times 0.375 \text{ m} \times 0.1 \text{ m} = 13.50$$

$$2 \times 20 \times 30 \text{ m} \times 0.375 \text{ m} \times 0.1 \text{ m} = 10.50$$

$$114.75 \text{ m}^3$$

(11) Construction of

Embankment

60% of Box Cutting Qty

$$= 60\% \times 114.75 \text{ m}^3 = 68.85 \text{ m}^3$$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(12) Construction of					
Sub grade - etc -					
18X30X7.276X.3					= 1178.712 M ³
1X10X7.276X.3					= 21.828
2X24X30X1.182X.075					= 132.975
2X24X30X1.182X.075					= 132.975
2X24X30X1.388X.2					= 416.40
2X24X30X1.388X.2					= 416.40
2X6X30X0.375X.160					= 21.6
2X1X20X.375X.160					= 2.40
2X6X30X.375X.075					= 10.125
2X20X0.275X0.075					= 1.125
2X6X30X0.375X0.100					= 13.50

2X20X0.375X0.100 = 1.50
 2349.54 M³

Sum to 2349.43 M³

(13) Construction of excavated Sub base					
(a) Topsoil Levelling Cause (B.T Portion)					
4X10X1.3M					= 52.00 M ²
6X15X1.2					= 108.00
6X20MX3M					= 360.00 M ²
5X10MX3M					= 150.00 M ²
6X20MX3M					= 360.00 M ²
12X4X2M					= 96.00 M ²
1X1X0.5M					= 0.5 M ²

Continuation
 10X10MX1M = 100.00
 606.50 M²
 706.50 M²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
706.50 M ²				
606.5 M² X 0.100 M				= 70.65 M ³
2 X 16 X 30 M X 0.525 X 0.1 M				= 50.40
2 X 15 X 30 M X 0.525 X 0.1 M				= 47.25
2 X 20 M X 0.525 M X 0.1 M				= 2.10
16 X 30 M X 1.050 M X 0.1 M				= 194.40
15 X 30 M X 1.050 M X 0.1 M				= 182.25
1 X 20 M X 1.050 M X 0.1 M				= 2.10
16 X 30 M X 1.050 M X 0.1 M				= 437.40
				218.30
1 X 10 M X 1.050 M X 0.1 M				= 4.05 M
				501
(b) PCC Portion.				
2 X 6 X 30 M X 0.375 M X 0.1 M				= 13.50
2 X 20 M X 0.375 M X 0.1 M				= 1.50
				1015.65 M ³

Particulars
15/01/21
I.E. deo

15.1.21
He

Sch. XLV-Form No. 134

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

(14) Providing spreading
 & Compacting of
 WBM 95 - III

(a) Bot Position

~~25~~ 25 ~~30~~ 30 M X 3.75 M X 0.075 M = 210.9375
~~14~~ 14
 25 25 30 M X 3.75 M X 0.075 M = 210.9375
~~14~~ 14

(b) P.C.C. Position

6 X 30 X 3.75 M X 0.075 M = 50.625
 1 X 20 X 3.75 M X 0.075 M = 5.625

Curb

2 X 5 X 16.17 M X 0.9 M X 0.075 M = 9.57 M³
 487.69 M³

limited to 487.69 M³

Poncelh
 20/01/21
 J.E.d.e.d

~~Shm~~
 20.1.21
 AE

Sch. XLV-Form NO. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L	B	D	
<u>ABSTRACT OF COST</u>					
1) Providing & fixing of Logo etc - - -					
Qty vide T.M. B P1-1					
4 NO					
@ Rs 9225.73/NO - Rs 36903 = 00					
2) Cleaning & rubbing road land etc - - -					
Qty vide T.M. B P1-1					
1.19 Hect					
@ Rs 51133.76/Hect - Rs 60849 = 00					
3) Filling & excavation for structure of tunnel.					
Qty vide T.M. B P1-2					
108.106 M ³					
@ Rs 269.32/M ³ - Rs 29115 = 00					
4) Providing PCC M15 as Levelling course - - -					
Qty vide T.M. B P1-3					
16.823 M ³					
@ Rs 4,706.16/M ³ - Rs 88622 = 00					
5) Providing PCC M20 in sub structure - - -					
Qty vide T.M. B P1-3					
109.27 M ³					
@ Rs 5457.61/M ³ - Rs 598018 = 00					
Continuation					
Rs 6/3507 = 00					

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
	P/E P ₁			813507=00
(C) Boring P.C. Rate				
N/A				
a. For 1000 mm dia				
Qty vide T.M. B P ₁ -4				
2.5 M @ 331.5.50/M				27867=00
(b) For 600 mm dia				
33.5 M				37564=00
@ Rs 100/- 50/M				R 3513=00
(d) Construction of				
Embarkment				
Qty vide T.M. B P ₁ -6				
(a) For 1000 mm Level				
562.946 M ³				
@ Rs 174.94/M ³				R 1019.81=00
(b) For 1000 mm Level				
3747.51 M ³				
@ Rs 131.03/M ³				R 491036=00
(e) Boring Box Culling				
Qty vide T.M. B P ₁ -6				
114.75 M ³				
@ Rs 74.16/M ³				R 8510=00
(f) Construction of				
Embarkment				
68.66 M ³				
@ Rs 26.11/M ³				R 1798=00
Continuation				R 1482263=00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					1482263=00
(10) Construction of sub grade - - - - -					
Qty vide T.M.B Pl-7					
2349.43 M ³					
@ Rs 176.58/M ³ - - -					Rs 414862=00
(11) Construction of granular sub base - -					
Qty vide T.M.B Pl-8					
1015.65 M ³					
@ Rs 2385.85/M ³ - - -					Rs 2423189=00
(12) Providing spreading WB 14 gr-TIL					
Qty vide T.M.B Pl-9					
487.69 M ³					
@ Rs 3313.67/M ³ - - -					Rs 1616044=00
Less 10% below					Rs 5936358=00
As per Agreement (-)					Rs 593636=00
					Rs 5342722=00
Particulars					
21/01/21					22.1.21
J. E. O. S.					A. E.
					C. P.
					22.1.21

Continuation