

Least-Squares Best-Fit Transformation

Tue Dec 11 16:22:30 2018

Coordinate File: D:\Google Drive\2018\18-051 Hoffman\Carlson\CRD Files\18-051 Hoffman.crd
 Transformation: Rigid Body Transformation (No Scale Factor)

Source (Trimble S7 - Closed Terrestrial Traverse)				Destination (JAVAD-LS Base-Rover Setup)				Differences	
Pt#	Northing	Easting	Elevation	Pt#	Northing	Easting	Elevation	Residual (H, V)	On
201	580109.207	1374098.050	808.247	9016	580109.207	1374098.050	808.247	0.042, -0.04	Y
205	580100.877	1374104.960	808.387	9017	580100.853	1374104.927	808.363	0.014, -0.02	Y
210	579933.178	1374184.945	802.087	9015	579933.169	1374184.935	802.043	0.025, -0.00	Y
211	579734.445	1374283.152	804.140	9014	579734.435	1374283.106	804.162	0.038, -0.06	Y
212	579535.761	1374381.433	803.088	9003	579535.782	1374381.377	802.953	0.067, 0.088	Y
218	579301.307	1373702.088	756.813	9006	579301.344	1373702.084	756.658	0.082, 0.108	Y
220	579477.160	1373566.975	740.811	9007	579477.086	1373566.957	740.783	0.028, -0.01	Y
233	580556.195	1373311.545	756.813	9105	580556.111	1373311.519	756.658	0.030, 0.108	Y
231	580573.003	1373510.575	788.739	9036	580572.954	1373510.555	788.531	0.016, 0.161	Y
228	580601.526	1373889.802	805.683	9110	580601.448	1373889.766	805.681	0.038, -0.04	Y
227	580617.771	1374091.275	811.047	9111	580617.724	1374091.235	810.907	0.012, 0.093	Y
225	580636.365	1374394.579	792.601	9112	580636.339	1374394.563	792.643	0.022, -0.08	Y
202	580619.935	1374583.155	787.195	9033	580619.916	1374583.139	787.148	0.022, 0.000	Y
226	580649.675	1374613.354	806.430	9034	580649.655	1374613.308	806.445	0.008, -0.06	Y
223	580654.777	1374704.841	817.289	9035	580654.726	1374704.766	817.091	0.049, 0.151	Y
204	580233.572	1374036.603	818.612	9019	580233.481	1374036.563	818.546	0.056, 0.019	Y
203	580163.798	1374071.112	816.683	9018	580163.743	1374071.116	816.605	0.035, 0.031	Y
213	579415.605	1374445.226	805.049	9002	579415.575	1374445.169	804.855	0.052, 0.147	Y
217	579156.852	1373813.193	740.811	9004	579156.802	1373813.274	740.783	0.080, -0.01	Y

Scale: 1.000000000 Rotation: -0°00'05.5234" DX: 15.510 DY: -36.830
 Avg Residual Horizontal: 0.0377, Vertical: 1.2820