

KUBATURY ZEMNÍCH PRACÍ

Verze: 2017

Datum zadání: 11.12.2018

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Projekt:KRIKAR Městský okuh, MÚK Chebská
 Trasa: 1103L1.V71 1103L1, větev L1

Výpočet byl proveden se započtením zakřivení osy

 * S E S T A V A K U B A T U R Z E M I N Y *
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Staničení interval	plochy/objem			příčný přehoz m3	hmotnice		plochy/objem výkopu					
	výkop V m2/m3	násyp N m2/m3	akt.zona m2/m3		zemina m3	a.zóna m3	2	3	4	5	6	
km	.000000	20.67	.00	-10.20		.0	.0	20.67	.00	.00	.00	.00
	5.000	103.9	.0	-50.9	.0			103.9	.0	.0	.0	.0
km	.005000	20.90	.00	-10.16		103.9	-50.9	20.90	.00	.00	.00	.00
	5.000	55.7	-3.8	-51.9	3.8			159.6	.0	.0	.0	.0
km	.010000	1.37	-1.53	-10.59		155.7	-102.8	1.37	.00	.00	.00	.00
	5.000	41.6	-3.8	-51.2	3.8			201.1	.0	.0	.0	.0
km	.015000	15.26	.00	-9.88		193.5	-153.9	15.26	.00	.00	.00	.00
	5.000	77.0	.0	-50.6	.0			278.2	.0	.0	.0	.0
km	.020000	15.55	.00	-10.37		270.5	-204.6	15.55	.00	.00	.00	.00
	5.000	67.9	.0	-51.4	.0			346.1	.0	.0	.0	.0
km	.025000	11.62	.00	-10.19		338.4	-255.9	11.62	.00	.00	.00	.00
	3.565	35.2	.0	-36.0	.0			381.3	.0	.0	.0	.0
km	.028565	8.14	.00	-10.02		373.6	-292.0	8.14	.00	.00	.00	.00
	1.435	10.7	.0	-14.3	.0			392.0	.0	.0	.0	.0
km	.030000	6.74	.00	-9.95		384.3	-306.3	6.74	.00	.00	.00	.00
	5.000	23.4	-2.3	-49.2	2.3			415.4	.0	.0	.0	.0
km	.035000	2.48	-9.93	-9.67		405.4	-355.5	2.48	.00	.00	.00	.00
	5.000	10.8	-18.0	-47.6	10.8			426.2	.0	.0	.0	.0
km	.040000	1.62	-6.24	-9.26		398.2	-403.1	1.62	.00	.00	.00	.00
	5.000	8.0	-49.0	-45.6	8.0			434.2	.0	.0	.0	.0
km	.045000	1.35	-13.12	-8.80		357.2	-448.7	1.35	.00	.00	.00	.00
	5.000	6.7	-83.2	-43.7	6.7			440.9	.0	.0	.0	.0
km	.050000	1.06	-19.49	-8.46		280.7	-492.4	1.06	.00	.00	.00	.00
	5.000	5.1	-116.3	-42.1	5.1			446.0	.0	.0	.0	.0
km	.055000	.74	-25.86	-8.14		169.4	-534.5	.74	.00	.00	.00	.00
	5.000	3.8	-151.4	-40.4	3.8			449.7	.0	.0	.0	.0
km	.060000	.56	-32.89	-7.77		21.8	-574.9	.56	.00	.00	.00	.00
	3.565	2.3	-129.8	-28.1	2.3			452.1	.0	.0	.0	.0
km	.063565	.53	-37.90	-7.75		-105.7	-603.0	.53	.00	.00	.00	.00
	1.435	.9	-57.4	-11.3	.9			453.0	.0	.0	.0	.0
km	.065000	.52	-39.61	-7.72		-162.2	-614.2	.52	.00	.00	.00	.00
	5.000	3.1	-222.0	-39.5	3.1			456.1	.0	.0	.0	.0
km	.070000	.49	-46.55	-7.82		-381.1	-653.8	.49	.00	.00	.00	.00
	5.000	2.3	-257.2	-39.4	2.3			458.4	.0	.0	.0	.0
km	.075000	.29	-53.36	-7.69		-636.0	-693.1	.29	.00	.00	.00	.00
	4.478	1.1	-260.4	-34.7	1.1			459.5	.0	.0	.0	.0
km	.079478	.15	-59.56	-7.59		-895.2	-727.9	.15	.00	.00	.00	.00
	.522	.1	-32.2	-4.0	.1			459.6	.0	.0	.0	.0
km	.080000	.14	-60.15	-7.58		-927.3	-731.9	.14	.00	.00	.00	.00
	5.000	1.3	-322.2	-38.2	1.3			460.9	.0	.0	.0	.0
km	.085000	.29	-65.09	-7.45		-1248.2	-770.1	.29	.00	.00	.00	.00
	5.000	1.7	-343.6	-37.1	1.7			462.6	.0	.0	.0	.0
km	.090000	.28	-69.08	-7.16		-1590.1	-807.2	.28	.00	.00	.00	.00
	5.000	1.6	-368.8	-35.7	1.6			464.2	.0	.0	.0	.0
km	.095000	.28	-75.19	-6.92		-1957.3	-842.9	.28	.00	.00	.00	.00
	5.000	1.6	-393.5	-34.2	1.6			465.8	.0	.0	.0	.0
km	.100000	.28	-79.28	-6.60		-2349.2	-877.2	.28	.00	.00	.00	.00
	5.000	1.5	-411.1	-32.8	1.5			467.3	.0	.0	.0	.0
km	.105000	.28	-82.90	-6.41		-2758.9	-910.0	.28	.00	.00	.00	.00
	5.000	1.5	-429.9	-31.9	1.5			468.7	.0	.0	.0	.0
km	.110000	.28	-87.60	-6.27		-3187.3	-941.9	.28	.00	.00	.00	.00
	4.478	1.3	-406.4	-28.0	1.3			470.0	.0	.0	.0	.0
km	.114478	.29	-93.37	-6.20		-3592.5	-969.9	.29	.00	.00	.00	.00
	.522	.1	-48.9	-3.2	.1			470.2	.0	.0	.0	.0
km	.115000	.29	-94.04	-6.20		-3641.2	-973.1	.29	.00	.00	.00	.00
	5.000	1.4	-486.5	-31.0	1.4			471.6	.0	.0	.0	.0
km	.120000	.29	-100.54	-6.20		-4126.3	-1004.1	.29	.00	.00	.00	.00
	5.000	1.4	-522.9	-31.0	1.4			473.0	.0	.0	.0	.0
km	.125000	.27	-108.61	-6.20		-4647.7	-1035.1	.27	.00	.00	.00	.00
	4.003	1.1	-417.8	-24.5	1.1			474.1	.0	.0	.0	.0
km	.129003	.27	-100.12	-6.04		-5064.4	-1059.6	.27	.00	.00	.00	.00
	.010	.0	-7	.0	.0			474.1	.0	.0	.0	.0
km	.129013	.00	-49.38	-3.15		-5065.2	-1059.7	.00	.00	.00	.00	.00
	.987	.0	-49.1	-3.1	.0			474.1	.0	.0	.0	.0
km	.130000	.00	-50.02	-3.15		-5114.2	-1062.8	.00	.00	.00	.00	.00
	5.000	.0	-258.5	-15.7	.0			474.1	.0	.0	.0	.0
km	.135000	.00	-53.39	-3.15		-5372.7	-1078.5	.00	.00	.00	.00	.00
	2.424	.0	-131.4	-7.6	.0			474.1	.0	.0	.0	.0
km	.137424	.00	-55.06	-3.15		-5504.2	-1086.1	.00	.00	.00	.00	.00
	2.576	.0	-141.9	-8.1	.0			474.1	.0	.0	.0	.0
km	.140000	.00	-57.21	-3.19		-5646.1	-1094.2	.00	.00	.00	.00	.00

	5.000	.0	-285.5	-16.3	.0			474.1	.0	.0	.0	.0
km	.145000	.00	-63.63	-3.50		-5931.6	-1110.4	.00	.00	.00	.00	.00
	5.000	.0	-309.4	-18.1	.0			474.1	.0	.0	.0	.0
km	.150000	.00	-73.28	-4.13		-6240.9	-1128.5	.00	.00	.00	.00	.00
	2.510	.0	-171.7	-10.3	.0			474.1	.0	.0	.0	.0
km	.152510	.00	-81.88	-4.57		-6412.6	-1138.8	.00	.00	.00	.00	.00
	.010	.0	-8	.0	.0			474.1	.0	.0	.0	.0
km	.152520	.00	-95.15	-5.69		-6413.4	-1138.8	.00	.00	.00	.00	.00
	2.480	.0	-221.0	-14.1	.0			474.1	.0	.0	.0	.0
km	.155000	.00	-103.79	-6.21		-6634.4	-1153.0	.00	.00	.00	.00	.00
	5.000	.0	-500.5	-29.7	.0			474.1	.0	.0	.0	.0
km	.160000	.00	-119.47	-6.45		-7134.8	-1182.7	.00	.00	.00	.00	.00
	2.424	.0	-277.4	-14.7	.0			474.1	.0	.0	.0	.0
km	.162424	.00	-125.32	-6.44		-7412.3	-1197.4	.00	.00	.00	.00	.00
	2.576	.0	-327.6	-15.7	.0			474.1	.0	.0	.0	.0
km	.165000	.00	-137.88	-6.43		-7739.9	-1213.2	.00	.00	.00	.00	.00
	5.000	.0	-737.5	-30.5	.0			474.1	.0	.0	.0	.0
km	.170000	.00	-154.96	-6.41		-8477.4	-1243.6	.00	.00	.00	.00	.00
	1.083	.0	-170.7	-6.6	.0			474.1	.0	.0	.0	.0
km	.171083	.00	-155.96	-6.41		-8648.0	-1250.2	.00	.00	.00	.00	.00
	3.917	1.2	-624.8	-24.2	1.2			475.3	.0	.0	.0	.0
km	.175000	.31	-163.21	-6.36		-9271.6	-1274.4	.31	.00	.00	.00	.00
	5.000	.9	-832.6	-30.4	.9			476.2	.0	.0	.0	.0
km	.180000	.00	-167.55	-5.91		-10103.3	-1304.8	.00	.00	.00	.00	.00
	5.000	1.2	-835.2	-28.0	1.2			477.4	.0	.0	.0	.0
km	.185000	.31	-161.21	-5.19		-10937.3	-1332.8	.31	.00	.00	.00	.00
	5.000	2.1	-810.6	-25.0	2.1			479.5	.0	.0	.0	.0
km	.190000	.45	-157.34	-4.66		-11745.8	-1357.8	.45	.00	.00	.00	.00
	5.000	2.7	-795.9	-23.1	2.7			482.2	.0	.0	.0	.0
km	.195000	.62	-156.78	-4.45		-12538.9	-1380.9	.62	.00	.00	.00	.00
	1.083	.7	-170.5	-4.8	.7			482.9	.0	.0	.0	.0
km	.196083	.67	-157.27	-4.43		-12708.7	-1385.7	.67	.00	.00	.00	.00
** Příčné řezy končí v km .196083 před zadaným koncem trasy												

Konečný součet v km	.196083											
	482.9	-13191.6	-1385.7	77.5	-12708.7	-1385.7	482.9	.0	.0	.0	.0	.0

Staničení interval	výkop V m2/m3	plochy/objem násyp N m2/m3	akt.zona m2/m3	příčný přehoz m3	hmotnice zemina m3	a.zóna m3	2	plochy/objem podle třídy 3	výkopu těžitelnosti 4	5	6
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*** VÝPOČET UKONČEN - NEZÁVAŽNÉ CHYBY ***
Doporučujeme prověřit výsledky

PRAGOPROJEKT PRAHA, a. s. OBO CAD, 14754 Praha 4, K Rysance 16
PROGRAMOVÝ SYSTÉM R O A D P A C - program RP71

KUBATURY ZEMNÍCH PRACÍ

Verze: 2017 Datum zadání: 11.12.2018 Datum výpočtu: 11.12.2018 15:38:53
datum a čas kompilace: 05.03.2017 11:55

Projekt:KRIKAR Městský okruh, MÚK Chebská
Trasa: 1103L2.V71 1103L2, větev L2

*
* S E S T A V A K U B A T U R Z E M I N Y *
*

Staničení interval	výkop V m2/m3	plochy/objem násyp N m2/m3	akt.zona m2/m3	příčný přehoz m3	hmotnice zemina m3	a.zóna m3	2	plochy/objem podle třídy 3	výkopu těžitelnosti 4	5	6
km	.054284	.16	-134.23	-5.54	.0	.0	.16	.00	.00	.00	.00
	.716	.1	-90.3	-3.9	.1		.1	.0	.0	.0	.0
km	.055000	.16	-131.95	-5.54	-90.2	-3.9	.16	.00	.00	.00	.00
	1.210	.1	-148.3	-6.5	.1		.2	.0	.0	.0	.0
km	.056210	.16	-127.53	-5.54	-238.4	-10.4	.16	.00	.00	.00	.00
	3.790	.4	-420.7	-20.3	.4		.6	.0	.0	.0	.0
km	.060000	.15	-109.18	-5.44	-658.7	-30.8	.15	.00	.00	.00	.00
	1.565	.2	-156.2	-8.2	.2		.8	.0	.0	.0	.0
km	.061565	.15	-103.37	-5.24	-814.8	-38.9	.15	.00	.00	.00	.00
	1.025	.1	-97.7	-5.1	.1		.9	.0	.0	.0	.0
km	.062590	.15	-99.58	-4.96	-912.3	-44.0	.15	.00	.00	.00	.00
	2.410	.3	-215.2	-10.9	.3		1.1	.0	.0	.0	.0
km	.065000	.15	-90.61	-4.32	-1127.2	-55.0	.15	.00	.00	.00	.00
	5.000	.5	-516.4	-19.3	.5		1.6	.0	.0	.0	.0
km	.070000	.14	-137.44	-3.62	-1643.1	-74.3	.14	.00	.00	.00	.00
	2.087	.2	-209.0	-6.9	.2		1.9	.0	.0	.0	.0
km	.072087	.15	-73.06	-3.17	-1851.9	-81.2	.15	.00	.00	.00	.00
	.871	.1	-65.5	-3.1	.1		2.0	.0	.0	.0	.0
km	.072958	.15	-84.53	-4.19	-1917.3	-84.3	.15	.00	.00	.00	.00
	2.042	.4	-208.6	-8.2	.4		2.4	.0	.0	.0	.0
km	.075000	.34	-135.88	-3.96	-2125.5	-92.5	.34	.00	.00	.00	.00
	.280	.1	-28.8	-1.1	.1		2.4	.0	.0	.0	.0
km	.075280	.15	-77.86	-3.77	-2154.2	-93.6	.15	.00	.00	.00	.00
	4.720	.9	-445.4	-16.6	.9		3.4	.0	.0	.0	.0
km	.080000	.34	-122.66	-3.37	-2598.6	-110.1	.34	.00	.00	.00	.00
	5.000	1.1	-568.7	-16.1	1.1		4.5	.0	.0	.0	.0
km	.085000	.18	-113.76	-3.14	-3166.2	-126.2	.18	.00	.00	.00	.00
	4.999	.8	-534.0	-15.3	.8		5.3	.0	.0	.0	.0

km	.089999	.18	-104.76	-3.05		-3699.4	-141.6	.18	.00	.00	.00	.00
	5.000	.8	-497.9	-15.2	.8			6.1	.0	.0	.0	.0
km	.094999	.16	-95.85	-3.06		-4196.5	-156.8	.16	.00	.00	.00	.00
	1.211	.2	-88.7	-3.6	.2			6.3	.0	.0	.0	.0
km	.096210	.14	-50.76	-2.89		-4285.0	-160.4	.14	.00	.00	.00	.00
** Příčné řezy končí v km .096210 před zadáním koncem trasy												

Konečný součet v km		.096210										
	6.3	-4291.3	-160.4		6.3	-4285.0	-160.4	6.3	.0	.0	.0	.0

Staničení interval	plochy/objem		příčný		hmotnice		plochy/objem výkopu					
	výkop V	násyp N	akt.zona	přehoz	zemina	a.zóna	podle třídy těžitelnosti					
	m2/m3	m2/m3	m2/m3	m3	m3	m3	2	3	4	5	6	

*** VÝPOČET UKONČEN - NEZÁVAŽNÉ CHYBY ***
Doporučujeme prověřit výsledky

Zazubení Chebská				
Staničení	Průřezová plocha	Kubatury	Průřez	Kubatury
0,229 km	7,1 m²		20,3 m	
		147 m³		420,6 m²
0,250 km	6,9 m²		19,8 m	
		209 m³		598,3 m²
0,280 km	7,0 m²		20,1 m	
		5 m³		15,3 m²
0,281 km	3,6 m²		10,4 m	
		43 m³		123,7 m²
0,299 km	1,2 m²		3,3 m	
		2 m³		4,9 m²
0,300 km	2,3 m²		6,5 m	
		284 m³		814,4 m²
0,420 km	2,5 m²		7,0 m	
		140 m³		400,3 m²
0,480 km	2,2 m²		6,3 m	
Celkem:		829 m³		2377,5m²

Větev P1 - Násyp			Drenážní vrstva násypu P1		Ochranná vrstva geotextilie P1		Zazubení P1				AZ P1	
Staničení	Průřezová plocha	Kubatury	Průřezová plocha	Kubatury	Průřezová plocha	Kubatury	Průřezová plocha	Kubatury	Průřez	Kubatury	Průřezová plocha	Kubatury
0,090 km	0,0 m²		0,0 m²		0,0 m²		0,0 m²		0,0 m		0,0 m²	
		272 m³		56 m³		12 m³		80 m³		214,5 m²		75 m³
0,120 km	18,1 m²		3,7 m²		0,8 m²		5,4 m²		14,3 m		5,0 m²	
		446 m³		66 m³		14 m³		59 m³		184,6 m²		60 m³
0,132 km	59,4 m²		7,8 m²		1,7 m²		4,9 m²		17,8 m		5,4 m²	
		820 m³		89 m³		19 m³		44 m³		156,4 m²		46 m³
0,140 km	133,6 m²		13,1 m²		2,7 m²		5,4 m²		19,0 m		5,4 m²	
		2186 m³		240 m³		50 m³		54 m³		190,0 m²		107 m³
0,160 km	85,0 m²		10,9 m²		2,3 m²		0,0 m²		0,0 m		5,3 m²	
		1804 m³		228 m³		48 m³		0 m³		0,0 m²		95 m³
0,182 km	79,0 m²		9,8 m²		2,1 m²		0,0 m²		0,0 m		3,4 m²	
Celkem:		5527m³		677 m³		143 m³		236 m³		745,5m²		381 m³

+ Odstranění nevhodného materiálu z podloží 904+857=1761 m³