

ਸ਼ਹੀਦੀ ਦੇਵੀ ਪਾਤ ਦੇ ਸਰਿਕਾਇ ਕਮਿਸ਼ਨਰੀ

Schedule XLV Form No. 134.

ਸ਼ਹੀਦੀ

DIVISION

ਸ਼ਹੀਦੀ

SUB-DIVISION

M/s Prigendae Kumar Singh

Measurement Book

1629

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 Alc Bill			
N/W -		Bhabhua Dabauli road to			
		Marcham Dalittola.			
Agency -					
Date of agreement					
Date of completion -					
Accepted rate -					
					0.27% Below
Date of entry -					

Length of Road - 0.825 Km.

Record measured

(1)

Providing & Fixing of working
 bench mark Pillars @ 2 Nos/km
 and 6 cross reference pillars
 — 8 Nos.
 $8 \times 0.825 \text{ km} = 7 \text{ Nos}$

(2) clearing and grubbing

the road land (by manual means)

$$2 \text{ Nos} \times 30.0 \times 0.825 \times 1.00 \times 2$$

$$2 \times 27.0 \times 30.0 \times 1.75 \times 1.00 \times 2 = 2835.0 \text{ m}^3$$

$$= 0.2835 \text{ Ha.}$$

Continuation

(3) Excavation for roadway

C Box cutting

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	16	50.0	2.5	0.10	20.00 m ³
	20	0	5.5	0.10	X 2
					= 2.10 m ³
	7	30.0	0.375	0.10	X 2
					= 15.75 m ³
					<u>68.25 m³</u>
	Limit —				60.00 m ³

(3) Constn of embankment

with oppd materials deposited

from road way cutting

$$60.00 \times 0.600 = 36.00 \text{ m}^3$$

(4) Constn of embankment

with materials obtained

from borrow pits with

Lead up to 100m.

$$10 \times 30.00 \times 1.00 \times 0.600 \times 2$$

$$= 360.00 \text{ m}^3$$

$$6 \times 30.00 \times 1.00 \times 0.600 \times 2 = 216.00$$

$$4 \times 30.00 \times 0.900 \times 2 \times 2 =$$

$$3 \times 30.00 \times 0.900 \times 0.600 \times 2 = 97.20$$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
S. Contn of granular sub base by providing well graded materials.					
Profile correction					
	3	1.50	0.900	0.100	$m = 0.405 m^3$
	5	1.00	1.00	0.100	$m = 0.500 "$
	6	0.90	0.90	0.100	$m = 0.486 "$
	10	1.00	0.90	0.100	$m = 0.900 "$
	7	2.00	0.50	0.100	$m = 0.700 "$
	8	1.80	0.60	0.100	$m = 0.864 "$
	5	1.00	1.00	0.075	$m = 0.375 "$
	10	1.50	1.00	0.100	$m = 1.500 "$
	15	0.90	0.50	0.100	$m = 0.675 "$
	10	1.60	1.25	0.100	$m = 2.00 "$
	12	1.00	0.90	0.100	$m = 1.08 "$
	5	2.00	1.50	0.100	$m = 1.50 "$
	3	3.00	1.75	0.100	$m = 1.575 "$
	10	1.25	1.00	0.100	$m = 1.25 "$
	10	1.00	1.00	0.100	$m = 1.10 "$
					14.91 m ³
					(4)
to c.c. Portion.					
	8	1.00	1.00	0.100	$m = 0.600 m^3$
	10	1.50	0.90	0.100	$m = 1.35 "$
	8	1.25	1.00	0.100	$m = 1.00 "$
					2.95 m ³

Continuation

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6 Constn of granular back Paving, laying & spreading and compacting of one aggregate of 100mm Cr III Br. Partion					
	16	30.00m	3.75	0.075m	$= 135.0 \text{ m}^3$
	1	10.0	3.75	0.075	$= 2.81 \text{ m}^3$
					137.81 m^3
7 c.c. Partion	14	15.0	3.75	0.075	$= 4.22 \text{ m}^3$
	5	30.0	3.75	0.075m	$= 3.75 \text{ m}^3$
					59.08 m^3
					63.28 m^3
(7) Length of un-reinforced plain c.c. pavement dr- all complete as per tech. Specification.					
	3	30.00	3.75m	0.160	$=$
					10.6 m^3
(8) Binding / Fixing typical concrete information given entered with logs.					
					2 NOS

Continuation

Sch. X Form No. 134

Particulars	Units of actual measurement				Contents of area
	No.	L.	B.	D.	
8. <u>Culvert</u>					
(i) E/W in excavation for trench					
H.W. $2 \times 6.450 \text{ m} \times 1.400 \times 1.50 \text{ m}$					$= 27.090 \text{ m}^3$
Below H.P.					
$1 \times 4.850 \times 1.53 \times 0.365$					$= 2.708$
					$\underline{29.798 \text{ m}^3}$
(ii) Paving M.S.P. as					
levelled course in					
trench.					
$2 \times 6.450 \times 1.400 \times 0.150 \text{ m}$					$= 2.7090 \text{ m}^3$
$1 \times 4.931 \times 1.530 \times 0.250$					$= 1.886$
					$\underline{4.595 \text{ m}^3}$
(iii) Paving P.C.C. (0.20)					
in sub structure					
L.S. $1 \times 6.150 \times \frac{1.250 + 0.40}{2} \times 3.80 \text{ m}$					$= 16.135 \text{ m}^3$
$1 \times 6.15 \times 0.400 \times 0.600$					$= 1.476$
R.S. $1 \times 6.15 \times \frac{1.250 + 0.40}{2} \times 3.030$					$= 15.373$
					$\underline{32.984}$
(-) Pipe $2 \times \frac{3.14}{4} \times (1.230)^2 \times 0.60$					$= 1.478$
					$\underline{31.506 \text{ m}^3}$
(iv) Paving Slating R.C.					
Three pipe R.P. for culvert					
$3 \times 2.50 \text{ m} = 7.50 \text{ m}$					
and					

6/3/24

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		<u>Abstract</u>			
(1) costs of erecting Providing & Fixing of working bench mark and reference pillars					
		7 Nos			vide TMRB P-7
		Rs 271/-	06/-		Rs 19397/-
(11) clearing and grubbing soad land (by manual means)					
		0.2835 Ha			vide TMRB P-7
		Rs 75573/-	34/149		
				Rs 21425/-	
(3) Excavation for soadway in soil using manual means for carrying of cut earth - do - all complete job.					
		60.0 m ³			vide TMRB Pro 2
		Rs 103/-	96/m ³		Rs 6238/-
(4) Cost of embankment with material deposited from soad way cutting					
		36.00 m ³			vide TMRB Pro
		Rs 62279/-	103		
				Rs 2260/-	

Continuation

Continuation

Continuation

Continuation