

СТРОЕЖ: „Подобряване на условията за достъп до природни, културни и туристически обекти чрез създаване на зони за отдих и туризъм в землището на село Ламбух”

Туристическа пътека от село Ламбух до главен път „№ III-597 Любимец – Ивайловград“, преминаваща през местността Аязмото

ВЪЗЛОЖИТЕЛ: Община Ивайловград

### КОТИ НИВЕЛЕТА И ПРОЕКТНИ НАКЛОНИ

от п.т.1 до п.т.7

Име на точка	Разст. м/у точките	Хектометраж	коти нивелета			Проектна ширина		Проектни наклони	
			ляво	ос	дясно	ляво	дясно	ляво	дясно
А		0.00	131.03	131.05	131.07	1.00	1.00		
НК1'	8.42	8.42	132.25	132.27	132.29	1.00	1.00	2.00	-2.00
СК1'	3.39	11.81	132.75	132.77	132.79	1.00	1.00	2.00	-2.00
КК1'	3.39	15.20	133.24	133.26	133.28	1.00	1.00	2.00	-2.00
1	3.93	19.13	133.81	133.83	133.85	1.00	1.00	2.00	-2.00
НК1	7.77	26.90	135.46	135.44	135.42	1.00	1.00	-2.00	2.00
СК1	2.71	29.61	136.38	136.36	136.34	1.00	1.00	-2.00	2.00
КК1	2.71	32.32	137.44	137.42	137.40	1.00	1.00	-2.00	2.00
НК2	8.84	41.16	140.02	140.00	139.98	1.00	1.00	-2.00	2.00
СК2	5.21	46.37	141.52	141.50	141.48	1.00	1.00	-2.00	2.00
КК2	5.21	51.58	143.17	143.15	143.13	1.00	1.00	-2.00	2.00
2	12.55	64.13	147.14	147.12	147.10	1.00	1.00	-2.00	2.00
НК3	12.55	76.68	151.11	151.09	151.07	1.00	1.00	-2.00	2.00
СК3	4.15	80.83	152.42	152.40	152.38	1.00	1.00	-2.00	2.00
КК3	4.15	84.98	153.68	153.66	153.64	1.00	1.00	-2.00	2.00
3	20.00	104.98	158.17	158.15	158.13	1.00	1.00	-2.00	2.00
4	20.00	124.98	162.60	162.58	162.56	1.00	1.00	-2.00	2.00
k1	12.66	137.64	165.41	165.39	165.37	1.00	1.00	-2.00	2.00
5	17.67	155.31	169.37	169.35	169.33	1.00	1.00	-2.00	2.00
НК4	17.67	172.98	174.77	174.79	174.81	1.00	1.00	2.00	-2.00
СК4	4.41	177.39	176.13	176.15	176.17	1.00	1.00	2.00	-2.00
КК4	4.41	181.80	177.50	177.52	177.54	1.00	1.00	2.00	-2.00
НК5	5.29	187.09	179.19	179.17	179.15	1.00	1.00	-2.00	2.00
СК5	3.30	190.39	180.21	180.19	180.17	1.00	1.00	-2.00	2.00
КК5	3.30	193.68	181.23	181.21	181.19	1.00	1.00	-2.00	2.00
НК6	11.43	205.11	184.78	184.76	184.74	1.00	1.00	-2.00	2.00
СК6	2.05	207.16	185.41	185.39	185.37	1.00	1.00	-2.00	2.00
КК6	2.05	209.21	186.05	186.03	186.01	1.00	1.00	-2.00	2.00
НК7	9.88	219.09	189.08	189.10	189.12	1.00	1.00	2.00	-2.00
СК7	1.81	220.90	189.64	189.66	189.68	1.00	1.00	2.00	-2.00
КК7	1.81	222.70	190.20	190.22	190.24	1.00	1.00	2.00	-2.00
НК8	18.09	240.79	195.81	195.83	195.85	1.00	1.00	2.00	-2.00
СК8	1.77	242.56	196.36	196.38	196.40	1.00	1.00	2.00	-2.00
КК8	1.77	244.32	196.91	196.93	196.95	1.00	1.00	2.00	-2.00
НК9	2.49	246.81	197.72	197.70	197.68	1.00	1.00	-2.00	2.00
СК9	2.48	249.29	198.49	198.47	198.45	1.00	1.00	-2.00	2.00
КК9	2.48	251.77	199.22	199.20	199.18	1.00	1.00	-2.00	2.00
НК10	4.41	256.18	200.26	200.28	200.30	1.00	1.00	2.00	-2.00
СК10	3.73	259.91	201.13	201.15	201.17	1.00	1.00	2.00	-2.00
КК10	3.73	263.64	202.01	202.03	202.05	1.00	1.00	2.00	-2.00
НК11	4.71	268.35	203.15	203.13	203.11	1.00	1.00	-2.00	2.00
СК11	2.53	270.88	203.75	203.73	203.71	1.00	1.00	2.00	-2.00
КК11	2.53	273.41	204.34	204.32	204.30	1.00	1.00	2.00	-2.00
НК12	11.55	284.96	206.96	206.98	207.00	1.00	1.00	2.00	-2.00
СК12	1.32	286.28	207.19	207.21	207.23	1.00	1.00	2.00	-2.00
КК12	1.32	287.60	207.39	207.41	207.43	1.00	1.00	2.00	-2.00
НК13	1.61	289.21	207.63	207.61	207.59	1.00	1.00	-2.00	2.00



CK13	1.04	290.25	207.72	207.70	207.68	1.00	1.00	-2.00	2.00
KK13	1.04	291.29	207.80	207.78	207.76	1.00	1.00	-2.00	2.00
HK14	6.94	298.23	208.14	208.12	208.10	1.00	1.00	-2.00	2.00
CK14	1.69	299.92	208.31	208.29	208.27	1.00	1.00	-2.00	2.00
KK14	1.69	301.60	208.54	208.52	208.50	1.00	1.00	-2.00	2.00
k2	10.70	312.30	210.45	210.43	210.41	1.00	1.00	-2.00	2.00
k3	8.36	320.66	210.92	210.90	210.88	1.00	1.00	-2.00	2.00
HK15	4.40	325.06	211.19	211.21	211.23	1.00	1.00	2.00	-2.00
CK15	1.45	326.51	211.38	211.40	211.42	1.00	1.00	2.00	-2.00
KK15	1.45	327.95	211.60	211.62	211.64	1.00	1.00	2.00	-2.00
HK16	5.83	333.78	212.94	212.92	212.90	1.00	1.00	-2.00	2.00
CK16	1.08	334.86	213.21	213.19	213.17	1.00	1.00	-2.00	2.00
KK16	1.08	335.94	213.48	213.46	213.44	1.00	1.00	-2.00	2.00
HK17	1.90	337.84	213.91	213.93	213.95	1.00	1.00	2.00	-2.00
CK17	6.16	344.00	215.45	215.47	215.49	1.00	1.00	2.00	-2.00
KK17	6.16	350.16	216.99	217.01	217.03	1.00	1.00	2.00	-2.00
HK18	6.04	356.20	218.76	218.74	218.72	1.00	1.00	-2.00	2.00
CK18	1.40	357.60	219.17	219.15	219.13	1.00	1.00	-2.00	2.00
KK18	1.40	359.00	219.57	219.55	219.53	1.00	1.00	-2.00	2.00
HK19	3.45	362.45	220.53	220.55	220.57	1.00	1.00	2.00	-2.00
CK19	1.09	363.54	220.84	220.86	220.88	1.00	1.00	2.00	-2.00
KK19	1.09	364.62	221.15	221.17	221.19	1.00	1.00	2.00	-2.00
k4	2.92	367.54	222.00	222.02	222.04	1.00	1.00	2.00	-2.00
HK20	10.68	378.22	225.08	225.10	225.12	1.00	1.00	2.00	-2.00
CK20	1.22	379.44	225.43	225.45	225.47	1.00	1.00	2.00	-2.00
KK20	1.22	380.66	225.78	225.80	225.82	1.00	1.00	2.00	-2.00
HK21	18.45	399.11	231.14	231.12	231.10	1.00	1.00	-2.00	2.00
CK21	1.19	400.30	231.49	231.47	231.45	1.00	1.00	-2.00	2.00
KK21	1.19	401.48	231.83	231.81	231.79	1.00	1.00	-2.00	2.00
HK22	2.85	404.33	232.61	232.63	232.65	1.00	1.00	2.00	-2.00
CK22	1.10	405.43	232.93	232.95	232.97	1.00	1.00	2.00	-2.00
KK22	1.10	406.52	233.24	233.26	233.28	1.00	1.00	2.00	-2.00
HK23	4.88	411.40	234.68	234.66	234.64	1.00	1.00	-2.00	2.00
CK23	3.22	414.62	235.61	235.59	235.57	1.00	1.00	-2.00	2.00
KK23	3.22	417.84	236.53	236.51	236.49	1.00	1.00	-2.00	2.00
6	10.46	428.30	239.53	239.51	239.49	1.00	1.00	-2.00	2.00
HK24	10.46	438.76	242.19	242.21	242.23	1.00	1.00	2.00	-2.00
CK24	2.72	441.48	242.89	242.91	242.93	1.00	1.00	2.00	-2.00
KK24	2.72	444.20	243.59	243.61	243.63	1.00	1.00	2.00	-2.00
k5	16.19	460.39	247.03	247.05	247.07	1.00	1.00	2.00	-2.00
HK25	6.18	466.57	247.57	247.59	247.61	1.00	1.00	2.00	-2.00
CK25	4.72	471.29	247.88	247.90	247.92	1.00	1.00	2.00	-2.00
KK25	4.72	476.01	248.45	248.47	248.49	1.00	1.00	2.00	-2.00
HK26	10.48	486.49	249.68	249.66	249.64	1.00	1.00	-2.00	2.00
CK26	5.02	491.51	249.73	249.71	249.69	1.00	1.00	-2.00	2.00
KK26	5.02	496.52	249.68	249.66	249.64	1.00	1.00	-2.00	2.00
7	8.77	505.29	249.58	249.56	249.54	1.00	1.00	-2.00	2.00

от п.т.8 до п.т.10

Име на точка	Разст. м/у точките	Хектомет раж	коти нивелета			Проектна ширина		Проектни наклони	
			ляво	ос	дясно	ляво	дясно	ляво	дясно
8		0	236.26	236.24	236.22	1.00	1.00	-2.00	2.00
HK27	11.07	11.07	234.75	234.73	234.71	1.00	1.00	-2.00	2.00
CK27	1.94	13.005	234.49	234.47	234.45	1.00	1.00	-2.00	2.00
KK27	1.94	14.94	234.23	234.21	234.19	1.00	1.00	-2.00	2.00
9	12.58	27.52	232.51	232.49	232.47	1.00	1.00	-2.00	2.00
HK28	12.58	40.1	230.76	230.78	230.80	1.00	1.00	2.00	-2.00



CK28	1.50	41.6	230.56	230.58	230.60	1.00	1.00	2.00	-2.00
KK28	1.50	43.1	230.41	230.43	230.45	1.00	1.00	2.00	-2.00
HK29	8.62	51.72	230.07	230.05	230.03	1.00	1.00	-2.00	2.00
CK29	1.82	53.535	230.00	229.98	229.96	1.00	1.00	-2.00	2.00
KK29	1.82	55.35	229.93	229.91	229.89	1.00	1.00	-2.00	2.00
HK30	4.98	60.33	229.71	229.73	229.75	1.00	1.00	2.00	-2.00
CK30	1.86	62.185	229.64	229.66	229.68	1.00	1.00	2.00	-2.00
KK30	1.86	64.04	229.57	229.59	229.61	1.00	1.00	2.00	-2.00
HK31	4.09	68.13	229.42	229.44	229.46	1.00	1.00	2.00	-2.00
CK31	1.99	70.12	229.34	229.36	229.38	1.00	1.00	2.00	-2.00
KK31	1.99	72.11	229.22	229.24	229.26	1.00	1.00	2.00	-2.00
HK32	6.02	78.13	228.11	228.13	228.15	1.00	1.00	2.00	-2.00
CK32	1.36	79.49	227.84	227.86	227.88	1.00	1.00	2.00	-2.00
KK32	1.36	80.85	227.55	227.57	227.59	1.00	1.00	2.00	-2.00
HK33	11.16	92.01	224.63	224.61	224.59	1.00	1.00	-2.00	2.00
CK33	1.17	93.18	224.32	224.30	224.28	1.00	1.00	-2.00	2.00
KK33	1.17	94.35	224.03	224.01	223.99	1.00	1.00	-2.00	2.00
HK34	14.83	109.18	221.03	221.05	221.07	1.00	1.00	2.00	-2.00
CK34	0.95	110.13	220.84	220.86	220.88	1.00	1.00	2.00	-2.00
KK34	0.95	111.08	220.68	220.70	220.72	1.00	1.00	2.00	-2.00
HK35	5.72	116.8	219.90	219.92	219.94	1.00	1.00	2.00	-2.00
CK35	0.76	117.555	219.80	219.82	219.84	1.00	1.00	2.00	-2.00
KK35	0.76	118.31	219.70	219.72	219.74	1.00	1.00	2.00	-2.00
HK36	2.15	120.46	219.42	219.44	219.46	1.00	1.00	2.00	-2.00
CK36	1.16	121.615	219.25	219.27	219.29	1.00	1.00	2.00	-2.00
KK36	1.16	122.77	219.05	219.07	219.09	1.00	1.00	2.00	-2.00
HK37	5.02	127.79	217.84	217.82	217.80	1.00	1.00	-2.00	2.00
CK37	0.62	128.41	217.68	217.66	217.64	1.00	1.00	-2.00	2.00
KK37	0.62	129.03	217.52	217.50	217.48	1.00	1.00	-2.00	2.00
HK38	8.06	137.09	215.38	215.40	215.42	1.00	1.00	2.00	-2.00
CK38	0.66	137.745	215.21	215.23	215.25	1.00	1.00	2.00	-2.00
KK38	0.66	138.4	215.06	215.08	215.10	1.00	1.00	2.00	-2.00
HK39	4.64	143.04	214.05	214.07	214.09	1.00	1.00	2.00	-2.00
CK39	0.67	143.71	213.90	213.92	213.94	1.00	1.00	2.00	-2.00
KK39	0.67	144.38	213.75	213.77	213.79	1.00	1.00	2.00	-2.00
HK40	2.45	146.83	213.26	213.24	213.22	1.00	1.00	-2.00	2.00
CK40	0.92	147.75	213.06	213.04	213.02	1.00	1.00	-2.00	2.00
KK40	0.92	148.67	212.86	212.84	212.82	1.00	1.00	-2.00	2.00
HK41	1.79	150.46	212.47	212.45	212.43	1.00	1.00	-2.00	2.00
CK41	2.76	153.215	211.87	211.85	211.83	1.00	1.00	-2.00	2.00
KK41	2.76	155.97	211.36	211.34	211.32	1.00	1.00	-2.00	2.00
HK42	8.48	164.45	209.74	209.76	209.78	1.00	1.00	2.00	-2.00
CK42	1.17	165.615	209.48	209.50	209.52	1.00	1.00	2.00	-2.00
KK42	1.17	166.78	209.19	209.21	209.23	1.00	1.00	2.00	-2.00
HK43	2.49	169.27	208.61	208.59	208.57	1.00	1.00	-2.00	2.00
CK43	1.40	170.665	208.27	208.25	208.23	1.00	1.00	-2.00	2.00
KK43	1.40	172.06	207.92	207.90	207.88	1.00	1.00	-2.00	2.00
HK44	4.45	176.51	206.71	206.69	206.67	1.00	1.00	-2.00	2.00
CK44	1.75	178.26	206.23	206.21	206.19	1.00	1.00	-2.00	2.00
KK44	1.75	180.01	205.75	205.73	205.71	1.00	1.00	-2.00	2.00
HK45	2.90	182.91	204.93	204.95	204.97	1.00	1.00	2.00	-2.00
CK45	1.27	184.175	204.62	204.64	204.66	1.00	1.00	2.00	-2.00
KK45	1.27	185.44	204.32	204.34	204.36	1.00	1.00	2.00	-2.00
HK46	3.68	189.12	203.44	203.46	203.48	1.00	1.00	2.00	-2.00
CK46	0.49	189.61	203.32	203.34	203.36	1.00	1.00	2.00	-2.00
KK46	0.49	190.1	203.20	203.22	203.24	1.00	1.00	2.00	-2.00
HK47	3.85	193.95	202.28	202.26	202.24	1.00	1.00	2.00	-2.00
CK47	0.48	194.43	202.14	202.12	202.10	1.00	1.00	-2.00	2.00
KK47	0.48	194.91	202.00	201.98	201.96	1.00	1.00	-2.00	2.00
HK48	2.79	197.7	201.08	201.10	201.12	1.00	1.00	2.00	-2.00
CK48	0.56	198.255	200.90	200.92	200.94	1.00	1.00	2.00	-2.00



KK48	0.56	198.81	200.72	200.74	200.76	1.00	1.00	2.00	-2.00
HK49	3.61	202.42	199.65	199.63	199.61	1.00	1.00	-2.00	2.00
CK49	0.76	203.18	199.44	199.42	199.40	1.00	1.00	-2.00	2.00
KK49	0.76	203.94	199.25	199.23	199.21	1.00	1.00	-2.00	2.00
HK50	1.34	205.28	198.88	198.90	198.92	1.00	1.00	2.00	-2.00
CK50	1.23	206.51	198.59	198.61	198.63	1.00	1.00	2.00	-2.00
KK50	1.23	207.74	198.30	198.32	198.34	1.00	1.00	2.00	-2.00
HK51	1.84	209.58	197.91	197.89	197.87	1.00	1.00	-2.00	2.00
CK51	2.53	212.11	197.31	197.29	197.27	1.00	1.00	-2.00	2.00
KK51	2.53	214.64	196.70	196.68	196.66	1.00	1.00	-2.00	2.00
HK52	5.65	220.29	195.13	195.15	195.17	1.00	1.00	2.00	-2.00
CK52	0.74	221.025	194.93	194.95	194.97	1.00	1.00	2.00	-2.00
KK52	0.74	221.76	194.73	194.75	194.77	1.00	1.00	2.00	-2.00
HK53	1.84	223.6	194.27	194.25	194.23	1.00	1.00	-2.00	2.00
CK53	0.44	224.04	194.15	194.13	194.11	1.00	1.00	-2.00	2.00
KK53	0.44	224.48	194.03	194.01	193.99	1.00	1.00	-2.00	2.00
HK54	0.85	225.33	193.76	193.78	193.80	1.00	1.00	2.00	-2.00
CK54	1.77	227.1	193.28	193.30	193.32	1.00	1.00	2.00	-2.00
KK54	1.77	228.87	192.78	192.80	192.82	1.00	1.00	2.00	-2.00
HK55	3.02	231.89	191.95	191.93	191.91	1.00	1.00	-2.00	2.00
CK55	0.63	232.52	191.77	191.75	191.73	1.00	1.00	-2.00	2.00
KK55	0.63	233.15	191.59	191.57	191.55	1.00	1.00	-2.00	2.00
HK56	1.94	235.09	191.00	191.02	191.04	1.00	1.00	2.00	-2.00
CK56	0.66	235.75	190.81	190.83	190.85	1.00	1.00	2.00	-2.00
KK56	0.66	236.41	190.62	190.64	190.66	1.00	1.00	2.00	-2.00
HK57	1.90	238.31	190.08	190.10	190.12	1.00	1.00	2.00	-2.00
CK57	1.48	239.79	189.65	189.67	189.69	1.00	1.00	2.00	-2.00
KK57	1.48	241.27	189.23	189.25	189.27	1.00	1.00	2.00	-2.00
HK58	2.79	244.06	188.47	188.45	188.43	1.00	1.00	-2.00	2.00
CK58	0.71	244.765	188.26	188.24	188.22	1.00	1.00	-2.00	2.00
KK58	0.71	245.47	188.02	188.00	187.98	1.00	1.00	-2.00	2.00
HK59	5.60	251.07	185.85	185.83	185.81	1.00	1.00	-2.00	2.00
CK59	1.29	252.36	185.34	185.32	185.30	1.00	1.00	-2.00	2.00
KK59	1.29	253.65	184.83	184.81	184.79	1.00	1.00	-2.00	2.00
HK60	2.97	256.62	183.75	183.73	183.71	1.00	1.00	-2.00	2.00
CK60	1.42	258.035	183.64	183.62	183.60	1.00	1.00	-2.00	2.00
KK60	1.42	259.45	183.63	183.61	183.59	1.00	1.00	-2.00	2.00
HK61	5.50	264.95	183.61	183.59	183.57	1.00	1.00	-2.00	2.00
CK61	1.08	266.025	183.65	183.63	183.61	1.00	1.00	-2.00	2.00
KK61	1.08	267.1	183.70	183.68	183.66	1.00	1.00	-2.00	2.00
HK62	5.74	272.84	184.05	184.03	184.01	1.00	1.00	-2.00	2.00
CK62	6.60	279.435	185.56	185.54	185.52	1.00	1.00	-2.00	2.00
KK62	6.60	286.03	186.40	186.38	186.36	1.00	1.00	-2.00	2.00
10	1.32	287.35	186.56	186.54	186.52	1.00	1.00	-2.00	2.00

ОБЩО: 792.64

УЧЕБНИЦА НА ИНЖЕНЕРИТЕ В ИНВЕСТИЦИОННОТО ПРОЕКТИРАНЕ

ПЪЛНА ПРОЕКТАНТСКА ПРАВОСПОСОБНОСТ

Регистрационен № 09115

инж. МАРИЯ ИЛИЕВА ХРИСТОВА


Съставил: Подпис: (инж. Мария Христова)

ВАЖИ С ВАЛИДНО УДОСТОВЕРЕНИЕ ЗА ПЛП ДО КРАЯ НА ГОДИНА







ЗАДАНИЕ НА ПРОЕКТАНТА ПРОЕКТНА ПРОЕКТАНТСКА ПРАВОСЛОБНОСТ		 МИНИСТЕРСТВО НА ОБРАЗОВАНИЕТО И НАУКАТА РЕСПУБЛИКА БЪЛГАРИЯ
Проектантски номер № 09115 ИМЯ НА ПРОЕКТАНТА ДИМИТРА ХРИСТОВА		
Подпис: _____ ЗАДАНИЕ НА ПРОЕКТАНТА ЗА ИЗПЪЛНЕНИЕ НА ПРОЕКТА		ДАТА НА ИЗПЪЛНЕНИЕТО: _____ ПОДПИС: _____



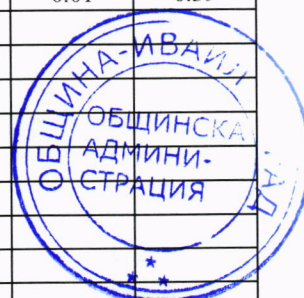
СТРОЕЖ: „Подобряване на условията за достъп до природни, културни и туристически обекти чрез създаване на зони за отдих и туризъм в землището на село Ламбух”

Туристическа пътека от село Ламбух до главен път „№ III-597 Любимец – Ивайловград“, преминаваща през местността Аязмото  
ВЪЗЛОЖИТЕЛ: Община Ивайловград

### 1. ЗЕМНИ РАБОТИ

от п.т.1 до п.т.7

No точка	Разст. м/у точките	Хекто-метраж	Кота ос		Ширина	Квад-тура	Разлика коти	Изкоп (м3)	Насип (м3)	Скатен изкоп (м3)	Изкоп за окопи (м3)
			терен	нивелета							
A		0.00	131.05	131.05	2.00		0.00		0.00		
HK1'	8.42	8.42	132.25	132.27	2.00	8.42	0.02		0.08		
CK1'	3.39	11.81	132.80	132.77	2.00	11.81	-0.03	0.06			
KK1'	3.39	15.20	133.32	133.26	2.00	6.78	-0.06	0.31			
1	3.93	19.13	133.83	133.83	2.00	7.32	0.00				
HK1	7.77	26.90	135.25	135.44	2.00	11.70	0.19		1.11		
CK1	2.71	29.61	136.07	136.36	2.00	10.48	0.29		2.52		
KK1	2.71	32.32	137.46	137.42	2.00	5.42	-0.04				
HK2	8.84	41.16	140.28	140.00	2.00	11.55	-0.28	1.85			
CK2	5.21	46.37	141.50	141.50	2.00	14.05	0.00				
KK2	5.21	51.58	144.42	143.15	2.00	10.42	-1.27	6.62			
2	12.55	64.13	146.56	147.12	2.00	17.76	0.56				
HK3	12.55	76.68	150.07	151.09	2.00	25.10	1.02		19.83		
CK3	4.15	80.83	151.67	152.40	2.00	16.70	0.73		14.61		
KK3	4.15	84.98	153.72	153.66	2.00	8.30	-0.06				
3	20.00	104.98	159.09	158.15	2.00	24.15	-0.94	12.08		8.84	4.80
4	20.00	124.98	163.59	162.58	2.00	40.00	-1.01	39.00		10.20	4.80
k1	12.66	137.64	165.59	165.39	2.00	32.66	-0.20	19.76		0.25	3.04
5	17.67	155.31	169.30	169.35	2.00	30.33	0.05				
HK4	17.67	172.98	174.15	174.79	2.00	35.34	0.64		12.19		
CK4	4.41	177.39	174.99	176.15	2.00	22.08	1.16		19.87		
KK4	4.41	181.80	176.11	177.52	2.00	8.82	1.41		11.33		
HK5	5.29	187.09	179.02	179.17	2.00	9.70	0.15		7.57		
CK5	3.30	190.39	180.27	180.19	2.00	8.59	-0.08				
KK5	3.30	193.68	181.42	181.21	2.00	6.59	-0.21	0.96		0.07	0.79
HK6	11.43	205.11	184.83	184.76	2.00	14.73	-0.07	2.06		0.03	2.74
CK6	2.05	207.16	186.11	185.39	2.00	13.48	-0.72	5.32		0.53	0.49
KK6	2.05	209.21	187.32	186.03	2.00	4.10	-1.29	4.12		1.71	0.49
HK7	9.88	219.09	190.37	189.10	2.00	11.93	-1.27	15.27		7.97	2.37
CK7	1.81	220.90	191.06	189.66	2.00	11.69	-1.40	15.60		1.77	0.43
KK7	1.81	222.70	191.78	190.22	2.00	3.61	-1.56	5.34		2.20	0.43
HK8	18.09	240.79	196.98	195.83	2.00	19.90	-1.15	26.96		11.96	4.34
CK8	1.77	242.56	197.24	196.38	2.00	19.86	-0.86	19.95		0.65	0.42
KK8	1.77	244.32	197.53	196.93	2.00	3.53	-0.60	2.58		0.32	0.42
HK9	2.49	246.81	197.98	197.70	2.00	4.26	-0.28	1.87		0.10	0.60
CK9	2.48	249.29	198.59	198.47	2.00	4.97	-0.12	0.99		0.02	0.60
KK9	2.48	251.77	199.24	199.20	2.00	4.96	-0.04	0.40		0.00	0.60
HK10	4.41	256.18	200.73	200.28	2.00	6.89	-0.45	1.69		0.45	1.06
CK10	3.73	259.91	203.24	201.15	2.00	8.14	-2.09	10.34		8.15	0.90
KK10	3.73	263.64	204.65	202.03	2.00	7.46	-2.62	17.57		12.80	0.90
HK11	4.71	268.35	203.91	203.13	2.00	8.44	-0.78	14.35		1.43	1.13
CK11	2.53	270.88	203.89	203.73	2.00	7.24	-0.16	3.40		0.03	0.61
KK11	2.53	273.41	204.43	204.32	2.00	5.06	-0.11	0.68		0.02	0.61
HK12	11.55	284.96	207.31	206.98	2.00	14.08	-0.33	3.10		0.63	2.77
CK12	1.32	286.28	207.52	207.21	2.00	12.87	-0.31	4.12		0.06	0.32
KK12	1.32	287.60	207.65	207.41	2.00	2.64	-0.24	0.73		0.04	0.32
HK13	1.61	289.21	207.70	207.61	2.00	2.93	-0.09	0.48		0.01	0.39
CK13	1.04	290.25	207.74	207.70	2.00	2.65	-0.04	0.17			
KK13	1.04	291.29	207.76	207.78	2.00	2.08	0.02				
HK14	6.94	298.23	207.98	208.12	2.00	7.98	0.14		0.64		
CK14	1.69	299.92	208.13	208.29	2.00	8.63	0.16		1.29		
KK14	1.69	301.60	208.48	208.52	2.00	3.37	0.04		0.34		
k2	10.70	312.30	210.60	210.43	2.00	12.39	-0.17	0.81			
k3	8.36	320.66	210.82	210.90	2.00	19.06	0.08				
HK15	4.40	325.06	211.04	211.21	2.00	12.76	0.17		1.60		
CK15	1.45	326.51	211.11	211.40	2.00	5.85	0.29		1.34		

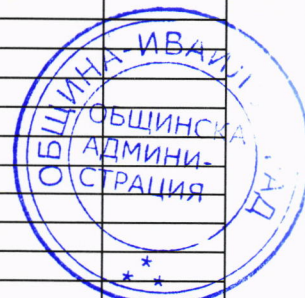




No точка	Разст. м/у точките	Хекто- метраж	Кота ос		Ширина	Квадра- тура	Разлика коти	Изкоп	Насип	Скатен изкоп	Изкоп за окопи
			терен	нивелета							
KK15	1.45	327.95	211.36	211.62	2.00	2.89	0.26		0.79		
HK16	5.83	333.78	212.37	212.92	2.00	7.28	0.55		2.95		
CK16	1.08	334.86	212.54	213.19	2.00	6.91	0.65		4.15		
KK16	1.08	335.94	212.90	213.46	2.00	2.16	0.56		1.31		
HK17	1.90	337.84	213.43	213.93	2.00	2.98	0.50				
CK17	6.16	344.00	215.94	215.47	2.00	8.06	-0.47				
KK17	6.16	350.16	217.00	217.01	2.00	12.32	0.01				
HK18	6.04	356.20	218.64	218.74	2.00	12.20	0.10		0.67		
CK18	1.40	357.60	219.04	219.15	2.00	7.44	0.11		0.78		
KK18	1.40	359.00	219.48	219.55	2.00	2.80	0.07		0.25		
HK19	3.45	362.45	220.52	220.55	2.00	4.85	0.03		0.24		
CK19	1.09	363.54	220.85	220.86	2.00	4.54	0.01		0.09		
KK19	1.09	364.62	221.18	221.17	2.00	2.17	-0.01	0.00		0.00	0.26
k4	2.92	367.54	222.07	222.02	2.00	4.01	-0.05	0.12		0.00	0.70
HK20	10.68	378.22	225.41	225.10	2.00	13.60	-0.31	2.45		0.51	2.56
CK20	1.22	379.44	225.73	225.45	2.00	11.90	-0.28	3.51		0.05	0.29
KK20	1.22	380.66	226.14	225.80	2.00	2.44	-0.34	0.76		0.07	0.29
HK21	18.45	399.11	231.05	231.12	2.00	19.67	0.07	2.66		0.05	4.43
CK21	1.19	400.30	231.36	231.47	2.00	19.64	0.11		1.77		
KK21	1.19	401.48	231.73	231.81	2.00	2.37	0.08		0.23		
HK22	2.85	404.33	232.68	232.63	2.00	4.04	-0.05				
CK22	1.10	405.43	233.05	232.95	2.00	3.95	-0.10	0.30			
KK22	1.10	406.52	233.26	233.26	2.00	2.19	0.00				
HK23	4.88	411.40	234.17	234.66	2.00	5.98	0.49		1.46		
CK23	3.22	414.62	234.82	235.59	2.00	8.10	0.77		5.10		
KK23	3.22	417.84	236.16	236.51	2.00	6.44	0.35		3.61		
6	10.46	428.30	239.51	239.51	2.00	13.68	0.00		2.39		
HK24	10.46	438.76	242.26	242.21	2.00	20.92	-0.05	0.52		0.01	2.51
CK24	2.72	441.48	242.94	242.91	2.00	13.18	-0.03	0.53		0.00	0.65
KK24	2.72	444.20	243.61	243.61	2.00	5.44	0.00			0.00	0.65
k5	16.19	460.39	247.21	247.05	2.00	18.91	-0.16	1.51		0.21	3.89
HK25	6.18	466.57	247.49	247.59	2.00	22.37	0.10				
CK25	4.72	471.29	247.88	247.90	2.00	10.90	0.02		0.65		
KK25	4.72	476.01	248.48	248.47	2.00	9.44	-0.01				
HK26	10.48	486.49	249.77	249.66	2.00	15.20	-0.11	0.91		0.06	2.52
CK26	5.02	491.51	249.73	249.71	2.00	15.50	-0.02	1.01		0.00	1.20
KK26	5.02	496.52	249.66	249.66	2.00	10.03	0.00				
7	8.77	505.29	249.56	249.56	2.00	13.79	0.00				
								252.79	120.77	71.19	56.31

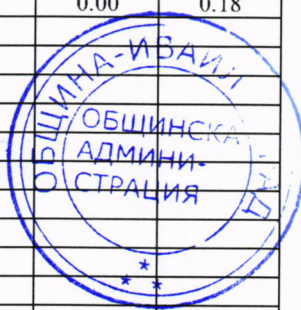
от п.т.8 до п.т.10

No точка	Разст. м/у точките	Хектомет раж	Кота ос		Ширина	Квадратура	Разлика коти	Изкоп	Насип	Скатен изкоп	Изкоп за окопи
			терен	нивелета							
8		0	236.24	236.24	2.00		0.00				
HK27	11.07	11.07	234.48	234.73	2.00	11.07	0.25		1.38		
CK27	1.94	13.005	234.14	234.47	2.00	13.01	0.33		3.77		
KK27	1.94	14.94	233.91	234.21	2.00	3.87	0.30		1.22		
9	12.58	27.52	232.42	232.49	2.00	14.52	0.07		2.69		
HK28	12.58	40.1	230.77	230.78	2.00	25.16	0.01		1.01		
CK28	1.50	41.6	230.57	230.58	2.00	14.08	0.01		0.14		
KK28	1.50	43.1	230.37	230.43	2.00	3.00	0.06		0.11		
HK29	8.62	51.72	229.23	230.05	2.00	10.12	0.82		4.45		
CK29	1.82	53.535	228.99	229.98	2.00	10.44	0.99		9.44		
KK29	1.82	55.35	229.25	229.91	2.00	3.63	0.66		2.99		
HK30	4.98	60.33	229.93	229.73	2.00	6.80	-0.20		1.56		
CK30	1.86	62.185	230.20	229.66	2.00	6.84	-0.54	2.53		0.27	0.45
KK30	1.86	64.04	230.07	229.59	2.00	3.71	-0.48	1.89		0.21	0.45
HK31	4.09	68.13	229.79	229.44	2.00	5.95	-0.35	2.47		0.25	0.98
CK31	1.99	70.12	229.65	229.36	2.00	6.08	-0.29	1.95		0.08	0.48
KK31	1.99	72.11	229.29	229.24	2.00	3.98	-0.05	0.68		0.00	0.48
HK32	6.02	78.13	228.21	228.13	2.00	8.01	-0.08	0.52		0.02	1.44
CK32	1.36	79.49	227.97	227.86	2.00	7.38	-0.11	0.70		0.01	0.33





No точка	Разст. м/у точките	Хекто- метраж	Кота ос		Ширина	Квадра- тура	Разлика коти	Изкоп	Насип	Скатен изкоп	Изкоп за окопи
			терен	нивелета							
KK32	1.36	80.85	227.60	227.57	2.00	2.72	-0.03	0.19	(м3)	(м3)	(м3)
HK33	11.16	92.01	224.57	224.61	2.00	12.52	0.04		0.06	0.00	0.33
CK33	1.17	93.18	224.24	224.30	2.00	12.33	0.06		0.62		
KK33	1.17	94.35	223.98	224.01	2.00	2.34	0.03		0.11		
HK34	14.83	109.18	220.73	221.05	2.00	16.00	0.32		2.80		
CK34	0.95	110.13	220.48	220.86	2.00	15.78	0.38		5.52		
KK34	0.95	111.08	220.67	220.70	2.00	1.90	0.03		0.39		
HK35	5.72	116.8	219.81	219.92	2.00	6.67	0.11		0.47		
CK35	0.76	117.555	219.55	219.82	2.00	6.48	0.27		1.23		
KK35	0.76	118.31	219.50	219.72	2.00	1.51	0.22		0.37		
HK36	2.15	120.46	219.36	219.44	2.00	2.91	0.08		0.44		
CK36	1.16	121.615	219.26	219.27	2.00	3.31	0.01		0.15		
KK36	1.16	122.77	219.13	219.07	2.00	2.31	-0.06	0.06		0.00	0.28
HK37	5.02	127.79	218.23	217.82	2.00	6.18	-0.41	1.45		0.42	1.20
CK37	0.62	128.41	218.08	217.66	2.00	5.64	-0.42	2.34		0.05	0.15
KK37	0.62	129.03	217.91	217.50	2.00	1.24	-0.41	0.51		0.05	0.15
HK38	8.06	137.09	215.44	215.40	2.00	8.68	-0.04	1.95		0.01	1.93
CK38	0.66	137.745	215.22	215.23	2.00	8.72	0.01	0.13		0.00	0.16
KK38	0.66	138.4	215.08	215.08	2.00	1.31	0.00		0.01		
HK39	4.64	143.04	214.07	214.07	2.00	5.30	0.00		0.00		
CK39	0.67	143.71	213.92	213.92	2.00	5.31	0.00		0.00		
KK39	0.67	144.38	213.86	213.77	2.00	1.34	-0.09	0.06		0.00	0.16
HK40	2.45	146.83	213.66	213.24	2.00	3.12	-0.42	0.80		0.22	0.59
CK40	0.92	147.75	213.58	213.04	2.00	3.37	-0.54	1.62		0.13	0.22
KK40	0.92	148.67	213.29	212.84	2.00	1.84	-0.45	0.91		0.09	0.22
HK41	1.79	150.46	212.72	212.45	2.00	2.71	-0.27	0.98		0.07	0.43
CK41	2.76	153.215	211.84	211.85	2.00	4.55	0.01	0.59		0.00	0.66
KK41	2.76	155.97	211.27	211.34	2.00	5.51	0.07		0.22		
HK42	8.48	164.45	209.79	209.76	2.00	11.24	-0.03		0.22		
CK42	1.17	165.615	209.48	209.50	2.00	9.65	0.02	0.05			
KK42	1.17	166.78	209.18	209.21	2.00	2.33	0.03		0.06		
HK43	2.49	169.27	208.57	208.59	2.00	3.66	0.02		0.09		
CK43	1.40	170.665	208.24	208.25	2.00	3.89	0.01		0.06		
KK43	1.40	172.06	207.90	207.90	2.00	2.79	0.00		0.01		
HK44	4.45	176.51	206.61	206.69	2.00	5.85	0.08		0.23		
CK44	1.75	178.26	205.99	206.21	2.00	6.20	0.22		0.93		
KK44	1.75	180.01	205.60	205.73	2.00	3.50	0.13		0.61		
HK45	2.90	182.91	204.94	204.95	2.00	4.65	0.01		0.33		
CK45	1.27	184.175	204.72	204.64	2.00	4.17	-0.08	0.15		0.00	0.30
KK45	1.27	185.44	204.57	204.34	2.00	2.53	-0.23	0.39		0.03	0.30
HK46	3.68	189.12	204.46	203.46	2.00	4.95	-1.00	3.04		1.84	0.88
CK46	0.49	189.61	204.45	203.34	2.00	4.17	-1.11	4.40		0.30	0.12
KK46	0.49	190.1	204.20	203.22	2.00	0.98	-0.98	1.02		0.24	0.12
HK47	3.85	193.95	202.30	202.26	2.00	4.34	-0.04	2.21		0.00	0.92
CK47	0.48	194.43	202.06	202.12	2.00	4.33	0.06		0.04		
KK47	0.48	194.91	201.89	201.98	2.00	0.96	0.09		0.07		
HK48	2.79	197.7	200.91	201.10	2.00	3.27	0.19		0.46		
CK48	0.56	198.255	200.71	200.92	2.00	3.35	0.21		0.67		
KK48	0.56	198.81	200.57	200.74	2.00	1.11	0.17		0.21		
HK49	3.61	202.42	199.58	199.63	2.00	4.17	0.05		0.46		
CK49	0.76	203.18	199.25	199.42	2.00	4.37	0.17		0.48		
KK49	0.76	203.94	198.92	199.23	2.00	1.52	0.31		0.36		
HK50	1.34	205.28	198.44	198.90	2.00	2.10	0.46		0.81		
CK50	1.23	206.51	198.04	198.61	2.00	2.57	0.57		1.32		
KK50	1.23	207.74	197.84	198.32	2.00	2.46	0.48		1.29		
HK51	1.84	209.58	197.64	197.89	2.00	3.07	0.25		1.12		
CK51	2.53	212.11	197.55	197.29	2.00	4.37	-0.26	0.02		0.09	0.61
KK51	2.53	214.64	196.69	196.68	2.00	5.06	-0.01	0.68		0.00	0.61
HK52	5.65	220.29	195.29	195.15	2.00	8.18	-0.14	0.61		0.06	1.36
CK52	0.74	221.025	195.03	194.95	2.00	6.39	-0.08	0.70		0.00	0.18
KK52	0.74	221.76	194.76	194.75	2.00	1.47	-0.01	0.07		0.00	0.18
HK53	1.84	223.6	194.04	194.25	2.00	2.58	0.21		0.26		
CK53	0.44	224.04	193.86	194.13	2.00	2.28	0.27		0.55		
KK53	0.44	224.48	193.79	194.01	2.00	0.88	0.22		0.22		
HK54	0.85	225.33	193.67	193.78	2.00	1.29	0.11		0.21		
CK54	1.77	227.1	193.30	193.30	2.00	2.62	0.00		0.14		
KK54	1.77	228.87	192.80	192.80	2.00	3.54	0.00		0.00		
HK55	3.02	231.89	191.86	191.93	2.00	4.79	0.07		0.17		
CK55	0.63	232.52	191.65	191.75	2.00	3.65	0.10		0.31		
KK55	0.63	233.15	191.42	191.57	2.00	1.26	0.15		0.16		
HK56	1.94	235.09	190.73	191.02	2.00	2.57	0.29		0.57		
CK56	0.66	235.75	190.50	190.83	2.00	2.60	0.33		0.81		





No точка	Разст. м/у точките	Хекто-метраж	Кота ос		Ширина	Квад-тура	Разлика коти	Изкоп	Насип	Скатен изкоп	Изкоп за окопи
			терен	нивелета							
KK56	0.66	236.41	190.33	190.64	2.00	1.32	0.31		0.42		
HK57	1.90	238.31	189.83	190.10	2.00	2.56	0.27		0.74		
CK57	1.48	239.79	189.42	189.67	2.00	3.38	0.25		0.88		
KK57	1.48	241.27	189.03	189.25	2.00	2.96	0.22		0.70		
HK58	2.79	244.06	188.50	188.45	2.00	4.27	-0.05		0.36		
CK58	0.71	244.765	188.36	188.24	2.00	3.50	-0.12	0.29			
KK58	0.71	245.47	188.05	188.00	2.00	1.41	-0.05	0.12			
HK59	5.60	251.07	185.70	185.83	2.00	6.31	0.13		0.25		
CK59	1.29	252.36	185.16	185.32	2.00	6.89	0.16		1.00		
KK59	1.29	253.65	184.65	184.81	2.00	2.58	0.16		0.41		
HK60	2.97	256.62	183.63	183.73	2.00	4.26	0.10		0.55		
CK60	1.42	258.035	183.51	183.62	2.00	4.39	0.11		0.46		
KK60	1.42	259.45	183.47	183.61	2.00	2.83	0.14		0.35		
HK61	5.50	264.95	183.57	183.59	2.00	6.92	0.02		0.55		
CK61	1.08	266.025	183.62	183.63	2.00	6.58	0.01		0.10		
KK61	1.08	267.1	183.69	183.68	2.00	2.15	-0.01		0.00		
HK62	5.74	272.84	183.96	184.03	2.00	6.82	0.07		0.20		
CK62	6.60	279.435	185.58	185.54	2.00	12.34	-0.04		0.19		
KK62	6.60	286.03	186.44	186.38	2.00	13.19	-0.06	0.66			
10	1.32	287.35	186.54	186.54	2.00	7.92	0.00	0.24			
								36.98	61.55	4.46	16.65
ОБЩА РЕКАПИТУЛАЦИ								289.76	182.31	75.65	72.96
								площадка п.т.8	23.00		
									205.31		
								земни	скални		
								основно трасе	144.88	144.88	
								скатен изкоп	37.82	37.82	
								изкоп за окопи	0.00	0.00	
								изкоп за оформяне на площадки	20.00	10.00	
ОБЩО:								202.70	192.70		

КАРА НА ИНЖЕНЕРИТЕ В ИНВЕСТИЦИОННОТО ПРОЕКТИРАНЕ

**НИИП**

ПЪЛНА ПРОЕКТАНТСКА ПРАВОСПОСОБНОСТ

Регистрационен № 09115

инж. МАРИЯ ИЛИЕВА ХРИСТОВА

Съставил: Подпис (инж. М. Христова)

ВАЖИ С ВАЛИДНО УДОСТОВЕРЕНИЕ ЗА НИИП ЗА ТЕКУЩАТА ГОДИНА

Функция: ТСТС

Част от проекта: по удостоверение на ПП





Обект: Туристическа пътека от село Ламбух до главен път „№ III-597 Любимец – Ивайловград“, преминаваща през местността Аязмото

Туристическа пътека от село Ламбух до главен път „№ III-597 Любимец – Ивайловград“, преминаваща през местността Аязмото

Възложител: Община Ивайловград

**ТАБЛИЦА**  
**ЗА ЕЛЕМЕНТИТЕ НА ХОРИЗОНТАЛНИТЕ КРИВИ**

№ на крива	R, m	$\alpha$ , °	$\beta$ , °	T, m	B, m	D, m
1	2	3	4	5	6	7
1'	5.00	77.68	102.32	4.03	1.42	6.78
1	20.00	15.51	164.49	2.72	0.18	5.41
2	60.00	9.95	170.05	5.22	0.23	10.42
3	20.00	23.77	156.23	4.21	0.44	8.30
k1			179.22			
4	6.00	84.24	95.76	5.43	2.09	8.82
5	60.00	6.29	173.71	3.30	0.09	6.59
6	4.00	58.70	121.30	2.25	0.59	4.10
7	4.00	51.64	128.36	1.94	0.44	3.61
8	4.00	50.61	129.39	1.89	0.42	3.53
9	4.00	71.00	109.00	2.85	0.91	4.96
10	6.00	71.20	108.80	4.30	1.38	7.46
11	4.00	72.53	107.47	2.93	0.96	5.06
12	2.00	75.56	104.44	1.55	0.53	2.64
13	6.00	19.87	160.13	1.05	0.09	2.08
14	6.00	32.16	147.84	1.73	0.24	3.37
k2			172.27			
k3			170.30			
15	8.00	20.67	159.33	1.46	0.13	2.89
16	2.00	61.87	118.13	1.20	0.33	2.16
17	12.00	58.81	121.19	6.76	1.77	12.32
18	4.00	40.09	139.91	1.46	0.26	2.80
19	6.00	20.69	159.31	1.10	0.10	2.17
k4			167.29			
20	8.00	17.46	162.54	1.23	0.09	2.44
21	4.00	33.99	146.01	1.22	0.18	2.37
22	4.00	31.42	148.58	1.13	0.16	2.19
23	6.00	61.48	118.52	3.57	0.98	6.44
24	20.00	15.59	164.41	2.74	0.19	5.44
k5			174.01			
25	12.00	45.07	134.93	4.98	0.99	9.44
26	12.00	47.88	132.12	5.33	1.13	10.03
27	20.00	11.10	168.90	1.94	0.09	3.87
28	20.00	8.59	171.41	1.50	0.06	3.00
29	10.00	20.99	159.01	1.85	0.17	3.66
30	10.00	21.28	158.72	1.88	0.17	3.71
31	20.00	11.41	168.59	2.00	0.10	3.98
32	30.00	5.19	174.81	1.36	0.03	2.72
33	4.00	33.52	146.48	1.20	0.18	2.34
34	1.00	109.07	70.93	1.40	0.72	1.90
35	2.00	43.18	136.82	0.79	0.15	1.51
36	10.00	13.24	166.76	1.16	0.07	2.31
37	2.00	35.39	144.61	0.64	0.10	1.24
38	2.00	37.57	142.43	0.68	0.11	1.31
39	5.00	15.41	164.59	0.68	0.05	1.34
40	5.00	21.04	158.96	0.93	0.09	1.84
41	2.30	137.29	42.71	5.88	4.02	5.51
42	3.00	44.55	135.45	1.23	0.24	2.33
43	3.00	53.30	126.70	1.51	0.36	2.79
44	30.00	6.68	173.32	1.75	0.05	3.50
45	1.20	120.91	59.09	2.12	1.23	2.53





№ на крива	R, m	$\alpha, ^\circ$	$\beta, ^\circ$	T, m	B, m	D, m
1	2	3	4	5	6	7
46	2.00	27.95	152.05	0.50	0.06	0.98
47	2.00	27.51	152.49	0.49	0.06	0.96
48	2.00	31.70	148.30	0.57	0.08	1.11
49	1.00	86.83	93.17	0.95	0.38	1.52
50	1.00	140.89	39.11	2.82	1.99	2.46
51	1.55	187.18	-7.18	-24.71	-26.30	5.06
52	5.00	16.85	163.15	0.74	0.05	1.47
53	1.00	50.45	129.55	0.47	0.11	0.88
54	1.35	150.35	29.65	5.10	3.93	3.54
55	2.00	35.98	144.02	0.65	0.10	1.26
56	10.00	7.57	172.43	0.66	0.02	1.32
57	3.00	56.62	123.38	1.62	0.41	2.96
58	2.00	40.44	139.56	0.74	0.13	1.41
59	20.00	7.40	172.60	1.29	0.04	2.58
60	2.00	81.09	98.91	1.71	0.63	2.83
61	2.00	61.73	118.27	1.20	0.33	2.15
62	20.00	37.78	142.22	6.84	1.14	13.19


**НАИИП**

СЕКЦИЯ: **ТСТС**

асти на проект: **СЪСТАВИЛ:**

удостоверение за ППП: **инж. МАРИЯ ИЛИЕВА ХРИСТОВА**

Регистрационен № **09115**

ВАЖИ С ВАЛИДНО УДОСТОВЕРЕНИЕ ЗА ТИП ЗА ТЕКУЩАТА ГОДИНА

