

समाहित किया जाता है कि
 इस मासिक में कुल 100 एक से पूरे होते
 हैं, जिसे सहायक अभियन्ता ग्रामीण कार्य
 विभाग कार्य उत्तर समझल-ओवतके नाम
 निर्गत किया जाता है।

कार्यपालक अभियन्ता
 ग्रामीण कार्य विभाग
 प्रमण्डल दफ्तर (औरंगाबाद)
 1/10/2021

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Conclusions

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		2×14	$\times 3.7$	$\times 0.62$	$= 73.408 \text{ m}^3$
Chair		22×2.00	$\times 0.62$	$= 27.28 \text{ m}^3$	
		2×4	$\times 1.50$	$\times 0.80$	$= 10.68 \text{ m}^3$
		2×12	$\times 1.50$	$\times 0.62$	$= 22.32 \text{ m}^3$
		2×8	$\times 3.7$	$\times 0.62$	$= 36.704 \text{ m}^3$
Chair		4×8	$\times 2.00$	$\times 0.62$	$= 89.28 \text{ m}^3$
					370.79 m^3
					$= 0.32 \text{ MT}$

3/ providing RCC Mass grade in foundation					
		1×6.00	$\times 2.50$	$\times 0.10$	$= 1.50 \text{ m}^3$
		1×4.00	$\times 3.32$	$\times 2.42 \times 0.10$	$= 6.422 \text{ m}^3$
		1×6.00	$\times 1.50$	$\times 0.10$	$= 0.90 \text{ m}^3$
		1×4.20	$\times 1.40$	$\times 0.10$	$= 0.896 \text{ m}^3$
		3×3.32	$\times 2.42$	$\times 0.10$	$= 4.82 \text{ m}^3$
		1×2.50	$\times 2.42$	$\times 0.20$	$= 1.21 \text{ m}^3$
					7.81 m^3
					15.753 m^3

4/ providing RCC Mass grade in foundation					
Cut-off wall		2×2.50	$\times 0.30$	$\times 1.50$	$= 2.25 \text{ m}^3$
Retaining wall		7×4	$\times 2.32$	$\times 2.017 \times 0.20$	$= 4.711 \text{ m}^3$
		1×4	$\times 2.92$	$\times 1.917 \times 0.20$	$= 4.478 \text{ m}^3$
		1×4	$\times 2.92$	$\times 1.817 \times 0.20$	$= 4.241 \text{ m}^3$
		1×4	$\times 2.92$	$\times 1.717 \times 0.20$	$= 4.010 \text{ m}^3$
		1×4	$\times 2.92$	$\times 1.617 \times 0.20$	$= 3.777 \text{ m}^3$
		1×4	$\times 2.92$	$\times 1.517 \times 0.20$	$= 3.543 \text{ m}^3$
		1×4	$\times 2.92$	$\times 1.417 \times 0.20$	$= 3.310 \text{ m}^3$

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5/ PCC in Substructure					
	4	2.92	0.78	1.78	16.24 m ³
	2	3.10	0.78	1.78	8.608 m ³
	1	2.55	0.78	1.78	4.025 m ³
	1	2.20	0.78	1.78	3.054 m ³
					31.997 m ³
6/ SFF HVSD Bar reinforcement in Substructure					
	2	4.3	2.74	0.62	146.09 kg
	2	4.3	1.42	0.39	108.686 kg
	2	4.1	1.15	0.39	36.777 kg
	2	11	6.24	0.62	85.113 kg
	2	4.2	3.89	0.39	287.08 kg
	2	3.0	2.74	0.62	101.918 kg
	2	4.3	1.42	0.39	47.627 kg
	4	11	5.92	0.62	161.497 kg
7/ Slab	2	4.3	1.82	0.62	97.04 kg
	2	4.6	1.70	0.62	96.968 kg
	2	6	6.24	0.62	46.425 kg
	2	6	6.99	0.62	47.913 kg
L	2	4.3	1.22	0.39	33.38 kg
"	2	4.3	1.22	0.62	65.05 kg
	2	4.3	2.30	0.62	122.636 kg
	2	3.1	2.20	0.62	84.568 kg
	2	3.2	1.30	0.62	51.584 kg
	2	4.4	2.00	0.62	109.12 kg

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	9	6.49	0.62	= 69.638 kg
	2	8	6.49	0.62	= 63.884 kg
	2	40	1.00	0.39	= 31.20 kg
	2	40	1.15	0.39	= 35.88 kg
					1890.078 kg
7/ RCI M25 in Substructure					
	1	6.00	2.50	0.25	= 3.75 m ³
	2	6.00	2.00	0.25	= 6.00 m ³
	4	6.00	0.01		= 0.27 m ³
	1	6.00	1.80	0.25	= 2.25 m ³
	1	6.20	1.90	0.25	= 2.17 m ³
	2	5.00	1.20	0.25	= 3.60 m ³
	1	6.20	0.90	0.25	= 2.75 m ³
	2	6.00	0.01		= 0.12 m ³
					20.91 m ³
					Limit = 20.04 m ³
8/ SAE HVS D Bore in Substructure					
	2	47	2.80	0.89	= 117.291 kg
	1	43	2.74	0.62	= 73.048 kg
	2	13	6.29	0.62	= 100.528 kg
	2	2	13	1.70	0.62 = 54.808 kg
	2	8	2.99	0.89	= 34.745 kg
	1	46	1.90	0.89	= 77.336 kg
	1	40	1.90	0.62	= 50.659 kg
	2	6	6.29	0.62	= 46.925 kg
	2	44	0.90	0.39	= 30.88 kg

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$1 \times 98 \times 1.80 \times 0.80 = 76.896 \text{ m}^3$
					$1 \times 94 \times 1.80 \times 0.62 = 49.109 \text{ m}^3$
					$2 \times 5 \times 6.44 \times 0.62 = 39.928 \text{ m}^3$
					<u>752.153 m³</u>
					<u>= 0.752 MT</u>
9/ RCI M ₃₀ grade in Superstructure					
					$1 \times 2.50 \times 6.00 \times 0.25 = 3.75 \text{ m}^3$
					$2 \times 2.50 \times 0.25 \times 0.50 = 0.63 \text{ m}^3$
					$1 \times 6.00 \times 1.50 \times 0.25 = 2.25 \text{ m}^3$
					$1 \times 6.20 \times 1.90 \times 0.25 = 2.17 \text{ m}^3$
					$2 \times 6.00 \times 0.01 = 0.12 \text{ m}^3$
					<u>8.92 m³</u>
					<u>Limit = 8.76 m³</u>
10/ providing filter media					
Bedded - 42 x 46 x 40.					
					$2 \times 2 \times 4.61 \times 0.60 \times 1.70 = 18.80 \text{ m}^3$
					$2 \times 4 \times 2.32 \times 0.60 \times 1.87 = 20.82 \text{ m}^3$
					<u>39.63 m³</u>
11/ providing cupules					
					$2 \times 26 = 52 \text{ m}^3$
12/ Backfilling bedded substructure and structure wall					
					$2 \times 2 \times 2.92 \times 5.20 \times 0.10 = 12.19 \text{ m}^3$
					$2 \times 2 \times 2.92 \times 4.61 \times 1.78 = 95.89 \text{ m}^3$
					<u>= 107.39 m³</u>
Less filter media					<u>68.35 m³</u>

Continuation

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Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
13/ Cont. of Culverts						
	10	30.00	7.276	0.30	654.89 m ²	
	5	30.00	7.276	0.30	327.42 m ²	
	1	1.00	7.276	0.30	2.18 m ²	
					984.492 m ²	
14/ Cont. of Gull Canal						
	5	30.00	4.05	0.20	121.50 m ²	
	5	30.00	4.25	0.20	127.50 m ²	
	1	15.00	5.00	0.20	15.00 m ²	
	1	15.00	4.80	0.20	14.40 m ²	
	1	15.00	(6.80 + 4.05) / 2	0.20	16.275 m ²	
	1	15.00	(7.50 + 4.05) / 2	0.20	17.325 m ²	
	1	15.00	(6.00 + 4.05) / 2	0.20	15.075 m ²	
	1	15.00	(5.80 + 4.05) / 2	0.20	14.725 m ²	
	2	15.00	4.85	0.20	29.10 m ²	
	1	30.00	4.05	0.20	24.30 m ²	
	1	100	4.05	0.20	0.81 m ²	
					396.06 m ²	
15/ PAL WDM GULLY						
	5	30.00	3.75	0.075	42.1875 m ²	
	5	30.00	3.55	0.075	41.1375 m ²	
	1	15.00	5.00	0.075	5.625 m ²	
	1	15.00	4.80	0.075	5.40 m ²	
	1	15.00	(6.80 + 3.75) / 2	0.075	5.989 m ²	
	4	10	30.00	3.75	0.075	337.50 m ²
	8	25.00	3.75	0.075	56.25 m ²	

Continuation

17) P & A Tack Cost with RSI

Qty Sales of Item No 16/P17 = 7032.375 Lit

Scanned with CamScanner

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
18/ P/L 20 mm thick MS					
at School Idaru (17/8/2) = 2032.375 ²					
19/ Construction of earth ker					
Shoulder					
2 x 0 x 30.00 x 1.40 x 0.20 = 188.00 ³					
2 x 10 x 30.00 x 1.40 x 0.20 = 188.00 ³					
2 x 10 x 30.00 x 1.388 x 0.20 = 166.56 ³					
2 x 10 x 30.00 x 1.50 x 0.20 = 180.00 ³					
2 x 10 x 30.00 x 1.388 x 0.20 = 166.56 ³					
2 x 5 x 30.00 x 1.45 x 0.20 = 87.00 ³					
2 x 5 x 30.00 x 1.50 x 0.20 = 90.00 ³					
2 x 2 x 25.00 x 0.70 x 0.20 = 35.00 ³					
2 x 10 x 30.00 x 1.25 x 0.075 = 56.25 ³					
2 x 10 x 30.00 x 1.30 x 0.075 = 58.50 ³					
2 x 10 x 30.00 x 1.20 x 0.075 = 54.00 ³					
2 x 10 x 30.00 x 1.40 x 0.075 = 63.00 ³					
2 x 10 x 30.00 x 1.24 x 0.075 = 54.00 ³					
2 x 5 x 30.00 x 1.40 x 0.075 = 31.50 ³					
2 x 5 x 30.00 x 1.40 x 0.075 = 31.50 ³					
2 x 2 x 25.00 x 0.60 x 0.075 = 4.50 ³					
					1394.67 ³
at wide Idaru (13/8/16) = 989.992 ²					
at wide Idaru (1/8/16) = 3055.92 ²					
					5435.03 ²
(a) For lead up to 100m					
30% of 5435.03 ² = 1630.50 ²					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(b) Fur Lead up to 100 ~					
70% of 5435.032 ⁹					= 3804.523
20% Cont. of embankment					
Ch	C/A (m ²)	M/A (m ²)	D/A (m)	D/B (m ³)	
00	1.58	-	-	-	
50	1.453	1.507	50		75.325
100	4.184	2.819	50		140.925
150	2.824	3.509	50		175.200
200	8.124	5.474	50		273.700
250	8.64	8.332	50		419.100
300	9.777	9.194	50		459.675
350	10.348	10.098	50		502.325
400	10.852	10.600	50		530.00
450	8.833	9.893	50		492.125
500	10.562	9.698	50		489.875
550	7.201	8.882	50		444.075
600	6.556	6.899	50		393.925
650	7.089	6.820	50		391.00
700	7.799	7.917	50		390.825
750	8.575	8.162	50		408.100
800	6.965	7.520	50		346.00
850	7.14	6.803	50		390.125
900	5.622	6.386	50		319.300
950	7.914	6.523	50		326.150
1000	6.941	7.178	50		358.875
1095	4.85	5.896	50		265.298

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
00	7.085	00	00	00	—
50	3.63	2.858	50	50	192.875
100	5.965	4.548	50	50	227.375
150	9.681	5.073	50	50	253.650
200	3.597	4.135	50	50	206.950
250	2.477	3.037	50	50	151.850
300	2.789	2.633	50	50	131.650
350	4.02	3.405	50	50	170.225
4380	2.823	3.422	30	30	273.720
00	2.35	—	—	—	—
50	4.729	3.540	50	50	176.925
100	3.174	3.952	50	50	197.575
150	4.104	3.639	50	50	181.950
200	3.309	3.707	50	50	185.325
250	4.107	3.708	50	50	185.400
300	2.731	3.419	50	50	170.950
350	3.118	3.925	50	50	148.225
400	2.392	2.724	50	50	136.175
426	2.509	2.419	26	26	62.854
					10448.7372
Less Calc	1134.00	+ 396.06	= (-)		1530.062
Less Vol. GWT II			= (-)		527.252
Less Subgrade			= (-)		5435.032
					2356.222
					Liht = 2938.302
21/ PAF	Loss of HMG	54			2 Nos

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
22/ PAF RCC M10 grade					
(a) 1cu stone					= 3.00 m ³
(b) 200w stone					= 8.00 m ³
23/ PAF RCC M10 grade boundary					
1.00 m ²					= 48.00 m ³
24/ Road marking with bit					
applied on bit surface					
	2x10x30.00x0.10				= 60.00 m ³
	2x10x30.00x0.10				= 60.00 m ³
	2x10x30.00x0.10				= 60.00 m ³
	2x10x30.00x0.10				= 60.00 m ³
	2x8x25.00x0.10				= 40.00 m ³
	2x10x30.00x0.10				= 60.00 m ³
	2x4x30.00x0.10				= 24.00 m ³
	2x1x16.00x0.10				= 3.20 m ³
					367.20 m ³
25/ parapet construction					
	2x1.50x0.30x0.60				= 0.54 m ³
	1x2.00x0.30x0.60				= 0.36 m ³
	1x1.40x0.30x0.60				= 0.25 m ³
	1x2.95x0.40x0.60				= 0.70 m ³
	1x3.10x0.40x0.60				= 0.74 m ³
	1x2.00x0.40x0.60				= 0.48 m ³
	2x8.34x0.40x0.60				= 4.00 m ³
					7.56 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
26/ Painting parapet					
		4x2x6.15x0.40 =			19.68 m ²
		4x4x6.15x0.60 =			59.04 m ²
		4x4x0.40x0.60 =			3.84 m ²
					82.56 m ²
27/ planting tree by the					
Grand Side					= 186 m ²
28/ PAF Retroreflective					
traffic sign					
(a) 600mm triangle					= 18 m ²
(b) 600mm side circular					= 9 m ²
(c) 800x600mm rectangle					= 16 m ²
(d) 600x450mm rectangle					= 12 m ²
12/ 900mm octagonal					= 8 m ²
Shree					
5-02-22					
S.S.					

Abstract of Cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/1 PAF Setty on pillar					
(a) Actual measurement					
atg. vide P(1)					
				= 20.8	
@ Rs 3836.89				= Rs 7673.00	
(b) Reference pillar					
atg. vide Page (1)				= 70.8	
@ Rs 1735.66				= Rs 12195.00	
2/2 Clearing and grubbing					
atg. vide (2) P(1)				= 131 Hk	
@ Rs 51133.76				= Rs 66985.00	
3/3 Cost of subgrade work					
Lead upto 100 m					
atg. vide item no (20) P(20)				= 2338.30 m ³	
@ Rs 131.03				= Rs 305005.00	
4/ Construction of Subgrade					
(a) 4 For lead upto 100 m					
atg. vide item no (a) P(18)				= 1630.50 m ³	
@ Rs 176.58				= Rs 288014.00	
(b) 5 For lead upto 100 m					
atg. vide 19(b) P(18) = 3804.54 m ³					
@ Rs 141.17				= Rs 537089.00	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5/6 Core of Gull Cont					
atg. vide item (14) P (16)					$= 396.06 \text{ m}^2$
atg. vide item (12) P (5)					$= 1134.00 \text{ m}^2$
					1530.06 m^2
@ Rs 2314.00					$= \text{Rs } 3540559.00$
6/7 P&L 20m Gull Cont					
atg. vide item (15) P (7)					$= 527.425 \text{ m}^2$
@ Rs 2435.22					$= \text{Rs } 1811820.00$
7/8 P&A Prime Cont					
atg. vide item (16) P (17)					$= 7032.375 \text{ m}^2$
@ Rs 44.81					$= \text{Rs } 15120.00$
8/9 P&A Tack Cont					
atg. vide item (17) P (17)					$= 7032.375 \text{ m}^2$
@ Rs 15.24					$= \text{Rs } 107173.00$
9/10 P&L 20m thick MSS					
atg. vide item (18) P (18)					$= 7032.375 \text{ m}^2$
@ Rs 199.83					$= \text{Rs } 1405279.00$
10/11 P&A R/C Misgrad					
(a) Kustae					
atg. vide item (22) P (21)					$= 34.8$
@ Rs 1965.17					$= \text{Rs } 5895.00$
(b) 200m Stone					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D	
atg. wide iden no. 22/6/P(21)					
				= 8 Nos	
@ Rs 548.07				= Rs	4389.00
1 1/2 providing and fixing top of					
MMG 12					
atg. wide iden no. (21) P(20) = 2 Nos					
atg. wide iden no. (21) P(2) = 2 Nos					
				4 Nos	
@ Rs 9195.86				= Rs	36783.00
12/14 P & F R.C. 11.5 grade Boundary					
atg. wide iden no. (23) P(21)					
				= 98 Nos	
@ Rs 461.53				= Rs	22153.00
13/15 P & F Retrospective Traffic Sign					
(a) 600mm side triangle					
atg. wide iden no. (8) P(22)					
				= 18 Nos	
@ Rs 3653.21				= Rs	65757.00
(b) 600mm side triangle					
atg. wide iden no. (28) P(22)					
				= 4 Nos	
@ Rs 4925.13				= Rs	19700.00
(c) 800mm x 600mm rectangular					
atg. wide iden no. (8) P(22)					
				= 16 Nos	
@ Rs 6898.10				= Rs	110369.00
(d) 600 x 450mm rectangular					
atg. wide iden no. (28) P(22)					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				= 12 m ²	
@ Rs 4794.93				= 13	57539.00
(e) 900 mm side octagonal				= 8 m ²	
@ Rs 8821.00				= 13	70568.00
19/16 Road marking white paint applied on BT surface					
Qty. vide item no (24) P(21)				= 367.20 m ²	
@ Rs 735.44				= 13	70053.00
15/17 Planting of tree by the road side					
Qty. vide item no (27) P(22)				= 186 m ²	
@ Rs 815.24				= 13	51638.00
16/18 P4L PCC 300 mm dia duct pipe					
Qty. vide item no (9) P(3)				= 60.00 m	
@ Rs 885.61				= 13	53136.00
17/19 F/W in kerand 102					
Qty. vide item no (5) P(2)				= 119.194 m ²	
@ Rs 269.32				= 13	32101.00
18/20 P4L PCC 1411 grade in kerand					
Qty. vide item no (6) P(2)				= 18.38 m ²	
@ Rs 4589.64				= 13	84357.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
19/21 P4L PCC 120 grade in subgrade					
Qty. vide item no. (8) P(3)					
				= 134.76	
@ RS 5360.35				= RS	728432.00
20/22 P4L PCC 120 grade in subgrade					
Qty. vide item no. (7) P(2)					
				= 30.00m	
@ RS 3685.31				= RS	110552.00
21/23 painting of parapet					
Qty. vide item no. (26) P(22)					
				= 82.56 m ²	
@ RS 97.19				= RS	8024.00
22/24 F.W. in excavation for foundation					
Qty. vide item no. (1) P(14)					
				= 29.386 m ³	
@ RS 269.32				= RS	56392.00
23/27 S.F. 15% Bar in concrete					
Qty. vide item no. (2) P(1)					
				= 0.32 m ²	
@ RS 45606.68				= RS	14599.00
24/25 providing PCC 120 grade in foundation					
Qty. vide item no. (3) P(11)					
				= 15.253 m ³	
@ RS 4589.67				= RS	72300.00
25/26 providing PCC 120 in					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Buttallin					
Qty vide item no. (11) P (12)					
				= 69.787 m ²	
@ Rs 5170.25					= Rs 35965.00
26/28 PVC Manhole Substructure					
Qty vide item no. (5) P (13)					
				= 31.957 m ²	
@ Rs 5360.25					= Rs 171515.00
27/29 providing weep holes					
Qty vide item no. (11) P (15)					
				= 32 m ²	
@ Rs 108.51					= Rs 5663.00
28/30 PVC/RCC Manhole Substructure					
Qty vide item no. (7) P (14)					
				= 20.09 m ²	
@ Rs 5947.52					= Rs 119189.00
29/31 SAF HSD Box in Substructure					
Qty vide item no. (6) P (14)					
				1.990 m ² - 0.152 m ²	
@ Rs 45747.67					= Rs 91037.00
30/32 Back filling around					
Qty vide item no. (10) P (15)					
				= 68.357 m ²	
@ Rs 702.95					= Rs 48030.00
31/33 P & L Filter media					
Qty vide item no. (10) P (15)					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$= 39.6334^D$
@ M 3005.42					$= 13119/14.00$
32/34 P & L A/C M ₂ grade 1~					
Superstructure					
Qty. wide ider no. (9) P (15)					
					$= 8.76^D$
@ M 6489.48					$= 1556847.00$
33/35 SAF H/VSD Bar in					
Superstructure					
Qty. wide ider no. (8) P (15)					
					$= 0.752117$
@ M 46793.47					$= 1435192.00$
39/36 P & L Construction					
Qty. wide ider no. (25) P (2)					
					$= 7.564^D$
@ M 5360.35					$= 1540545.00$
35/32 Discontinuity of PCC					
Qty. wide ider 4(a) P (2)					
					$= 1.20^D$
@ M 489.77					$= 15582.00$
36/40 Driveway work					
Qty. wide 4(b) P (2)					
					$= 39.65^D$
@ M 231.72					$= 158031.00$
37/41 Removal of HP					
Qty. wide 4(c) P (2)					

Continuation

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