ОБЕКТ: Система за споделени велосипеди – алтернатива на публичния транспорт, град Силистра

ТРАНСФОРМАЦИОННИ ПАРАМЕТРИ

Project Information		Coordinate System	
Name:	K:\My Documents\GPS\Tramsformacii\Silistra.vce	Name:	Default
Size:	105 KB	Datum:	WGS 1984
Modified:	01.10.2018 16:11:49	Zone:	Default
Reference number:		Geoid:	
Description:		Vertical datum:	

Site Calibration Report

Horizontal Calibration Parameters

Translation east:	12.676 m
Translation north:	7.157 m
Rotation:	-0°40'23"
Origin easting:	9582449.630 m
Origin northing:	4783790.266 m
Scale factor:	1.0000473551

Vertical Calibration Parameters

Vertical shift at origin:	-36.535 m
Slope east:	11.733 ppm
Slope north:	41.241 ppm
Origin easting:	9575608.937 m
Origin northing:	4784372.947 m

Residual Differences Between GPS And Known Coordinates

Summary

	Maximum residual	Root Mean Square residual	Point
Horizontal	0.027 m	0.015 m	112
Vertical	-0.005 m	0.003 m	278
Three-dimensional	0.027 m	0.015 m	112

Point Residuals

Residuals sign: Calculated-Control!

GNSS Point		Calculated Point		Grid Point	
Point	112	**Point**	112	**Point**	gt112

ПРИЛОЖЕНИЕ 1

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ТРАНСФОРМАЦИОННИ ПАРАМЕТРИ

Latitude	N44°06'13.18310"	**Easting**	9575608.937 m	**Easting**	9575608.930 m
Longitude	E27°07'45.94765"	**Northing**	4784372.947 m	**Northing**	4784372.921 m
Height	63.853 m	**Elevation**	27.318 m	**Elevation**	27.321 m
		Horiz. residual	0.027 m	**Type**	Horz and Vert
		Vert. residual	-0.003 m		
		3D residual	0.027 m		
Point	116	**Point**	116	**Point**	gt116
Latitude	N44°06'30.55278"	**Easting**	9579447.314 m	**Easting**	9579447.307 m
Longitude	E27°10'38.80820"	**Northing**	4784951.707 m	**Northing**	4784951.708 m
Height	48.605 m	**Elevation**	12.139 m	**Elevation**	12.137 m
		Horiz. residual	0.007 m	**Type**	Horz and Vert
		Vert. residual	0.002 m		
		3D residual	0.007 m		
Point	7212	**Point**	7212	**Point**	dt7212
Latitude	N44°05'28.49905"	**Easting**	9578894.207 m	**Easting**	9578894.208 m
Longitude	E27°10'12.96350"	**Northing**	4783029.927 m	**Northing**	4783029.926 m
Height	159.609 m	**Elevation**	123.057 m	**Elevation**	123.056 m
		Horiz. residual	0.002 m	**Type**	Horz and Vert
		Vert. residual	0.001 m		
		3D residual	0.002 m		
Point	274	**Point**	274	**Point**	gt274
Latitude	N44°06'27.00735"	**Easting**	9581841.809 m	**Easting**	9581841.805 m
Longitude	E27°12'26.42416"	**Northing**	4784869.963 m	**Northing**	4784869.970 m
Height	56.453 m	**Elevation**	20.012 m	**Elevation**	20.009 m
		Horiz. residual	0.008 m	**Type**	Horz and Vert
		Vert. residual	0.003 m		
		3D residual	0.009 m		
Point	7236	**Point**	7236	**Point**	dt7236
Latitude	N44°03'39.30826"	**Easting**	9581255.601 m	**Easting**	9581255.604 m
Longitude	E27°11'57.35268"	**Northing**	4779686.477 m	**Northing**	4779686.496 m
Height	162.758 m	**Elevation**	126.096 m	**Elevation**	126.101 m
		Horiz. residual	0.019 m	**Type**	Horz and Vert
		Vert. residual	-0.005 m		
		3D residual	0.020 m		
Point	271	**Point**	271	**Point**	gt271
Latitude	N44°05'15.75939"	**Easting**	9583369.531 m	**Easting**	9583369.526 m
Longitude	E27°13'33.93633"	**Northing**	4782688.756 m	**Northing**	4782688.763 m
Height	151.033 m	**Elevation**	114.520 m	**Elevation**	114.515 m
		Horiz. residual	0.008 m	**Type**	Horz and Vert
		Vert. residual	0.005 m		
		3D residual	0.009 m		
Point	273	**Point**	273	**Point**	gt273
Latitude	N44°04'09.98262"	**Easting**	9584153.071 m	**Easting**	9584153.060 m
Longitude	E27°14'08.05432"	**Northing**	4780667.747 m	**Northing**	4780667.759 m
Height	166.988 m	**Elevation**	130.400 m	**Elevation**	130.399 m

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ТРАНСФОРМАЦИОННИ ПАРАМЕТРИ

		Horiz. residual	0.017 m	**Type**	Horz and Vert
		Vert. residual	0.001 m		
		3D residual	0.017 m		
Point	276	**Point**	276	**Point**	gt276
Latitude	N44°06'58.93895"	**Easting**	9585261.263 m	**Easting**	9585261.268 m
Longitude	E27°15'00.72946"	**Northing**	4785896.719 m	**Northing**	4785896.722 m
Height	52.638 m	**Elevation**	16.279 m	**Elevation**	16.279 m
		Horiz. residual	0.006 m	**Type**	Horz and Vert
		Vert. residual	0.000 m		
		3D residual	0.006 m		
Point	278	**Point**	278	**Point**	gt278
Latitude	N44°07'21.22379"	**Easting**	9587190.548 m	**Easting**	9587190.565 m
Longitude	E27°16'27.88510"	**Northing**	4786608.587 m	**Northing**	4786608.579 m
Height	52.579 m	**Elevation**	16.273 m	**Elevation**	16.278 m
		Horiz. residual	0.018 m	**Type**	Horz and Vert
		Vert. residual	-0.005 m		
		3D residual	0.019 m		
Point	279	**Point**	279	**Point**	gt279
Latitude	N44°06'35.47096"	**Easting**	9587600.780 m	**Easting**	9587600.787 m
Longitude	E27°16'45.53490"	**Northing**	4785201.406 m	**Northing**	4785201.392 m
Height	90.243 m	**Elevation**	53.883 m	**Elevation**	53.882 m
		Horiz. residual	0.016 m	**Type**	Horz and Vert
		Vert. residual	0.001 m		
		3D residual	0.016 m		

Date: 01.10.2018 15:33:06	Project: K:\My Documents\GPS\Tramsformacii\Silistra.vce	Trimble Business Center