Rapportage deformatiemetingen

Veiligheidsconstructie Singel SIN0401

XYZ-deformatiemeting

Projectnummer	BR227122		
In opdracht van	Mobilis		
Uitgevoerd door	5.1,2,e & 5.1,2,e		
Uitvoeringsdatum	18-05-2022		
Rapportnummer	RD227122_HH02	Datum	20-5-2022
Opgesteld	5.1,2,e	Gecontroleerd	5.1,2,e



DOELSTELLING VAN DE METING

BouwRisk heeft opdracht gekregen metingen uit te voeren gedurende de werkzaamheden. De metingen bestaan uit een nulmeting en eventueel herhalingsmetingen en een eindmeting. De nulmeting heeft als doel de bestaande situatie in XY en Z richting vast te leggen. De nulmeting wordt uitgevoerd voor aanvang van de werkzaamheden. Herhalingsmetingen leggen vervolgens de deformatie in tijd ten opzichte van de nulmeting vast. De eindmeting na afloop van de werkzaamheden legt de totale deformatie vast. De tijdstippen van de herhalingsmetingen hangen af van de uitgevoerde werkzaamheden. Een monitoringsplan of een risicoanalyse kan hier aan ten grondslag liggen.

MEETOPZET

De meting is uitgevoerd ten opzichte van referentiepunten rondom het werkgebied. De referentie- punten zijn in de hoogte gekoppeld aan NAP. De XYZ richting is bepaald in een lokaal stelsel. De coördinaten van de referentiepunten zijn achtereenvolgend:

nr	X	Y	Z
9001	2194.5762	4990.0595	2.7866
9002	2196.6763	4980.6561	2.7737
9003	2180.5397	4961.2433	3.5801
9004	2114.4877	4961.3730	3.6801
9005	2052.2443	4960.0708	3.9116
9006	1997.3486	4974.6239	2.0390
9007	1997.5689	4990.5448	3.2171
9008	2101.1910	5011.0432	4.2340
9009	2147.5824	5011.7382	2.4907

Tijdens de herhalingsmetingen dienen de referentiepunten als uitgangspunt. De locaties van de referentiepunten zijn schetsmatig aangegeven in de tekening van de meetopzet.

MEETNAUWKEURIGHEID

De nulmeting is uitgevoerd met een tachymeter van het type Leica 1201 of gelijkwaardig. De tachymeter is gekalibreerd volgens de technische specificaties van de fabrikant. Tijdens de nulmeting zijn alle punten gecontroleerd ingemeten vanaf twee standplaatsen. De meting is gecontroleerd en vereffend met MOVE3D. Na vereffening hebben alle punten een standaard afwijking kleiner dan of gelijk aan 1,5 mm.

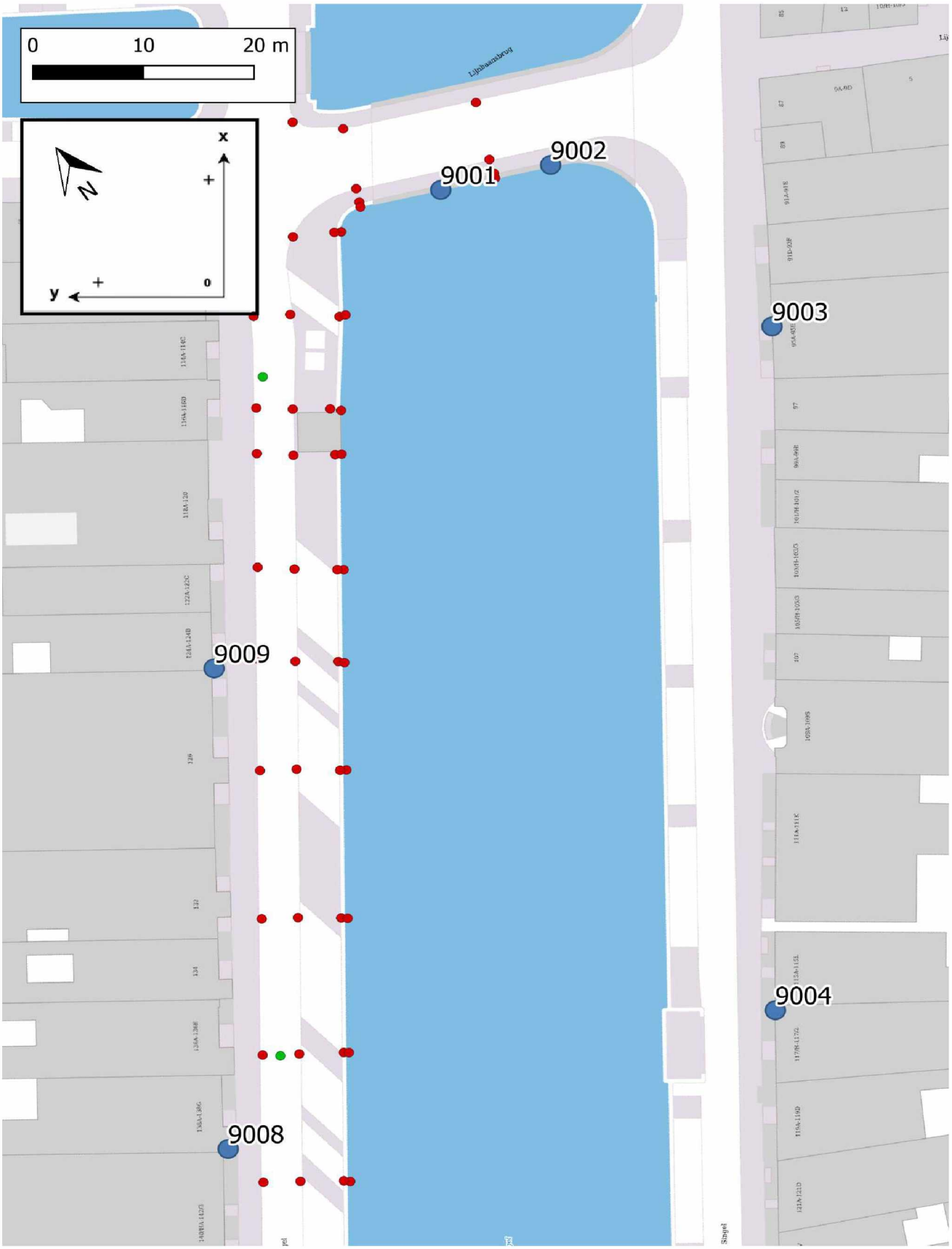
RAPPORTAGE

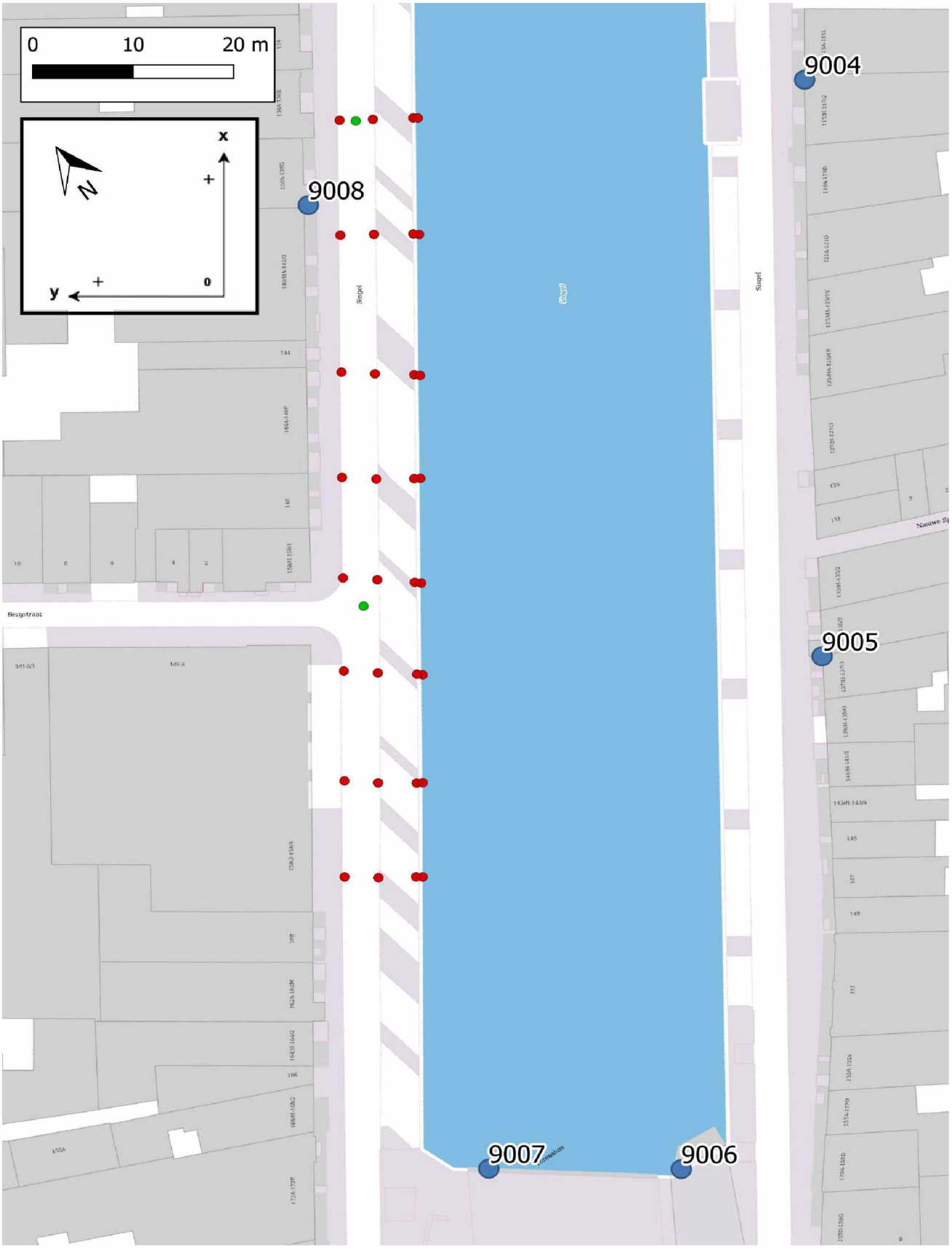
De meetwaarden en meetdatum worden zowel in tabelvorm als in grafiekvorm gepresenteerd. De meetwaarden van de nulmeting worden in meters weergegeven. Bij de herhalingsmetingen worden de verschillen/deformaties t.o.v. de nulmeting in millimeters weergegeven.

OPMERKINGEN

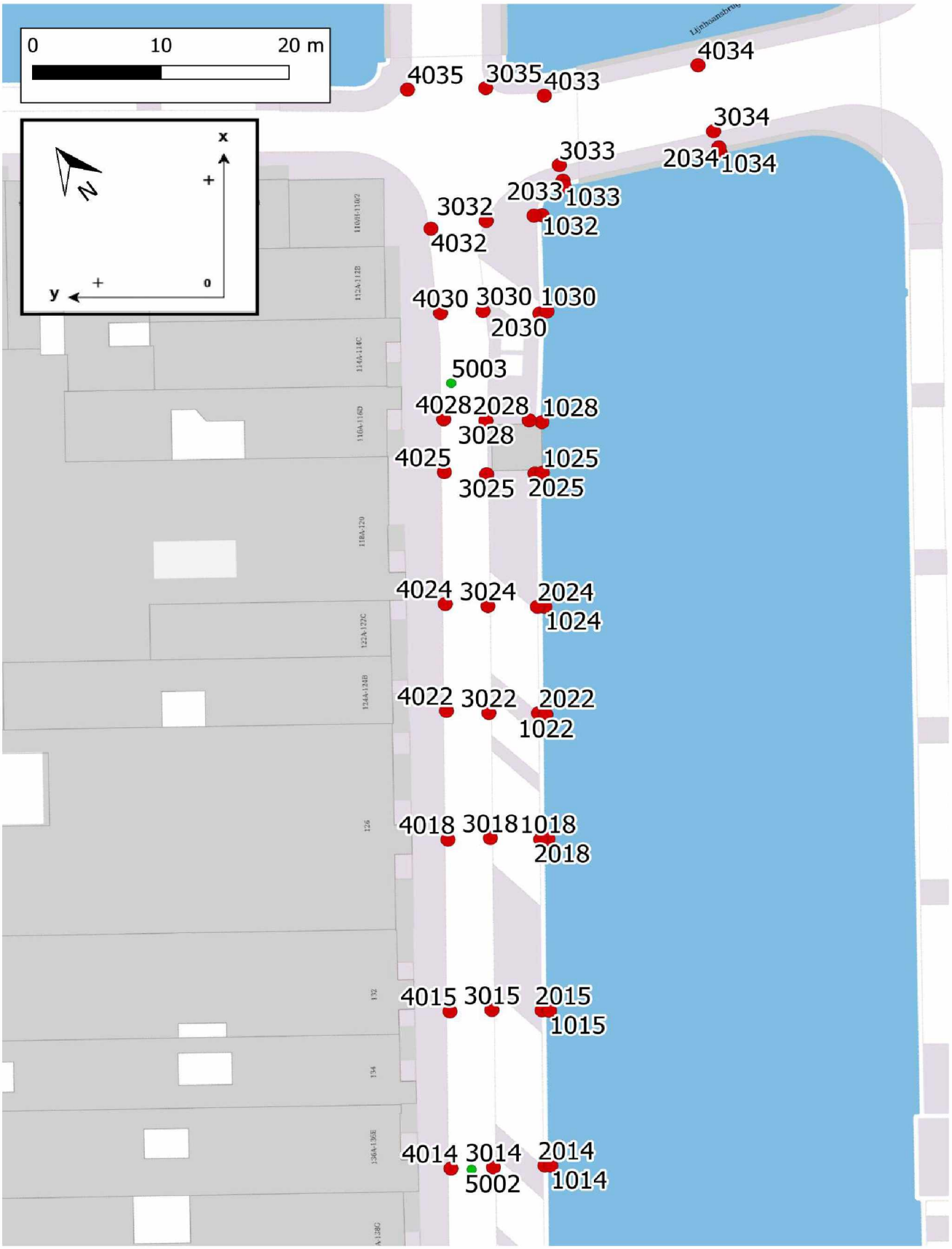
Geen

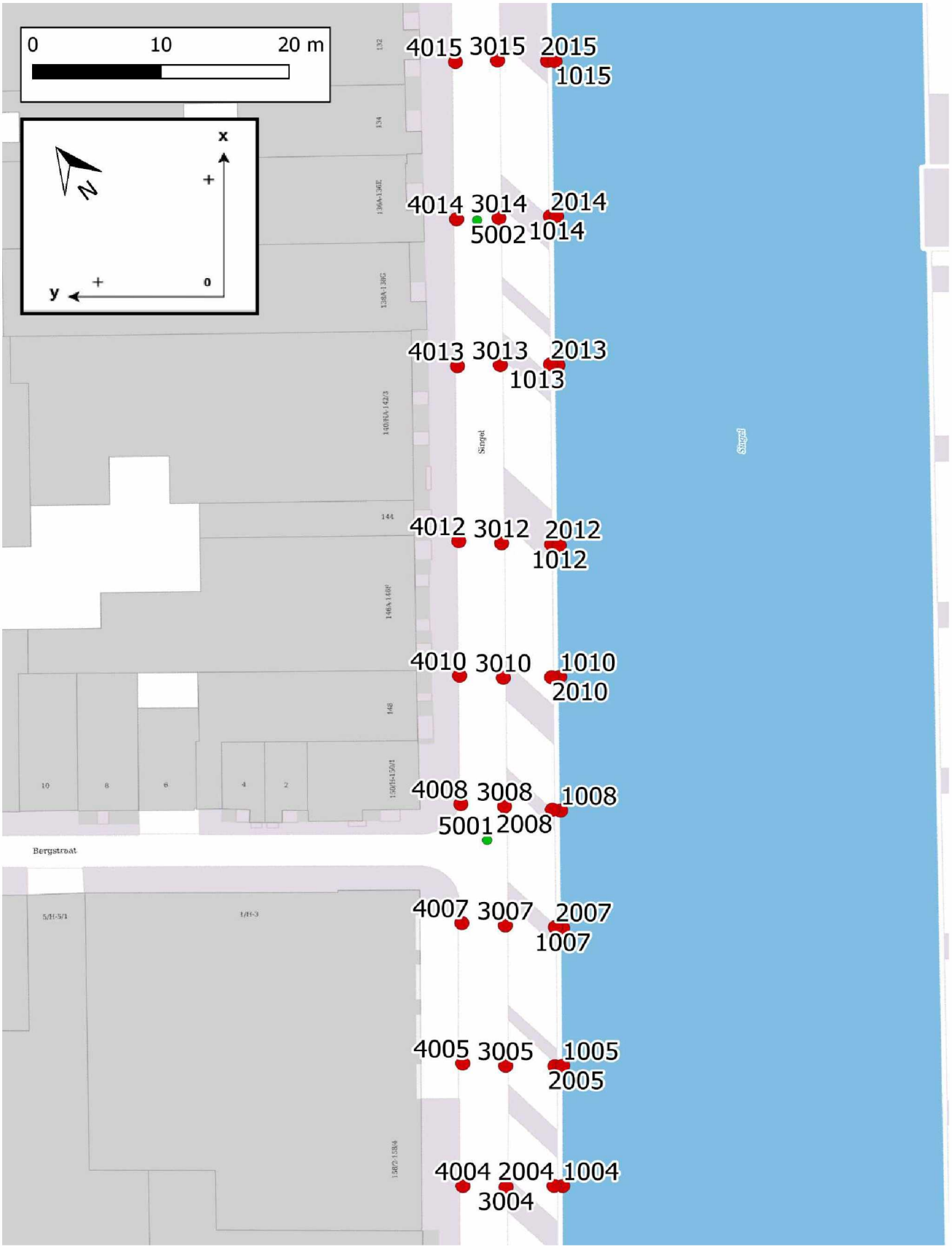
MEETSCHETS REFERENTIEPUNTEN




0
10
20 m
x
y
N
9004
9005
9006
9007
9008
Stegel
Stegel
Stegel
Nieuwe Stegel
Beugelstraat

MEETSCHETS DEFORMATIEPUNTEN




0
10
20 m
x
y
N
4015 3015 2015
1015
4014 3014 2014
5002 1014
4013 3013 2013
1013
4012 3012 2012
1012
4010 3010 1010
2010
4008 3008 1008
5001 2008
4007 3007 2007
1007
4005 3005 1005
2005
4004 2004 1004
3004
Singel
Singel
Bergstraat

Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

73o6 15-11-2021

Meetpunt	Richting	Nulmeting HH0 [m]	Datum	4-5-2022 HH1 [m]	HH1-HH0 [mm]	HH1 HH1-HH0 [mm]	10-5-2022 HH2 [m]	HH2-HH0 [mm]	HH2 HH2-HH1 [mm]	18-5-2022 HH3 [m]	HH3-HH0 [mm]	HH3 HH3-HH2 [mm]
1004	X	2028.8368	13-4-2022	2028.8385	1.7	1.7	2028.8372	0.4	-1.3	2028.8355	-1.3	-1.7
	Y	4999.9291	13-4-2022	4999.9281	-1.0	-1.0	4999.9273	-1.8	-0.8	4999.9279	-1.2	0.6
	Z	0.7443	13-4-2022	0.7461	1.8	1.8	0.7441	-0.2	-2.0	0.7441	-0.2	0.0
1005	X	2038.9652	13-4-2022	2038.9676	2.4	2.4	2038.9687	3.5	1.1	2038.9635	-1.7	-5.2
	Y	4999.8583	13-4-2022	4999.8566	-1.7	-1.7	4999.8574	-0.9	0.8	4999.8533	-5.0	-4.1
	Z	0.6350	13-4-2022	0.6364	1.4	1.4	0.6339	-1.1	-2.5	0.6300	-5.0	-3.9
1007	X	2050.5510	13-4-2022	2050.5531	2.1	2.1	2050.5551	4.1	2.0	2050.5519	0.9	-3.2
	Y	4999.7856	13-4-2022	4999.7853	-0.3	-0.3	4999.7843	-1.3	-1.0	4999.7822	-3.4	-2.1
	Z	0.5928	13-4-2022	0.5948	2.0	2.0	0.5927	-0.1	-2.1	0.5873	-5.5	-5.4
1008	X	2060.4191	13-4-2022	2060.4156	-3.5	-3.5	2060.4154	-3.7	-0.2	2060.4195	0.4	4.1
	Y	4999.8618	13-4-2022	4999.8641	2.3	2.3	4999.8595	-2.3	-4.6	4999.8606	-1.2	1.1
	Z	0.6174	13-4-2022	0.6203	2.9	2.9	0.6182	0.8	-2.1	0.6170	-0.4	-1.2
1010	X	2071.6582	13-4-2022	2071.6541	-4.1	-4.1	2071.6549	-3.3	0.8	2071.6587	0.5	3.8
	Y	4999.8626	13-4-2022	4999.8658	3.2	3.2	4999.8624	-0.2	-3.4	4999.8639	1.3	1.5
	Z	0.5620	13-4-2022	0.5642	2.2	2.2	0.5616	-0.4	-2.6	0.5613	-0.7	-0.3
1012	X	2082.7276	13-4-2022	2082.7238	-3.8	-3.8	2082.7246	-3.0	0.8	2082.7289	1.3	4.3
	Y	4999.8143	13-4-2022	4999.8179	3.6	3.6	4999.8128	-1.5	-5.1	4999.8151	0.8	2.3
	Z	0.4621	13-4-2022	0.4641	2.0	2.0	0.4621	0.0	-2.0	0.4614	-0.7	-0.7
1013	X	2097.8730	13-4-2022	2097.8755	2.5	2.5	2097.8702	-2.8	-5.3	2097.8748	1.8	4.6
	Y	4999.8051	13-4-2022	4999.8028	-2.3	-2.3	4999.8031	-2.0	0.3	4999.8047	-0.4	1.6
	Z	0.4495	13-4-2022	0.4497	0.2	0.2	0.4490	-0.5	-0.7	0.4483	-1.2	-0.7
1014	X	2110.3823	13-4-2022	2110.3839	1.6	1.6	2110.3813	-1.0	-2.6	2110.3844	2.1	3.1
	Y	4999.8335	13-4-2022	4999.8329	-0.6	-0.6	4999.8325	-1.0	-0.4	4999.8349	1.4	2.4
	Z	0.4648	13-4-2022	0.4648	0.0	0.0	0.4637	-1.1	-1.1	0.4640	-0.8	0.3
1015	X	2123.4227	13-4-2022	2123.4247	2.0	2.0	2123.4249	2.2	0.2	2123.4260	3.3	1.1
	Y	4999.8545	13-4-2022	4999.8595	5.0	5.0	4999.8550	0.5	-4.5	4999.8564	1.9	1.4
	Z	0.5132	13-4-2022	0.5128	-0.4	-0.4	0.5126	-0.6	-0.2	0.5123	-0.9	-0.3
1018	X	2137.8789	13-4-2022	2137.8803	1.4	1.4	2137.8809	2.0	0.6	2137.8769	-2.0	-4.0
	Y	4999.8701	13-4-2022	4999.8724	2.3	2.3	4999.8702	0.1	-2.2	4999.8728	2.7	2.6
	Z	0.4916	13-4-2022	0.4920	0.4	0.4	0.4932	1.6	1.2	0.4940	2.4	0.8
1022	X	2148.3508	13-4-2022	2148.3489	-1.9	-1.9	2148.3524	1.6	3.5	2148.3463	-4.5	-6.1
	Y	4999.9656	13-4-2022	4999.9686	3.0	3.0	4999.9652	-0.4	-3.4	4999.9666	1.0	1.4
	Z	0.5791	13-4-2022	0.5792	0.1	0.1	0.5784	-0.7	-0.8	0.5778	-1.3	-0.6
1024	X	2157.4074	13-4-2022	2157.4054	-2.0	-2.0	2157.4094	2.0	4.0	2157.4095	2.1	0.1
	Y	4999.9732	13-4-2022	4999.9756	2.4	2.4	4999.9732	0.0	-2.4	4999.9734	0.2	0.2
	Z	0.5862	13-4-2022	0.5864	0.2	0.2	0.5864	0.2	0.0	0.5863	0.1	-0.1
1025	X	2168.6743	13-4-2022	2168.6732	-1.1	-1.1	2168.6763	2.0	3.1	2168.6770	2.7	0.7
	Y	5000.0883	13-4-2022	5000.0908	2.5	2.5	5000.0870	-1.3	-3.8	5000.0870	-1.3	0.0
	Z	0.6941	13-4-2022	0.6944	0.3	0.3	0.6943	0.2	-0.1	0.6940	-0.1	-0.3
1028	X	2172.9404	13-4-2022	2172.9431	2.7	2.7	2172.9409	0.5	-2.2	2172.9410	0.6	0.1
	Y	5000.0962	13-4-2022	5000.0975	1.3	1.3	5000.0955	-0.7	-2.0	5000.0961	-0.1	0.6
	Z	0.8640	13-4-2022	0.8650	1.0	1.0	0.8636	-0.4	-1.4	0.8632	-0.8	-0.4
1030	X	2182.2412	13-4-2022	2182.2434	2.2	2.2	2182.2421	0.9	-1.3	2182.2418	0.6	-0.3
	Y	4999.6340	13-4-2022	4999.6367	2.7	2.7	4999.6326	-1.4	-4.1	4999.6330	-1.0	0.4
	Z	1.1994	13-4-2022	1.2006	1.2	1.2	1.1998	0.4	-0.8	1.1999	0.5	0.1
1032	X	2190.3409	13-4-2022	2190.3417	0.8	0.8	2190.3412	0.3	-0.5	2190.3406	-0.3	-0.6
	Y	4999.9630	13-4-2022	4999.9668	3.8	3.8	4999.9632	0.2	-3.6	4999.9641	1.1	0.9
	Z	1.9977	13-4-2022	1.9985	0.8	0.8	1.9981	0.4	-0.4	1.9979	0.2	-0.2
1033	X	2192.7604	13-4-2022	2192.7600	-0.4	-0.4	2192.7605	0.1	0.5	2192.7599	-0.5	-0.6
	Y	4998.2102	13-4-2022	4998.2135	3.3	3.3	4998.2109	0.7	-2.6	4998.2114	1.2	0.5
	Z	2.2969	13-4-2022	2.2974	0.5	0.5	2.2966	-0.3	-0.8	2.2964	-0.5	-0.2
1034	X	2195.4863	13-4-2022	2195.4846	-1.7	-1.7	2195.4864	0.1	1.8	2195.4860	-0.3	-0.4
	Y	4986.0185	13-4-2022	4986.0216	3.1	3.1	4986.0179	-0.6	-3.7	4986.0189	0.4	1.0
	Z	2.7279	13-4-2022	2.7284	0.5	0.5	2.7274	-0.5	-1.0	2.7273	-0.6	-0.1
2004	X	2028.8510	13-4-2022	2028.8527	1.7	1.7	2028.8493	-1.7	-3.4	2028.8498	-1.2	0.5
	Y	5000.6012	13-4-2022	5000.5998	-1.4	-1.4	5000.5998	-1.4	0.0	5000.5991	-2.1	-0.7
	Z	0.7608	13-4-2022	0.7627	1.9	1.9	0.7606	-0.2	-2.1	0.7604	-0.4	-0.2
2005	X	2038.9283	13-4-2022	2038.9317	3.4	3.4	2038.9330	4.7	1.3	2038.9275	-0.8	-5.5
	Y	5000.4618	13-4-2022	5000.4587	-3.1	-3.1	5000.4576	-4.2	-1.1	5000.4564	-5.4	-1.2
	Z	0.6924	13-4-2022	0.6949	2.5	2.5	0.6892	-3.2	-5.7	0.6870	-5.4	-2.2
2007	X	2050.6217	13-4-2022	2050.6234	1.7	1.7	2050.6260	4.3	2.6	2050.6233	1.6	-2.7
	Y	5000.3465	13-4-2022	5000.3465	0.0	0.0	5000.3442	-2.3	-2.3	5000.3429	-3.6	-1.3
	Z	0.6348	13-4-2022	0.6375	2.7	2.7	0.6348	0.0	-2.7	0.6294	-5.4	-5.4
2008	X	2060.5018	13-4-2022									
	Y	5000.5039	13-4-2022									
	Z	0.6491	13-4-2022									
2010	X	2071.6349	13-4-2022	2071.6332	-1.7	-1.7	2071.6332	-1.7	0.0	2071.6373	2.4	4.1
	Y	5000.4826	13-4-2022	5000.4822	-0.4	-0.4	5000.4796	-3.0	-2.6	5000.4814	-1.2	1.8
	Z	0.6146	13-4-2022	0.6175	2.9	2.9	0.6151	0.5	-2.4	0.6140	-0.6	-1.1
2012	X	2082.8039	13-4-2022	2082.8006	-3.3	-3.3	2082.8014	-2.5	0.8	2082.8054	1.5	4.0
	Y	5000.3914	13-4-2022	5000.3927	1.3	1.3	5000.3889	-2.5	-3.8	5000.3906	-0.8	1.7
	Z	0.5560	13-4-2022	0.5585	2.5	2.5	0.5561	0.1	-2.4	0.5554	-0.6	-0.7

Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

73o6 15-11-2021

Meetpunt	Richting	Nulmeting HH0 [m]	Datum	4-5-2022 HH1 [m]	HH1-HH0 [mm]	HH1 HH1-HH0 [mm]	10-5-2022 HH2 [m]	HH2-HH0 [mm]	HH2 HH2-HH1 [mm]	18-5-2022 HH3 [m]	HH3-HH0 [mm]	HH3 HH3-HH2 [mm]
2013	X	2097.9428	13-4-2022	2097.9442	1.4	1.4	2097.9407	-2.1	-3.5	2097.9456	2.8	4.9
	Y	5000.3837	13-4-2022	5000.3808	-2.9	-2.9	5000.3812	-2.5	0.4	5000.3825	-1.2	1.3
	Z	0.5664	13-4-2022	0.5669	0.5	0.5	0.5646	-1.8	-2.3	0.5645	-1.9	-0.1
2014	X	2110.3964	13-4-2022	2110.3982	1.8	1.8	2110.3957	-0.7	-2.5	2110.3985	2.1	2.8
	Y	5000.3056	13-4-2022	5000.3065	0.9	0.9	5000.3044	-1.2	-2.1	5000.3054	-0.2	1.0
	Z	0.5723	13-4-2022	0.5725	0.2	0.2	0.5714	-0.9	-1.1	0.5711	-1.2	-0.3
2015	X	2123.4625	13-4-2022	2123.4639	1.4	1.4	2123.4639	1.4	0.0	2123.4648	2.3	0.9
	Y	5000.4366	13-4-2022	5000.4363	-0.3	-0.3	5000.4361	-0.5	-0.2	5000.4370	0.4	0.9
	Z	0.6080	13-4-2022	0.6064	-1.6	-1.6	0.6066	-1.4	0.2	0.6066	-1.4	0.0
2018	X	2137.8538	13-4-2022	2137.8546	0.8	0.8	2137.8547	0.9	0.1	2137.8488	-5.0	-5.9
	Y	5000.4380	13-4-2022	5000.4396	1.6	1.6	5000.4378	-0.2	-1.8	5000.4390	1.0	1.2
	Z	0.5653	13-4-2022	0.5671	1.8	1.8	0.5674	2.1	0.3	0.5682	2.9	0.8
2022	X	2148.4653	13-4-2022	2148.4627	-2.6	-2.6	2148.4663	1.0	3.6	2148.4604	-4.9	-5.9
	Y	5000.5278	13-4-2022	5000.5284	0.6	0.6	5000.5255	-2.3	-2.9	5000.5264	-1.4	0.9
	Z	0.6532	13-4-2022	0.6546	1.4	1.4	0.6531	-0.1	-1.5	0.6525	-0.7	-0.6
2024	X	2157.4152	13-4-2022	2157.4142	-1.0	-1.0	2157.4176	2.4	3.4	2157.4174	2.2	-0.2
	Y	5000.5518	13-4-2022	5000.5536	1.8	1.8	5000.5507	-1.1	-2.9	5000.5507	-1.1	0.0
	Z	0.6399	13-4-2022	0.6414	1.5	1.5	0.6410	1.1	-0.4	0.6409	1.0	-0.1
2025	X	2168.6313	13-4-2022	2168.6269	-4.4	-4.4	2168.6319	0.6	5.0	2168.6331	1.8	1.2
	Y	5000.6649	13-4-2022	5000.6705	5.6	5.6	5000.6644	-0.5	-6.1	5000.6648	-0.1	0.4
	Z	0.7320	13-4-2022	0.7317	-0.3	-0.3	0.7311	-0.9	-0.6	0.7307	-1.3	-0.4
2028	X	2173.0916	13-4-2022	2173.0952	3.6	3.6	2173.0940	2.4	-1.2	2173.0926	1.0	-1.4
	Y	5001.0844	13-4-2022	5001.0847	0.3	0.3	5001.0814	-3.0	-3.3	5001.0824	-2.0	1.0
	Z	0.8637	13-4-2022	0.8652	1.5	1.5	0.8630	-0.7	-2.2	0.8628	-0.9	-0.2
2030	X	2182.0844	13-4-2022	2182.0873	2.9	2.9	2182.0854	1.0	-1.9	2182.0851	0.7	-0.3
	Y	5000.1882	13-4-2022	5000.1882	0.0	0.0	5000.1850	-3.2	-3.2	5000.1852	-3.0	0.2
	Z	1.2017	13-4-2022	1.2035	1.8	1.8	1.2023	0.6	-1.2	1.2022	0.5	-0.1
2032	X	2190.3052	13-4-2022	2190.3061	0.9	0.9	2190.3036	-1.6	-2.5	2190.3056	0.4	2.0
	Y	5000.5924	13-4-2022	5000.5965	4.1	4.1	5000.5923	-0.1	-4.2	5000.5936	1.2	1.3
	Z	1.9506	13-4-2022	1.9512	0.6	0.6	1.9498	-0.8	-1.4	1.9500	-0.6	0.2
2033	X	2193.2365	13-4-2022	2193.2357	-0.8	-0.8	2193.2368	0.3	1.1	2193.2358	-0.7	-1.0
	Y	4998.3076	13-4-2022	4998.3107	3.1	3.1	4998.3079	0.3	-2.8	4998.3088	1.2	0.9
	Z	2.3015	13-4-2022	2.3022	0.7	0.7	2.3013	-0.2	-0.9	2.3012	-0.3	-0.1
2034	X	2195.9524	13-4-2022	2195.9517	-0.7	-0.7	2195.9522	-0.2	0.5	2195.9519	-0.5	-0.3
	Y	4986.1137	13-4-2022	4986.1174	3.7	3.7	4986.1142	0.5	-3.2	4986.1136	-0.1	-0.6
	Z	2.7373	13-4-2022	2.7379	0.6	0.6	2.7370	-0.3	-0.9	2.7368	-0.5	-0.2
3004	X	2028.7830	13-4-2022	2028.7833	0.3	0.3	2028.7805	-2.5	-2.8	2028.7819	-1.1	1.4
	Y	5004.3481	13-4-2022	5004.3472	-0.9	-0.9	5004.3469	-1.2	-0.3	5004.3458	-2.3	-1.1
	Z	0.9564	13-4-2022	0.9579	1.5	1.5	0.9555	-0.9	-2.4	0.9561	-0.3	0.6
3005	X	2039.2896	4-5-2022	2039.2896	0.0		2039.2865	-3.1	-3.1	2039.2872	-2.4	0.7
	Y	5004.2945	4-5-2022	5004.2945	0.0		5004.2928	-1.7	-1.7	5004.2911	-3.4	-1.7
	Z	0.7362	4-5-2022	0.7362	0.0		0.7321	-4.1	-4.1	0.7313	-4.9	-0.8
3007	X	2050.7876	13-4-2022	2050.7893	1.7	1.7	2050.7862	-1.4	-3.1	2050.7868	-0.8	0.6
	Y	5004.2455	13-4-2022	5004.2464	0.9	0.9	5004.2448	-0.7	-1.6	5004.2430	-2.5	-1.8
	Z	0.6984	13-4-2022	0.7016	3.2	3.2	0.6980	-0.4	-3.6	0.6963	-2.1	-1.7
3008	X	2060.8004	13-4-2022	2060.8029	2.5	2.5	2060.8003	-0.1	-2.6	2060.8004	0.0	0.1
	Y	5004.2328	13-4-2022	5004.2345	1.7	1.7	5004.2321	-0.7	-2.4	5004.2320	-0.8	-0.1
	Z	0.7141	13-4-2022	0.7164	2.3	2.3	0.7134	-0.7	-3.0	0.7135	-0.6	0.1
3010	X	2071.6210	13-4-2022	2071.6204	-0.6	-0.6	2071.6208	-0.2	0.4	2071.6215	0.5	0.7
	Y	5004.2554	13-4-2022	5004.2556	0.2	0.2	5004.2535	-1.9	-2.1	5004.2539	-1.5	0.4
	Z	0.7117	13-4-2022	0.7138	2.1	2.1	0.7107	-1.0	-3.1	0.7109	-0.8	0.2
3012	X	2082.9321	13-4-2022	2082.9300	-2.1	-2.1	2082.9310	-1.1	1.0	2082.9313	-0.8	0.3
	Y	5004.3100	13-4-2022	5004.3113	1.3	1.3	5004.3088	-1.2	-2.5	5004.3088	-1.2	0.0
	Z	0.7286	13-4-2022	0.7313	2.7	2.7	0.7279	-0.7	-3.4	0.7284	-0.2	0.5
3013	X	2097.9178	13-4-2022	2097.9163	-1.5	-1.5	2097.9187	0.9	2.4	2097.9188	1.0	0.1
	Y	5004.3053	13-4-2022	5004.3061	0.8	0.8	5004.3036	-1.7	-2.5	5004.3042	-1.1	0.6
	Z	0.7445	13-4-2022	0.7461	1.6	1.6	0.7428	-1.7	-3.3	0.7425	-2.0	-0.3
3014	X	2110.2775	13-4-2022	2110.2751	-2.4	-2.4	2110.2783	0.8	3.2	2110.2774	-0.1	-0.9
	Y	5004.3252	13-4-2022	5004.3262	1.0	1.0	5004.3225	-2.7	-3.7	5004.3244	-0.8	1.9
	Z	0.7613	13-4-2022	0.7629	1.6	1.6	0.7601	-1.2	-2.8	0.7595	-1.8	-0.6
3015	X	2123.5187	13-4-2022	2123.5178	-0.9	-0.9	2123.5195	0.8	1.7	2123.5184	-0.3	-1.1
	Y	5004.3458	13-4-2022	5004.3469	1.1	1.1	5004.3444	-1.4	-2.5	5004.3453	-0.5	0.9
	Z	0.7702	13-4-2022	0.7711	0.9	0.9	0.7690	-1.2	-2.1	0.7679	-2.3	-1.1
3018	X	2137.9870	13-4-2022	2137.9883	1.3	1.3	2137.9878	0.8	-0.5	2137.9876	0.6	-0.2
	Y	5004.3716	13-4-2022	5004.3714	-0.2	-0.2	5004.3698	-1.8	-1.6	5004.3709	-0.7	1.1
	Z	0.7631	13-4-2022	0.7646	1.5	1.5	0.7621	-1.0	-2.5	0.7618	-1.3	-0.3
3022	X	2148.5098	13-4-2022	2148.5117	1.9	1.9	2148.5116	1.8	-0.1	2148.5110	1.2	-0.6
	Y	5004.4094	13-4-2022	5004.4097	0.3	0.3	5004.4075	-1.9	-2.2	5004.4088	-0.6	1.3
	Z	0.7536	13-4-2022	0.7548	1.2	1.2	0.7527	-0.9	-2.1	0.7525	-1.1	-0.2
3024	X	2157.5009	13-4-2022	2157.5024	1.5	1.5	2157.5014	0.5	-1.0	2157.5016	0.7	0.2
	Y	5004.4220	13-4-2022	5004.4238	1.8	1.8	5004.4211	-0.9	-2.7	5004.4221	0.1	1.0
	Z	0.8096	13-4-2022	0.8106	1.0	1.0	0.8089	-0.7	-1.7	0.8088	-0.8	-0.1

Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

73o6 15-11-2021

Meetpunt	Richting	Nulmeting	Datum	4-5-2022		HH1	10-5-2022		HH2	18-5-2022		HH3
		HH0 [m]		HH1 [m]	HH1-HH0 [mm]	HH1-HH0 [mm]	HH2 [m]	HH2-HH0 [mm]	HH2-HH1 [mm]	HH3 [m]	HH3-HH0 [mm]	HH3-HH2 [mm]
3025	X	2168.5899	13-4-2022	2168.5916	1.7	1.7	2168.5906	0.7	-1.0	2168.5903	0.4	-0.3
	Y	5004.4446	13-4-2022	5004.4464	1.8	1.8	5004.4438	-0.8	-2.6	5004.4448	0.2	1.0
	Z	0.8318	13-4-2022	0.8327	0.9	0.9	0.8311	-0.7	-1.6	0.8312	-0.6	0.1
3028	X	2173.0913	13-4-2022	2173.0930	1.7	1.7	2173.0925	1.2	-0.5	2173.0921	0.8	-0.4
	Y	5004.4653	13-4-2022	5004.4674	2.1	2.1	5004.4647	-0.6	-2.7	5004.4653	0.0	0.6
	Z	0.9475	13-4-2022	0.9484	0.9	0.9	0.9472	-0.3	-1.2	0.9470	-0.5	-0.2
3030	X	2182.3195	13-4-2022	2182.3212	1.7	1.7	2182.3203	0.8	-0.9	2182.3197	0.2	-0.6
	Y	5004.6277	13-4-2022	5004.6294	1.7	1.7	5004.6267	-1.0	-2.7	5004.6272	-0.5	0.5
	Z	1.1575	13-4-2022	1.1580	0.5	0.5	1.1569	-0.6	-1.1	1.1566	-0.9	-0.3
3032	X	2189.8898	13-4-2022	2189.8913	1.5	1.5	2189.8907	0.9	-0.6	2189.8896	-0.2	-1.1
	Y	5004.3250	13-4-2022	5004.3277	2.7	2.7	5004.3261	1.1	-1.6	5004.3267	1.7	0.6
	Z	1.5485	13-4-2022	1.5494	0.9	0.9	1.5484	-0.1	-1.0	1.5480	-0.5	-0.4
3033	X	2194.5413	13-4-2022	2194.5403	-1.0	-1.0	2194.5412	-0.1	0.9	2194.5408	-0.5	-0.4
	Y	4998.5807	13-4-2022	4998.5845	3.8	3.8	4998.5815	0.8	-3.0	4998.5829	2.2	1.4
	Z	2.2006	13-4-2022	2.2012	0.6	0.6	2.2003	-0.3	-0.9	2.2002	-0.4	-0.1
3034	X	2197.3031	13-4-2022				2197.3029	-0.2	-0.2	2197.3031	0.0	0.2
	Y	4986.5213	13-4-2022				4986.5204	-0.9	-0.9	4986.5224	1.1	2.0
	Z	2.6293	13-4-2022				2.6287	-0.6	-0.6	2.6284	-0.9	-0.3
3035	X	2201.0654	13-4-2022	2201.0638	-1.6	-1.6	2201.0651	-0.3	1.3	2201.0655	0.1	0.4
	Y	5004.2799	13-4-2022	5004.2823	2.4	2.4	5004.2794	-0.5	-2.9	5004.2832	3.3	3.8
	Z	2.1186	13-4-2022	2.1194	0.8	0.8	2.1183	-0.3	-1.1	2.1164	-2.2	-1.9
4004	X	2028.8916	13-4-2022	2028.8921	0.5	0.5	2028.8891	-2.5	-3.0	2028.8904	-1.2	1.3
	Y	5007.7166	13-4-2022	5007.7156	-1.0	-1.0	5007.7159	-0.7	0.3	5007.7157	-0.9	-0.2
	Z	1.0212	13-4-2022	1.0227	1.5	1.5	1.0209	-0.3	-1.8	1.0211	-0.1	0.2
4005	X	2039.2085	13-4-2022	2039.2117	3.2	3.2	2039.2087	0.2	-3.0	2039.2096	1.1	0.9
	Y	5007.6566	13-4-2022	5007.6549	-1.7	-1.7	5007.6538	-2.8	-1.1	5007.6528	-3.8	-1.0
	Z	0.8171	13-4-2022	0.8236	6.5	6.5	0.8207	3.6	-2.9	0.8203	3.2	-0.4
4007	X	2051.0137	13-4-2022	2051.0153	1.6	1.6	2051.0125	-1.2	-2.8	2051.0128	-0.9	0.3
	Y	5007.6401	13-4-2022	5007.6403	0.2	0.2	5007.6400	-0.1	-0.3	5007.6387	-1.4	-1.3
	Z	0.7790	13-4-2022	0.7813	2.3	2.3	0.7783	-0.7	-3.0	0.7779	-1.1	-0.4
4008	X	2061.0186	13-4-2022	2061.0204	1.8	1.8	2061.0179	-0.7	-2.5	2061.0183	-0.3	0.4
	Y	5007.6489	13-4-2022	5007.6491	0.2	0.2	5007.6483	-0.6	-0.8	5007.6487	-0.2	0.4
	Z	0.7852	13-4-2022	0.7877	2.5	2.5	0.7845	-0.7	-3.2	0.7850	-0.2	0.5
4010	X	2071.8163	13-4-2022	2071.8149	-1.4	-1.4	2071.8161	-0.2	1.2	2071.8164	0.1	0.3
	Y	5007.6696	13-4-2022	5007.6704	0.8	0.8	5007.6691	-0.5	-1.3	5007.6702	0.6	1.1
	Z	0.8164	13-4-2022	0.8190	2.6	2.6	0.8158	-0.6	-3.2	0.8162	-0.2	0.4
4012	X	2083.1330	13-4-2022	2083.1310	-2.0	-2.0	2083.1324	-0.6	1.4	2083.1324	-0.6	0.0
	Y	5007.6512	13-4-2022	5007.6521	0.9	0.9	5007.6507	-0.5	-1.4	5007.6513	0.1	0.6
	Z	0.8547	13-4-2022	0.8570	2.3	2.3	0.8539	-0.8	-3.1	0.8543	-0.4	0.4
4013	X	2097.8458	13-4-2022	2097.8437	-2.1	-2.1	2097.8459	0.1	2.2	2097.8461	0.3	0.2
	Y	5007.6548	13-4-2022	5007.6555	0.7	0.7	5007.6536	-1.2	-1.9	5007.6552	0.4	1.6
	Z	0.8524	13-4-2022	0.8541	1.7	1.7	0.8509	-1.5	-3.2	0.8512	-1.2	0.3
4014	X	2110.1987	13-4-2022	2110.1962	-2.5	-2.5	2110.2002	1.5	4.0	2110.1990	0.3	-1.2
	Y	5007.6355	13-4-2022	5007.6364	0.9	0.9	5007.6338	-1.7	-2.6	5007.6355	0.0	1.7
	Z	0.8704	13-4-2022	0.8718	1.4	1.4	0.8691	-1.3	-2.7	0.8691	-1.3	0.0
4015	X	2123.4229	13-4-2022	2123.4222	-0.7	-0.7	2123.4239	1.0	1.7	2123.4229	0.0	-1.0
	Y	5007.6270	13-4-2022	5007.6269	-0.1	-0.1	5007.6251	-1.9	-1.8	5007.6265	-0.5	1.4
	Z	0.8977	13-4-2022	0.8988	1.1	1.1	0.8970	-0.7	-1.8	0.8965	-1.2	-0.5
4018	X	2137.8767	13-4-2022	2137.8783	1.6	1.6	2137.8783	1.6	0.0	2137.8780	1.3	-0.3
	Y	5007.6786	13-4-2022	5007.6783	-0.3	-0.3	5007.6772	-1.4	-1.1	5007.6782	-0.4	1.0
	Z	0.8848	13-4-2022	0.8862	1.4	1.4	0.8843	-0.5	-1.9	0.8843	-0.5	0.0
4022	X	2148.7071	13-4-2022	2148.7093	2.2	2.2	2148.7090	1.9	-0.3	2148.7087	1.6	-0.3
	Y	5007.7204	13-4-2022	5007.7202	-0.2	-0.2	5007.7190	-1.4	-1.2	5007.7199	-0.5	0.9
	Z	0.8941	13-4-2022	0.8955	1.4	1.4	0.8937	-0.4	-1.8	0.8936	-0.5	-0.1
4024	X	2157.6964	13-4-2022	2157.6983	1.9	1.9	2157.6978	1.4	-0.5	2157.6974	1.0	-0.4
	Y	5007.7477	13-4-2022	5007.7479	0.2	0.2	5007.7461	-1.6	-1.8	5007.7477	0.0	1.6
	Z	0.9145	13-4-2022	0.9157	1.2	1.2	0.9138	-0.7	-1.9	0.9138	-0.7	0.0
4025	X	2168.7828	13-4-2022	2168.7838	1.0	1.0	2168.7836	0.8	-0.2	2168.7831	0.3	-0.5
	Y	5007.7477	13-4-2022	5007.7486	0.9	0.9	5007.7470	-0.7	-1.6	5007.7480	0.3	1.0
	Z	0.9202	13-4-2022	0.9209	0.7	0.7	0.9193	-0.9	-1.6	0.9194	-0.8	0.1
4028	X	2173.2275	13-4-2022	2173.2291	1.6	1.6	2173.2289	1.4	-0.2	2173.2285	1.0	-0.4
	Y	5007.7644	13-4-2022	5007.7655	1.1	1.1	5007.7637	-0.7	-1.8	5007.7649	0.5	1.2
	Z	0.9910	13-4-2022	0.9919	0.9	0.9	0.9903	-0.7	-1.6	0.9905	-0.5	0.2
4030	X	2182.1660	13-4-2022	2182.1677	1.7	1.7	2182.1667	0.7	-1.0	2182.1664	0.4	-0.3
	Y	5007.9454	13-4-2022	5007.9461	0.7	0.7	5007.9447	-0.7	-1.4	5007.9452	-0.2	0.5
	Z	1.2189	13-4-2022	1.2193	0.4	0.4	1.2181	-0.8	-1.2	1.2178	-1.1	-0.3
4032	X	2189.2689	13-4-2022	2189.2700	1.1	1.1	2189.2696	0.7	-0.4	2189.2692	0.3	-0.4
	Y	5008.6436	13-4-2022	5008.6449	1.3	1.3	5008.6437	0.1	-1.2	5008.6441	0.5	0.4
	Z	1.4867	13-4-2022	1.4871	0.4	0.4	1.4858	-0.9	-1.3	1.4855	-1.2	-0.3
4033	X	2200.3896	13-4-2022	2200.3884	-1.2	-1.2	2200.3904	0.8	2.0	2200.3901	0.5	-0.3
	Y	4999.7182	13-4-2022	4999.7217	3.5	3.5	4999.7186	0.4	-3.1	4999.7203	2.1	1.7
	Z	2.1557	13-4-2022	2.1562	0.5	0.5	2.1552	-0.5	-1.0	2.1550	-0.7	-0.2

Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

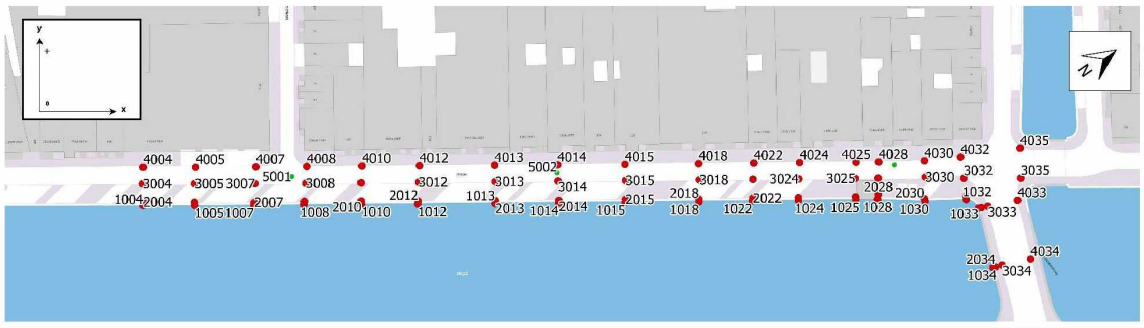
73o6 15-11-2021

Meetpunt	Richting	Nulmeting HH0 [m]	Datum	4-5-2022 HH1 [m]	HH1-HH0 [mm]	HH1 HH1-HH0 [mm]	10-5-2022 HH2 [m]	HH2-HH0 [mm]	HH2 HH2-HH1 [mm]	18-5-2022 HH3 [m]	HH3-HH0 [mm]	HH3 HH3-HH2 [mm]
4034	X	2202.8643	13-4-2022	2202.8637	-0.6	-0.6	2202.8645	0.2	0.8	2202.8658	1.5	1.3
	Y	4987.6956	13-4-2022	4987.6992	3.6	3.6	4987.6950	-0.6	-4.2	4987.6971	1.5	2.1
	Z	2.6432	13-4-2022	2.6434	0.2	0.2	2.6424	-0.8	-1.0	2.6422	-1.0	-0.2
4035	X	2200.9774	13-4-2022	2200.9758	-1.6	-1.6	2200.9778	0.4	2.0	2200.9771	-0.3	-0.7
	Y	5010.3917	13-4-2022	5010.3941	2.4	2.4	5010.3911	-0.6	-3.0	5010.3921	0.4	1.0
	Z	2.0431	13-4-2022	2.0437	0.6	0.6	2.0429	-0.2	-0.8	2.0428	-0.3	-0.1
5001	X	2057.9703	13-4-2022	2057.9727	2.4	2.4	2057.9700	-0.3	-2.7	2057.9705	0.2	0.5
	Y	5005.6218	13-4-2022	5005.6228	1.0	1.0	5005.6211	-0.7	-1.7	5005.6210	-0.8	-0.1
	Z	0.7378	13-4-2022	0.7402	2.4	2.4	0.7368	-1.0	-3.4	0.7369	-0.9	0.1
5002	X	2110.1112	13-4-2022	2110.1093	-1.9	-1.9	2110.1124	1.2	3.1	2110.1123	1.1	-0.1
	Y	5006.0307	13-4-2022	5006.0319	1.2	1.2	5006.0284	-2.3	-3.5	5006.0295	-1.2	1.1
	Z	0.8025	13-4-2022	0.8038	1.3	1.3	0.8013	-1.2	-2.5	0.7997	-2.8	-1.6
5003	X	2176.2661	13-4-2022	2176.2677	1.6	1.6	2176.2671	1.0	-0.6	2176.2669	0.8	-0.2
	Y	5007.1525	13-4-2022	5007.1541	1.6	1.6	5007.1521	-0.4	-2.0	5007.1532	0.7	1.1
	Z	0.9450	13-4-2022	0.9457	0.7	0.7	0.9444	-0.6	-1.3	0.9442	-0.8	-0.2

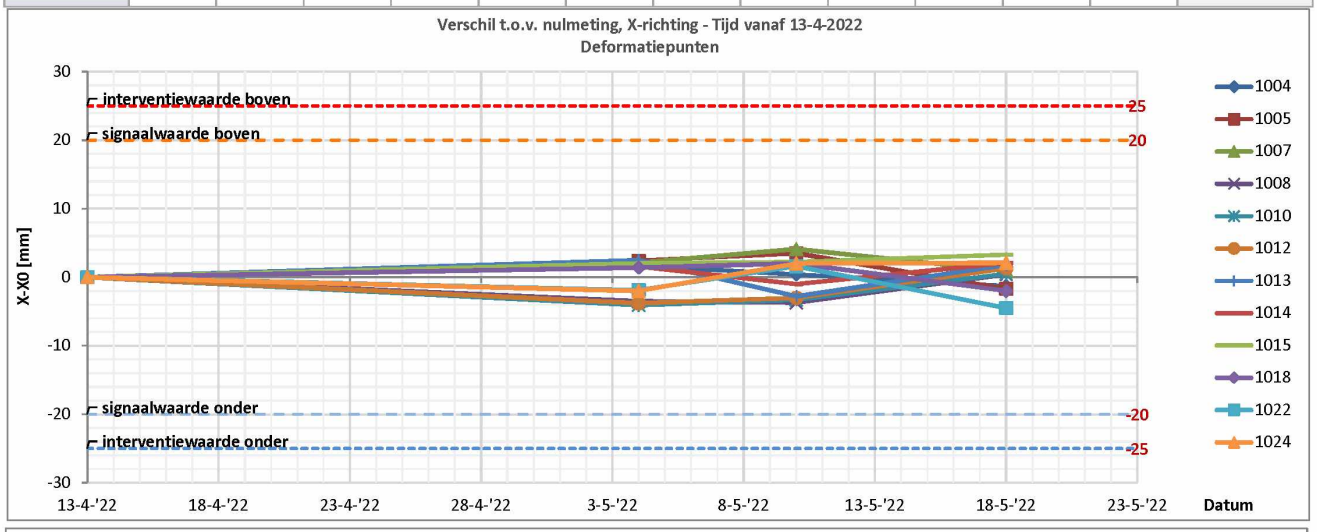
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

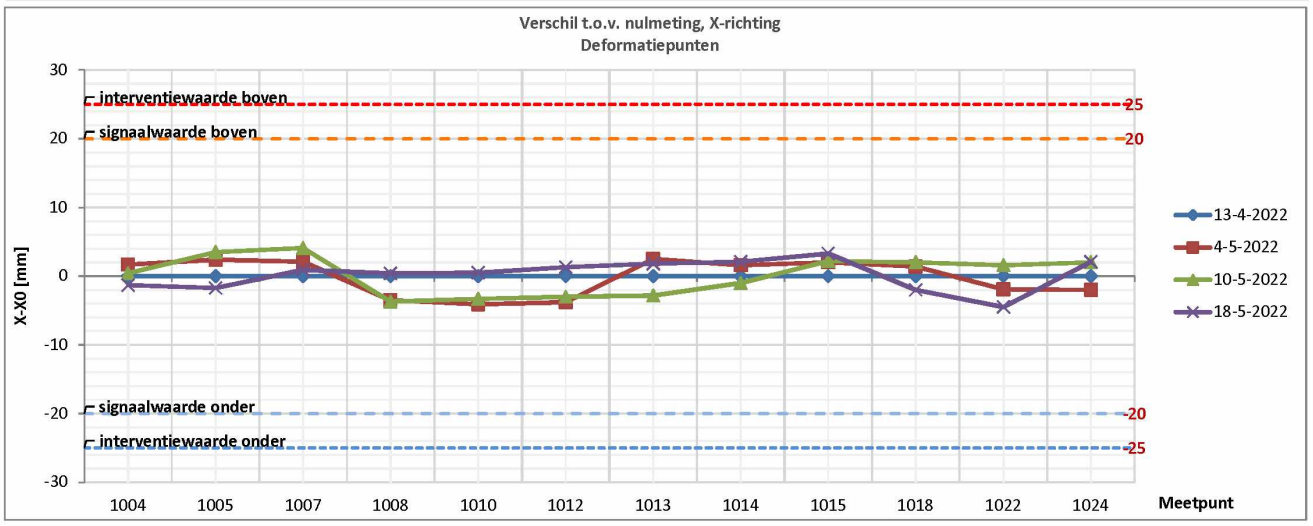
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, X-richting in [mm]													
X-X0	1004	1005	1007	1008	1010	1012	1013	1014	1015	1018	1022	1024	Opmerking
afstand =	0.0	10.1	21.7	31.6	42.8	53.9	69.0	81.5	94.6	109.0	119.5	128.6	
13-4-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4-5-2022	1.7	2.4	2.1	-3.5	-4.1	-3.8	2.5	1.6	2.0	1.4	-1.9	-2.0	
10-5-2022	0.4	3.5	4.1	-3.7	-3.3	-3.0	-2.8	-1.0	2.2	2.0	1.6	2.0	
18-5-2022	-1.3	-1.7	0.9	0.4	0.5	1.3	1.8	2.1	3.3	-2.0	-4.5	2.1	

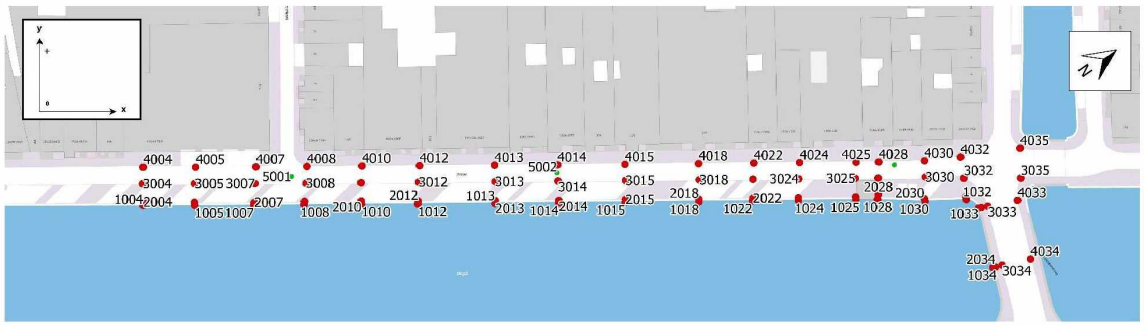




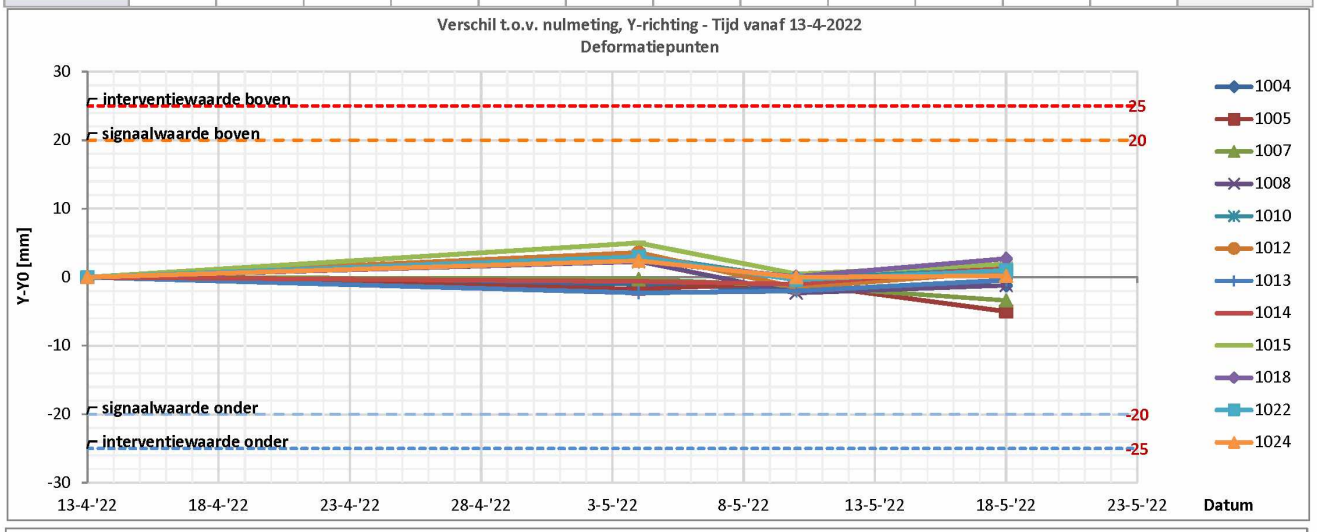
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

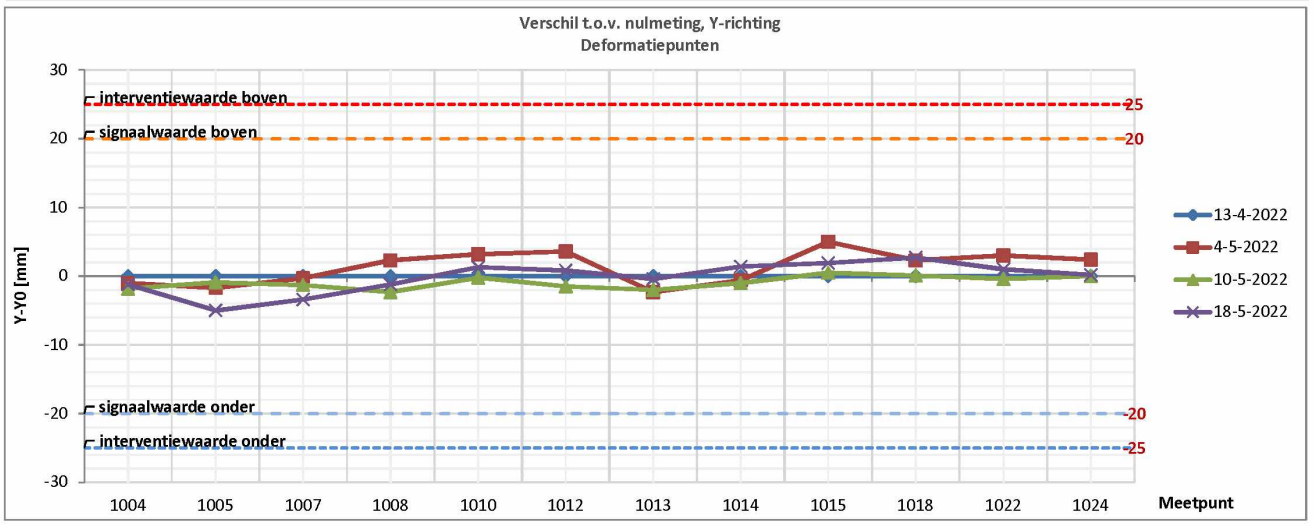
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, Y-richting in [mm]													
Y-Y0	1004	1005	1007	1008	1010	1012	1013	1014	1015	1018	1022	1024	Opmerking
afstand =	0.0	10.1	21.7	31.6	42.8	53.9	69.0	81.5	94.6	109.0	119.5	128.6	
13-4-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4-5-2022	-1.0	-1.7	-0.3	2.3	3.2	3.6	-2.3	-0.6	5.0	2.3	3.0	2.4	
10-5-2022	-1.8	-0.9	-1.3	-2.3	-0.2	-1.5	-2.0	-1.0	0.5	0.1	-0.4	0.0	
18-5-2022	-1.2	-5.0	-3.4	-1.2	1.3	0.8	-0.4	1.4	1.9	2.7	1.0	0.2	

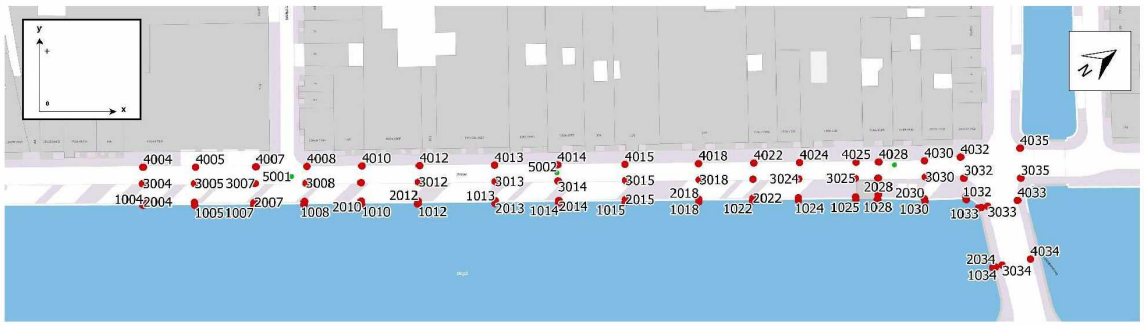




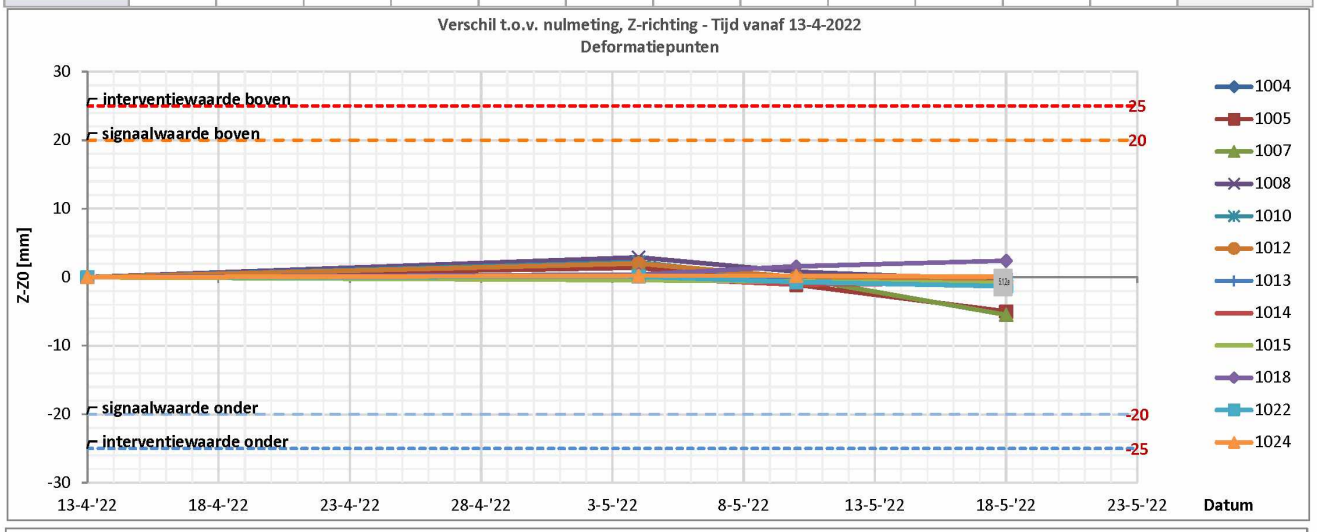
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

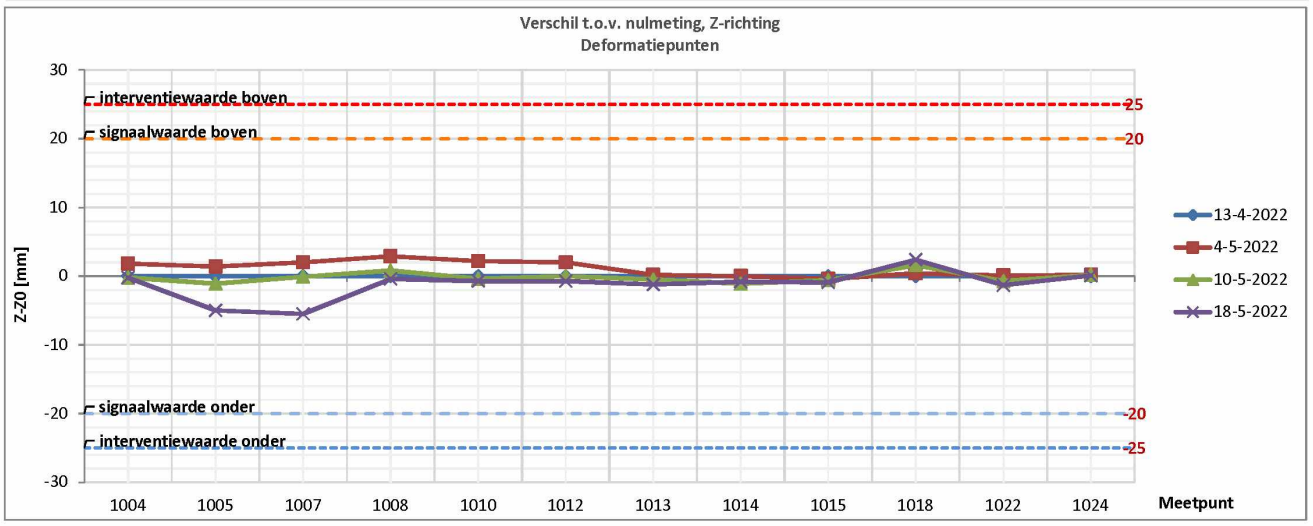
BouwRisk

73o6 15-11-2021



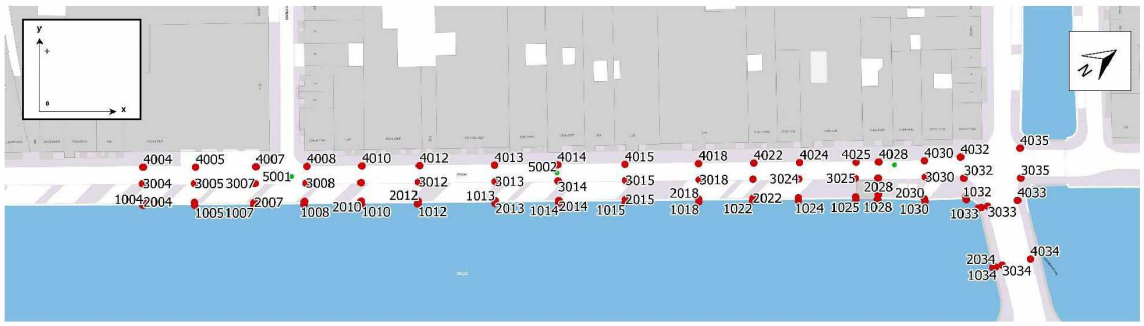
Verschil t.o.v. nulmeting, Z-richting in [mm]													
Z-Z0	1004	1005	1007	1008	1010	1012	1013	1014	1015	1018	1022	1024	Opmerking
afstand =	0.0	10.1	21.7	31.6	42.8	53.9	69.0	81.5	94.6	109.0	119.5	128.6	
13-4-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4-5-2022	1.8	1.4	2.0	2.9	2.2	2.0	0.2	0.0	-0.4	0.4	0.1	0.2	
10-5-2022	-0.2	-1.1	-0.1	0.8	-0.4	0.0	-0.5	-1.1	-0.6	1.6	-0.7	0.2	
18-5-2022	-0.2	-5.0	-5.5	-0.4	-0.7	-0.7	-1.2	-0.8	-0.9	2.4	-1.3	0.1	



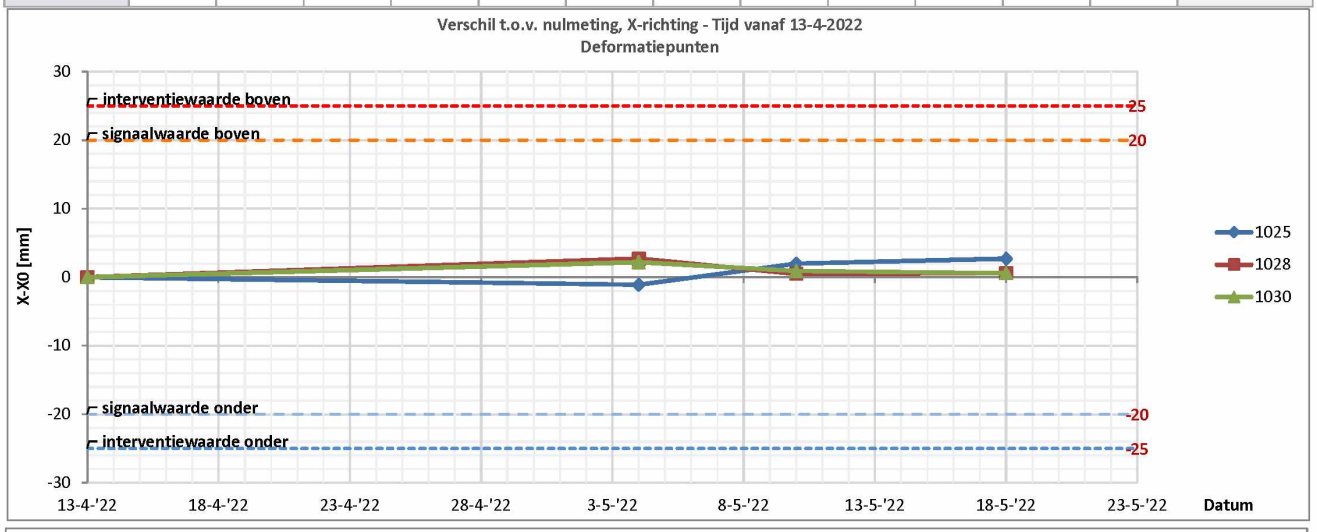


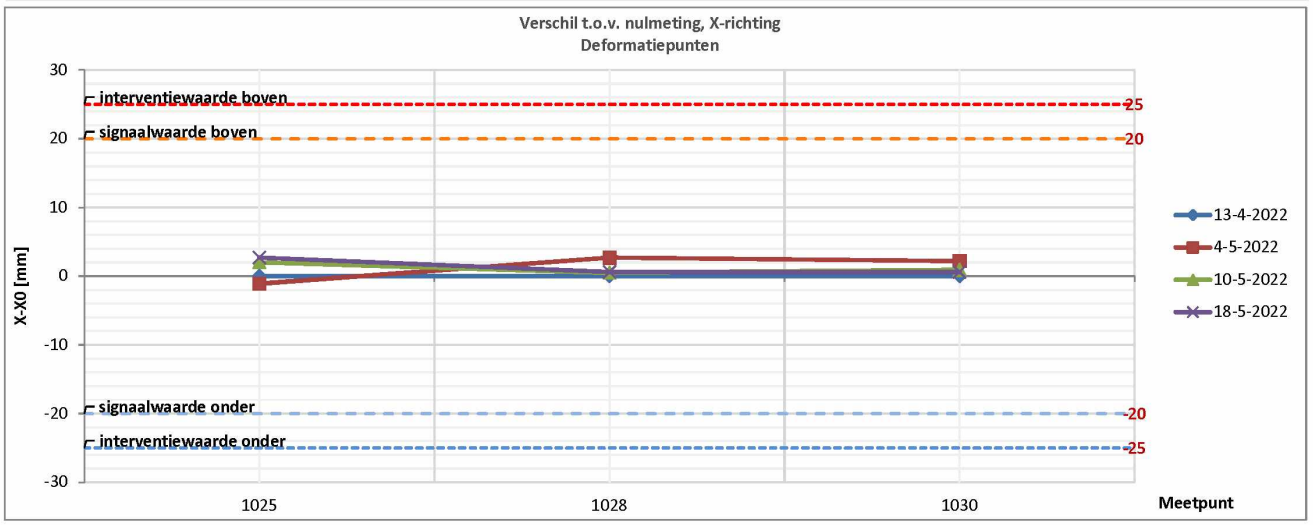
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

73o6 15-11-2021



Verschil t.o.v. nulmeting, X-richting in [mm]													
X-X0	1025	1028	1030										Opmerking
afstand =	0.0	4.3	13.6										
13-4-2022	0.0	0.0	0.0										
4-5-2022	-1.1	2.7	2.2										
10-5-2022	2.0	0.5	0.9										
18-5-2022	2.7	0.6	0.6										

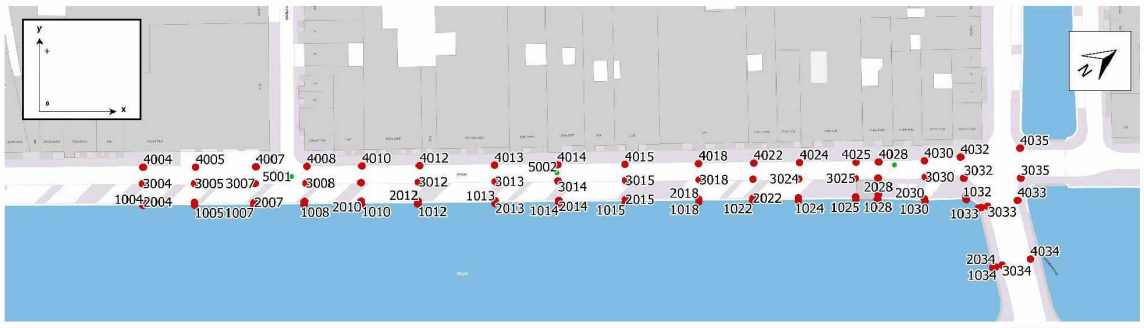




Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

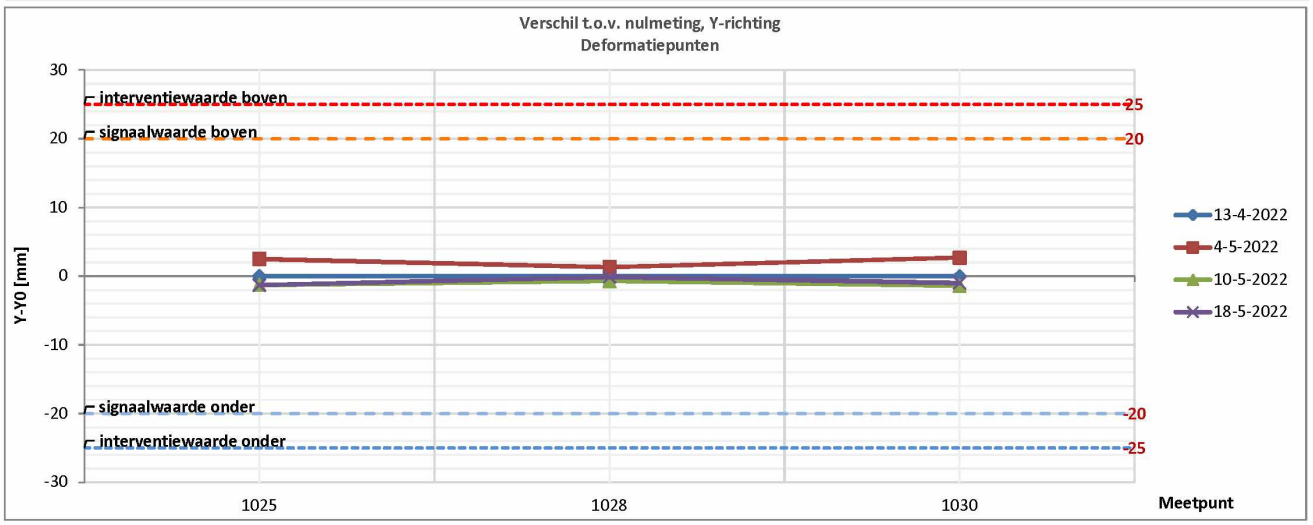
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, Y-richting in [mm]													
Y-Y0	1025	1028	1030										Opmerking
afstand =	0.0	4.3	13.6										
13-4-2022	0.0	0.0	0.0										
4-5-2022	2.5	1.3	2.7										
10-5-2022	-1.3	-0.7	-1.4										
18-5-2022	-1.3	-0.1	-1.0										

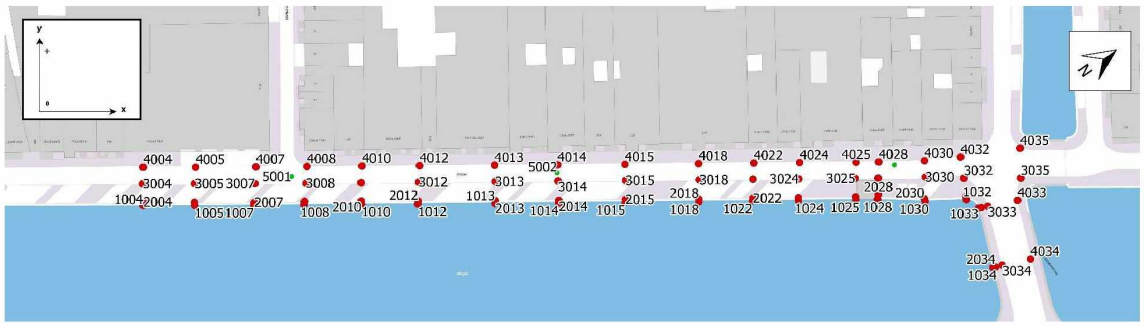




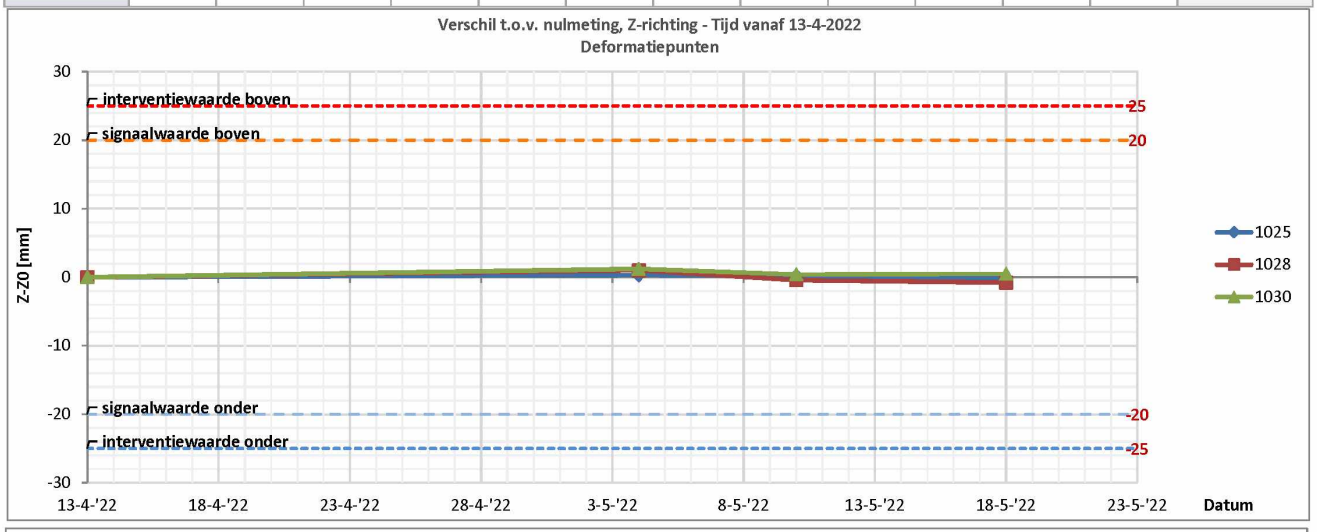
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

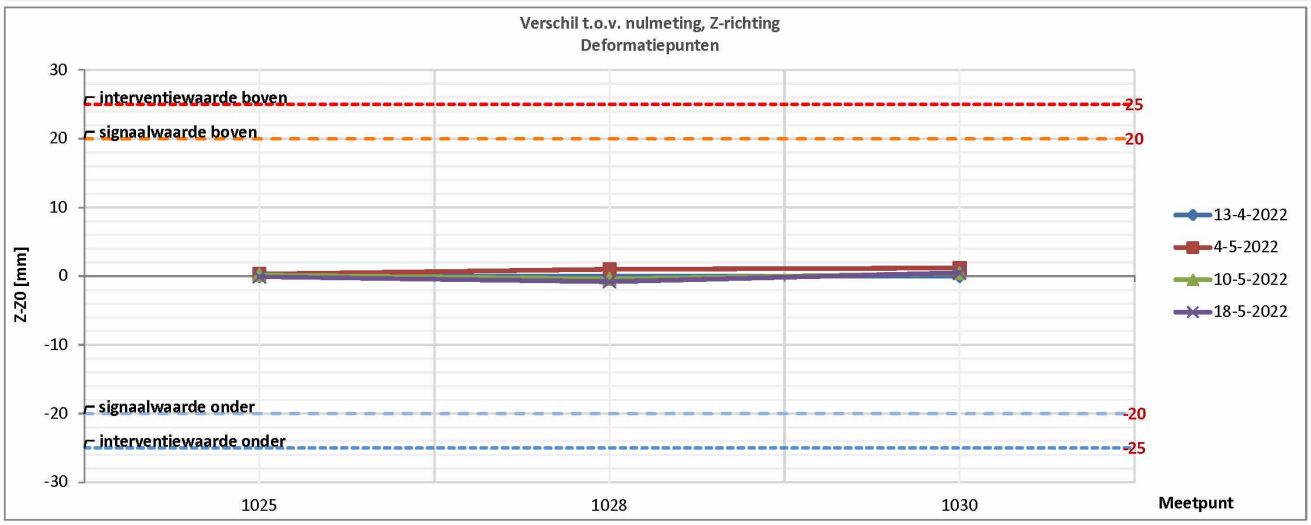
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, Z-richting in [mm]													
Z-Z0	1025	1028	1030										Opmerking
afstand =	0.0	4.3	13.6										
13-4-2022	0.0	0.0	0.0										
4-5-2022	0.3	1.0	1.2										
10-5-2022	0.2	-0.4	0.4										
18-5-2022	-0.1	-0.8	0.5										

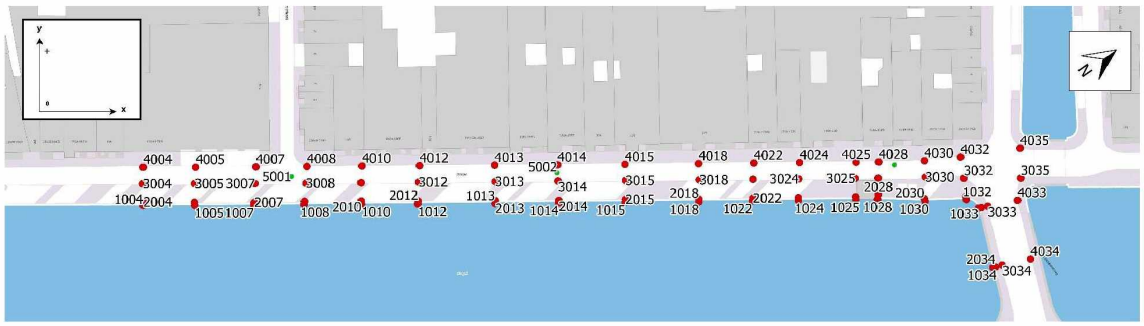




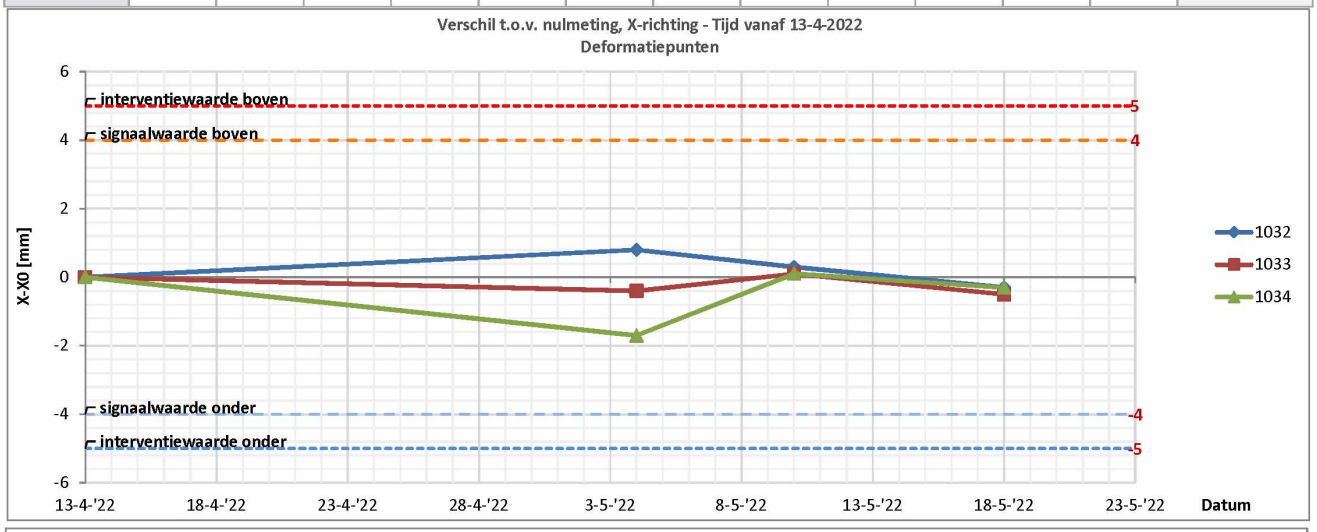
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

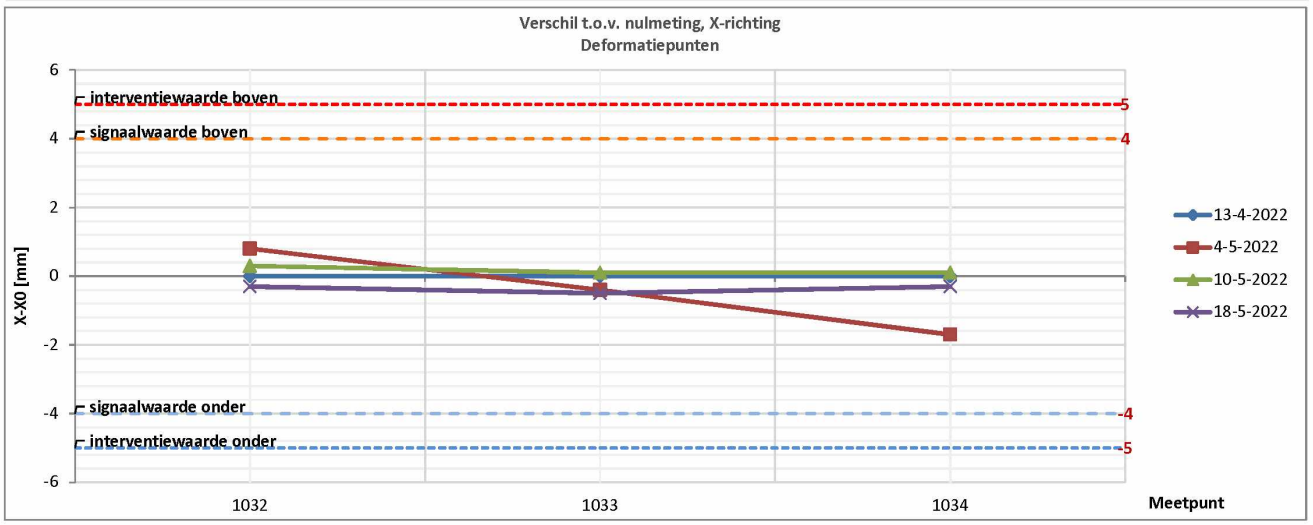
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, X-richting in [mm]													
X-X0	1032	1033	1034										Opmerking
afstand =	0.0	3.0	14.9										
13-4-2022	0.0	0.0	0.0										
4-5-2022	0.8	-0.4	-1.7										
10-5-2022	0.3	0.1	0.1										
18-5-2022	-0.3	-0.5	-0.3										

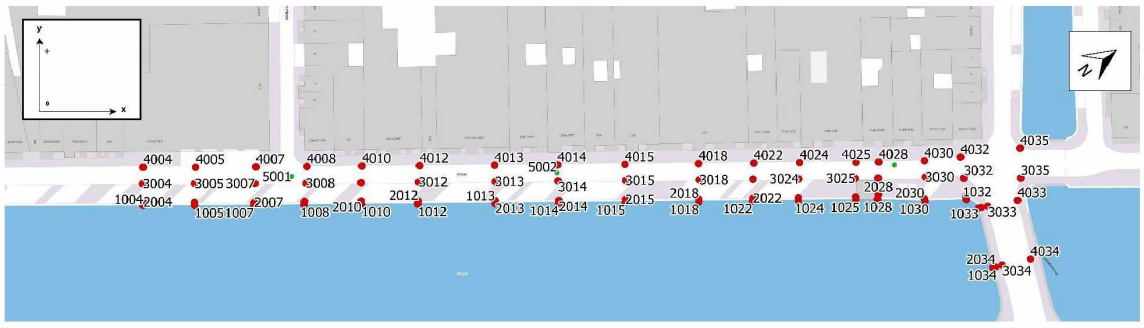




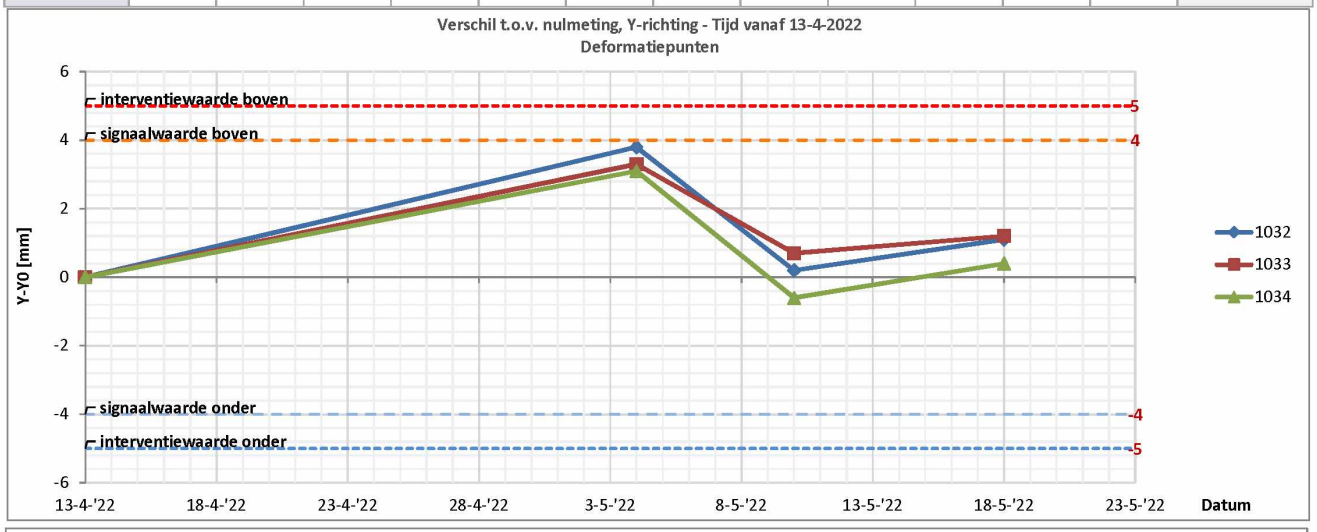
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

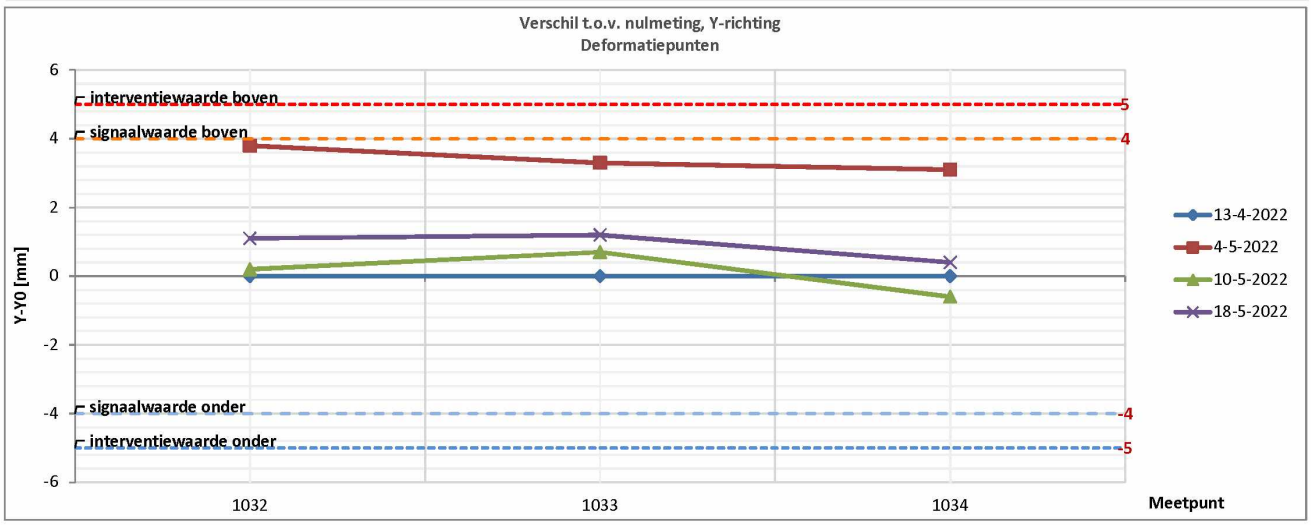
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, Y-richting in [mm]													
Y-Y0	1032	1033	1034										Opmerking
afstand =	0.0	3.0	14.9										
13-4-2022	0.0	0.0	0.0										
4-5-2022	3.8	3.3	3.1										
10-5-2022	0.2	0.7	-0.6										
18-5-2022	1.1	1.2	0.4										

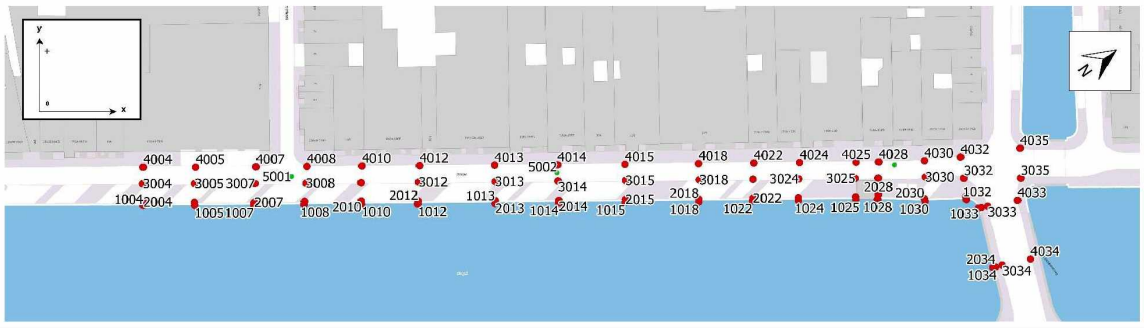




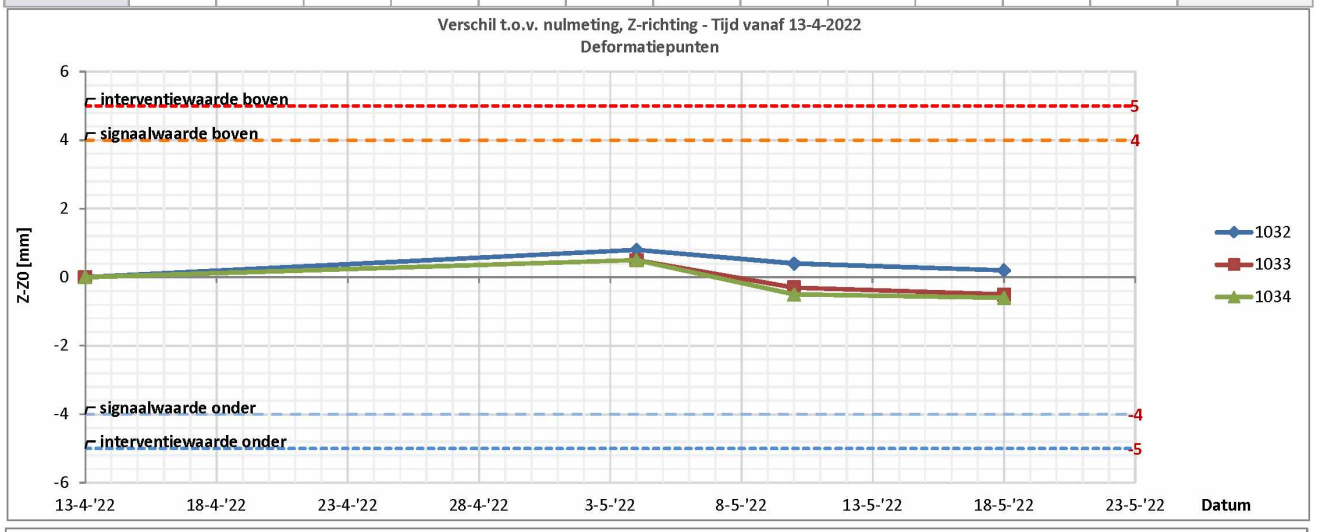
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

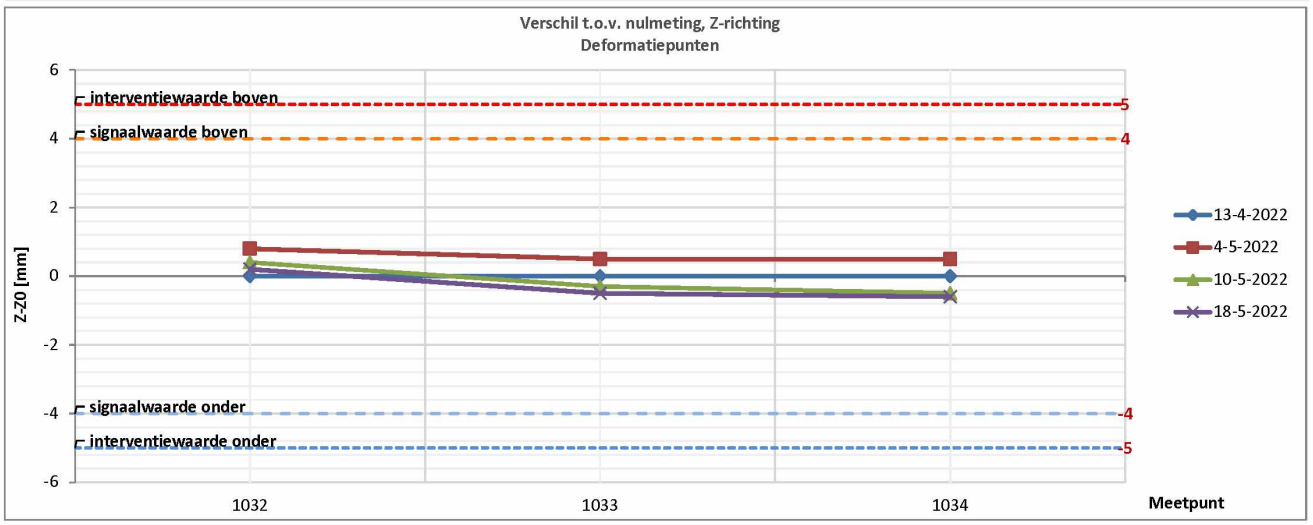
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, Z-richting in [mm]													
Z-Z0	1032	1033	1034										Opmerking
afstand =	0.0	3.0	14.9										
13-4-2022	0.0	0.0	0.0										
4-5-2022	0.8	0.5	0.5										
10-5-2022	0.4	-0.3	-0.5										
18-5-2022	0.2	-0.5	-0.6										

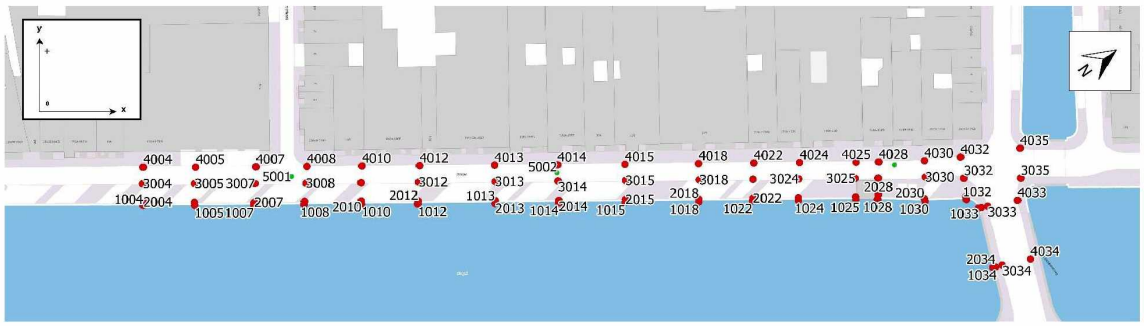




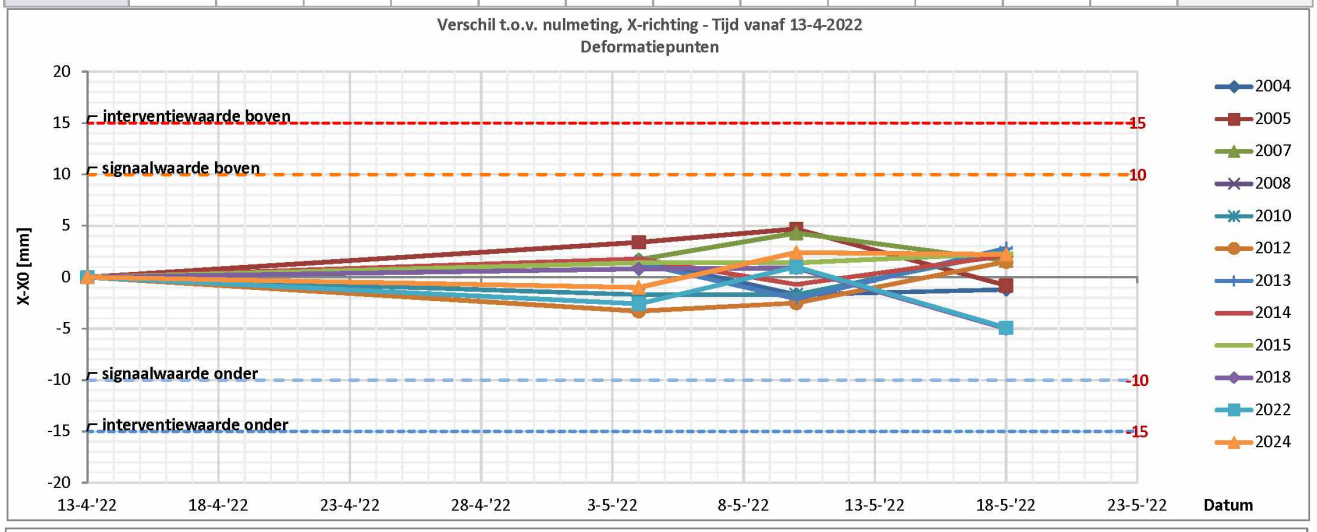
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

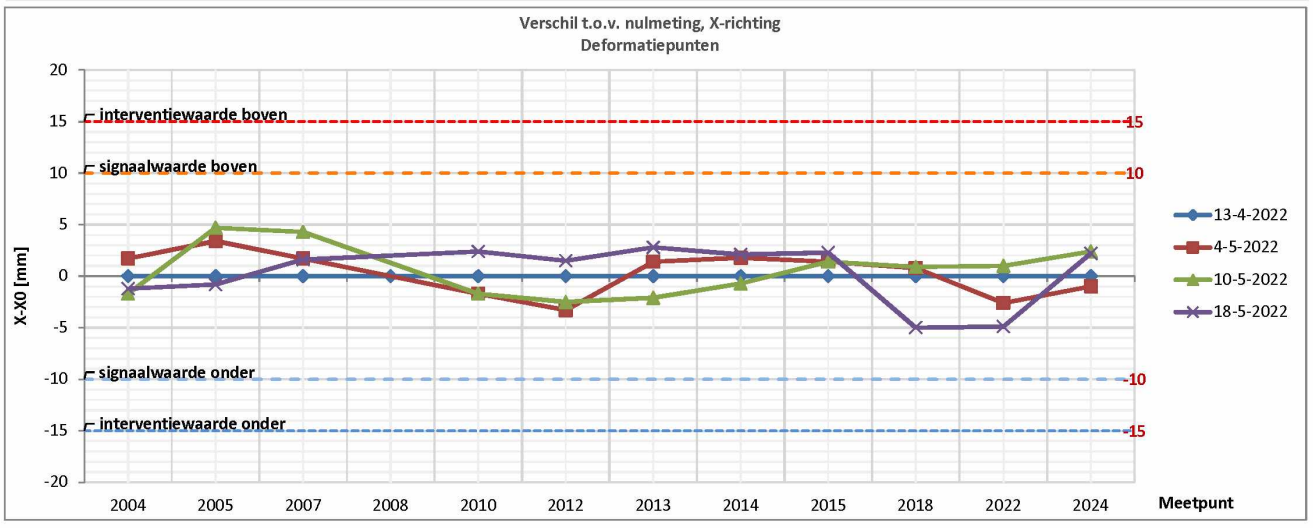
BouwRisk

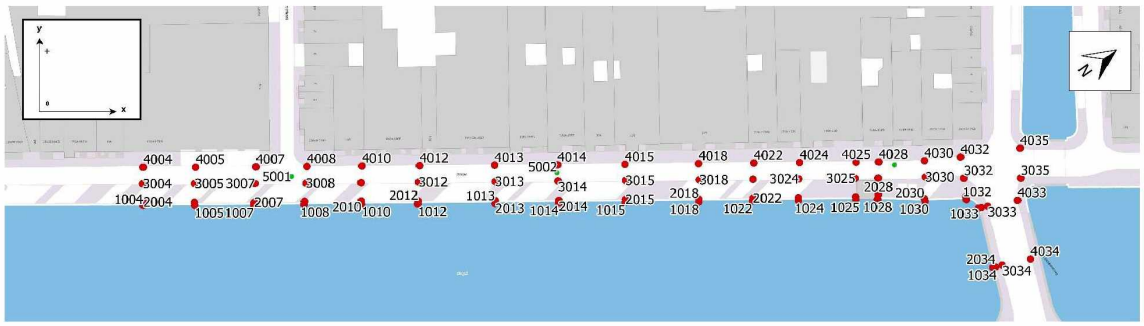
73o6 15-11-2021



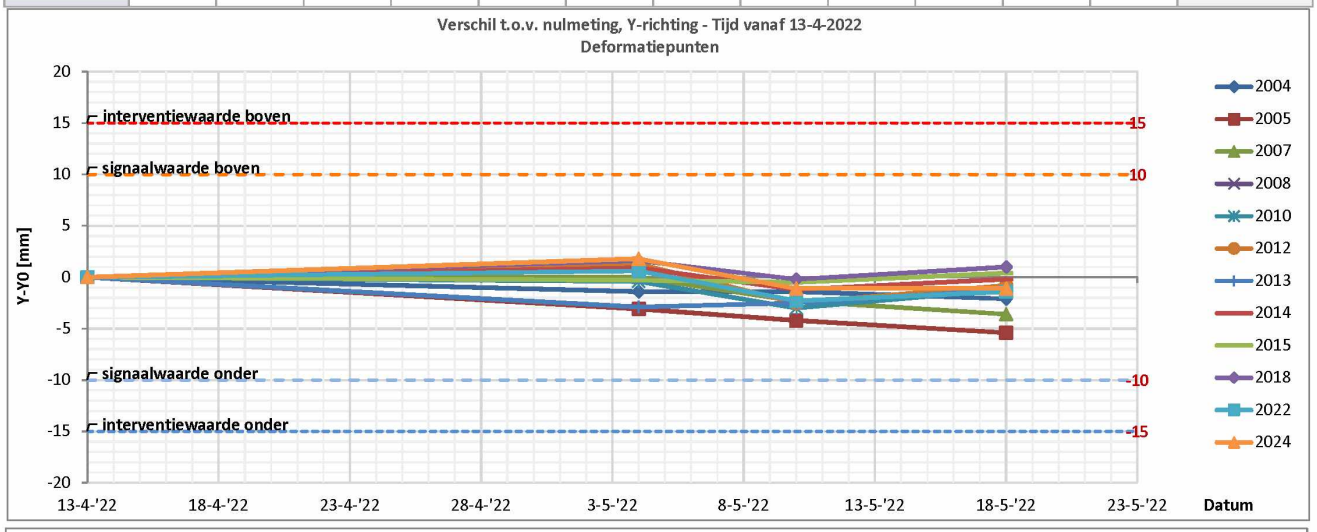
Verschil t.o.v. nulmeting, X-richting in [mm]													
X-X0	2004	2005	2007	2008	2010	2012	2013	2014	2015	2018	2022	2024	Opmerking
afstand =	0.0	10.1	21.8	31.7	42.8	54.0	69.1	81.5	94.6	109.0	119.6	128.6	
13-4-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4-5-2022	1.7	3.4	1.7		-1.7	-3.3	1.4	1.8	1.4	0.8	-2.6	-1.0	
10-5-2022	-1.7	4.7	4.3		-1.7	-2.5	-2.1	-0.7	1.4	0.9	1.0	2.4	
18-5-2022	-1.2	-0.8	1.6		2.4	1.5	2.8	2.1	2.3	-5.0	-4.9	2.2	

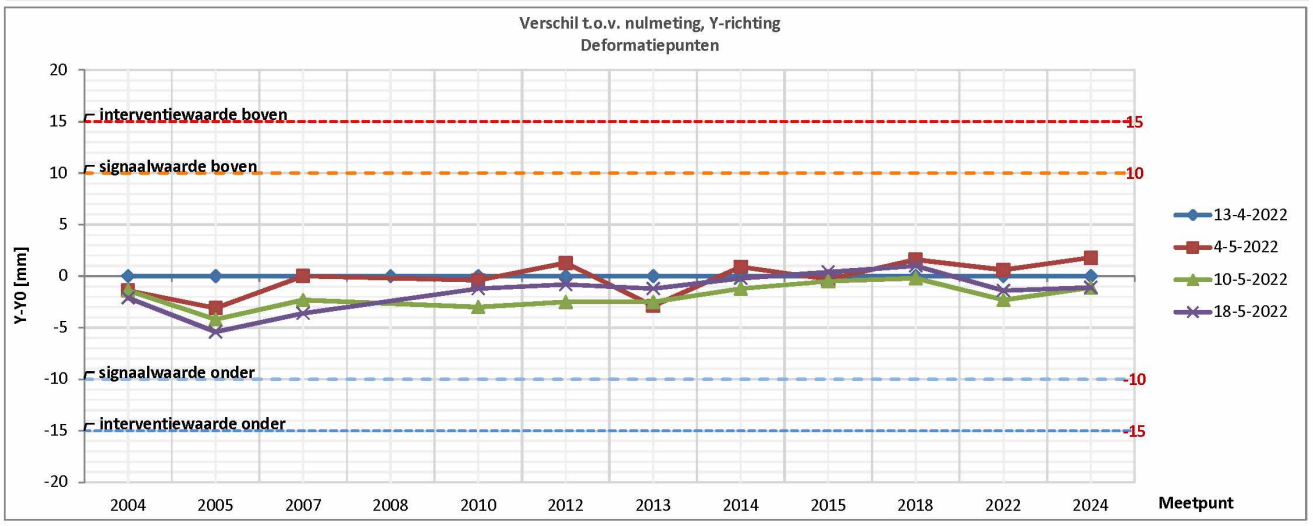






Verschil t.o.v. nulmeting, Y-richting in [mm]													
Y-Y0	2004	2005	2007	2008	2010	2012	2013	2014	2015	2018	2022	2024	Opmerking
afstand =	0.0	10.1	21.8	31.7	42.8	54.0	69.1	81.5	94.6	109.0	119.6	128.6	
13-4-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4-5-2022	-1.4	-3.1	0.0		-0.4	1.3	-2.9	0.9	-0.3	1.6	0.6	1.8	
10-5-2022	-1.4	-4.2	-2.3		-3.0	-2.5	-2.5	-1.2	-0.5	-0.2	-2.3	-1.1	
18-5-2022	-2.1	-5.4	-3.6		-1.2	-0.8	-1.2	-0.2	0.4	1.0	-1.4	-1.1	

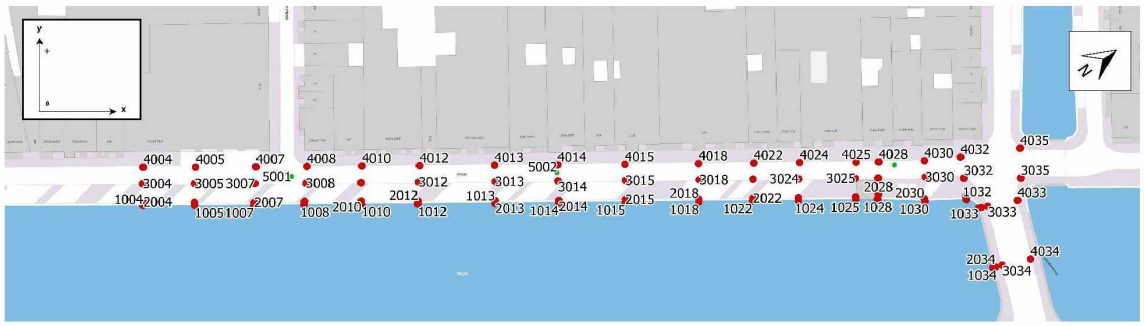




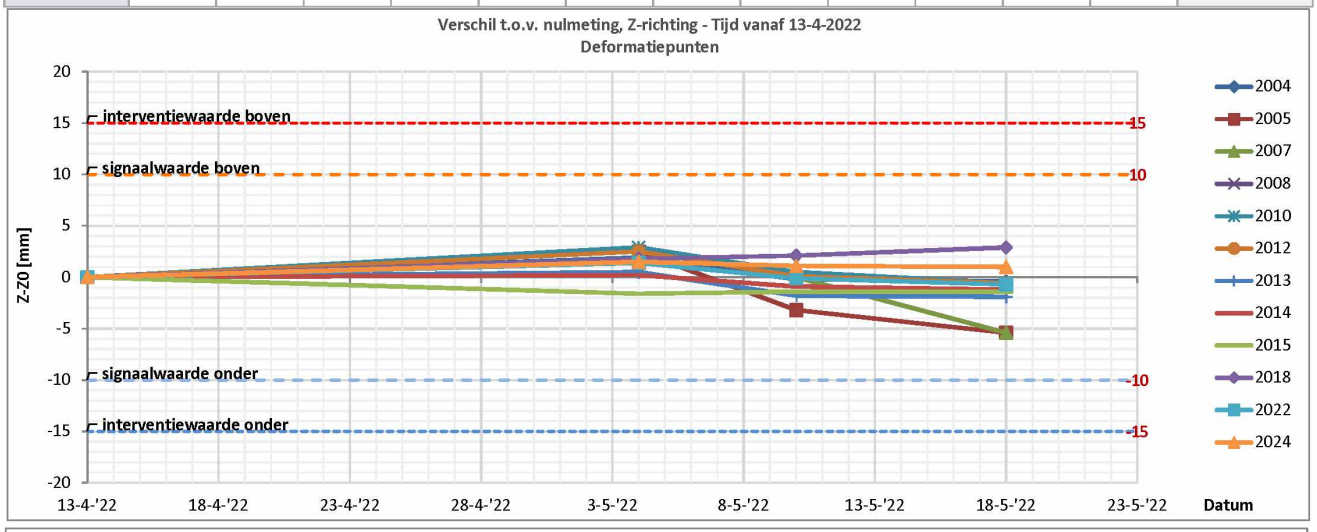
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

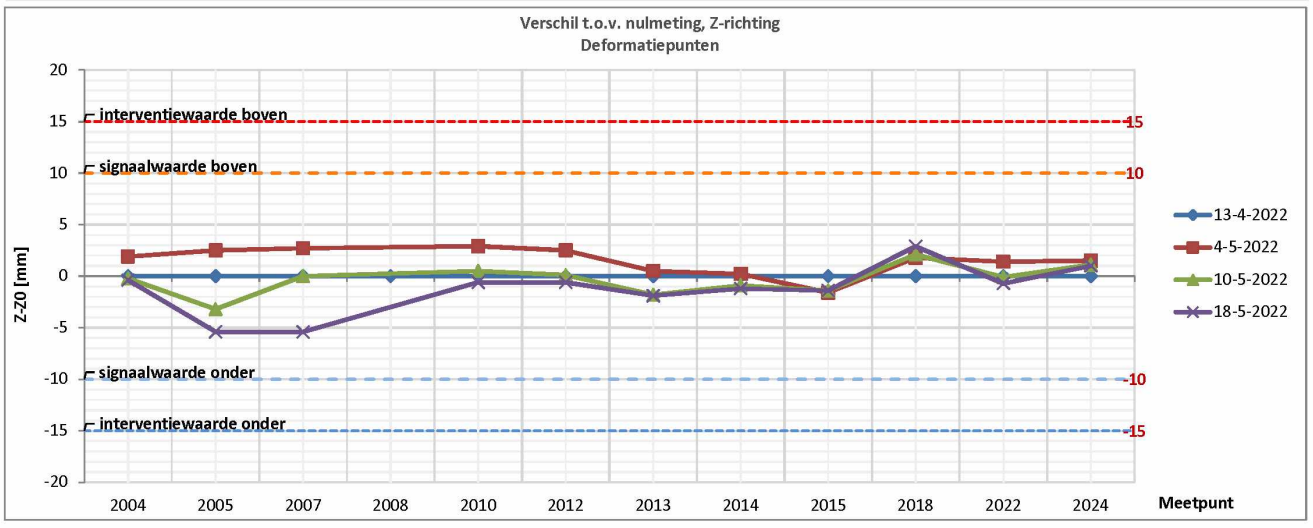
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, Z-richting in [mm]													
Z-Z0	2004	2005	2007	2008	2010	2012	2013	2014	2015	2018	2022	2024	Opmerking
afstand =	0.0	10.1	21.8	31.7	42.8	54.0	69.1	81.5	94.6	109.0	119.6	128.6	
13-4-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4-5-2022	1.9	2.5	2.7		2.9	2.5	0.5	0.2	-1.6	1.8	1.4	1.5	
10-5-2022	-0.2	-3.2	0.0		0.5	0.1	-1.8	-0.9	-1.4	2.1	-0.1	1.1	
18-5-2022	-0.4	-5.4	-5.4		-0.6	-0.6	-1.9	-1.2	-1.4	2.9	-0.7	1.0	

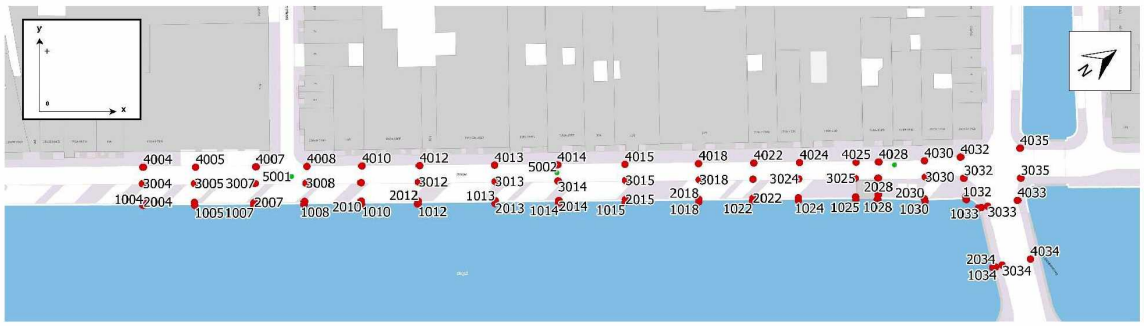




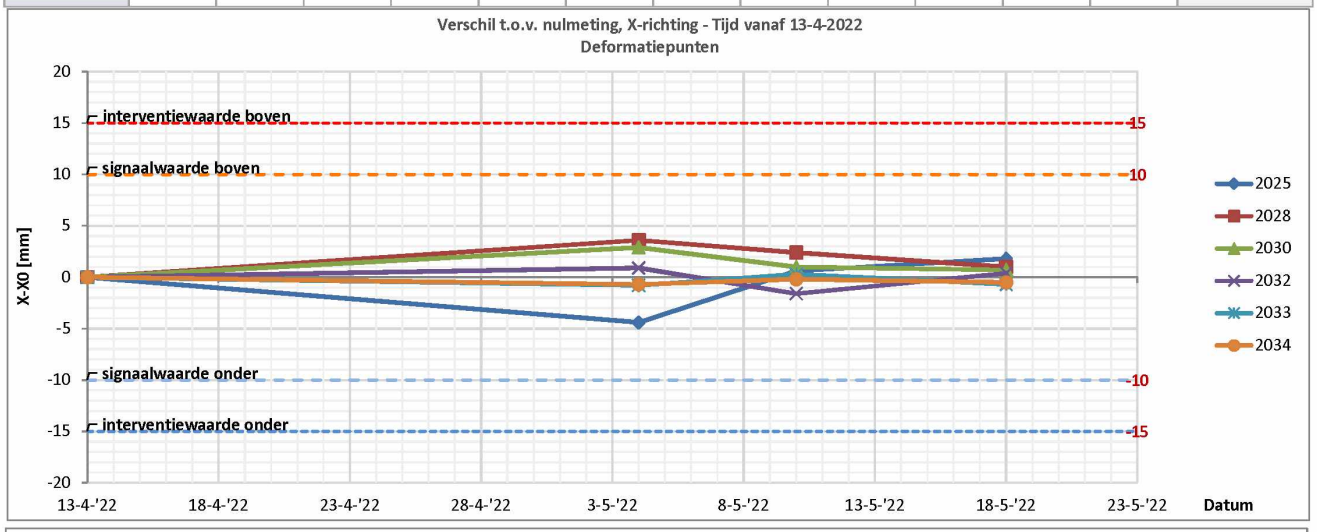
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

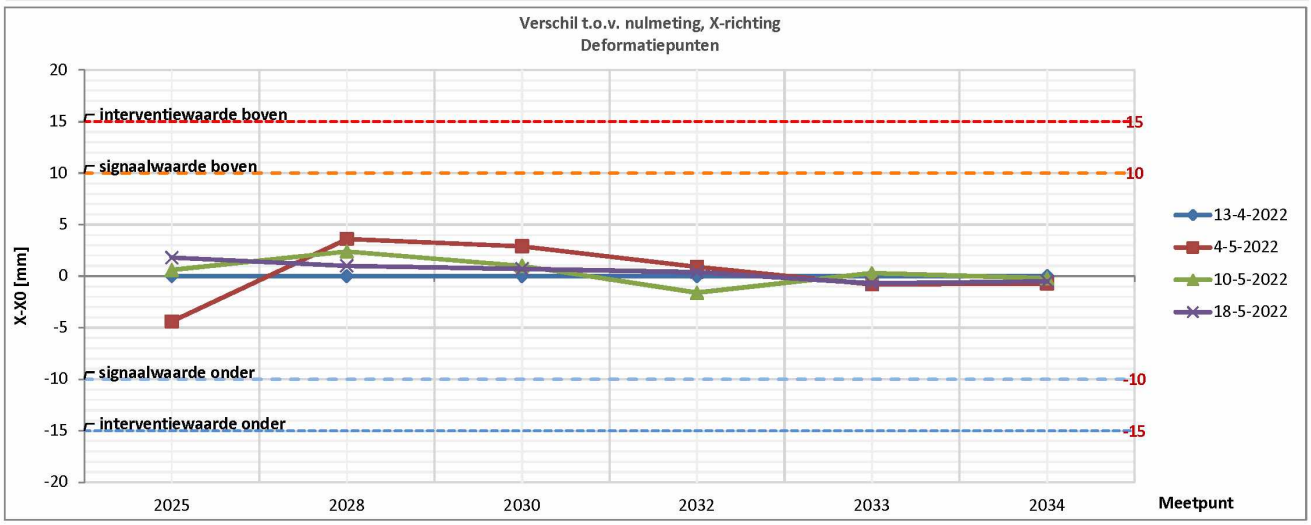
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, X-richting in [mm]													
X-X0	2025	2028	2030	2032	2033	2034							Opmerking
afstand =	0.0	4.5	13.5	21.7	24.7	31.0							
13-4-2022	0.0	0.0	0.0	0.0	0.0	0.0							
4-5-2022	-4.4	3.6	2.9	0.9	-0.8	-0.7							
10-5-2022	0.6	2.4	1.0	-1.6	0.3	-0.2							
18-5-2022	1.8	1.0	0.7	0.4	-0.7	-0.5							

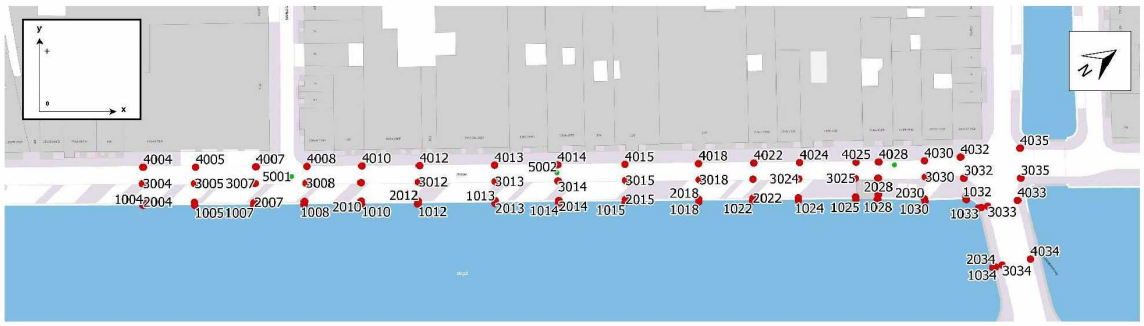




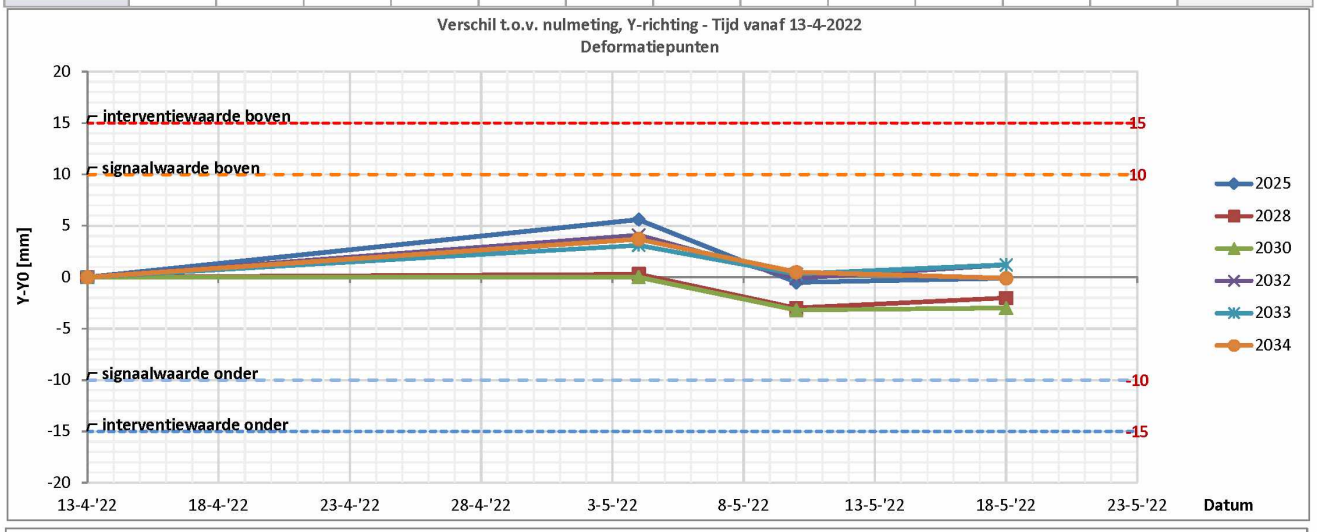
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

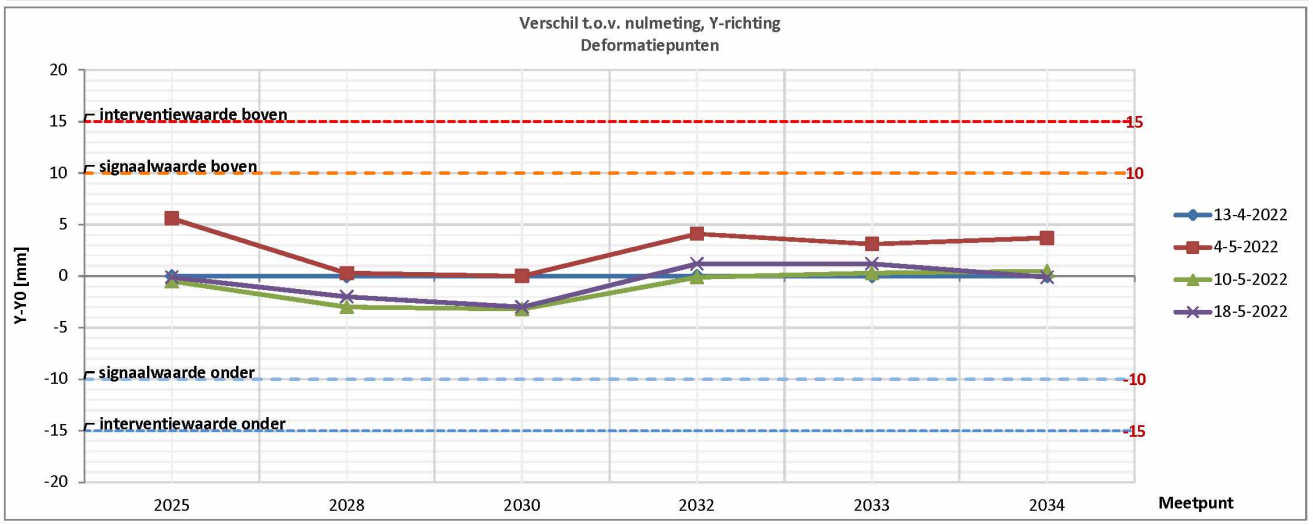
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, Y-richting in [mm]													
Y-Y0	2025	2028	2030	2032	2033	2034							Opmerking
afstand =	0.0	4.5	13.5	21.7	24.7	31.0							
13-4-2022	0.0	0.0	0.0	0.0	0.0	0.0							
4-5-2022	5.6	0.3	0.0	4.1	3.1	3.7							
10-5-2022	-0.5	-3.0	-3.2	-0.1	0.3	0.5							
18-5-2022	-0.1	-2.0	-3.0	1.2	1.2	-0.1							

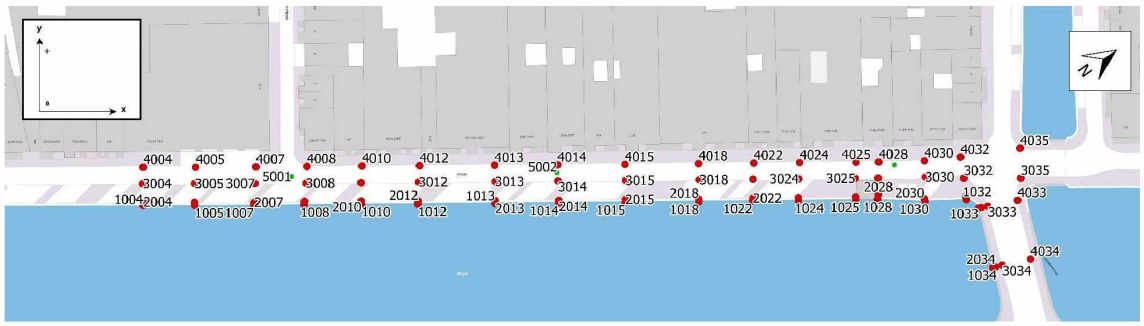




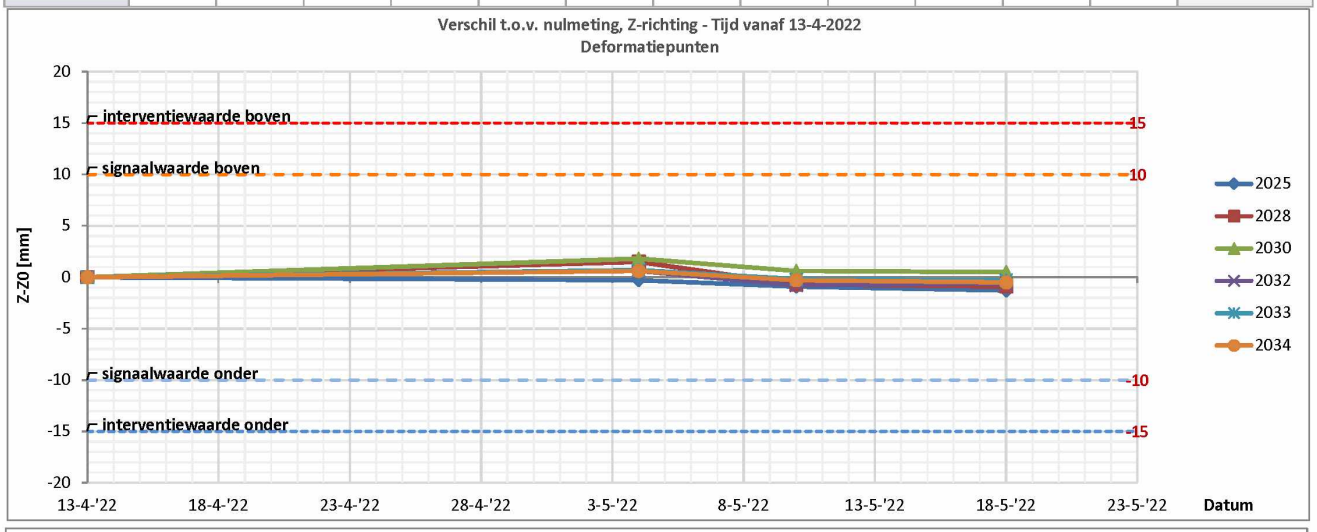
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

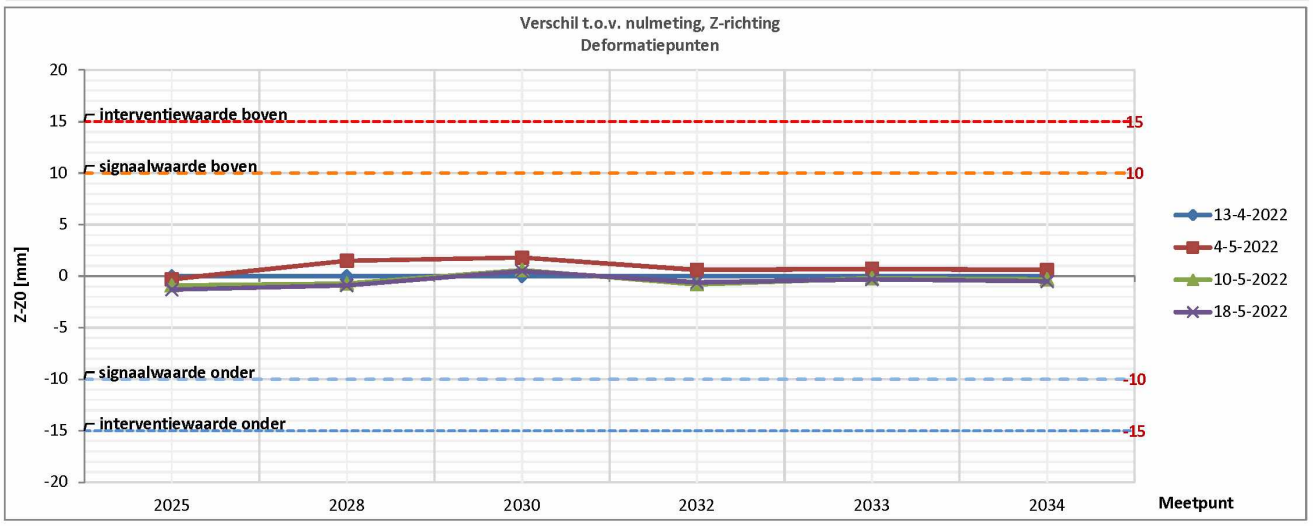
BouwRisk

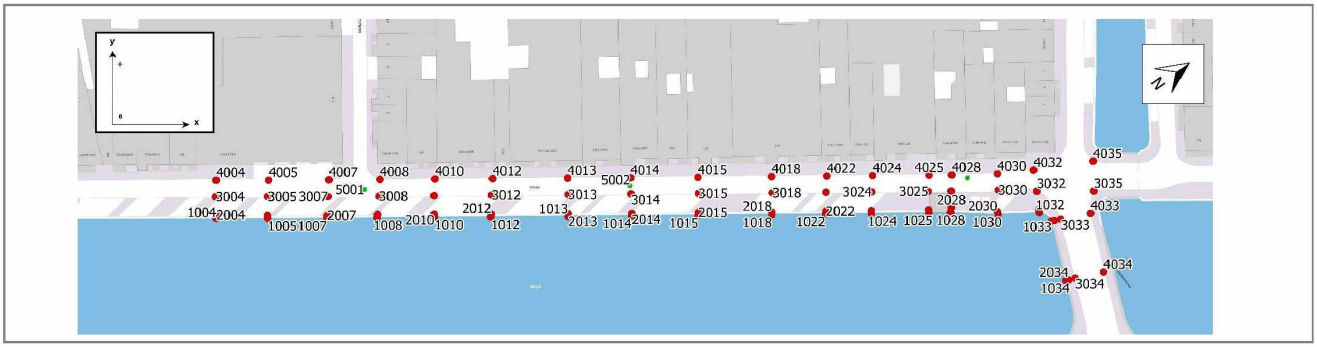
73o6 15-11-2021



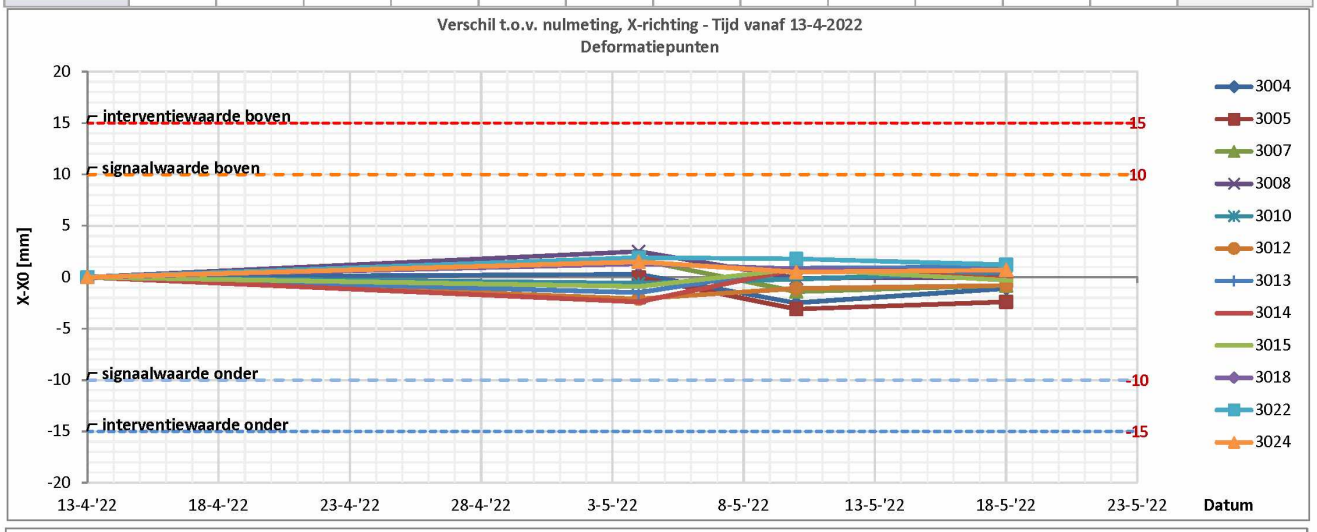
Verschil t.o.v. nulmeting, Z-richting in [mm]													
Z-Z0	**2025**	**2028**	**2030**	**2032**	**2033**	**2034**							**Opmerking**
afstand =	0.0	4.5	13.5	21.7	24.7	31.0							
13-4-2022	0.0	0.0	0.0	0.0	0.0	0.0							
4-5-2022	-0.3	1.5	1.8	0.6	0.7	0.6							
10-5-2022	-0.9	-0.7	0.6	-0.8	-0.2	-0.3							
18-5-2022	-1.3	-0.9	0.5	-0.6	-0.3	-0.5							

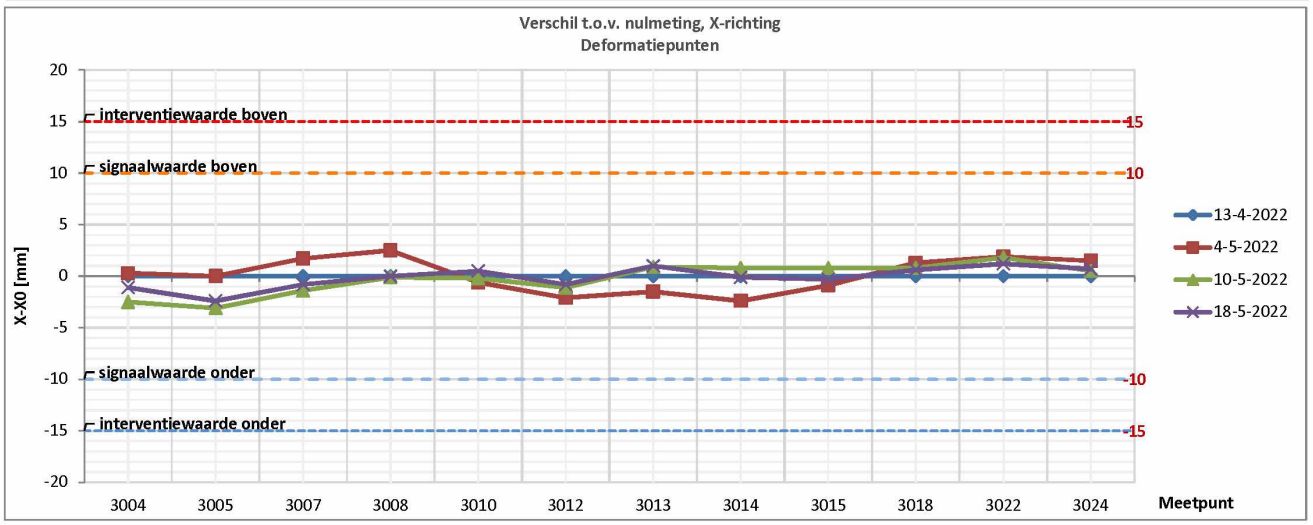






Verschil t.o.v. nulmeting, X-richting in [mm]													
X-X0	3004	3005	3007	3008	3010	3012	3013	3014	3015	3018	3022	3024	Opmerking
afstand =	0.0	10.5	22.0	32.0	42.8	54.1	69.1	81.5	94.7	109.2	119.7	128.7	
13-4-2022	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4-5-2022	0.3	0.0	1.7	2.5	-0.6	-2.1	-1.5	-2.4	-0.9	1.3	1.9	1.5	
10-5-2022	-2.5	-3.1	-1.4	-0.1	-0.2	-1.1	0.9	0.8	0.8	0.8	1.8	0.5	
18-5-2022	-1.1	-2.4	-0.8	0.0	0.5	-0.8	1.0	-0.1	-0.3	0.6	1.2	0.7	

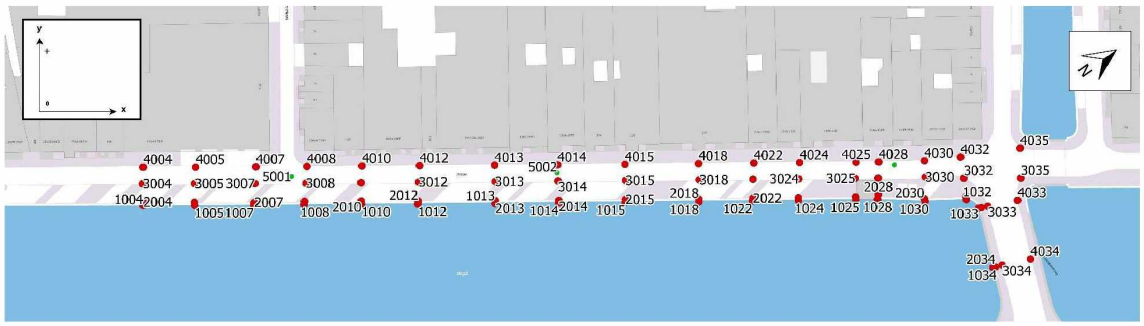




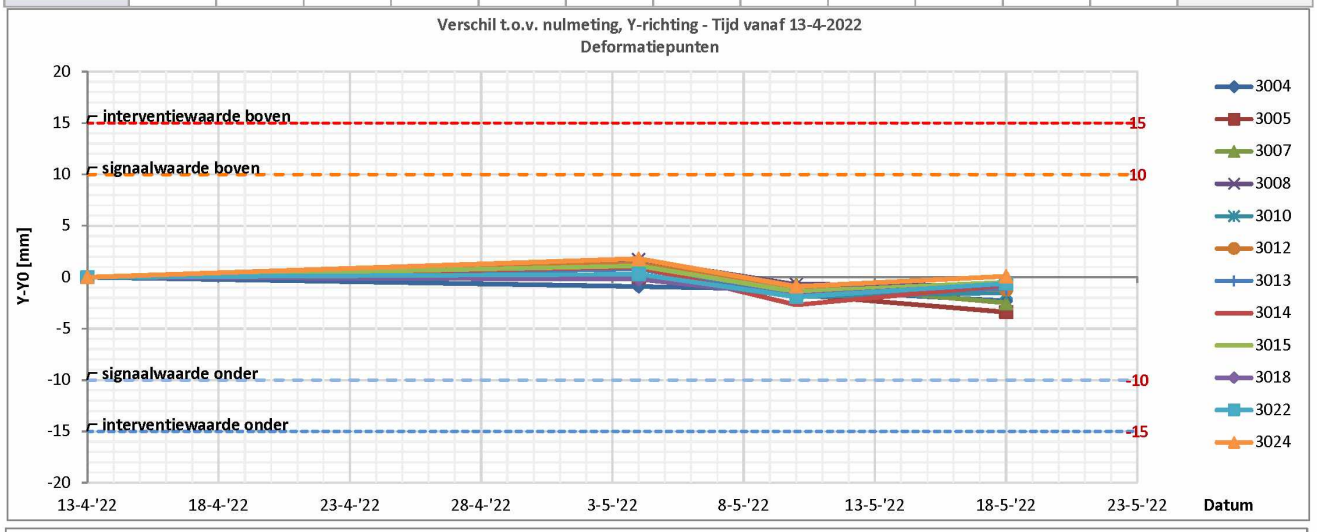
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

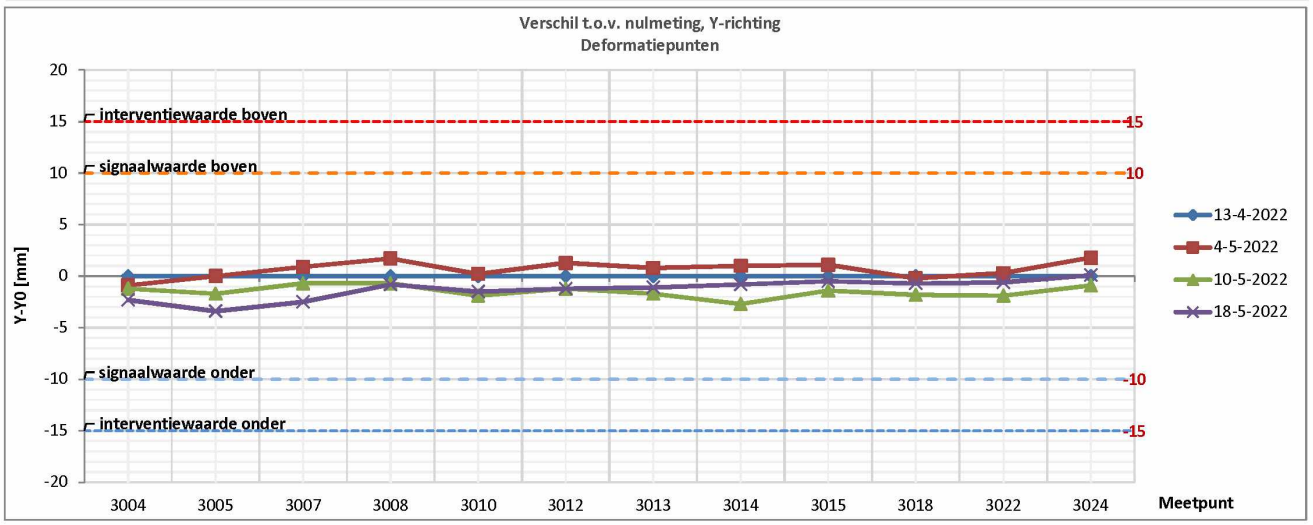
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, Y-richting in [mm]													
Y-Y0	3004	3005	3007	3008	3010	3012	3013	3014	3015	3018	3022	3024	Opmerking
afstand =	0.0	10.5	22.0	32.0	42.8	54.1	69.1	81.5	94.7	109.2	119.7	128.7	
13-4-2022	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4-5-2022	-0.9	0.0	0.9	1.7	0.2	1.3	0.8	1.0	1.1	-0.2	0.3	1.8	
10-5-2022	-1.2	-1.7	-0.7	-0.7	-1.9	-1.2	-1.7	-2.7	-1.4	-1.8	-1.9	-0.9	
18-5-2022	-2.3	-3.4	-2.5	-0.8	-1.5	-1.2	-1.1	-0.8	-0.5	-0.7	-0.6	0.1	

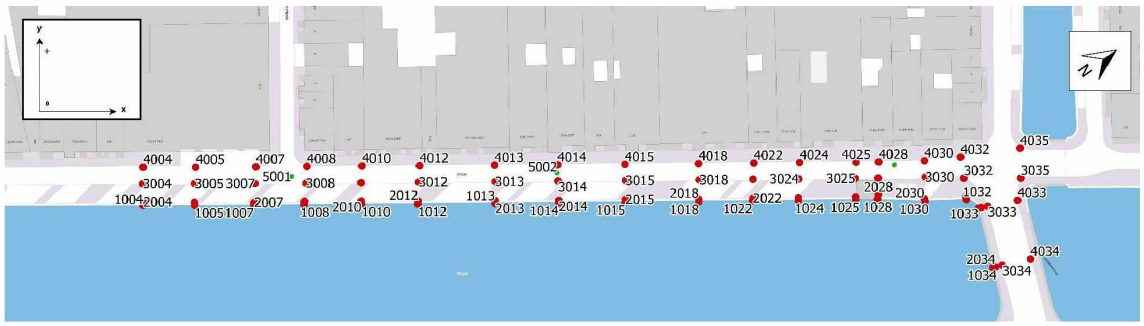




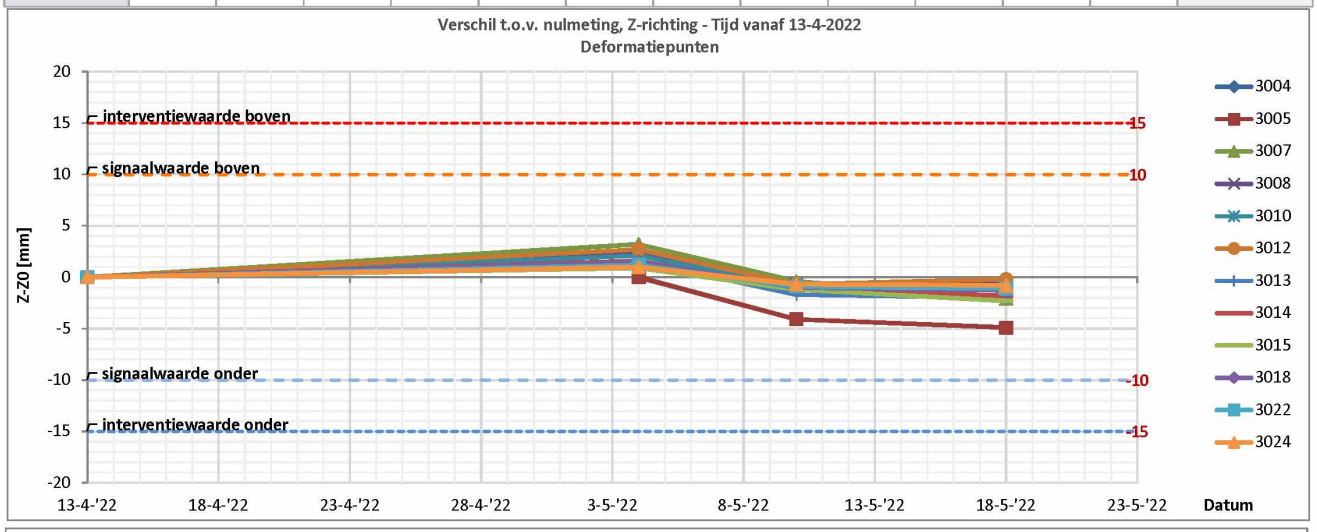
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

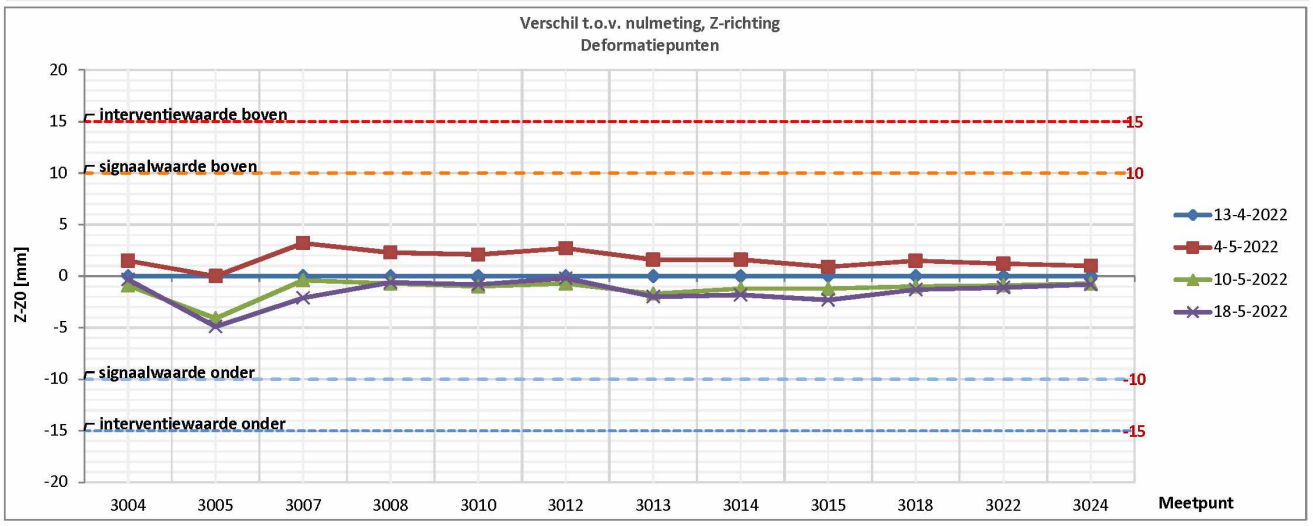
BouwRisk

73o6 15-11-2021



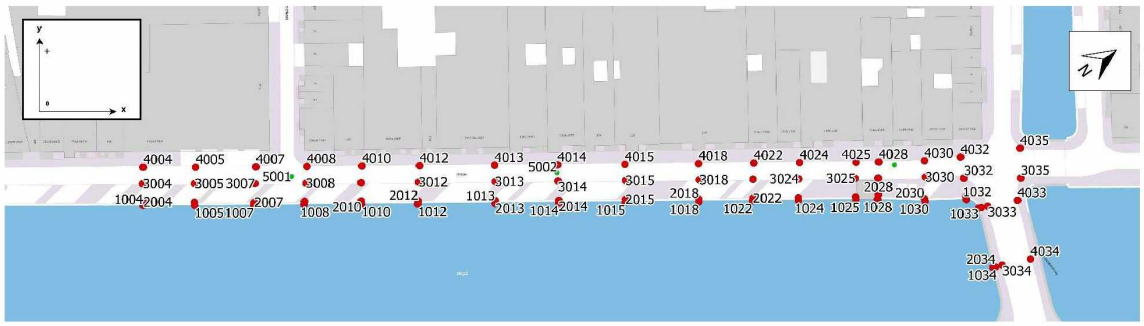
Verschil t.o.v. nulmeting, Z-richting in [mm]													
Z-Z0	3004	3005	3007	3008	3010	3012	3013	3014	3015	3018	3022	3024	Opmerking
afstand =	0.0	10.5	22.0	32.0	42.8	54.1	69.1	81.5	94.7	109.2	119.7	128.7	
13-4-2022	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4-5-2022	1.5	0.0	3.2	2.3	2.1	2.7	1.6	1.6	0.9	1.5	1.2	1.0	
10-5-2022	-0.9	-4.1	-0.4	-0.7	-1.0	-0.7	-1.7	-1.2	-1.2	-1.0	-0.9	-0.7	
18-5-2022	-0.3	-4.9	-2.1	-0.6	-0.8	-0.2	-2.0	-1.8	-2.3	-1.3	-1.1	-0.8	



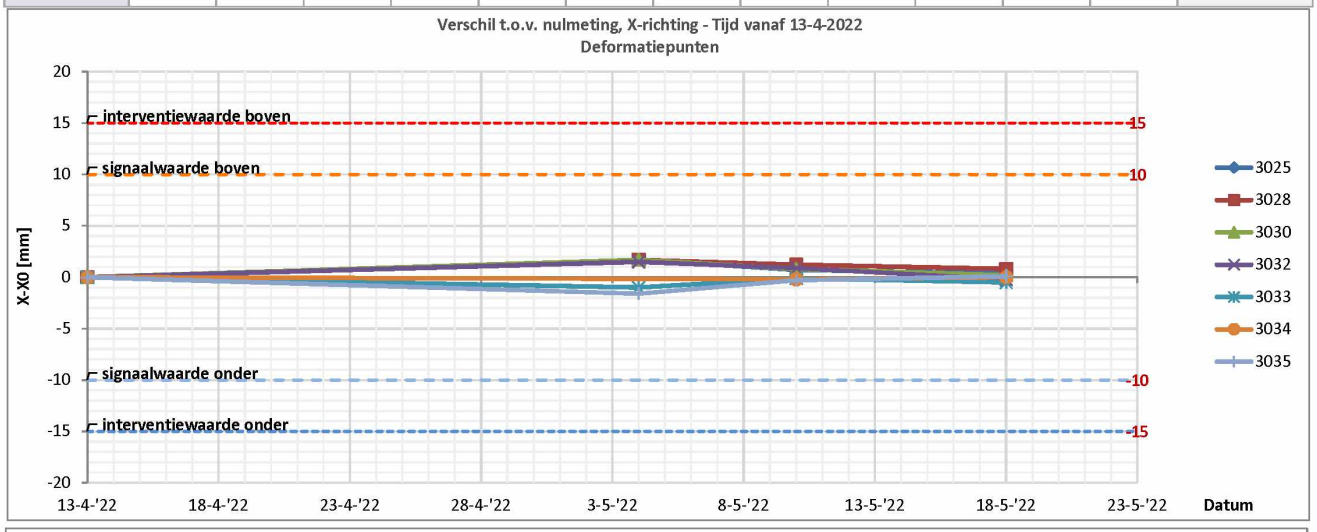


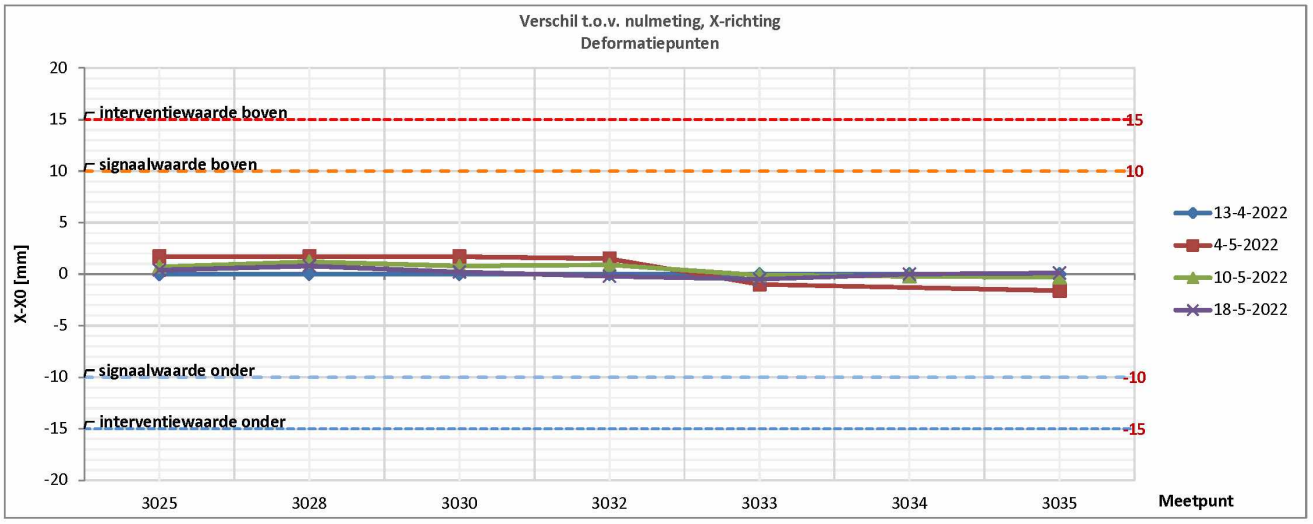
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

BouwRisk



Verschil t.o.v. nulmeting, X-richting in [mm]													
X-X0	3025	3028	3030	3032	3033	3034	3035						Opmerking
afstand =	0.0	4.5	13.7	21.3	26.6	33.8	32.5						
13-4-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
4-5-2022	1.7	1.7	1.7	1.5	-1.0		-1.6						
10-5-2022	0.7	1.2	0.8	0.9	-0.1	-0.2	-0.3						
18-5-2022	0.4	0.8	0.2	-0.2	-0.5	0.0	0.1						

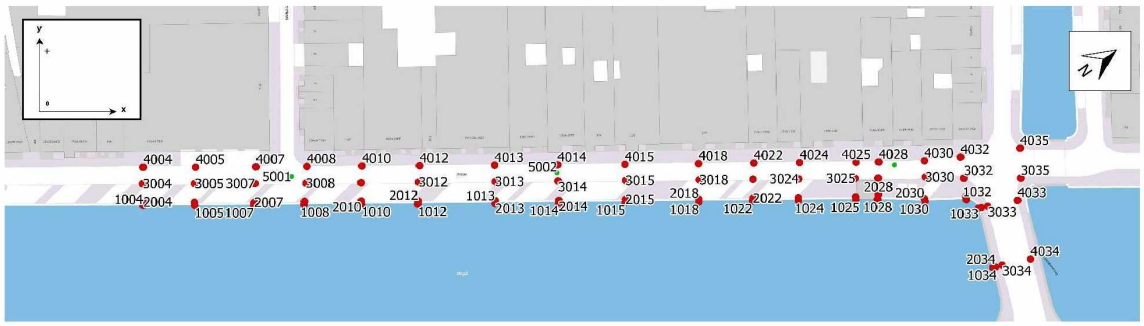




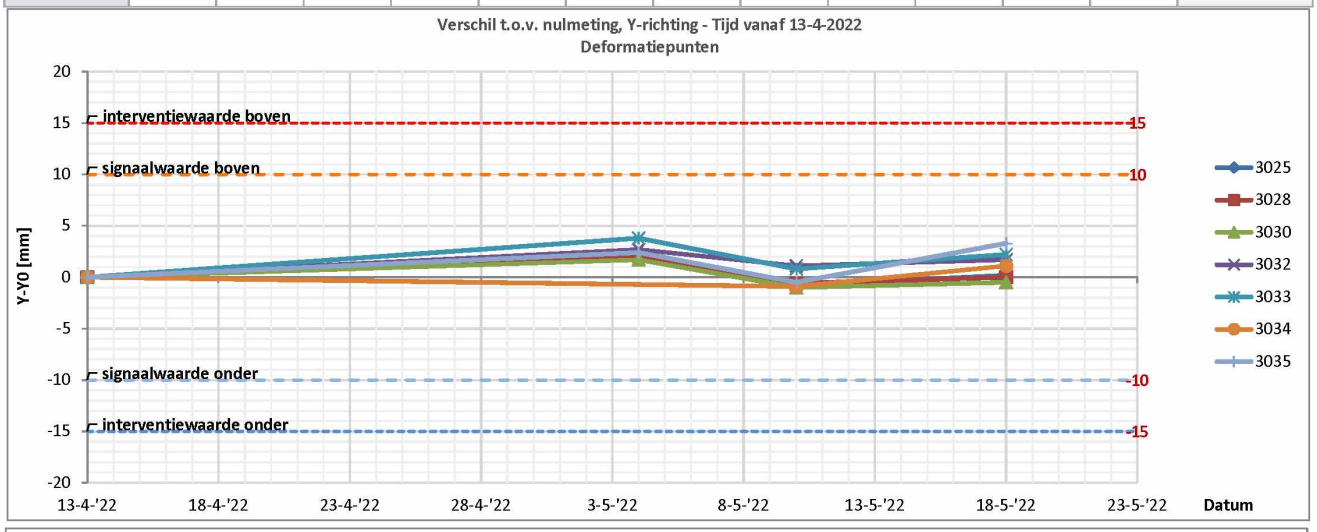
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

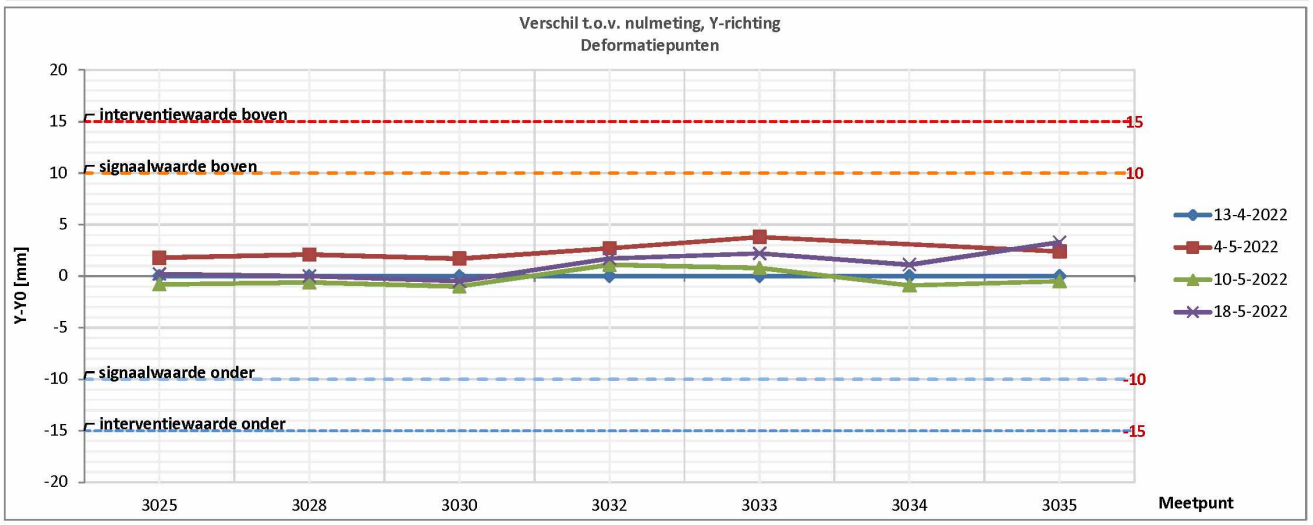
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, Y-richting in [mm]													
Y-Y0	3025	3028	3030	3032	3033	3034	3035						Opmerking
afstand =	0.0	4.5	13.7	21.3	26.6	33.8	32.5						
13-4-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
4-5-2022	1.8	2.1	1.7	2.7	3.8		2.4						
10-5-2022	-0.8	-0.6	-1.0	1.1	0.8	-0.9	-0.5						
18-5-2022	0.2	0.0	-0.5	1.7	2.2	1.1	3.3						

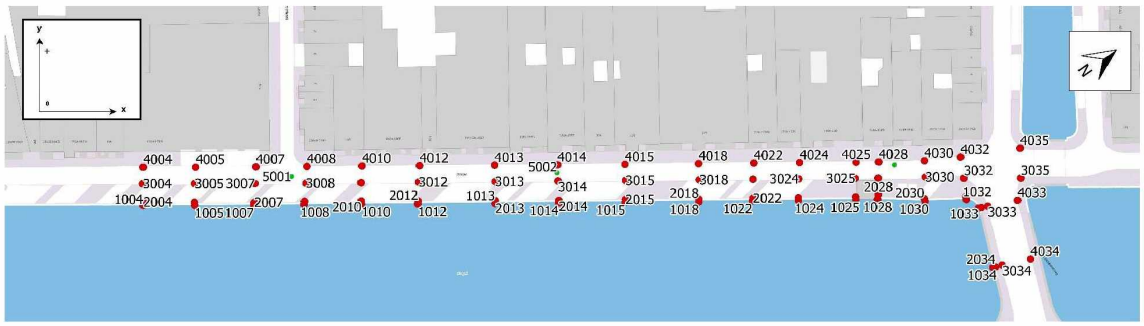




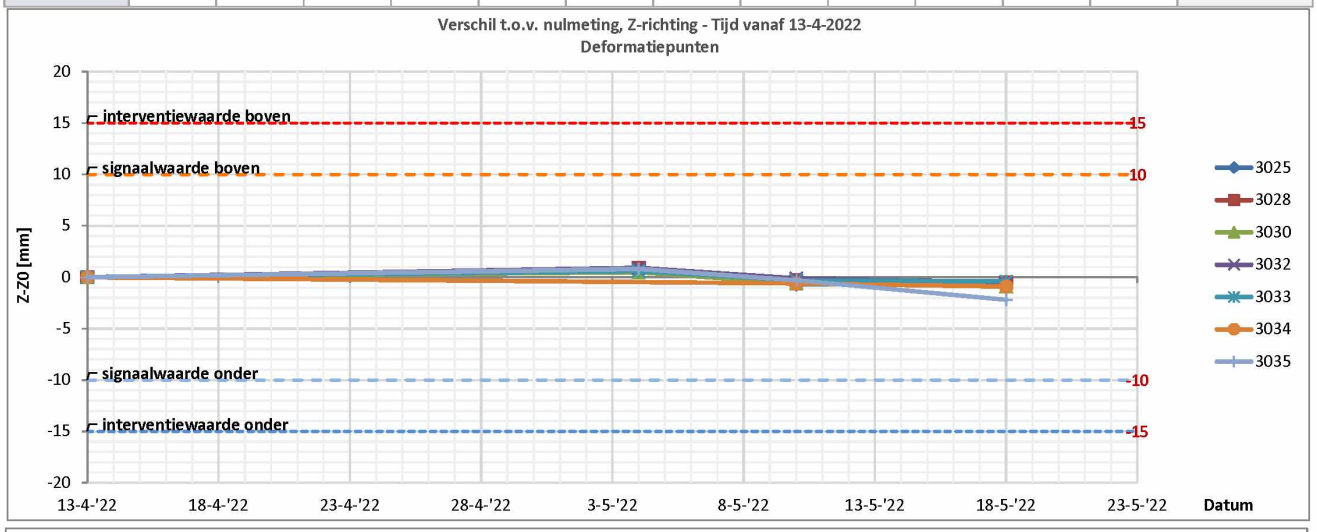
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

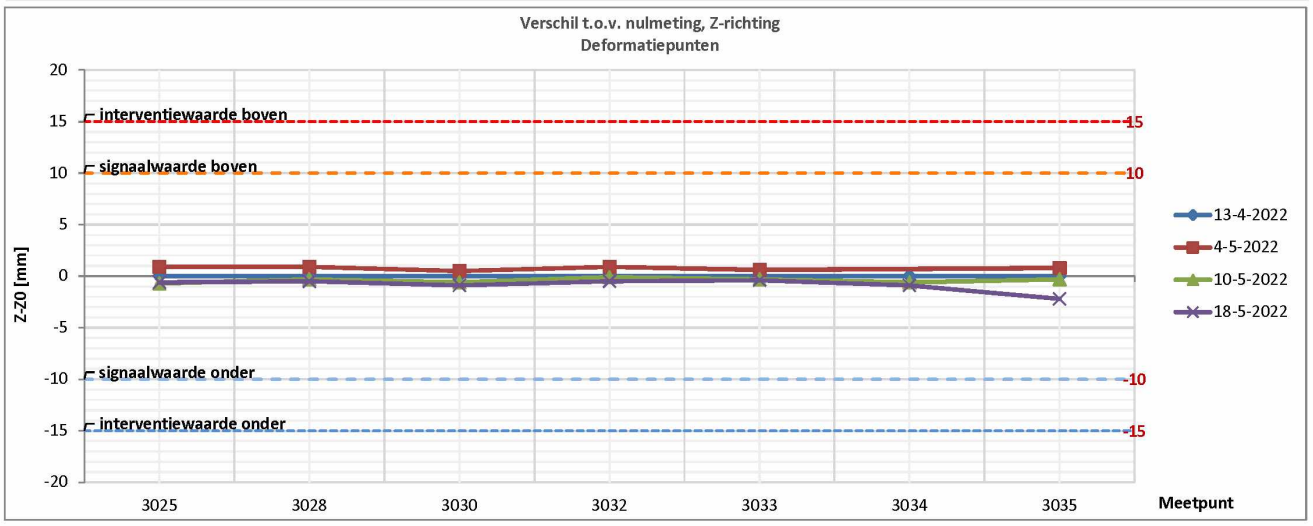
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, Z-richting in [mm]													
Z-Z0	3025	3028	3030	3032	3033	3034	3035						Opmerking
afstand =	0.0	4.5	13.7	21.3	26.6	33.8	32.5						
13-4-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
4-5-2022	0.9	0.9	0.5	0.9	0.6		0.8						
10-5-2022	-0.7	-0.3	-0.6	-0.1	-0.3	-0.6	-0.3						
18-5-2022	-0.6	-0.5	-0.9	-0.5	-0.4	-0.9	-2.2						

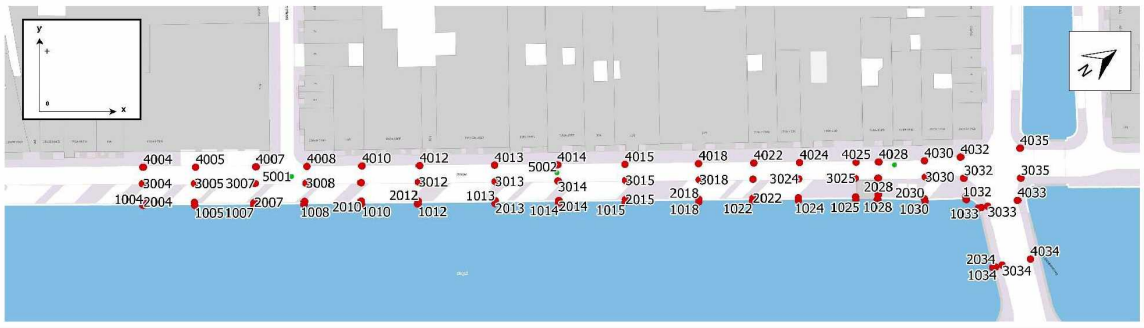




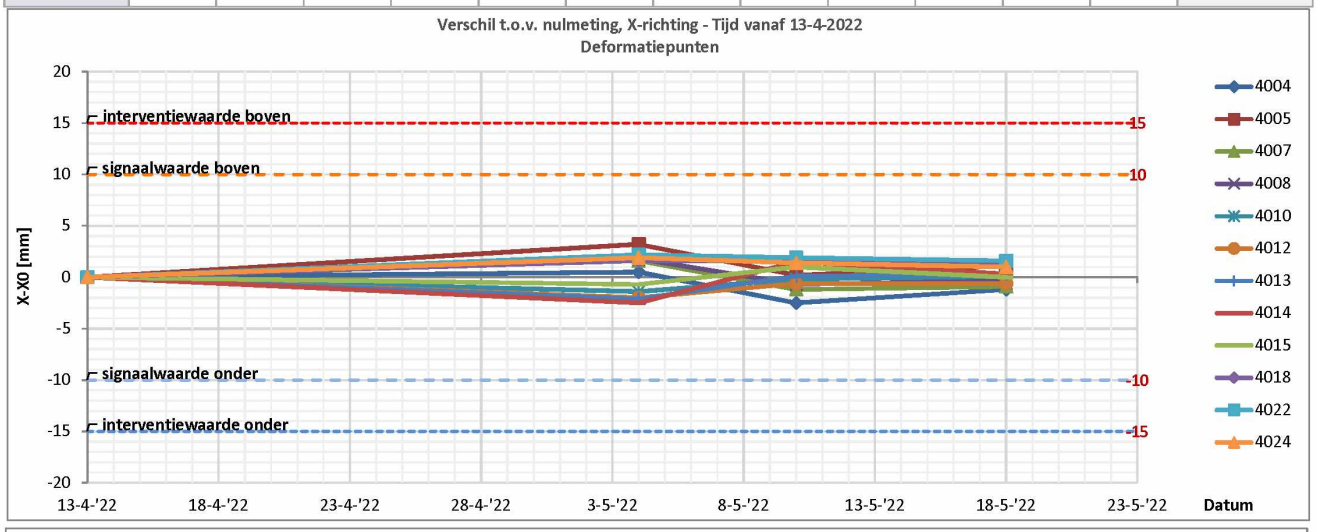
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

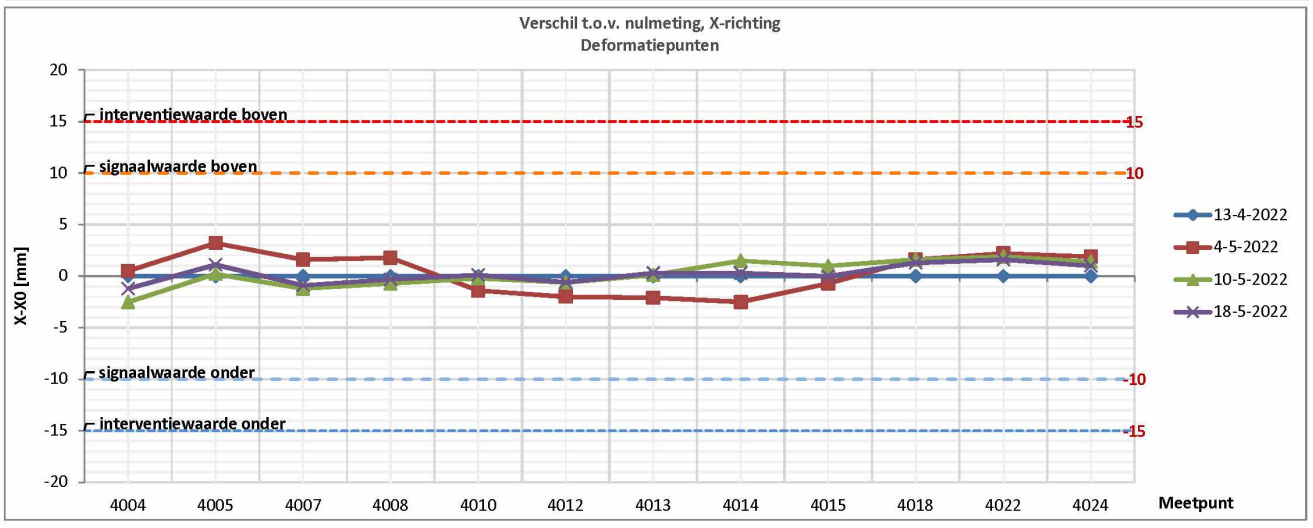
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, X-richting in [mm]													
X-X0	4004	4005	4007	4008	4010	4012	4013	4014	4015	4018	4022	4024	Opmerking
afstand =	0.0	10.3	22.1	32.1	42.9	54.2	69.0	81.3	94.5	109.0	119.8	128.8	
13-4-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4-5-2022	0.5	3.2	1.6	1.8	-1.4	-2.0	-2.1	-2.5	-0.7	1.6	2.2	1.9	
10-5-2022	-2.5	0.2	-1.2	-0.7	-0.2	-0.6	0.1	1.5	1.0	1.6	1.9	1.4	
18-5-2022	-1.2	1.1	-0.9	-0.3	0.1	-0.6	0.3	0.3	0.0	1.3	1.6	1.0	

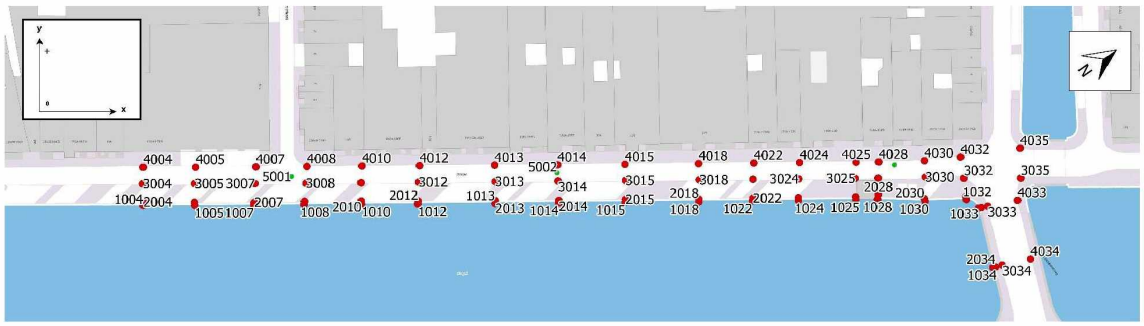




Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

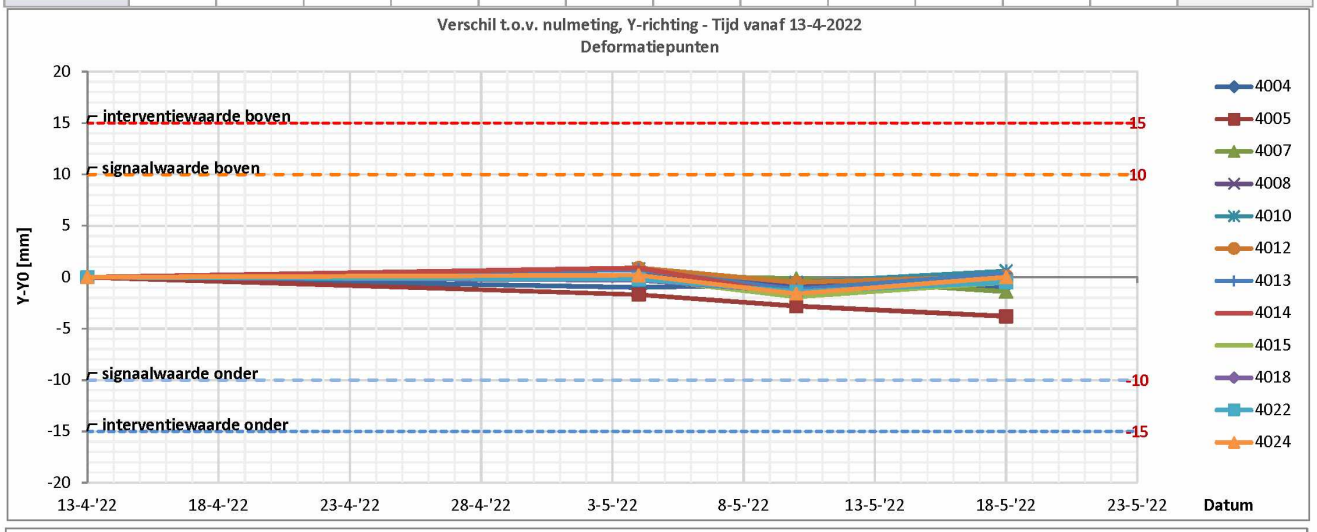
BouwRisk

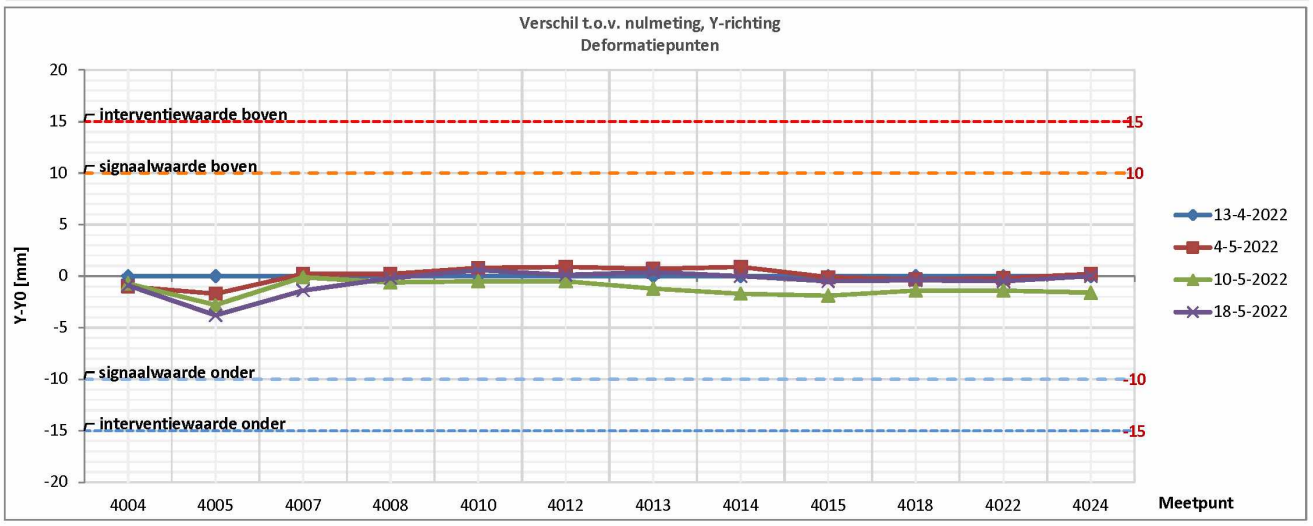
73o6 15-11-2021



Verschil t.o.v. nulmeting, Y-richting in [mm]

Y-Y0	4004	4005	4007	4008	4010	4012	4013	4014	4015	4018	4022	4024	Opmerking
afstand =	0.0	10.3	22.1	32.1	42.9	54.2	69.0	81.3	94.5	109.0	119.8	128.8	
13-4-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4-5-2022	-1.0	-1.7	0.2	0.2	0.8	0.9	0.7	0.9	-0.1	-0.3	-0.2	0.2	
10-5-2022	-0.7	-2.8	-0.1	-0.6	-0.5	-0.5	-1.2	-1.7	-1.9	-1.4	-1.4	-1.6	
18-5-2022	-0.9	-3.8	-1.4	-0.2	0.6	0.1	0.4	0.0	-0.5	-0.4	-0.5	0.0	

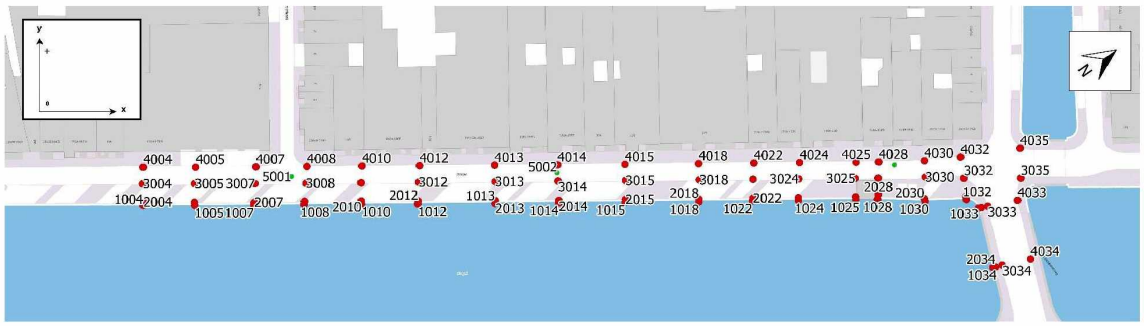




Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

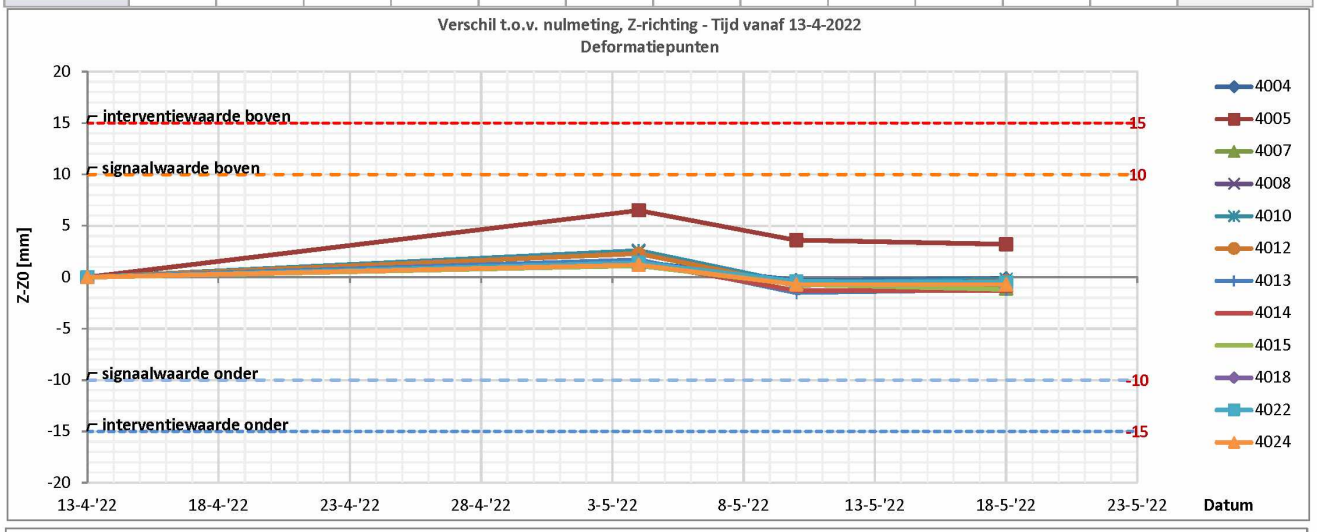
BouwRisk

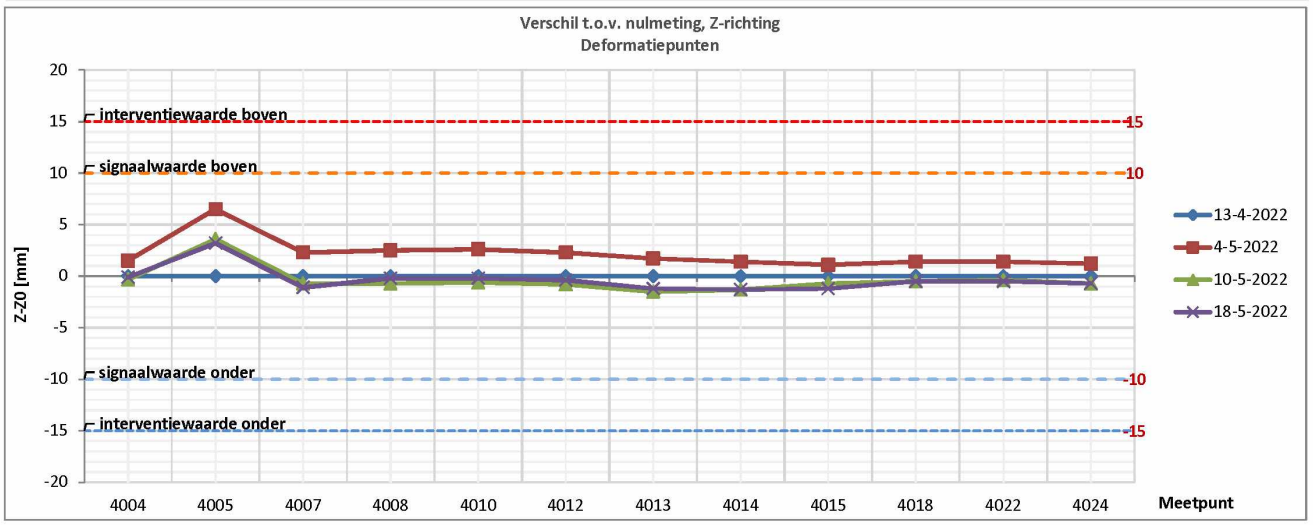
73o6 15-11-2021



Verschil t.o.v. nulmeting, Z-richting in [mm]

Z-Z0	4004	4005	4007	4008	4010	4012	4013	4014	4015	4018	4022	4024	Opmerking
afstand =	0.0	10.3	22.1	32.1	42.9	54.2	69.0	81.3	94.5	109.0	119.8	128.8	
13-4-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4-5-2022	1.5	6.5	2.3	2.5	2.6	2.3	1.7	1.4	1.1	1.4	1.4	1.2	
10-5-2022	-0.3	3.6	-0.7	-0.7	-0.6	-0.8	-1.5	-1.3	-0.7	-0.5	-0.4	-0.7	
18-5-2022	-0.1	3.2	-1.1	-0.2	-0.2	-0.4	-1.2	-1.3	-1.2	-0.5	-0.5	-0.7	

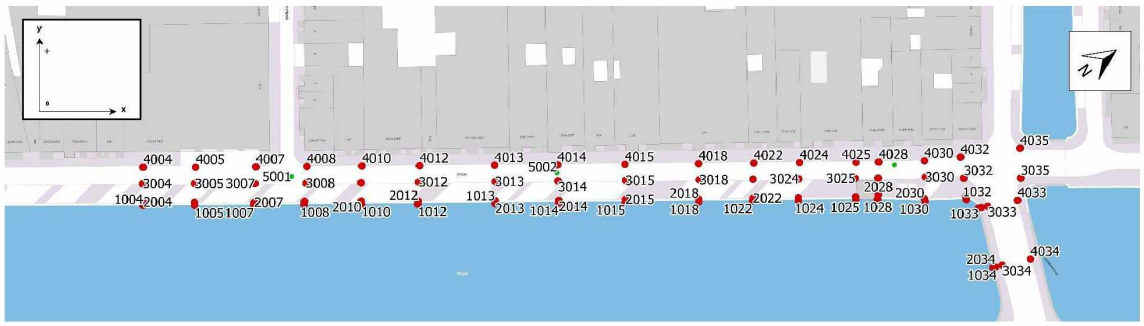




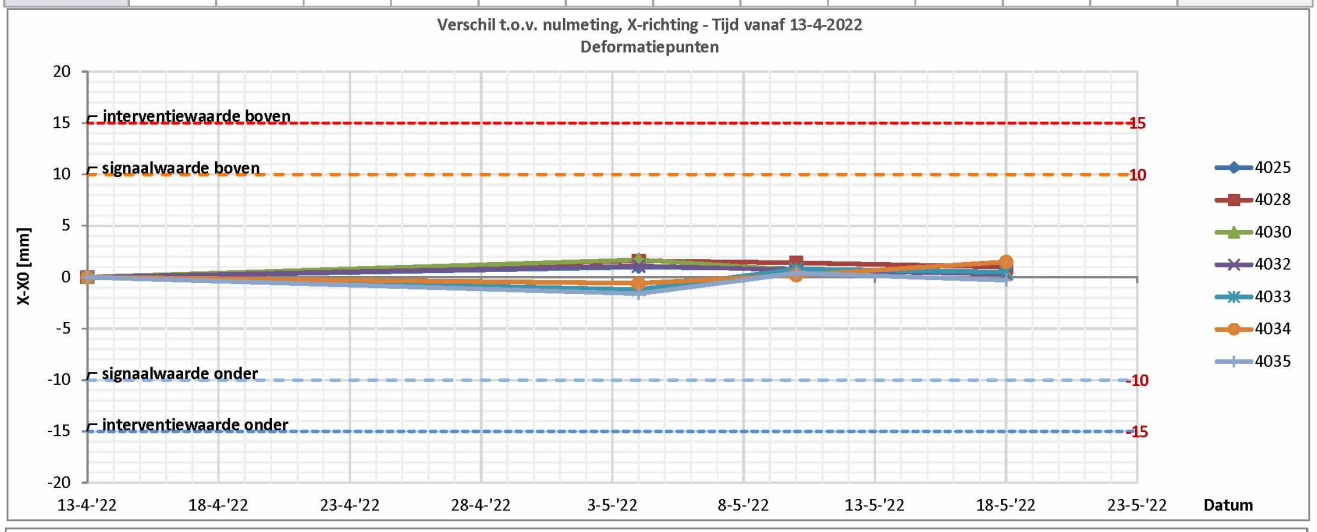
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

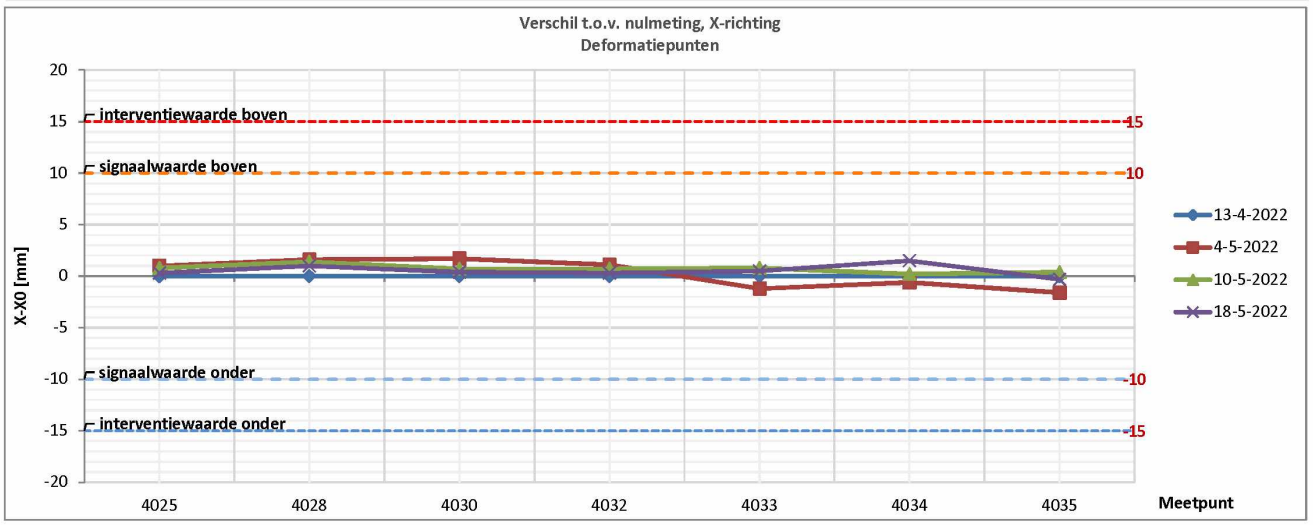
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, X-richting in [mm]													
X-X0	4025	4028	4030	4032	4033	4034	4035						Opmerking
afstand =	0.0	4.4	13.4	20.5	32.6	39.5	32.3						
13-4-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
4-5-2022	1.0	1.6	1.7	1.1	-1.2	-0.6	-1.6						
10-5-2022	0.8	1.4	0.7	0.7	0.8	0.2	0.4						
18-5-2022	0.3	1.0	0.4	0.3	0.5	1.5	-0.3						

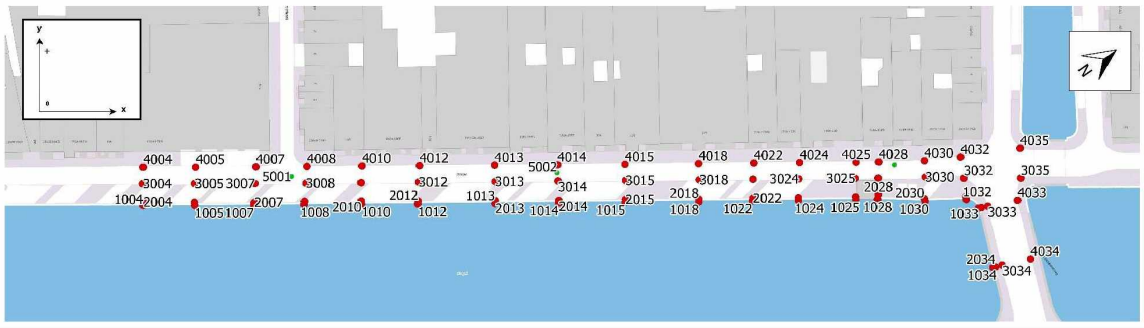




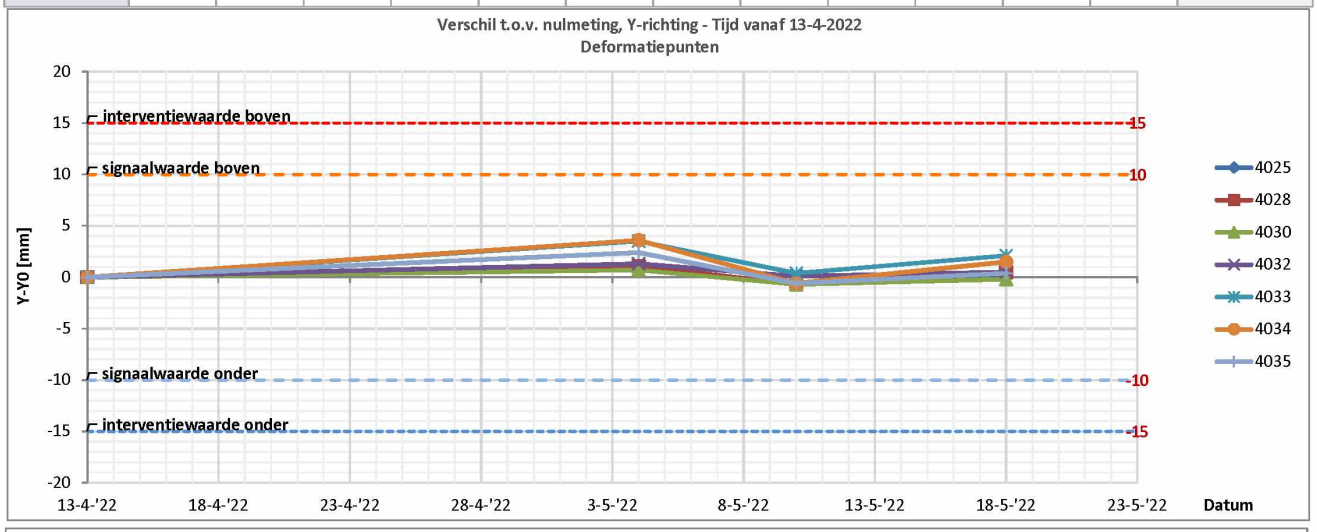
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

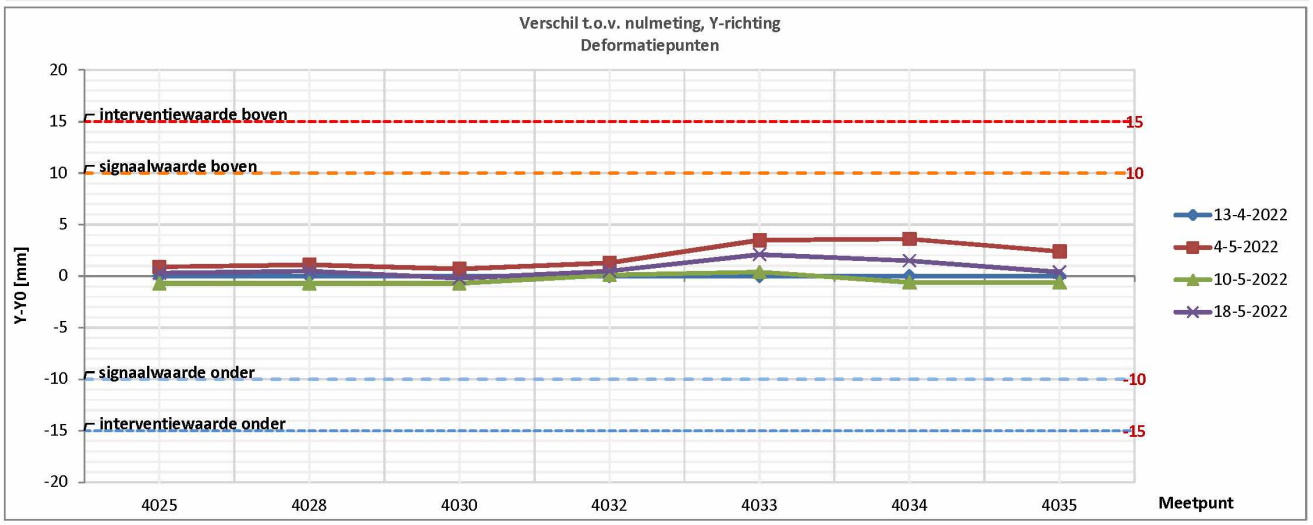
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, Y-richting in [mm]													
Y-Y0	4025	4028	4030	4032	4033	4034	4035						Opmerking
afstand =	0.0	4.4	13.4	20.5	32.6	39.5	32.3						
13-4-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
4-5-2022	0.9	1.1	0.7	1.3	3.5	3.6	2.4						
10-5-2022	-0.7	-0.7	-0.7	0.1	0.4	-0.6	-0.6						
18-5-2022	0.3	0.5	-0.2	0.5	2.1	1.5	0.4						

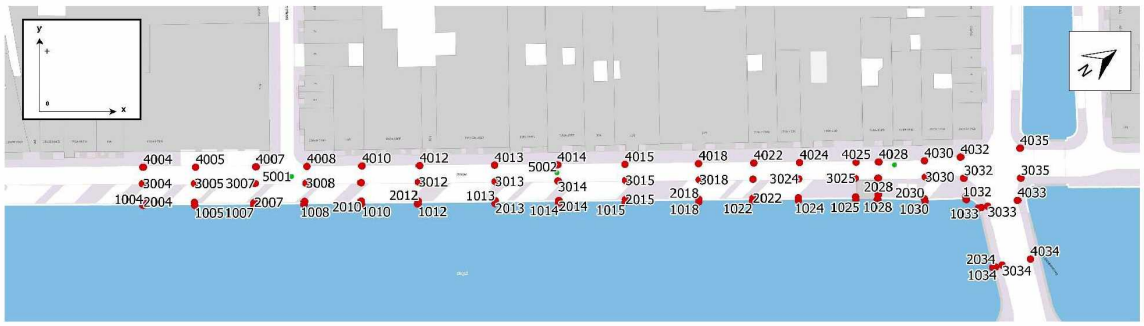




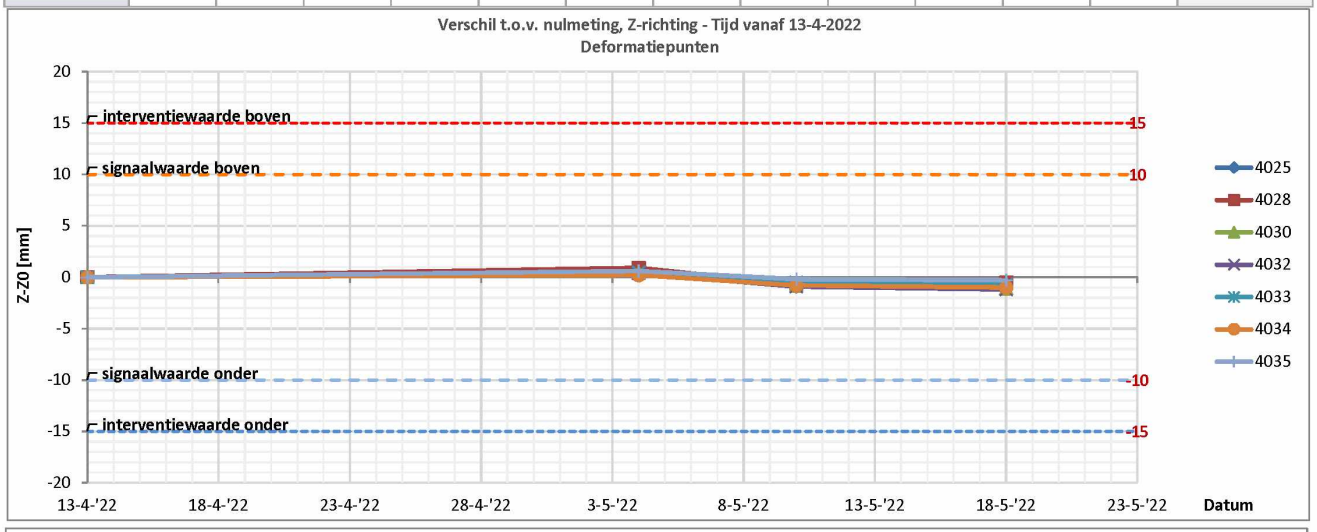
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

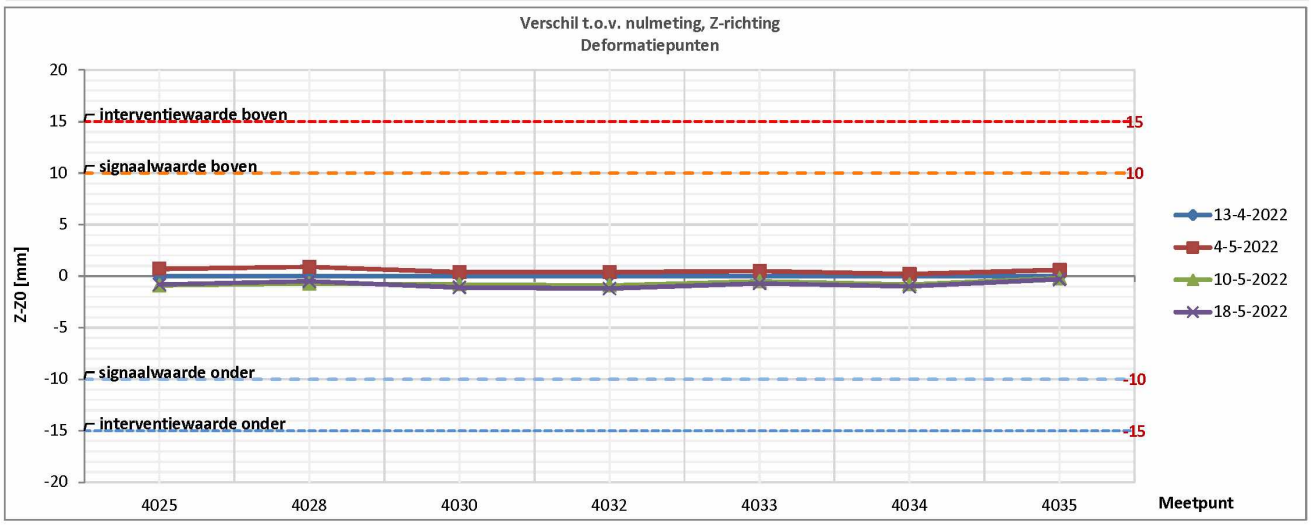
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, Z-richting in [mm]													
Z-Z0	**4025**	**4028**	**4030**	**4032**	**4033**	**4034**	**4035**						**Opmerking**
afstand =	0.0	4.4	13.4	20.5	32.6	39.5	32.3						
13-4-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
4-5-2022	0.7	0.9	0.4	0.4	0.5	0.2	0.6						
10-5-2022	-0.9	-0.7	-0.8	-0.9	-0.5	-0.8	-0.2						
18-5-2022	-0.8	-0.5	-1.1	-1.2	-0.7	-1.0	-0.3						

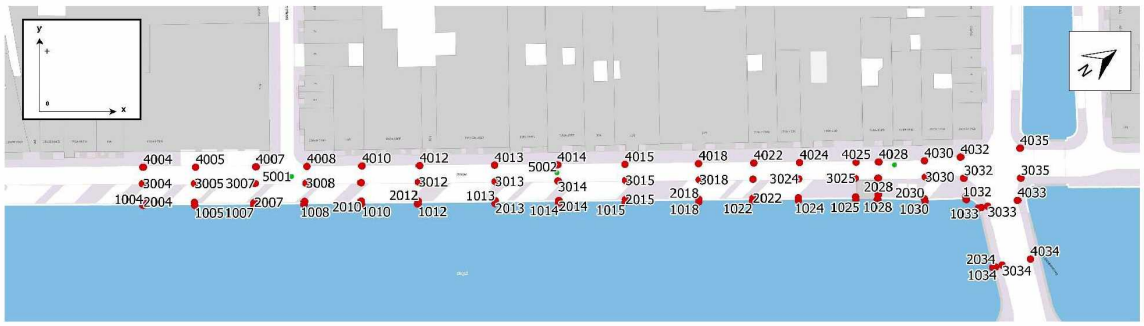




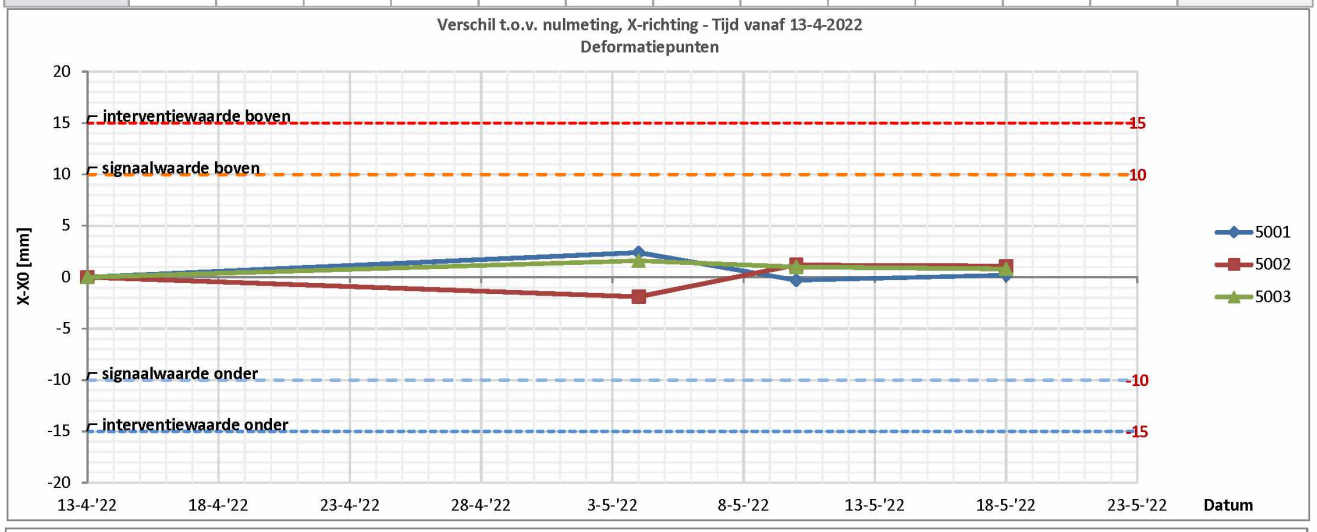
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

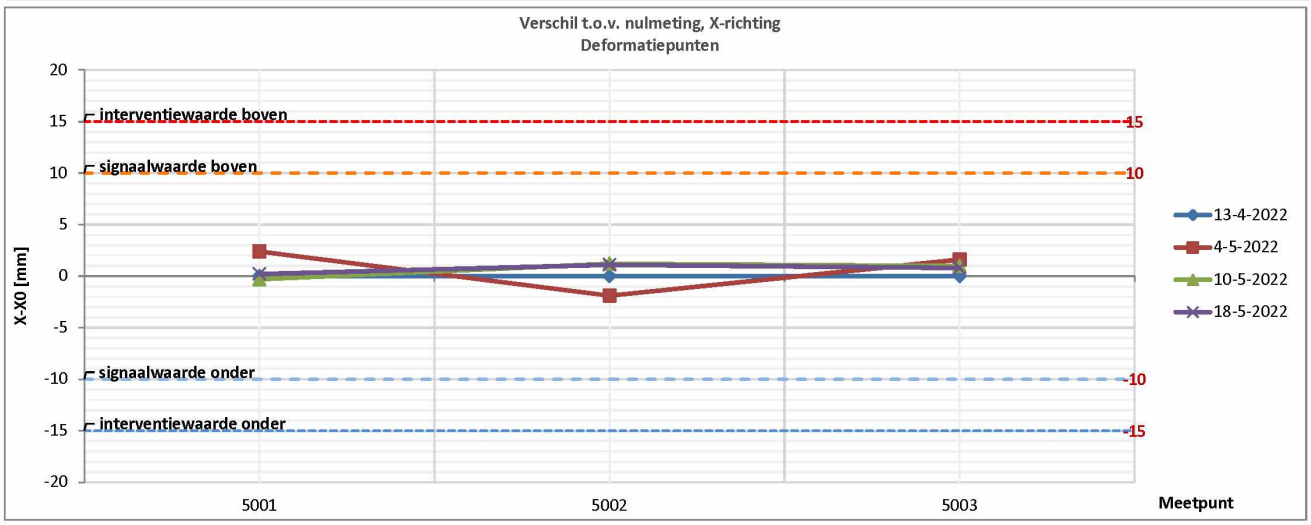
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, X-richting in [mm]													
X-X0	5001	5002	5003										Opmerking
afstand =	0.0	52.1	118.3										
13-4-2022	0.0	0.0	0.0										
4-5-2022	2.4	-1.9	1.6										
10-5-2022	-0.3	1.2	1.0										
18-5-2022	0.2	1.1	0.8										

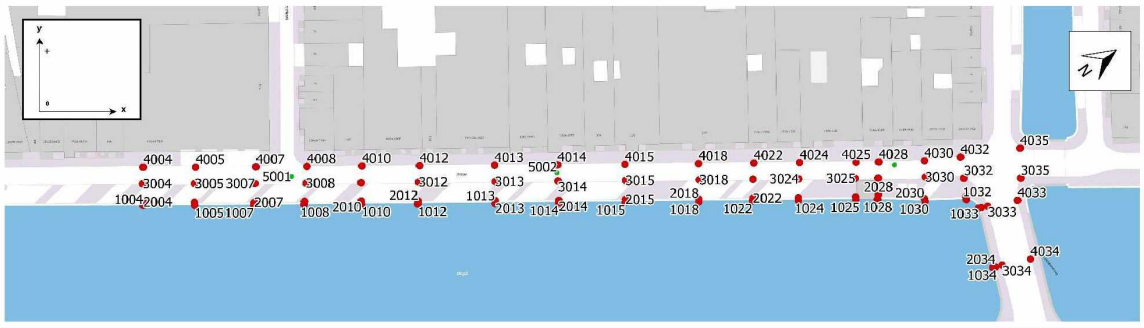




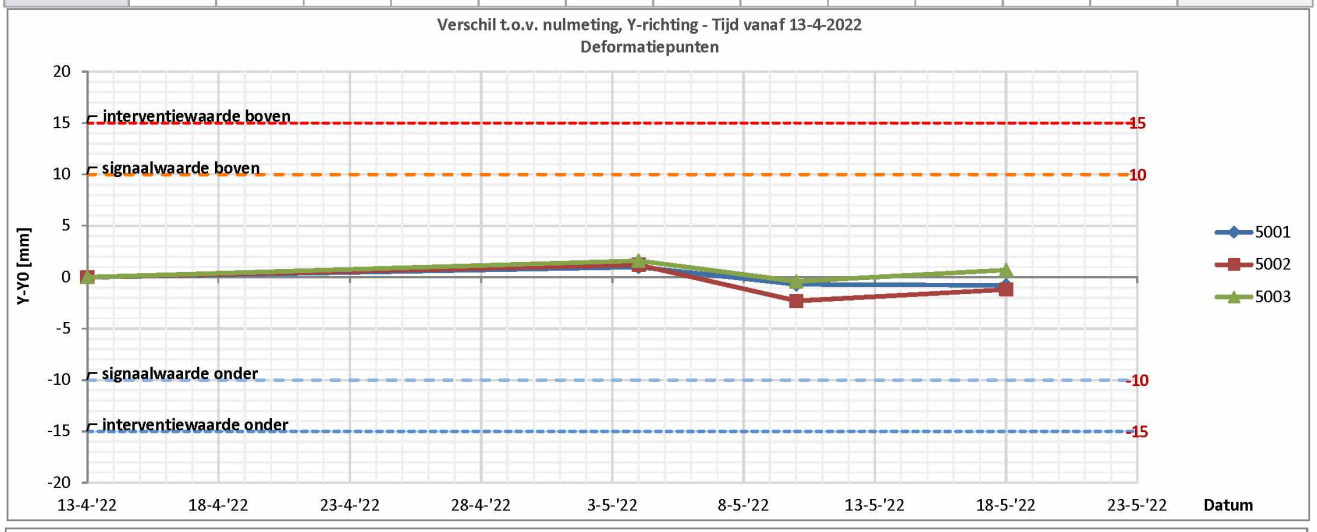
Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

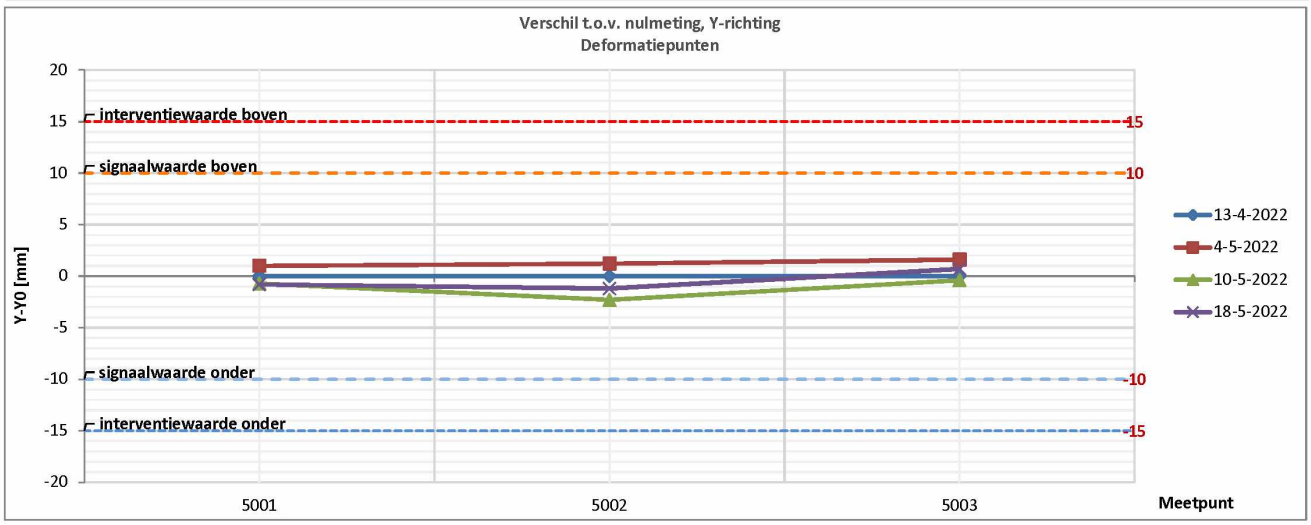
BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, Y-richting in [mm]													
Y-Y0	5001	5002	5003										Opmerking
afstand =	0.0	52.1	118.3										
13-4-2022	0.0	0.0	0.0										
4-5-2022	1.0	1.2	1.6										
10-5-2022	-0.7	-2.3	-0.4										
18-5-2022	-0.8	-1.2	0.7										

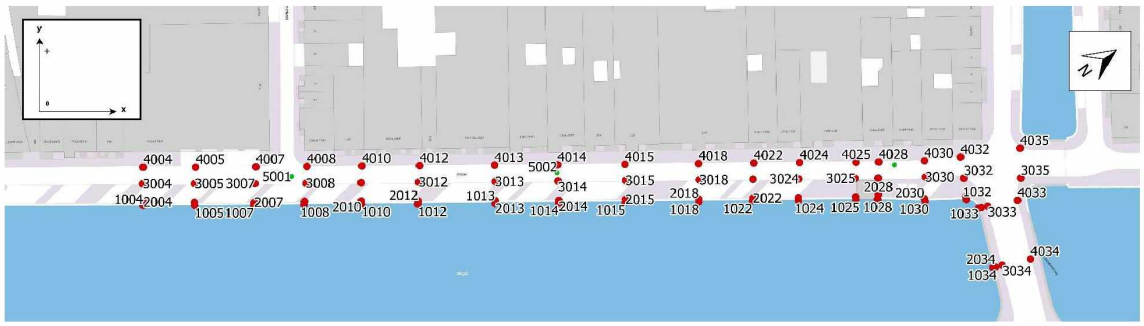




Opdrachtgever: Mobilis
Project: Veiligheidsconstructie Singel SIN0401
Onderdeel: XYZ-deformatiemeting
Projectnummer: BR227122

BouwRisk

73o6 15-11-2021



Verschil t.o.v. nulmeting, Z-richting in [mm]													
Z-Z0	5001	5002	5003										Opmerking
afstand =	0.0	52.1	118.3										
13-4-2022	0.0	0.0	0.0										
4-5-2022	2.4	1.3	0.7										
10-5-2022	-1.0	-1.2	-0.6										
18-5-2022	-0.9	-2.8	-0.8										

