

ਪ੍ਰਮਾਣਿਤ ਕਰਮਾ ਚਾਹੀ
ਏ ਕਿ ਮਾਫੀ ਪੁਰ ਮੇ ਮਾਫੀ
ਦੇਕੀ 100 ਪੁਰ ਏ ਕਿਸੇ ਸਮਾਜ
ਮਾਮਲਾ R.W.D ਮਾਫੀ ਦੇ
ਪਰਮਾ ਦੇ ਨਿਰਮਿਤ ਕਰਮਾ ਚਾਹੀ

Principal
10/7/22
Executive Engineer
RWD Works Division
Bharidayal
1-7-22

Sch. XLV - Form No. 134

ਪਰਮਾ/ਚਾਹੀ DIVISION
ਮਾਫੀ SUB-DIVISION

Measurement Book

No.

1281

Name _____

Date of first entry _____

Date of last entry _____

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Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) providing B/E/s in fountain					
- trench - - -		all complete			
H.W - 2x		6.45	1.55		$= 19.995 m^2$
Below pipe - 1x		5.653	1.53		$= 8.65 m^2$
					$28.64 m^2$
(4) providing pcc m15 (1:2:5:5)					
in levelling course - - -					
all complete					
H.W - 2x		6.150	0.825		
H.W - 2x		6.30	1.40	0.150	$= 2.646 m^2$
Below pipe - 1x		5.766	1.53	0.550	$= 4.852 m^2$
less for pipe - 0.188		0.7857	1.23	0.612	$= -1.33 m^2$
					$6.164 m^2$
(5) B/m/H in cm (1:4) in					
head wall - - -		all complete			
H.W - 2x		6.15	0.825	2.465	$= 25.014 m^3$
parapet - 2x		6.15	0.400	0.600	$= 2.952 m^3$
less for pipe - 2x		0.7857	1.23	0.612	$= 1.455 m^3$
					$26.51 m^3$
(6) providing 1000mm MP3 Hp.					
- - - - -		all complete			
3x		2.50			$= 7.50 m$
(7) plastering with c.m (1:4)					
- - - - -		all complete			
outer side - 2x		6.15	1.830		$= 22.509 m^2$
inner side - 2x		6.15	0.600		$= 7.38 m^2$
Top - 2x		6.15	0.400		$= 4.92 m^2$

Continuation

C.C. Sy = $34.81 m^2$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BE 211	34.80m ²
⑧ Ends	4x	0.612	1.23		3.011m ²
Ends (Propet)	4x	0.400	0.600		0.96m ²
less	2x	0.7857	1.230		2.377m ²
					36.40m ²
⑨ providing 1.5mm cement plugging					
--- all complete					
TOP	2x	6.150	0.400		4.92m ²
Ends	4x	0.400	0.600		0.96m ²
Inner side	2x	6.150	0.600		7.38m ²
					13.26m ²
⑩ construction of Reference					
5 working km	--- all complete				
		1.160	km		
(10) construction of Reference					
pillars / Bungees	---				
all complete					
		1.160	km		
(11) clearing & grubbing road					
land	--- all complete				
2x 10x		30.0	1.50		900.0m ²
2x 10x		30.0	1.50		900.0m ²
2x 10x		30.0	1.50		900.0m ²
2x 8x		30.0	1.50		720.0m ²
2x 1x		20.0	1.50		60.0m ²
					3480.0m ²

Continuation

of 0.3549

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) Excavation of road way					
in soil - - - all complete					
For BT	2x10	x 30.0	x 0.525	x 0.100	= 31.50m ³
	2x1	x 30.0	x 0.525	x 0.100	= 3.15m ³
	2x1	x 25.0	x 0.525	x 0.100	= 2.625m ³
For pcc position	2x8	x 30.0	x 0.375	x 0.100	= 18.0m ³
	2x1	x 13.0	x 0.375	x 0.100	= 0.975m ³
For Existing pcc	2x10	x 30.0	x 0.375	x 0.175	= 39.375m ³
	2x8	x 30.0	x 0.375	x 0.175	= 31.50m ³
	2x1	x 12.0	x 0.375	x 0.175	= 1.58m ³
					128.71m ³
W. Jageeravan 15.11.2022					
JE					
(13) construction of bitum. grading					
I - - - - all complete					
pot Repair	25x	3.0	x 1.50	x 0.100	= 11.25m ³
	40x	0.50	x 0.50	x 0.100	= 3.0m ³
	20x	2.50	x 1.80	x 0.100	= 9.0m ³
For BT	2x10	x 30.0	x 0.525	x 0.100	= 31.50m ³
	2x1	x 30.0	x 0.525	x 0.100	= 3.15m ³
	2x1	x 25.0	x 0.525	x 0.100	= 2.625m ³
For pcc	2x8	x 30.0	x 0.375	x 0.100	= 18.0m ³
	2x1	x 13.0	x 0.375	x 0.100	= 0.975m ³
Existing pcc	2x10	x 30.0	x 0.375	x 0.100	= 22.50m ³
	2x8	x 30.0	x 0.375	x 0.100	= 18.0m ³
	2x1	x 12.0	x 0.375	x 0.100	= 0.90m ³
Continuation					
W. Jageeravan 26.11.2022					
JE					
					118.90m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) construction of WBM					
Graveling III - all complete					
PCC 100mm	8x	30.0x	3.75x	0.075	= 67.50m ³
	1x	13.0x	3.75x	0.075	= 3.66m ³
Existing PCC	2x 10x	30.0x	0.375x	0.075	= 16.88m ³
checked	2x 8x	30.0x	0.375x	0.075	= 13.50m ³
as perked	2x 1x	12.0x	0.375x	0.075	= 0.68m ³
					102.22m ³
W. B. Mason					
17.12.2022					
J.E.					
(15) construction of PCC M25					
Pavement - all complete					
	1x 30.0x	4.50x	3.75x	0.160	= 19.50m ³
	7x 30.0x	3.75x	0.160		= 126.0m ³
	1x 13.0x	3.75x	0.160		= 7.80m ³
	10x 30.0x	3.75x	0.160		= 180.0m ³
	8x 30.0x	3.75x	0.160		= 144.0m ³
	1x 12.0x	3.75x	0.160		= 7.20m ³
checked as perked					484.80m ³
					Limit 484.52m ³
(16) construction of subgrade					
Barren Shoulder - all complete					
side of WBM	2x 8x	30.0x	1.125x	0.075	= 40.50m ³
	2x 1x	13.0x	1.125x	0.075	= 2.19m ³
sides of PCC	2x 1x	30.0x	1.125x	0.160	= 10.80m ³
	2x 7x	30.0x	1.125x	0.160	= 47.25m ³
	2x 1x	13.0x	1.125x	0.160	= 4.68m ³

Continuation

C.W.B. 105.42m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F. 314		$105.42m^3$
	2x10x	30.0x	1.125	0.160	$= 108.00m^3$
	2x8x	30.0x	1.125	0.160	$= 86.40m^3$
	2x1x	12.0x	1.125	0.160	$= 4.32m^3$
					$304.14m^3$

(7) construction of Embankment

soil obtained from borrow					
pits - - - - all complete					
ch	Area	mean Area	Distance	Volume	
0	1.82	0.91	0	0.0	
50	1.51	1.67	50	83.50	
100	2.16	1.84	50	92.0	
150	2.55	2.35	50	117.50	
200	1.88	2.21	50	110.50	
250	1.62	1.75	50	87.50	
300	1.58	1.60	50	80.0	
350	2.44	2.01	50	100.50	
400	2.57	2.51	50	125.50	
450	1.99	2.28	50	114.0	
500	2.06	2.02	50	101.25	
550	2.13	2.09	50	104.75	
600	2.12	2.12	50	106.0	
650	2.0	2.06	50	103.0	
700	1.97	1.98	50	99.25	
750	2.56	2.27	50	113.50	
800	2.53	2.54	50	127.25	

