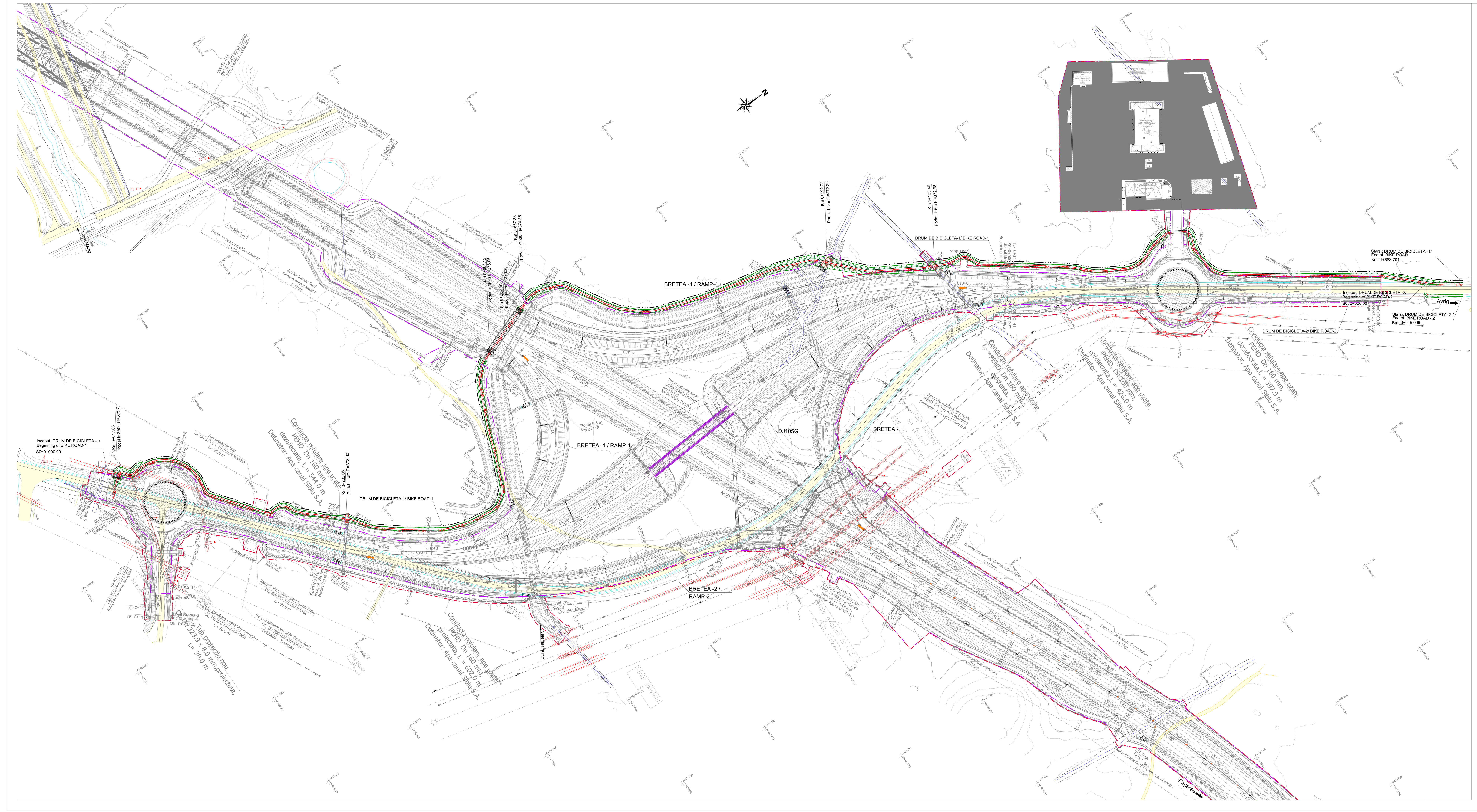
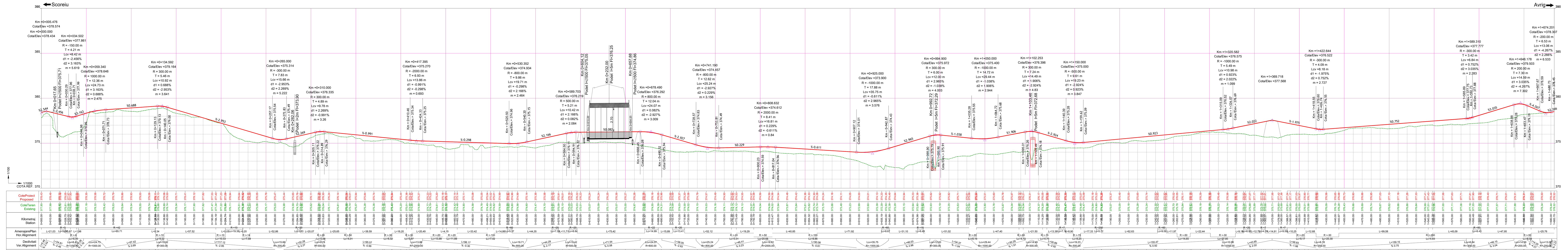
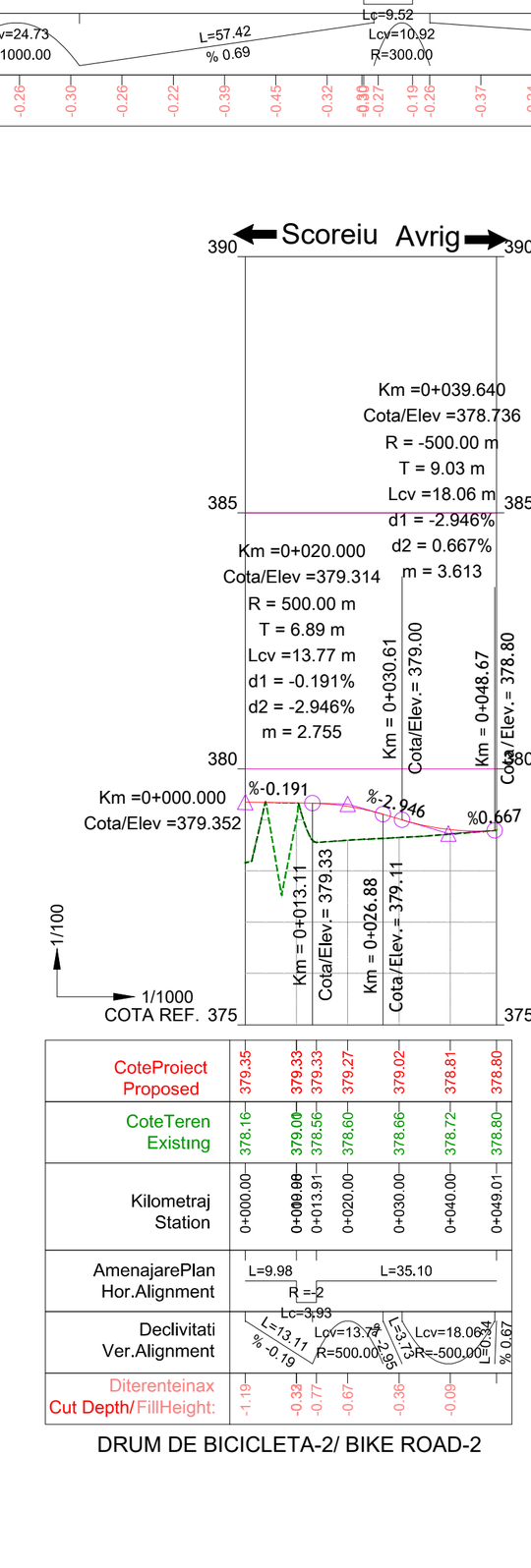






INFORMAȚII DESPRE AXA ORIZONTALĂ / INFORMATION ABOUT THE HORIZONTAL AXIS:
AVRIK DRUM DE BICICLETA-1 / BIKE ROAD-1

punct / point	Kilometru/ Kilometer	Nord/ North	Orientul/ East	angle (g)	Informații / Information
S0	0+000.00	467279.182	450634.732	354.7508	Aliynman
TO	0+021.03	467295.117	450621.014	354.7508	L=21.027
TO- 1 S - 1 TF- 1	0+021.03 0+026.75	467295.117 467297.944 467300.193	450621.014 450618.580 450621.556	354.7508 58.8045	Kurba R=3.500 D=104.0537 (dreaptă) T=3.730 L=5.721
TF	0+026.75	467300.193	450621.556	58.8045	Aliynman
TO	0+032.42	467303.611	450626.080	58.8045	L=5.670
TO- 2 S - 2 TF- 2	0+032.42 0+039.12	467303.611 467305.871 467309.550	450626.080 450629.071 450628.351	58.8045 387.7068	Kurba R=6.000 D=71.0976 (stânga) T=3.748 L=6.701
TF	0+039.12	467309.550	450628.351	387.7068	Aliynman
TO	0+041.09	467311.489	450627.972	387.7068	L=1.976
TO- 3 S - 3 TF- 3	0+041.09 0+126.80	467311.489 467378.646 467359.951	450627.972 450614.841 450680.666	387.7068 117.6169	Kurba R=42.000 D=129.9101 (dreaptă) T=68.429 L=85.706
TF	0+126.80	467359.951	450680.666	117.6169	Aliynman
TO	0+127.14	467359.857	450680.996	117.6169	L=0.342
TO- 4 S - 4 TF- 4	0+127.14 0+136.66	467359.857 467358.448 467361.672	450680.996 450685.956 450689.980	117.6169 57.0028	Kurba R=10.000 D=60.6141 (stânga) T=5.156 L=9.521
TF	0+136.66	467361.672	450689.980	57.0028	Aliynman
TO	0+194.18	467397.631	450734.868	57.0028	L=57.515
TO- 5 S - 5 TF- 5	0+194.18 0+204.71	467397.631 467401.308 467407.055	450734.868 450739.458 450738.213	57.0028 386.4291	Kurba R=9.500 D=70.5737 (stânga) T=5.881 L=10.531

INFORMAȚII DESPRE AXA ORIZONTALĂ / INFORMATION ABOUT THE HORIZONTAL AXIS:
AVRIK DRUM DE BICICLETA-1 / BIKE ROAD-1

punct / point	Kilometru/ Kilometer	Nord/ North	Orientul/ East	unghi / angle (g)	Informații / Information
TF	0+204.71	467407.055	450738.213	386.4291	Aliynman
TO	0+204.74	467407.085	450738.207	386.4291	L=0.030
TO- 6 S - 6 TF- 6	0+204.74 0+224.09	467407.085 467418.789 467422.273	450738.207 450735.674 450747.131	386.4291 81.2091	Kurba R=13.000 D=94.7799 (dreaptă) T=11.975 L=19.354
TF	0+224.09	467422.273	450747.131	81.2091	Aliynman
TO	0+224.30	467422.332	450747.327	81.2091	L=0.205
TO- 7 S - 7 TF- 7	0+224.30 0+231.98	467422.332 467423.479 467426.425	450747.327 450751.098 450753.717	81.2091 46.2648	Kurba R=14.000 D=34.9443 (stânga) T=3.942 L=7.685
TF	0+231.98	467426.425	450753.717	46.2648	Aliynman
TO	0+284.85	467465.932	450788.841	46.2648	L=52.863
TO- 8 S - 8 TF- 8	0+284.85 0+288.48	467465.932 467467.292 467468.412	450788.841 450790.050 450791.485	46.2648 57.8209	Kurba R=20.000 D=11.5561 (dreaptă) T=1.820 L=3.630
TF	0+288.48	467468.412	450791.485	57.8209	Aliynman
TO	0+308.55	467480.758	450807.310	57.8209	L=20.071
TO- 9 S - 9 TF- 9	0+308.55 0+313.63	467480.758 467482.330 467484.359	450807.310 450809.325 450810.880	57.8209 41.6374	Kurba R=20.000 D=16.1835 (stânga) T=2.556 L=5.084
TF	0+313.63	467484.359	450810.880	41.6374	Aliynman
TO	0+339.28	467504.713	450826.483	41.6374	L=25.647
TO- 10 S - 10 TF- 10	0+339.28 0+343.29	467504.713 467506.305 467507.989	450826.483 450827.704 450828.792	41.6374 36.5329	Kurba R=50.000 D=5.1045 (stânga) T=2.006 L=4.009

INFORMAȚII DESPRE AXA ORIZONTALĂ / INFORMATION ABOUT THE HORIZONTAL AXIS:
AVRIK DRUM DE BICICLETA-1 / BIKE ROAD-1

punct / point	Kilometru/ Kilometer	Nord/ North	Orientul/ East	unghi / angle (g)	Informații / Information
TF	0+343.29	467507.989	450828.792	36.5329	Aliynman
TO	0+381.88	467540.397	450849.741	36.5329	L=38.589
TO- 11 S - 11 TF- 11	0+381.88 0+390.20	467540.397 467543.914 467547.920	450849.741 450852.015 450853.238	36.5329 18.8708	Kurba R=30.000 D=17.6621 (stânga) T=4.188 L=8.323
TF	0+390.20	467547.920	450853.238	18.8708	Aliynman
TO	0+406.40	467563.411	450857.970	18.8708	L=16.197
TO- 12 S - 12 TF- 12	0+406.40 0+412.26	467563.411 467566.225 467569.154	450857.970 450858.829 450859.126	18.8708 6.4195	Kurba R=30.000 D=12.4513 (stânga) T=2.943 L=5.868
TF	0+412.26	467569.154	450859.126	6.4195	Aliynman
TO	0+432.76	467589.541	450861.188	6.4195	L=20.492
TO- 13 S - 13 TF- 13	0+432.76 0+446.75	467589.541 467596.800 467602.827	450861.188 450861.923 450857.811	6.4195 361.8820	Kurba R=20.000 D=44.5375 (stânga) T=7.296 L=13.992
TF	0+446.75	467602.827	450857.811	361.8820	Aliynman
TO	0+450.90	467606.255	450855.472	361.8820	L=4.150
TO- 14 S - 14 TF- 14	0+450.90 0+462.79	467606.255 467611.318 467613.576	450855.472 450852.017 450846.320	361.8820 324.0208	Kurba R=20.000 D=37.8611 (stânga) T=6.129 L=11.894
TF	0+462.79	467613.576	450846.320	324.0208	Aliynman
TO	0+496.21	467625.887	450815.255	324.0208	L=33.415
TO- 15 S - 15 TF- 15	0+496.21 0+503.63	467625.887 467627.255 467628.362	450815.255 450811.804 450808.262	324.0208 319.2973	Kurba R=100.000 D=4.7236 (stânga) T=3.712 L=7.420

INFORMAȚII DESPRE AXA ORIZONTALĂ / INFORMATION ABOUT THE HORIZONTAL AXIS:
AVRIK DRUM DE BICICLETA-1 / BIKE ROAD-1

punct / point	Kilometru/ Kilometer	Nord/ North	Orientul/ East	unghi / angle (g)	Informații / Information
TF	0+503.63	467628.362	450808.262	319.2973	Aliynman
TO	0+518.49	467632.798	450794.080	319.2973	L=14.860
TO- 16 S - 16 TF- 16	0+518.49 0+523.86	467632.798 467633.600 467634.627	450794.080 450791.517 450789.036	319.2973 324.9921	Kurba R=60.000 D=5.6948 (dreaptă) T=2.685 L=5.367
TF	0+523.86	467634.627	450789.036	324.9921	Aliynman
TO	0+568.20	467651.594	450748.060	324.9921	L=44.349
TO- 17 S - 17 TF- 17	0+568.20 0+575.59	467651.594 467653.023 467655.603	450748.060 450744.607 450741.904	324.9921 348.5125	Kurba R=20.000 D=23.5204 (dreaptă) T=3.737 L=7.389
TF	0+575.59	467655.603	450741.904	348.5125	Aliynman
TO	0+587.31	467663.691	450733.429	348.5125	L=11.714
TO- 18 S - 18 TF- 18	0+587.31 0+596.15	467663.691 467666.793 467670.986	450733.429 450730.179 450728.568	348.5125 376.6468	Kurba R=20.000 D=28.1343 (dreaptă) T=4.493 L=8.839
TF	0+596.15	467670.986	450728.568	376.6468	Aliynman
TO	0+671.57	467741.390	450701.517	376.6468	L=75.421
TO- 19 S - 19 TF- 19	0+671.57 0+686.55	467741.390 467748.674 467756.079	450701.517 450698.718 450701.178	376.6468 20.4129	Kurba R=21.800 D=43.7662 (dreaptă) T=7.803 L=14.987
TF	0+686.55	467756.079	450701.178	20.4129	Aliynman
TO	0+702.45	467771.164	450706.188	20.4129	L=15.895
TO- 20 S - 20 TF- 20	0+702.45 0+715.86	467771.164 467777.777 467781.593	450706.188 450708.384 450714.214	20.4129 63.0984	Kurba R=20.000 D=42.6855 (dreaptă) T=6.968 L=13.410

INFORMAȚII DESPRE AXA ORIZONTALĂ / INFORMATION ABOUT THE HORIZONTAL AXIS:
AVRIK DRUM DE BICICLETA-1 / BIKE ROAD-1

punct / point	Kilometru/ Kilometer	Nord/ North	Orientul/ East	unghi / angle (g)	Informații / Information
TF	0+715.86	467781.593	450714.214	63.0984	Aliynman
TO	0+767.98	467810.141	450757.821	63.0984	L=52.121
TO- 21 S - 21 TF- 21	0+767.98 0+773.49	467810.141 467811.661 467813.754	450757.821 450760.141 450761.961	63.0984 45.5534	Kurba R=20.000 D=17.5450 (stânga) T=2.774 L=5.512
TF	0+773.49	467813.754	450761.961	45.5534	Aliynman
TO	0+792.78	467828.314	450774.617	45.5534	L=19.292
TO- 22 S - 22 TF- 22	0+792.78 0+813.47	467828.314 467836.233 467846.250	450774.617 450781.500 450784.620	45.5534 19.2178	Kurba R=50.000 D=26.3357 (stânga) T=10.492 L=20.684
TF	0+813.47	467846.250	450784.620	19.2178	Aliynman
TO	0+854.32	467885.251	450796.764	19.2178	L=40.847
TO- 23 S - 23 TF- 23	0+854.32 0+863.27	467885.251 467889.530 467893.911	450796.764 450798.096 450799.041	19.2178 13.5150	Kurba R=100.000 D=5.7028 (stânga) T=4.482 L=8.958
TF	0+863.27	467893.911	450799.041	13.5150	Aliynman
TO	0+935.19	467964.213	450814.194	13.5150	L=71.916
TO- 24 S - 24 TF- 24	0+935.19 0+943.86	467964.213 467968.459 467972.530	450814.194 450815.109 450816.626	13.5150 22.7174	Kurba R=60.000 D=9.2024 (dreaptă) T=4.344 L=8.673
TF	0+943.86	467972.530	450816.626	22.7174	Aliynman
TO	0+974.96	468001.666	450827.489	22.7174	L=31.095
TO- 25 S - 25 TF- 25	0+974.96 0+981.45	468001.666 468004.754 468007.075	450827.489 450828.640 450830.980	22.7174 50.2553	Kurba R=15.000 D=27.5380 (dreaptă) T=3.296 L=6.488

INFORMAȚII DESPRE AXA ORIZONTALĂ / INFORMATION ABOUT THE HORIZONTAL AXIS:
AVRIK DRUM DE BICICLETA-1 / BIKE ROAD-1

punct /	Kilometru/	Nord/	Orientul/	unghi /	Informații /
TF	0+981.45	468007.075	450830.980	50.2553	Aliynman
TO	1+032.47	468043.008	450867.201	50.2553	L=51.021
TO- 26 S - 26 TF- 26	1+032.47 1+040.63	468043.008 468045.899 468049.467	450867.201 450870.116 450872.147	50.2553 32.9388	Kurba R=30.000 D=17.3165 (stânga) T=4.105 L=8.160
TF	1+040.63	468049.467	450872.147	32.9388	Aliynman
TO	1+088.02	468090.661	450895.591	32.9388	L=47.398
TO- 27 S - 27 TF- 27	1+088.02 1+092.75	468090.661 468092.714 468094.852	450895.591 450896.759 450897.762	32.9388 27.9292	Kurba R=60.000 D=5.0096 (stânga) T=2.362 L=4.721
TF	1+092.75	468094.852	450897.762	27.9292	Aliynman
TO	1+114.25	468114.319	450906.896	27.9292	L=21.504
TO- 28 S - 28 TF- 28	1+114.25 1+119.00	468114.319 468116.489 468118.868	450906.896 450907.914 450908.206	27.9292 7.7553	Kurba R=15.000 D=20.1739 (stânga) T=2.397 L=4.753
TF	1+119.00	468118.868	450908.206	7.7553	Aliynman
TO	1+132.38	468132.145	450909.831	7.7553	L=13.376
TO- 29 S - 29 TF- 29	1+132.38 1+139.52	468132.145 468136.032 468137.660	450909.831 450910.307 450913.868	7.7553 72.6982	Kurba R=7.000 D=64.9429 (dreaptă) T=3.916 L=7.141
TF	1+139.52	468137.660	450913.868	72.6982	Aliynman
TO	1+148.42	468141.359	450921.959	72.6982	L=8.896
TO- 30 S - 30 TF- 30	1+148.42 1+156.66	468141.359 468143.119 468146.630	450921.959 450925.807 450928.168	72.6982 37.6930	Kurba R=15.000 D=35.0052 (stânga) T=4.231 L=8.248

INFORMAȚII DESPRE AXA ORIZONTALĂ / INFORMATION ABOUT THE HORIZONTAL AXIS:
AVRIK DRUM DE BICICLETA-1 / BIKE ROAD-1

punct / point	Kilometru/ Kilometer	Nord/ North	Orientul/ East	unghi / angle (g)	Informații / Information
TF	1+156.66	468146.630	450928.168	37.6930	Aliynman
TO	1+174.00	468161.014	450937.842	37.6930	L=17.335
TO- 31 S - 31 TF- 31	1+174.00 1+179.72	468161.014 468163.388 468165.716	450937.842 450939.439 450941.104	37.6930 39.5146	Kurba R=200.000 D=1.8215 (dreaptă) T=2.861 L=5.723
TF	1+179.72	468165.716	450941.104	39.5146	Aliynman
TO	1+242.35	468216.662	450977.528	39.5146	L=62.628
TO- 32 S - 32 TF- 32	1+242.35 1+251.94	468216.662 468220.572 468223.987	450977.528 450980.324 450983.706	39.5146 49.6921	Kurba R=60.000 D=10.1775 (dreaptă) T=4.806 L=9.592
TF	1+251.94	468223.987	450983.706	49.6921	Aliynman
TO	1+263.91	468232.493	450992.129	49.6921	L=11.971
TO- 33 S - 33 TF- 33	1+263.91 1+278.56	468232.493 468237.734 468244.251	450992.129 450997.320 451000.776	49.6921 31.0423	Kurba R=50.000 D=18.6498 (stânga) T=7.377 L=14.647
TF	1+278.56	468244.251	451000.776	31.0423	Aliynman
TO	1+301.00	468264.076	451011.290	31.0423	L=22.440
TO- 34 S - 34 TF- 34	1+301.00 1+328.85	468264.076 468277.345 468290.930	451011.290 451018.327 451011.919	31.0423 371.9405	Kurba R=30.000 D=59.1018 (stânga) T=15.020 L=27.851
TF	1+328.85	468290.930	451011.919	371.9405	Aliynman
TO	1+338.03	468299.230	451008.004	371.9405	L=9.177
TO- 35 S - 35 TF- 35	1+338.03 1+344.95	468299.230 468302.392 468305.873	451008.004 451006.512 451006.182	371.9405 393.9773	Kurba R=20.000 D=22.0368 (dreaptă) T=3.497 L=6.923

INFORMAȚII DESPRE AXA ORIZONTALĂ / INFORMATION ABOUT THE HORIZONTAL AXIS:
AVRIK DRUM DE BICICLETA-1 / BIKE ROAD-1

punct / point	Kilometru/ Kilometer	Nord/ North	Orientul/ East	unghi / angle (g)	Informații / Information
TF	1+344.95	468305.873	451006.182	393.9773	Aliynman
TO	1+357.68	468318.541	451004.980	393.9773	L=12.725
TO- 36 S - 36 TF- 36	1+357.68 1+362.07	468318.541 468320.801 468322.757	451004.980 451004.765 451005.918	393.9773 33.9094	Kurba R=7.000 D=39.9321 (dreaptă) T=2.270 L=4.391
TF	1+362.07	468322.757	451005.918	33.9094	Aliynman
TO	1+376.98	468335.601	451013.490	33.9094	L=14.910
TO- 37 S - 37 TF- 37	1+376.98 1+386.57	468335.601 468340.527 468338.665	451013.490 451016.394 451021.800	33.9094 121.1155	Kurba R=7.000 D=87.2061 (dreaptă) T=5.718 L=9.589
TF	1+386.57	468338.665	451021.800	121.1155	Aliynman
TO	1+396.81	468335.328	451031.490	121.1155	L=10.249
TO- 38 S - 38 TF- 38	1+396.81 1+405.99	468335.328 468333.807 468334.399	451031.490 451035.904 451040.535	121.1155 91.9164	Kurba R=20.000 D=29.1991 (stânga) T=4.669 L=9.173
TF	1+405.99	468334.399	451040.535	91.9164	Aliynman
TO	1+418.67	468336.004	451053.113	91.9164	L=12.680
TO- 39 S - 39 TF- 39	1+418.67 1+443.97	468336.004 468337.709 468348.813	451053.113 451066.463 451074.067	91.9164 38.2237	Kurba R=30.000 D=53.6927 (stânga) T=13.458 L=25.302
TF	1+443.97	468348.813	451074.067	38.2237	Aliynman
TO	1+543.55	468430.980	451130.331	38.2237	L=99.584
TO- 40 S - 40 TF- 40	1+543.55 1+548.38	468430.980 468432.972 468434.997	451130.331 451131.695 451133.010	38.2237 36.6867	Kurba R=200.000 D=1.5370 (stânga) T=2.414 L=4.829

INFORMAȚII DESPRE AXA ORIZONTALĂ / INFORMATION ABOUT THE HORIZONTAL AXIS:
AVRIK DRUM DE BICICLETA-1 / BIKE ROAD-1

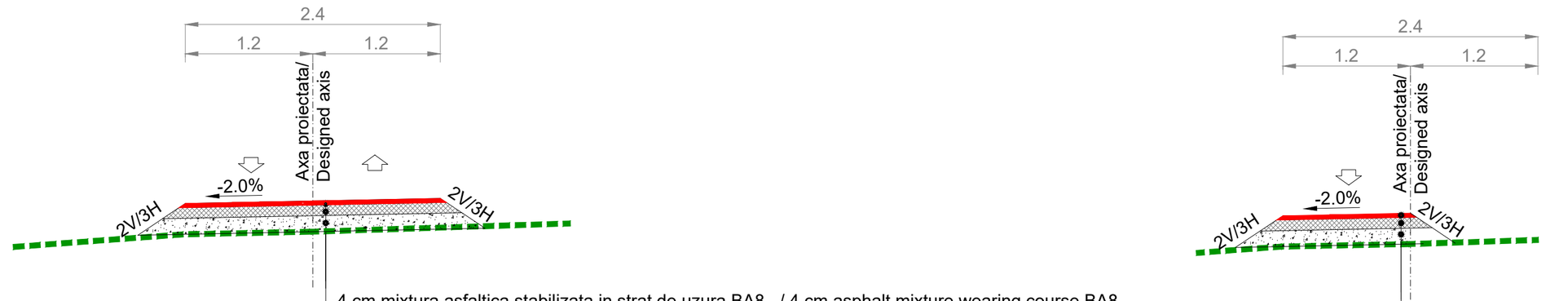
punct / point	Kilometru/ Kilometer	Nord/ North	Orientul/ East	unghi / angle (g)	Informații / Information
TF	1+548.38	468434.997	451133.010	36.6867	Aliynman
TO	1+593.48	468472.807	451157.582	36.6867	L=45.093
TO- 41 S - 41 TF- 41	1+593.48 1+601.91	468472.807 468476.352 468479.459	451157.582 451159.885 451162.751	36.6867 47.4255	Kurba R=50.000 D=10.7388 (dreaptă) T=4.227 L=8.434
TF	1+601.91	468479.459	451162.751	47.4255	Aliynman
TO	1+649.86	468514.710	451195.260	47.4255	L=47.953
TO- 42 S - 42 TF- 42	1+649.86 1+657.94	468514.710 468517.686 468521.064	451195.260 451198.005 451200.234	47.4255 37.1397	Kurba R=50.000 D=10.2858 (stânga) T=4.048 L=8.078
TF	1+657.94	468521.064	451200.234	37.1397	Aliynman
SE	1+683.70	468542.564	451214.424	37.1397	L=25.760

INFORMAȚII DESPRE AXA ORIZONTALĂ / INFORMATION ABOUT THE HORIZONTAL AXIS:
AVRIK DRUM DE BICICLETA-2 / BIKE ROAD-2

punct / point	Kilometru/ Kilometer	Nord/ North	Orientul/ East	unghi / angle (g)	Informații / Information
S0	0+000.00	468511.899	451192.668	137.2449	Aliynman
TO	0+009.98	468506.387	451200.990	137.2449	L=9.982
TO- 1 S - 1 TF- 1	0+009.98 0+013.91	468506.387 468505.007 468507.089	451200.990 451203.073 451204.454	137.2449 37.2792	Kurba R=2.500 D=99.9657 (stânga) T=2.499 L=3.926
TF	0+013.91	468507.089	451204.454	37.2792	Aliynman
SE	0+049.01	468536.343	451223.854	37.2792	L=35.102

DRUM DE BICICLETA-1 / BIKE ROAD-1
PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION

DRUM DE BICICLETA-2 / BIKE ROAD-2
PROFIL TRANSVERSAL TIP / TYPICAL CROSS SECTION



BIKE ROAD-1:
-4 cm mixtura asfaltica stabilizata in strat de uzura BA8 / 4 cm asphalt mixture wearing course BA8
-10 cm beton C16/20 / 10 cm concrete C16/20
-15 cm balast in strat de fundatie / 15 cm ballast foundation;

BIKE ROAD-2:
-4 cm mixtura asfaltica stabilizata in strat de uzura BA8 / 4 cm asphalt mixture wearing course BA8
-10 cm beton C16/20 / 10 cm concrete C16/20
-15 cm balast in strat de fundatie / 15 cm ballast foundation;

Autoritatea contractanta	Antreprenor	Proiectant	SPECIFICATE:	NUME:	SEMNATURA:
COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE	MAKYOL İNŞAAT SANAYİ TURİZM VE TİCARET A.Ş.	MEGA MÜHENDİSLİK MÜŞAVİRLİK A.Ş.	Sef echipa proiectare	Sabri Özgür SİPAHİ	
			Inginer proiectare drumuri	İnci ACICAN	
			Inginer proiectare drumuri	Ömer BEŞPARMAK	
			Verificat	Evren GÜNEŞOĞLU	
			Contract nr.: 128720/2023	Faza: PTE	

PROIECTARE SI EXECUTIE
"Autostrada SIBIU – FAGARAS TRONSONUL: 2
Avrig-Marsa (DJ105G) – Arpasu de Jos (DN1)"

NOD RUTIER AVRIG / AVRIG INTERCHANGE
PLAN DE SITUATIE / LAYOUT PLAN
DRUM DE BICICLETA / BIKE ROAD

Scara: 1/1000

Rev.	Data	Detalii
0	07 /2025	Predare initiala

Data: 07 /2025 | Plansa nr.: 128720-PTE-DRU-PS-500-R0