

411/20-21

१९७३११-२१०१-२४-७५१३११८-८५११

२१०१-४९

Schedule XLV Form No.-134

BIHAR P.W.D.

Prem Chandra Kumar (Gen)

२१०१

DIVISION

४९१५५५

SUB-DIVISION

MEASUREMENT BOOK

२१०१-२०११ २१०१ ३११०

3rd + up to Deule Brip

Name of work - Blue talk to Manuasi

Latma talk

Agency - R22m Chander Kumar

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. of Blue - 46 SBD				19.20	
Date of Start -				20.2.20	
Date of Completion -				19.2.21	
(1) Painting on Cement Surface					
2x20x4.10x0.10 =				164.00	
(2) Thermoplastic Road Marking					
2x20x35.00x0.10 =				140.00	
CFC put 2x20x41.00x0.10 =				164.00	
Total =				304.00	
(3) Bitumen coat.					
10x50.00x3.25m =				1625.00	
Chalk					
10x50.00x3.25m =				1625.00	
2x15.00x5.50m =				157.50	
1x50.00x3.25m =				162.50	
Total =				2651.25	
(4) Tack Coat					
Area same as (3) =				2651.25	
(5) Milt Seal Coat					
Area same as (4) =				2651.25	
(6) Hard Surface					
10x2x50.00x0.375m =				375.00	
2x10x3.0x0.375m =				225.00	
2x20.00x0.375m =				15.00	
Total =				615.00	

Continuation

② Calcⁿ of ~~road~~ embankment
 for ~~road~~ calculation as per 454-26
 calculation given below -

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	Mean	B.	D.	
Channel	6.5	6.5	0.8	—	Volume
0	3.925	—	—	—	—
50	4.982	4.454	50	—	222.625
100	4.909	4.946	50	—	247.225
150	5.715	5.312	50	—	265.600
200	6.127	5.924	50	—	296.050
250	3.341	4.734	50	—	235.750
300	2.937	3.169	50	—	158.450
350	2.049	2.523	50	—	126.150
400	1.936	1.993	50	—	99.625
450	2.196	2.066	50	—	103.300
500	2.112	2.154	50	—	107.700

550	2.141	2.127	50	—	106.325
600	2.089	2.115	50	—	105.750
650	1.810	1.950	50	—	97.425
700	4.980	3.395	50	—	169.750
750	5.146	5.063	50	—	253.150
800	4.940	5.043	50	—	252.150
850	5.189	5.065	50	—	253.225
900	6.234	5.712	50	—	285.575
950	2.149	4.192	50	—	209.525
1000	0.911	1.530	50	—	76.300
1050	0.888	0.893	50	—	44.650
1100	1.329	1.302	50	—	65.100
1150	0.899	1.314	50	—	65.300
1200	1.844	1.372	50	—	68.525
1250	1.403	Continuation	50	—	81.125
1300	1.002	1.203	50	—	60.125
1350	0.512	0.937	50	—	47.950
1400	1.226	1.094	50	—	54.700
Total					460.825

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Particulars	Details of actual measurement				Contents of area
	No.	M. Lay	B.	D.	
Change	2124	1.200	56	—	Volume
1450	2124	1.200	56	—	4160.85
1550	1.008	1.566	56	—	78.30
1520	1.213	1.361	20	—	22.210
Total = 435.38					
Structure for 2/10/21					
Qty of Gravel for 1st layer					699.09
" " " " 2nd layer					430.95
Qty of M-sand concrete					
Net Fender fitting					496.46
Qty of B/G steel for 1st					
Qty of B/G steel for 2nd					
Qty of 6" 15.04 x 0.25" steel					76.823
Qty of 10" 15.04 x 0.25" steel					
Fender P 22					53.025
Qty of 10" 15.04 x 0.25" steel					2594.98
Qty of 10" 15.04 x 0.25" steel					374.54
Qty of 10" 15.04 x 0.25" steel					160.52
Qty of Subgrade					2059.92
Total = 15151.21					
Date 2/11/21					

3rd & upto Bede Brief
ABSTRACT of work

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Reference pillar for value P17 i.e. (1)					
71520 km @ 11020.90 km					16752
(2) Bench Mark.					
21520 km @ 10245.10 km					415573
(2) Clearing & grubbing of trees					
Qty for value P17 i.e. 2					
7046 H @ 49809.31 H					22912
(3) Cost of road subgrade 100m level					
Qty for value P24 i.e. 7					
7132 4.54 m @ 143.08 m					53589
(4) Cost of road subgrade 100m level					
Qty for value P24 i.e. 7					
716052 m @ 189.92 m					30164
(5) Cost of subgrade & curb on shoulder					
Qty for value P24 i.e. 7					
72059.92 m @ 189.90 m					390972
(6) Box culvert					
Qty for value P17 i.e. 6					
754.0 m @ 82.01 m					4429
(7) Roading 6.5 B.G.I.					
Qty for value P17 i.e. 7					
7699.09 m @ 282.06 m					197497
(8) Roading S/M 1/4					
Qty for value P17 i.e. 8					
7430.95 m @ 3529.02 m					152083
(9) In the way of road					
Qty for value P17 i.e. 9					
7496.46 m @ 7525.13 m					3735926
					37661192
					C.O.

Continuation

Qty for value P17 i.e. 9
7496.46 m @ 7525.13 m 3735926
37661192
C.O.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Mm Grey Green Bery					7766119
for side Pig 11					
2200 @ 11462.56					22925
(11) maintenance Bery.					
for side Pig 11					
2200 @ 11462.59					22925
(12) Boundary Pillar					
for side Pig 12					
2300 @ 558.72					16261
(13) Supplying of Boundary					
Left for side Pig 13					
22.50 @ 830.23					18680
(14) 170 in at least in field					
Only for side Pig 14					
212.46 @ 285.71					13559
(15) Sire falling					
Only for side Pig 15					
24.12 @ 455.62					1899
(16) Boundary Mispice					
Only for side Pig 16					
2270 @ 6519.12					126012
(17) Boundary Mispice					
Only for side Pig 17					
243.92 @ 8436.63					370536
(18) Back falling					
Only for side Pig 18					
221.60 @ 2954.70					63821
(19) Weep hole					
for side Pig 19					
230 @ 103.40					3102
(20) cost of repair					
Only for side Pig 20					
23240 M.T @ 77101.90					249816

Continuation

8567744

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(21) Road surface for side P21 & 22				13.14	8567744
(22) 60mm equivalent for 16m @ 33.8211/m					63214
(23) 60mm Circles					
7 8 Nos @ 5359.85					42839
(23) 60mm & 450mm					
7 2 Nos @ 4580.82					9161
(24) 90mm vertical					
7 2 Nos @ 8820.42/m					17451
(22) Kilometer stone for side P20 & 22					
(22) road survey km					
7 2 Nos @ 2660.41/m					5321
(23) 20mm stone					
7 6 Nos @ 715.46/m					4293
(23) painting two					
circles for side P20 & 22					
7 580.1304 @ 108.98/m					63243
(24) Painting two circles over concrete					
Area for side P22 & 21					
7 1640 m ² @ 103.06/m ²					16902
(25) Road mes. Reg. Thermoplastic paint					
Area for side P22 & 22					
7 3040 m ² @ 851.80/m ²					258947
(26) 10mm concrete					
Continuation					
Area for side P22 & 23					
7 2651.25 m ² @ 52.25/m ²					138528
					9188192

					Leads Bureau Report B	8617189-
						Rs 15 82084.
					slab 8/9/21 ABC	D
						15/5/21
						JK