

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 -					
Road from Rago Rajwarin					
To SH. under MMBSY/SCJ					
Name of Agency - Mohan Prasad/					
At - Gopal Kera, P. S. H. O -					
Patehpu, Distt - Gaya,					
Agreement No. - 90/MMBSY/SCJ/2020-21					
Date of commencement - 01.01.21					

Date of completion - 03.09.21

Date of measurement - 5.2.21

(1) Construction of Bench
marks & Reference Pillars

--- etc

(i) Reference & Working

bench mark - - etc

0.453 K.M.

(ii) Reference Pillars/Burjies

--- etc

0.453 K.M.

(2) clearing of Grassy road

Land - - etc

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15 x 30.00m x 7.00m =					3150.00m ²
1 x 3.00m x 7.00m =					21.00m ²
					3171.00m ²
					= 0.317 Hect

(3) Dismantling of
existing streets - etc

(i) P.C.C. —

2 x 3.00m x 1.14m x 0.15m =	0.16m ³
1 x 3.00m x 1.54m x 0.15m =	0.81m ³
	1.41m ³

(ii) Brick masonry

2 x 4.20m x 0.825m x 2.00m =	17.33m ³
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2 x 6.20m x 0.825m x 3.00m =	30.69m ³
	48.02m ³

(iii) Hum pipe up to 600mm

1 x 5.00m =	5.00m
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(iv) Hum pipe 600 to 900mm

1 x 5.00m =	5.00m
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(4) E/W in excavation

of found. of structure
- etc

(1000 mm d H.P.C - 02 Nos)

2 x 2 x 6.30m x 1.40m x 1.50m =	52.92m ³
2 x 1 x 5.90m x 1.50m x 0.30m =	5.31m ³
	58.23m ³

(5) Plv P.C.C M 15 in

Continuation

Particulars	Details of actual measurement				Contents of area
	Nc.	L.	B.	D.	
open found - - etc					
(1x1000 mm ϕ H.P.C. - 02 Nos)					
$2 \times 6.30 \text{ m} \times 1.40 \text{ m} \times 0.15 \text{ m} = 2.529 \text{ m}^3$					
(6) Plv P.C.C M20 in found.					
- - etc (1x1000 mm ϕ H.P.C. - 02 Nos)					
H.W. - $2 \times 2 \times 6.00 \text{ m} \times 1.25 + 0.80 \text{ m}$					
			2		
			$\times 1.35 \text{ m} =$		33.21 m^3
Below pipe - $2 \times 1 \times 5.90 \text{ m} \times 1.50 \text{ m} \times 0.25 \text{ m} = 4.43 \text{ m}^3$					
					37.64 m^3
(7) Plv ^{flayie} R.C.C. Pipe N 13					
1000 mm ϕ - - etc					
(1x1000 mm ϕ H.P.C. - 02 Nos)					
$2 \times 3 \times 2.50 \text{ m} = 15.00 \text{ m}$					
(8) Plv P.C.C M20 in					
Sub-structure - - etc					
(1x1000 mm ϕ H.P.C. - 02 Nos)					
H.W. - $2 \times 2 \times 6.00 \text{ m} \times 0.80 + 0.40 + 0.40$					
			3		
			$\times 1.80 \text{ m} =$		23.04 m^3
$2 \times 2 \times 6.00 \text{ m} \times 0.40 \text{ m} \times 0.60 \text{ m} = 5.76 \text{ m}^3$					
Deduct					
Pipe - $2 \times 2 \times \frac{3.14}{4} \times (1.2 \text{ m})^2 \times 0.60 \text{ m} \times 2 = 2.71 \text{ m}^3$					
					26.09 m^3
(9) Pilling in found.					
trenches - - etc					
(1x1000 mm ϕ H.P.C. - 02 Nos)					
H.W. - $2 \times 2 \times 6.00 \text{ m} \times 0.075 + 0.525$					
			2		
			$\times 1.25 \text{ m} =$		9.72 m^3

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Around pipe - $2 \times 1 \times 6.30 \text{ m} \times 1.50 \text{ m} \times 0.90 \text{ m} = 17.01 \text{ m}^3$					
Deduct pipe dia - $2 \times 1 \times 6.30 \text{ m} \times 0.91 \text{ m}^2 = 11.47 \text{ m}^3$					
					15.26 m ³

~~From~~
5.2.21

J.E.
Date of measurement - 16.2.21

(1) E/W in excavation
of found. of structure
as per drawing -
- etc (1 x 600 mm ϕ H.P.C.)

H.W. $2 \times 3.90 \text{ m} \times 1.24 \text{ m} \times 1.50 \text{ m}$	14.51 m ³
pipe Part - $1 \times 6.22 \text{ m} \times 1.02 \text{ m} \times 0.30 \text{ m}$	1.90 m ³
	16.41 m ³

(2) Div P.C.C M15 in open
found. - - etc
(1 x 600 mm ϕ H.P.C.)

H.W. - $2 \times 3.90 \text{ m} \times 1.24 \text{ m} \times 0.15 \text{ m}$	1.45 m ³
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(3) Div P.C.C M20 in found.
- - etc
(1 x 600 mm ϕ H.P.C.)

H.W. - $2 \times 3.60 \text{ m} \times \frac{1.09 + 0.64}{2} \text{ m} \times 1.35 \text{ m}$	8.41 m ³
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Below pipe - $1 \times 6.22 \text{ m} \times 1.02 \text{ m} \times 0.25 \text{ m}$	1.59 m ³
	10.00 m ³

(4) Div & layer R.C.C.
pipe & P₂ 600 mm ϕ
H.P. - - etc

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Co. of area
	No.	L.	B.	D.	
$3 \times 2.50 \text{ m} = 7.50 \text{ m}$					
(5) PIV P.C.C M20 in Sub-structure - etc					
H.W. - $2 \times 3.60 \text{ m} \times 0.64 + 0.40 + 0.40$					
			3		
			$\times 1.12 \text{ m} = 3.87 \text{ m}^3$		
Deduct					
Pipe box - $2 \times \frac{3.14}{4} \times (0.72 \text{ m})^2 \times 0.52 \text{ m} = 0.42 \text{ m}^3$					
					3.45 m^3

(6) Filling in fond. trench

- etc

$$\text{H.W.} - 2 \times 3.60 \text{ m} \times 0.405 \text{ m}^2 = 2.92 \text{ m}^3$$

$$\text{Around top} - 1 \times 6.46 \text{ m} \times 1.02 \text{ m} \times 0.42 \text{ m} = 2.77 \text{ m}^3$$

$$\text{Deduct pipe} - 1 \times 6.46 \text{ m} \times 0.75 \text{ m}^2 = 1.59 \text{ m}^3$$

$$4.10 \text{ m}^3$$

(7) Cost of embankment

meant with material

obtained from borrow

pits - etc

Chairs	Clear	Meancs	Length	Volume
(m)	(m ²)	area (m ²)	(m)	(m ³)
0	0.94	—	—	—
50	2.28	1.61	50	80.50
100	2.32	2.30	50	115.00
150	2.46	2.39	50	119.50
200	2.30	2.38	50	119.00
250	2.18	2.24	50	112.00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Page No. (6) - 297.30 m ³					
@ ₹ 192.03/m ³					₹ 57091.00
For 100 m lead					
Qty incl TMB					₹ 10115.00
Page No. (6) - 693.71 m ³					
@ ₹ 154.58/m ³					₹ 107234.00
(12/8) Const. of Sub-					
grade 1 El Shoulder					
Qty incl TMB					
Page No. (6) - 1057.30 m ³					
@ ₹ 176.64/m ³					₹ 186761.00
(13/8) Const. of G.S.B.					
by P/L Well graded					
material gr I - - etc					
Qty incl TMB					
Page No. (7) - 373.68 m ³					
@ ₹ 1870.54/m ³					₹ 698983.00
					₹ 1584349.00
Add 12% G.S.T.					₹ 190122.00
Add 1% L.S.					₹ 15843.00
					₹ 1790314.00
Less 0.18% below 1/2					₹ 3223.00
					₹ 1787091.00
By Mr. V. K. W.					
18.3.21					
J.E.					