

1st on A/c bill

1.

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.	
N/W:— Construction of road & C/D works of road from Chhara Bn RWD road to Dalit tolg Rupaspr under mmhSY NDB (Aw Sesh) at block Chandli.					
N/Agency — m/s Kumar Construction (Pop + Suresh Kumar)					
Aggr NO — 03/SBD/2024-25					

Date of start — 28.09.2024				
Date of Completion — 27.09.2025				
Date of measured — 14.12.2024				

Items of work

- ① Plv & Staking of working Benchmark Pillars — 01 NO
- ② Plv & Staking of Reference Pillars = 02 NO
- ③ clearing & grubbing of road land
 $2 \times 10 \times 30.00 \text{ m} \times 3.50 \text{ m} = 2100.00 \text{ m}^2$
 $2 \times 6 \times 30.00 \text{ m} \times 3.50 \text{ m} = 1260.00 \text{ m}^2$
 $2 \times 1 \times 20.00 \text{ m} \times 3.50 \text{ m} = 140.00 \text{ m}^2$
Total = 3500.00 m²

Continuation = 0.35 Hect

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(4) Construction of Embankment with material obtained from borrow pits with a lead upto 100.0 m & 100 m.					

E/W Calculation

S.No	chainage	C/S Area (m ²)	Mean C/S (m)	Dist (m)	Volume (m ³)
1	0	2.516	1.258	0	00.00
2	50	2.552	2.534	50	127.70
3	100	2.550	2.551	50	127.55
4	150	2.567	2.559	50	127.95
5	200	2.534	2.551	50	127.55

6	250	2.564	2.549	50	127.45
7	300	2.280	2.422	50	121.10
8	350	1.089	1.685	50	84.25
9	400	0.451	0.770	50	38.50
10	450	0.576	0.514	50	25.70
11	500	0.547	0.562	50	28.10
12	550	0.512	0.529	50	26.45
13	566	0.480	0.496	16	7.93

Total = 970.23 m³(i) (a) 100.0 m lead = 776.18 m³(ii) (a) 100 m lead = 194.05 m³

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
⑤ Construction of Sub-grade					
8 earther shoulder with					
approved material with 1					
level upto 1000 m, 1810 m.					
For B.T. Perfor					
$10 \times 30.00 \times 7.50 \times 0.300 \text{ m} = 675.00 \text{ m}^3$					675.00 m^3
Sides of G.S.R.					
$2 \times 10 \times 30.00 \text{ m} \times 1.325 \text{ m} \times 0.200 \text{ m} = 159.00 \text{ m}^3$					
Total = 834.00 m^3					834.00 m^3
⑥ Construction of granule					
Sub-base by porous coarse					
graded material					

For B.T. Perfor					
$5 \times 30.00 \text{ m} \times 3.90 \text{ m} \times 0.200 \text{ m} = 117.00 \text{ m}^3$					
$5 \times 30.00 \text{ m} \times 3.90 \text{ m} \times 0.200 \text{ m} = 117.00 \text{ m}^3$					
$1 \times 20.00 \text{ m} \times 3.90 \text{ m} \times 0.200 \text{ m} = 15.60 \text{ m}^3$					
Extra widening at H-Curve					
$2 \times \frac{1}{2} \times \frac{(1.90 \text{ m} + 0.50 \text{ m})}{2} \times 5 \text{ m} \times 0.200 \text{ m} = 1.20 \text{ m}^3$					
$2 \times \frac{1}{2} \times \frac{(0.50 \text{ m} + 0.10 \text{ m})}{2} \times 5 \text{ m} \times 0.200 \text{ m} = 0.30 \text{ m}^3$					
$2 \times 12.00 \text{ m} \times 0.60 \text{ m} \times 0.200 \text{ m} = 2.88 \text{ m}^3$					
For C.C. Pavement					
$3 \times 20.00 \text{ m} \times 3.10 \text{ m} \times 0.100 \text{ m} = 18.60 \text{ m}^3$					
$1 \times 20.00 \text{ m} \times \frac{3.00 \text{ m} + 4.10 \text{ m}}{2} \times 0.100 \text{ m} = 7.10 \text{ m}^3$					
$1 \times 20.00 \text{ m} \times \frac{4.10 \text{ m} + 3.60 \text{ m}}{2} \times 0.100 \text{ m} = 7.70 \text{ m}^3$					

Continuation Qty C/O = 287.38

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			Qty	R/f =	287.38 m ²
	1	20.00 m	$\times \frac{3.60 \text{ m} + 3.50 \text{ m}}{2}$	$\times 0.10 \text{ m}$	= 7.10 m ²
	2	20.00 m	$\times 3.00 \text{ m}$	$\times 0.10 \text{ m}$	= 12.40 m ²
	4	20.00 m	$\times 3.40 \text{ m}$	$\times 0.10 \text{ m}$	= 27.20 m ²
	1	6.00 m	$\times 3.40 \text{ m}$	$\times 0.10 \text{ m}$	= 2.04 m ²
extra width for 11-cm					
Approach -					
	1	2.50 m	$\times 1.80 \text{ m}$	$\times 0.10 \text{ m}$	= 0.45 m ²
	1	4.60 m	$\times 6.00 \text{ m}$	$\times 0.10 \text{ m}$	= 2.76 m ²
				Total =	339.33 m ²
⑦ PIV, Laying, spreading & Compaction of WBM-3					

For B.T. portion —

$$5 \times 30.00 \text{ m} \times 3.75 \text{ m} \times 0.075 \text{ m} = 42.18 \text{ m}^3$$

$$5 \times 30.00 \text{ m} \times 3.75 \text{ m} \times 0.075 \text{ m} = 42.18 \text{ m}^3$$

$$1 \times 20.00 \text{ m} \times 3.75 \text{ m} \times 0.075 \text{ m} = 5.62 \text{ m}^3$$

Extra widening at H. curve.

$$2 \times \frac{1}{2} \times \frac{(1.750 \text{ m} + 0.350 \text{ m})}{2} \times 5 \text{ m} \times 0.075 \text{ m} = 0.39 \text{ m}^3$$

$$2 \times \frac{1}{2} \times \frac{(0.500 \text{ m} + 0.10 \text{ m})}{2} \times 5.00 \text{ m} \times 0.075 \text{ m} = 0.11 \text{ m}^3$$

$$2 \times 12.00 \text{ m} \times 0.450 \text{ m} \times 0.075 \text{ m} = 0.81 \text{ m}^3$$

For C.C. Pavement —

$$3 \times 20.00 \text{ m} \times 3.10 \text{ m} \times 0.10 \text{ m} = 13.95 \text{ m}^3$$

$$1 \times 20.00 \text{ m} \times \frac{3.10 \text{ m} + 4.10 \text{ m}}{2} \times 0.10 \text{ m} = 5.32 \text{ m}^3$$

Continuation

$$\text{Qty C/O} = 110.56 \text{ m}^3$$

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
				Qty B/F	110.56 m ³
1x 20.00m x		4.10m + 3.60m		$\times 0.075m = 5.77m^3$	
1x 20.00m x		3.60m + 3.50m		$\times 0.075m = 5.32m^3$	
2x 20.00m x 3.10m x				0.075m = 9.30m ³	
4x 20.00m x 3.40m x				0.075m = 20.40m ³	
1x 6.00m x 3.40m x				0.075m = 1.53m ³	
Extra width for H-curve					
Approach -					
1x 20.50m x 1.80m x				0.075m = 0.33m ³	
1x 4.60m x 6.00m x				0.075m = 2.07m ³	
				Total = 155.28m ³	

⑧ plv & fixing of typical
mmbsy internally sign board
with logo = 02 NOS

mm
14/12/24
(A.E)

mm
16/12/24
EE

Continuation

Abstract of cost

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Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
1. PLV & string of works					
Benchmark pillars					
01 NO. vide TMBP-1					
① Rs 4581 = 91/110 - Rs					4582 = 0
2. PLV & string of reference					
pillars					
02 NOS. vide TMBP-1					
① Rs 2117 = 94/110 - Rs					4236 = 0 2118 = 0
3. clearing & scrubby					
of road land -					
0.35 Hect, vide TMBP-1					
① Rs 76926 = 088 Hect - Rs					26,924 = 0

4.1/7	construction of				
	cubic mul with				
	material obtained				
	from borrow pits				
	with a lead upto				
	1000m				
776.18 m ³	vide TMBP-2				
① Rs 261 = 18/m ³ - Rs					2,02,723 = 0
4.1/8	Construction of cubic				
	- mul with material				
	obtained from borrow pits				
	with a lead upto 100m				
194.05 m ³	vide TMBP 2				
① Rs 196 = 24/m ³ - Rs					38,080 = 0

Continuation of Rs 2,76,545 = 0



Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			RIF	B2,	26,545=60
$\frac{5}{9}$	Construction of Sub-grade & earthwork should be with approved material.				
	834.00 m ³	vide TMBB-3			
	(a) B 264 = 72/m ² - B				2,20,776=60
$\frac{6}{10}$	construction of granular Sub-base by partially coarse graded material.				
	339.33 m ³	vide TMBB-4			
	(a) B 269.6 = 65/m ² - B				9,15,054=60
$\frac{7}{11}$	Plv, laying, spreading & compaction of WBM-3				
	155.28 m ³	vide TMBB-5			
	(a) B 4040 = 85/m ² - B				6,27,479=60
$\frac{8}{28}$	Plv & finish of typical masonry uniformly signboard with logo -				
	02 nos	vide TMBB-5			
	(a) B 11,581 = 2/m ² - B				23,164=60
	Total B				20,63,018=60
	40, B				20,63,018=60

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			B/F	Rs 20,	63,018 = 00
			Total	Rs 20,	63,018 = 00
	Less	11.02	% (below)	Rs 2,	27,345 = 00
				Rs 18,	35,673 = 00
	Addy	18	% GST	+B	3,30,421 = 00
	Addy	1%	LCess	+B	18,357 = 00
	Addy	S.	Fee	+B	55,700 = 00
	Net Payable Amount = Rs				22,40,151 = 00
	(Rupees Twenty two lakh,				
	forty thousand, one hundred				
	& fifty one) only.				

Continuation