

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 measurement 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 Near Dharhake
Harendra Baitha to Mahadpur
via Dharam Tulse Nagar
(0 to 4.895km) Under
NABARD

Agency - Surendra Kumar Singh,
Construction Pvt Ltd,
Mathura, Mathura

Dist - East Champaran
Agreement no - 418BD/2020-21
Agreement value - 301.31772 lac
+ 45.31210 lac
Total 406.62982 lac

Date of work order - 07/12/2020

Date of completion as per
Agreement - 06/12/2021

Date of measurement -

28/01/2021

① Providing a fix
off Information Board

2 Nos.

Continuation

Sch. XLV-Form No.134

2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) Clearing & Grubbing of roadland including uprooting veg.					
$2 \times 10 \times 50.8m \times 1.50m$					$= 1500.8m^2$
$2 \times 10 \times 50.8m \times 1.50m$					$= 1500.8m^2$
$2 \times 10 \times 50.8m \times 1.50m$					$= 1500.8m^2$
$2 \times 10 \times 50.8m \times 1.50m$					$= 1500.8m^2$
$2 \times 10 \times 50.8m \times 1.50m$					$= 1500.8m^2$
$2 \times 10 \times 50.8m \times 1.50m$					$= 1500.8m^2$
$2 \times 10 \times 50.8m \times 1.50m$					$= 1500.8m^2$
$2 \times 2 \times 50.8m \times 1.50m$					$= 150.8m^2$
$2 \times 10.8m \times 1.50m$					$= 30.8m^2$
$2 \times 10 \times 50.8m \times 1.50m$					$= 1500.8m^2$
$2 \times 5 \times 50.8m \times 1.50m$					$= 750.8m^2$
$2 \times 35.8m \times 1.50m$					$= 105.8m^2$
					$= 14535.0m^2$
					$= 1.4535 Hectare$
(3) Construction of Ref.					
Pillar/Burjee					
					4.895 Km
28/01/2021 JE					

Continuation

3

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>25/02/2020</u>					
Construction of Embankment					
With material obtained					
from leads					
CH	Ck Area	mean Ck area	length	Btm	
(m)	m ²	m ²	M	m ³	
0	0.207	—	—	—	
50	0.310	0.259	50	12.925	
100	0.303	0.307	50	15.325	
150	0.258	0.281	50	14.025	
200	0.256	0.257	50	12.85	
250	0.304	0.280	50	14.0	
300	0.295	0.300	50	14.925	
350	0.244	0.270	50	13.475	
400	0.327	0.286	50	14.275	
450	1.027	0.677	50	33.85	
500	1.209	1.118	50	55.90	
550	2.373	1.791	50	89.55	
600	1.852	2.113	50	105.625	
650	0.399	1.126	50	56.275	
700	0.399	0.399	50	19.95	
750	0.386	0.393	50	19.625	
800	0.390	0.388	50	19.40	
850	0.382	0.386	50	19.30	
900	0.438	0.410	50	20.50	
950	0.324	0.381	50	19.05	
1000	0.297	0.311	50	15.525	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				96	
1050	0.304	0.198	0.201	50	15.025
1100	0.098	0.286	0.201	50	10.05
1150	0.298	0.250	0.198	50	9.90
1200	0.274	0.243	0.286	50	14.30
1250	0.226	0.221	0.250	50	12.50
1300	0.160	0.192	0.243	50	12.15
1350	0.181	0.241	0.221	50	11.025
1400	0.202	0.260	0.192	50	9.575
1450	0.279	1.130	0.241	50	12.025
1500	0.241	1.841	0.260	50	13.0
1550	2.019	2.212	1.130	50	56.50
1600	1.662	2.027	1.841	50	92.025
1650	2.761	1.558	2.212	50	110.575
1700	1.292	2.047	2.027	50	101.325
1750	1.824	1.456	1.558	50	77.90
1800	2.269	1.47	2.047	50	102.325
1850	0.642	1.462	1.456	50	72.775
1900	1.697	1.539	1.17	50	58.475
1950	1.226	1.535	1.462	50	73.075
2000	1.851	1.539		50	76.925
2050	1.218	1.535		50	76.725
2100	1.387	1.303		50	65.125
2150	0.851	1.119		50	55.95
2200	0.983	0.917		50	45.85
2250	1.574	1.279		50	63.925
2300	1.06	1.317		50	65.85

Continuation

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				Prof	
2350	1.564	1.312		50	65.60
2400	1.451	1.508		50	75.375
2450	1.262	1.357		50	67.825
2500	1.287	1.273		50	63.725
2550	1.559	1.423		50	71.150
2600	2.0	1.78		50	88.975
2650	1.842	1.921		50	96.05
2700	0.720	1.281		50	64.05
2750	1.806	1.263		50	63.15
2800	0.690	1.243		50	62.40
2850	0.491	0.591		50	29.525
2900	0.492	0.492		50	24.70
2950	0.562	0.530		50	26.475
3000	0.551	0.557		50	27.825
3050	0.607	0.579		50	28.95
3100	0.612	0.610		50	30.475
3150	0.511	0.562		50	28.075
3200	0.472	0.492		50	24.575
3250	0.517	0.495		50	24.725
3300	0.509	0.513		50	25.65
3350	0.501	0.505		50	25.25
3400	0.562	0.532		50	26.575
3450	0.510	0.536		50	26.80
3500	0.562	0.536		50	26.80
3550	5.793	3.178		50	158.875
3600	0.611	3.202		50	160.10

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				Pat	
3650	0.550	0.581		50	29.025
3700	1.752	1.181		50	57.55
3750	1.785	1.769		50	88.425
3800	1.847	1.816		50	90.80
3850	1.938	1.893		50	94.625
3900	2.116	2.027		50	101.35
3950	2.051	2.084		50	104.175
4000	2.135	2.093		50	104.65
4110	1.888	2.012		50	100.575
	1.604	1.746		60	104.76
Link					
0	0.390				
50	0.680	0.535		50	26.75
100	0.699	0.69		50	34.475
150	0.683	0.681		50	34.55
200	0.766	0.725		50	36.25
250	0.244	0.505		50	25.25
300	0.280	0.262		50	13.10
350	0.583	0.432		50	21.575
400	0.459	0.521		50	26.05
450	0.424	0.447		50	22.325
500	0.518	0.476		50	23.80
550	0.485	0.502		50	25.075
600	0.444	0.467		50	23.35
650	0.479	0.464		50	23.20
750	0.548	0.514		50	25.675
785	0.594	0.571		35	19.985
Continuation					4616.06m ³

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Ref 4616.06m ³
lead up to 1000m					
4616.06m ² x 0.3m					1384.81m ³
lead up to 100m					
4616.06m ² x 0.70					= 3231.24m ³
(2) E/W excavation in					
foundn trenches					
1.4m dia single vent HP					
2 x 6.45m x 1.55m x 1.675m					= 33.49m ³
5.0m x 1.53m x 0.54m					= 4.13m ³
					37.62m ³
for 6 nos					225.72m ³
1.4m dia Double vent HP					
2 x 8.18m x 1.55m x 1.675m					= 42.37m ³
7.20m x 3.26m x 0.54m					= 12.67m ³
					55.11m ³
for 4 nos					220.56m ³
Total					446.28m ³
(3) Sand filling in foundn					
Single dia HP					
2 x 6.45m x 1.55m x 0.100m					= 2.0m ³
5.593m x 1.53m x 0.100m					= 0.85m ³
					2.85m ³
for 6 nos					17.10m ³
Double vent					
2 x 8.18m x 1.55m x 0.1m					= 2.54m ³
8.09m x 3.26m x 0.1m					= 2.64m ³
					5.18m ³
for 4 nos					20.72m ³
Total					37.82m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12/03/21					
(1) Construction of subgrade					
With approved material					
$10 \times 50.8m \times 7.50m \times 0.30m$					$1125.9m^3$
$10 \times 50.8m \times 7.25m \times 0.30m$					$1087.50m^3$
$10 \times 50.8m \times 7.40m \times 0.30m$					$1110.9m^3$
$10 \times 50.8m \times 7.30m \times 0.30m$					$1095.9m^3$
$10 \times 50.8m \times 7.45m \times 0.30m$					$1117.9m^3$
$7 \times 50.8m \times 7.30m \times 0.30m$					$766.50m^3$
					$= 6301.50m^3$
(2) Brick masonry work					
single in cm (1:2) in Headwall					
$2 \times 6.15m \times 1.25 \times 0.4m \times 2.46m$					$25.01m^3$
Parapet					
$2 \times 6.15m \times 0.4m \times 0.6m$					$2.95m^3$
Deduction					
$2 \times \pi/4 \times (1.23)^2 \times 0.612m$					$(-1.145m^3)$
					$26.51m^3$
for					
6 nos					$159.06m^3$
Double					
$2 \times 7.88m \times 1.25 \times 0.4m \times 2.46m$					$32.05m^3$
$2 \times 7.88m \times 0.4m \times 0.600m$					$3.78m^3$
Deduct					
$2 \times 2 \times \pi/4 \times 0.612 \times (1.23)^2$					$(-1.291m^3)$
					$32.92m^3$
for					
4 nos					$131.68m^3$
Total					$290.74m^3$
(3) Providing P.C.C M ₁₅ in leveling course					
single					
$5.766m \times 1.53m \times 0.55m$					$2.64m^3$
					$4.85m^3$
Deduct					
$0.188m \times \pi/4 \times (1.23)^2 \times 5.95m$					$(-1.35m^3)$
					$3.52m^3$
for 6 nos					$21.12m^3$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of cost-					
(1) <u>2</u> Constn of Ref. Pillar/ Burgie					
4.895m wide TMS P ₂					
① 300 m = 95					14 709 = 00
(2) <u>3</u> Clearing & grubbing of roadland including uprooting veg.					
1.4535 Hect wide TMS P ₂					
① 52 970 = 34					76 992 = 01
(3) <u>4</u> Constn of embankment lead up to 1000 m					
1200.00 m wide TMS P ₂					
① 190 = 07					2 63,211 = 00
(4) <u>5</u> Construction of subgrade & shoulder with approved material					
6301.50 m ³ wide TMS P ₉					
① 191 = 76					
(5) <u>6</u> Constn of embankment lead up to 100 m					
3231.24 m ³ wide TMS P ₇					
① 153 = 78					4, 96, 900 = 00
(6) <u>9</u> Constn of granular subbase by providing gr. I material					
1385.62 m ³ 1142.62 m wide TMS P ₁₁					
① 3007 = 28					47 66 947 = 34, 36, 178 = 00

Continuation

54,96,366 =
62,27,135 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Rt	79, 19, 960	
(13) 36				86, 50, 729	
				1.0m	
				R.C.C. slab	
				H.P	
105.0m wide				10	
				4028=04	
				4, 22, 944=00	
				Rs	83,42,904=
Add 1% L.W				907, 36, 73=	
				83,42,9=	
Add 12% GST				907, 37=	
				10,01,148=	
				Rs	108,88,41=
				94,27,481=	
5.25% below as per				10,25,32,51=	
Agreement				5,38,296=	
				4,94,943=	
				Rs	89,32,538=
				97,14,755=	

21/03/2021
 J.E
 21/03/2021
 AE
 24/03/21

Continuation