
To:	Amy Driessen	From:	Leslie Cho and Lawrence Onwude
	Transportation and Economic Corridors		Stantec Consulting Ltd.
File:	123315222	Date:	October 31, 2025

Reference: North Central Region, Stony Plain, Site NC067 - Highway 216:06 Anthony Henday Bridge, Fall 2025 Instrumentation Monitoring Report

1.0 OBSERVATIONS

1.1 FIELD PROGRAM AND INSTRUMENTATION STATUS

The Fall 2025 monitoring cycle consisted of reading eight slope inclinometers (SI), twenty-one pneumatic piezometers (PN), and twenty-six vibrating wire piezometers (VW). **Figure 1** attached provides a schematic of the site. The instruments were read by Benjamin Lou, Geotechnical EIT and Akintola Fakinlede, GIT on October 6, 2025.

The SIs were measured using an RST MEMS digital inclinometer probe with 0.5 m increments and handheld PC. Readings were taken based on cable markings in relation to the top of SI casing. The PNs and VWs were read with an RST Instruments C-109 Pneumatic Readout and Slope Indicator VW Data Recorder 52613500 readout respectively.

GPS coordinates of all instruments were obtained using a Garmin eTrex 10 handheld GPS unit.

1.2 WEST ABUTMENT

A total of eight SIs (SI-01, SI-03, SI-04, SI-06, SI-07, SI-08, SI-10, and SI-12), ten nested PNs (PN-A1 to PN-A3, PN-B1 to PN-B3 and PN-C1 to PN-C4), and ten nested VWs (VW-A1 to VW-A3, VW-B1 to VW-B3, and VW-C1 to VW-C4) were read on the west abutment. VW-C1 was found damaged during the Spring and Fall 2023 reading cycles and did not give a signal but could be read again since Spring 2024.

SI-02 could not be located since 2022 and may have been destroyed during construction at the west abutment. SI-11 was found to be blocked or sheared at about 17 m below ground surface since the Fall 2022 cycle and could not be read. The location of the block in SI-11 corresponds approximately with the base of the fill. SI-07 was found to be blocked or sheared about 6 m below ground surface during the Spring and Fall 2023 reading cycles but could be read again since Spring 2025 reading cycle.

1.3 EAST ABUTMENT

A total of twelve nested PNs (PN-1, PN-2, PN-5 to PN-9, PN11, PN-13, PN-14, and PN-17) and sixteen nested VWs (VW-1 to VW-16) were read on the east abutment.

PN-7 was noted to be potentially damaged during the Spring 2022 instrument readings since the readings were erratic. During the Fall 2022 readings the same problem was experienced. PN-8 was noted to also be potentially damaged during the Spring 2025 instrument readings since the readings were erratic and would

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not stabilize. Multiple readings were taken on May 12, 2025, and June 4, 2025, for both PN-7 and PN-8 and experienced the same issue.

During this reading cycle, PN-12 was inferred to be damaged due to pressure loss likely from the piezometer tubing.

2.0 INSTRUMENTATION READINGS

2.1 GENERAL

The SI plots are provided in the attachments and summarized in the following sections. Displacement-time plots in the resultant x-direction (i.e., slope movement direction) along with movement rates, total cumulative movement, maximum movement rates, and incremental movements since initializing each SI are provided in **Table NC067-1** and the attachments.

The groundwater levels from PNs and VWs readings are plotted in the attachments and summarized in **Table NC067-2 to NC067-5**.

2.2 ZONES OF MOVEMENT

No new zones of movement were observed during the Fall 2025 reading cycle.

2.3 MONITORING RESULTS

2.3.1 West Abutment

2.3.1.1 Slope Inclinometers

SI-01 and SI-03 were installed in the pile wall and are summarized below.

- SI-01 showed little to no change since the Spring 2025 reading cycle. The current movement rate is less than 1 mm/yr.
- SI-03 showed decreasing cumulative movement between 2018 and 2021 before returning to 2018 values. The cumulative movement increased by 1 mm to 106 mm during the Fall 2025 readings with a rate of movement of 2 mm/yr.

SI-04 has two potential zones of movement. The zone between 6.2 m and 9.2 m has a movement rate of less than 1 mm/yr and a total cumulative movement of 3 mm. The movement zone between 15.2 m and 18.2 m has a movement rate less than 1 mm/yr and a total cumulative movement of less than 1 mm.

SI-06 has historically shown some erratic movement near the base of the casing. Currently, SI-06 shows a movement rate of less than 1 mm/yr with a cumulative movement of 0 mm. Additional readings will be required to confirm slope movement.

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SI-07 has three zones of movement, 0.8 m to 5.2 m, 5.2 m to 9.2 m, 13.2 m to 16.2 m. The current movement rates are 13 mm/yr, 3 mm/yr, and less than 1 mm/yr for the shallow, middle, and deeper zones respectively. The cumulative movements are 144 mm, 33 mm, and 8 mm for the shallow, middle, and deeper zones respectively.

SI-08 has two zones of movement observed at around 8 m and 16 m depth. The average rate of movement in the upper zone was about 3 mm/yr since 2003. Total cumulative movement appears to be erratically moving around 58 mm since Spring 2021 with its current total cumulative movement at about 60 mm. The lower movement zone appears to be creeping at a rate of less than 1 mm/yr since 2003.

SI-10 shows a current rate of movement of about 2 mm/yr along with a decrease of 1 mm in incremental movement during the current monitoring cycle. The average rate of movement since 2006 is about 1 mm/yr. The total cumulative movement is approximately 25 mm.

SI-12 has a zone of movement between 3.2 m and 6.2 m and shows creep at a rate of about 1 mm/yr since 2008 with a total cumulative movement of 44 mm.

2.3.1.2 Piezometers

In general, the PNs in the west abutment showed a decrease in piezometric level difference between 0.1 m to 0.5 m, except for PN-C1 which increased by 0.4 m when compared to Spring 2025 readings.

In general, the VWs in the West abutment showed an increase in the piezometric level between less than 0.1 m to 0.3 m when compared to the Spring 2025 readings.

Table NC067-2 and **Table NC067-3** summarize the west abutment PN and VW piezometer readings for the Fall 2025 reading cycle.

2.3.2 East Abutment

2.3.2.1 Piezometers

In general, the PNs in the east abutment showed a decrease between 0.3 m and 0.4 m in the piezometric level except for PN-8 with a decrease of 3.1 m since the Spring 2025 readings. PN-8 is inferred to be damaged and reading erroneously. In addition, PN-12 could not be read due to pressure loss within piezometer tubing.

The VW piezometers in the east abutment show a general decrease in the piezometric level up to 0.6 m, except for VW-7 and VW-15 which increased by 0.1 m since Spring 2025 readings. Piezometers VW-3, VW-4, VW-6, VW-11 and VW-16 were inferred to be dry again this reading cycle.

Table NC067-4 and **Table NC067-5** summarizes the east abutment PN and VW readings for the Spring 2025 reading cycle.

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3.0 RECOMMENDATIONS

3.1 FUTURE WORK

It is recommended that all instruments be read in the Spring 2026 reading cycle.

3.2 INSTRUMENTATION REPAIRS

PN-7 and PN-8 showed erratic readings which are an indicator of possible damage to the pneumatic tubing. However, it could also mean the tubes are dirty and need to be purged.

PN-12 was inferred to be leaking during the 2025 Fall reading cycle. If the leak location is identified, it could potentially be repaired by splicing below the leak.

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Table NC067-1: Fall 2025 Slope Inclinometer Reading Summary on West Abutment

Instrument Name	Date Initialized	Coordinates ⁽¹⁾ (UTM 12U, NAD1983) (m)		Total Cumulative Resultant Movement, and Depth of Movement (mm)	Maximum Rate of Movement (mm/yr)	Current Status	Date of Previous Reading	Incremental Movement Since Previous Reading (mm)	Current Rate of Movement (mm/yr)	Change in Rate of Movement Since Previous Reading (mm/yr)
		Northing	Easting							
SI-01	Oct. 3, 2002	5926771	326314	33 over 2.2 m to 5.2 m depth in 311° direction	28 mm/yr in Oct. 2012	Operational	May 12, 2025	<1	<1	-2
SI-02	Oct. 3, 2002	5926745	326302	63 over 1.2 m to 4.2 m depth in 9° direction	24 mm/yr in Oct. 2013	Non-operational	Sep 7, 2022	Instrument destroyed during construction activities in 2022.		
SI-03	Oct. 20, 2002	5926709	326283	106 over 1.2 m to 2.8 m depth in 8° direction	42 mm/yr in May 2022	Operational	May 12, 2025	1	2	2
SI-04	Oct. 20, 2002	5926665	326251	3 over 6.2 m to 9.2 m depth in 352° direction	2 mm/yr in May 2024	Operational	May 12, 2025	<1	<1	<1
				<1 over 15.2 m to 18.2 m depth in 352° direction	2 mm/yr in May 2021			<1	<1	<1
SI-06	Oct 20, 2002	5926709	326278	0 over 35.2 m to 36.2 m depth in 100° direction	4 mm/yr in Sep. 2019	Operational	May 12, 2025	<1	<1	-2
SI-07	Oct. 20, 2002	5926736	326294	144 over 0.8 m to 5.2 m depth in 40° direction	186 mm/yr; Jan. 2003	Operational	May 12, 2025	6	13	10
				33 over 5.2 m to 9.2 m depth in 40° direction	45 mm/yr; Sept. 2021			2	3	0
				8 over 13.2 m to 16.2 m depth 40° direction	10 mm/yr; Jan. 2003			<1	<1	<1

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Instrument Name	Date Initialized	Coordinates ⁽¹⁾ (UTM 12U, NAD1983) (m)		Total Cumulative Resultant Movement and Depth of Movement to Date (mm)	Maximum Rate of Movement (mm/yr)	Current Status	Date of Previous Reading	Incremental Movement Since Previous Reading (mm)	Current Rate of Movement (mm/yr)	Change in Rate of Movement Since Previous Reading (mm/yr) ⁽²⁾
		Northing	Easting							
SI-08	Oct. 22, 2002	5926765	326270	60 over 5.8 m to 11.8 m depth in 358° direction.	25 mm/yr; Sep. 2021	Operational	May 12, 2025	-2	3	2
				33 over 14.2 m to 17.2 m depth in 358° direction.	36 mm/yr; Oct. 2003			-<1	<1	-<1
SI-10	Jul. 18, 2003	5927005	326336	25 over 14.2 m to 22.2 m depth in 338° direction	42 mm/yr; Sep. 2016	Operational	May 12, 2025	-1	2	1
SI-11	Jul. 18, 2003	5927118	326377	12 over 14.2 m to 25.8 m depth in 348° direction	7 mm/yr; Sept. 2018	Non-operational	Sep 7, 2022	Instrument blocked/sheared approx. 17 m below ground surface.		
SI-12	Jan. 9, 2003	5927242	326424	44 over 3.2 m to 6.2 m depth in 290° direction	17 mm/yr; Sep. 2021	Operational	May 12, 2025	-1	2	2
Note: (1) Operational instruments were updated October 6, 2025, with approximate accuracy of ± 3 m. (2) Negative (-) indicates decrease in rate of movement and/or change in direction of movement.										

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Table NC067-2: Fall 2025 Pneumatic Piezometer Reading Summary on West Abutment

Instrument Name	Date Initialized	Tip Elevation (m aMSL) ⁽¹⁾	Current Status	Maximum Piezometric Elevation (m)	Piezometric Elevation (m aMSL)	Previous Piezometric Elevation (m aMSL)	Change in Piezometric Level Since Previous Reading (m) ⁽³⁾
PN-A1 (27962)	Oct 14, 2002	614.0	Operational	631.6; Nov 2002	626.5	626.7	- 0.2
PN-A2 (27963)	Oct 14, 2002	623.9	Operational	627.2; Sep 2020	626.6	626.7	- 0.1
PN-A3 (27964)	Oct 14, 2002	627.7	Operational	628.8; May 2008	627.9	628.1	- 0.2
PN-B1 (27957)	Oct 14, 2002	613.5	Operational	633.0; Oct 2002	627.1	627.3	- 0.2
PN-B2 (27956)	Oct 14, 2002	623.5	Operational	627.0; Jan 2003	624.4	624.9	- 0.5
PN-B3 (27961)	Oct 14, 2002	627.5	Operational	633.4; May 2004	628.7	629.2	- 0.5
PN-C1 (29755)	Oct 14, 2002	620.8	Operational	634.9; Nov 2002	623.0	622.6	0.4
PN-C2 (27958)	Oct 14, 2002	628.8	Operational	634.9; Nov 2002	630.8	631.1	- 0.3
PN-C3 (27959)	Oct 14, 2002	631.6	Operational	646.8; May 2003	635.6	636.2	- 0.6
PN-C4 (27960)	Oct 14, 2002	635.7	Operational	638.9; May 2008	638.1	638.3	- 0.2
Note: (1) aMSL = Above Mean Sea Level (2) Piezometer location (326273 m Easting, 5926717 m Northing, UTM 12U, NAD1983) updated October 6, 2025, with approximate accuracy of ± 3 m. (3) Negative (-) indicates decrease in water level							

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Table NC067-3: Fall 2025 Vibrating Wire Piezometer Reading Summary on West Abutment

Instrument Name	Date Initialized	Tip Elevation (m aMSL) ⁽¹⁾	Current Status	Maximum Piezometric Elevation (m aMSL)	Piezometric Elevation (m aMSL)	Previous Piezometric Elevation (m aMSL)	Change in Piezometric Level Since Previous Reading (m) ⁽³⁾
VW-A1 (75077)	Oct 14, 2002	614.0	Operational	630.8; Nov. 2002	626.7	626.5	0.2
VW-A2 (75079)	Oct 14, 2002	623.9	Operational	628.0; Sep. 2020	628.0	627.7	0.3
VW-A3 (75080)	Oct 14, 2002	627.7	Operational	628.8; Nov. 2002	628.1	627.9	0.3
VW-B1 (75073)	Oct 14, 2002	613.5	Operational	632.9; Oct. 2002	627.4	627.3	0.2
VW-B2 (75072)	Oct 14, 2002	623.5	Operational	627.9; Sept. 2020	627.6	627.3	0.2
VW-B3 (75078)	Oct 14, 2002	627.5	Operational	633.5; May 2004	629.8	629.7	< 0.1
VW-C1 (75071)	Oct 14, 2002	620.8	Operational	633.6; Nov. 2002	631.2	631.1	0.1
VW-C2 (75074)	Oct 14, 2002	628.8	Operational	634.8; Nov 2002	630.2	630.3	-< 0.1
VW-C3 (75075)	Oct 14, 2002	631.6	Operational	646.7; June 2003	635.9	635.9	0.0
VW-C4 (75076)	Oct 14, 2002	635.7	Operational	637.6; Oct. 2007	636.8	636.5	0.3
Note: (1) aMSL = Above Mean Sea Level (2) Piezometer location (326273 m Easting, 5926717 m Northing, UTM 12U, NAD1983) updated October 6, 2025, with approximate accuracy of ± 3 m. (3) Negative (-) indicates decrease in water level							

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Table NC067-4: Fall 2025 Pneumatic Piezometer Reading Summary on East Abutment

Instrument Name	Date Initialized	Tip Elevation (m aMSL) ⁽¹⁾	Current Status	Maximum Piezometric Elevation (m aMSL)	Piezometric Elevation (m aMSL)	Previous Piezometric Elevation (m aMSL)	Change in Piezometric Level Since Previous Reading (m) ⁽³⁾
PN-1 (26736)	Jul 20, 2001	631.6	Operational	633.9; May 2019	631.9	632.2	- 0.3
PN-2 (26737)	Jul 20, 2001	632.6	Operational	633.5; Jan 2002	633.2	633.5	- 0.3
PN-3 (26849)	Jul 20, 2001	624.8	Non-operational	626.7; Jan 2002	-	-	-
PN-4 (26846)	Aug 27, 2001	615.0	Non-operational	640.3; Sep 2001	-	-	-
PN-5 (26731)	Jul 20, 2001	631.3	Operational	633.6; May 2019	631.8	632.1	- 0.3
PN-6 (26735)	Jul 20, 2001	632.2	Operational	634.9; May 2019	632.8	633.1	- 0.3
PN-7 (26853)	Sep 10, 2001	609.9	Operational	634.4; Sep 2001	610.6	610.6	0.0
PN-8 (26850)	Sep 11, 2001	617.3	Operational	622.3; May 2019	617.5	620.6	- 3.1
PN-9 (26733)	Aug 27, 2001	631.8	Operational	632.9; Nov 2001	632.2	632.5	- 0.3
PN-11 (26851)	Sep 10, 2001	628.4	Operational	640.0; Sep 2001	628.9	628.9	0.0
PN-12 (26847)	Aug 27, 2001	619.0	Non-Operational	623.8, May 2019	-	623.2	-
PN-13 (26730)	Aug 27, 2001	631.8	Operational	633.9; May 2019	632.4	632.7	- 0.3
PN-14 (26732)	Jul 20, 2001	632.8	Operational	633.9; Oct 2008	633.2	633.6	- 0.4
PN-17 (22001)	Sep 11, 2001	617.6	Operational	626.2; May 2013	623.0	623.4	- 0.4
Note: (1) aMSL = Above Mean Sea Level (2) Piezometer location (326611 m Easting, 5926511 m Northing, UTM 12U, NAD1983) updated October 6, 2025, with approximate accuracy of ± 3 m. (3) Negative (-) indicates decrease in water level							

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Table NC067-5: Fall 2025 Vibrating Wire Piezometer Reading Summary on East Abutment

Instrument Name	Date Initialized	Tip Elevation (m aMSL) ⁽¹⁾	Current Status	Maximum Piezometric Elevation (m aMSL)	Piezometric Elevation (m aMSL)	Previous Piezometric Elevation (m aMSL)	Change in Piezometric Level Since Previous Reading (m) ⁽³⁾
VW-1 (74856)	Sep 24, 2002	606.9	Operational	630.1; Dec 2002	617.4	617.5	- 0.1
VW-2 (74870)	Sep 24, 2002	617.3	Operational	624.7; Nov 2002	621.1	621.7	- 0.6
VW-3 (74862)	Sep 24, 2002	627.4	Operational	627.8; Sept 2002	Dry	Dry	-
VW-4 (74863)	Sep 24, 2002	624.4	Operational	624.6; Sept 2002	Dry	Dry	-
VW-5 (74857)	Sep 24, 2002	606.6	Operational	635.6; Dec 2002	615.8	615.9	- 0.1
VW-6 (74861)	Sep 24, 2002	627.0	Operational	627.3; Sept 2002	Dry	Dry	-
VW-7 (74860)	Sep 24, 2002	624.0	Operational	624.4; May 2018	624.5	624.4	0.1
VW-8 (74869)	Sep 24, 2002	616.9	Operational	626.5; Dec 2002	622.1	622.7	- 0.6
VW-9 (74858)	Oct 17, 2002	610.7	Operational	628.7; Nov 2002	619.8	620.3	- 0.5
VW-10 (74871)	Oct 17, 2002	626.7	Operational	627.3; May 2023	627.4	627.3	0.0
VW-11 (74872)	Oct 17, 2002	623.7	Operational	623.9; Oct 2012	Dry	Dry	-
VW-12 (74873)	Oct 17, 2002	618.8	Operational	623.7; Nov 2002	622.0	622.6	- 0.6
VW-13 (74859)	Oct 17, 2002	610.3	Operational	630.4; Dec 2002	618.0	618.4	- 0.4
VW-14 (74868)	Oct 17, 2002	618.0	Operational	625.5; Nov 2002	621.3	621.9	- 0.6
VW-15 (74874)	Oct 17, 2002	627.5	Operational	629.3; May 2023	629.5	629.4	0.1
VW-16 (74875)	Oct 17, 2002	624.5	Operational	624.7; Oct 2012	Dry	Dry	-

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Note:

- (1) aMSL = Above Mean Sea Level
- (2) Piezometer location (326616 m Easting, 5926511 m Northing, UTM 12U, NAD1983) updated May 12, 2025, with approximate accuracy of ± 3 m.
- (3) Negative (-) indicates decrease in water level

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4.0 CLOSING

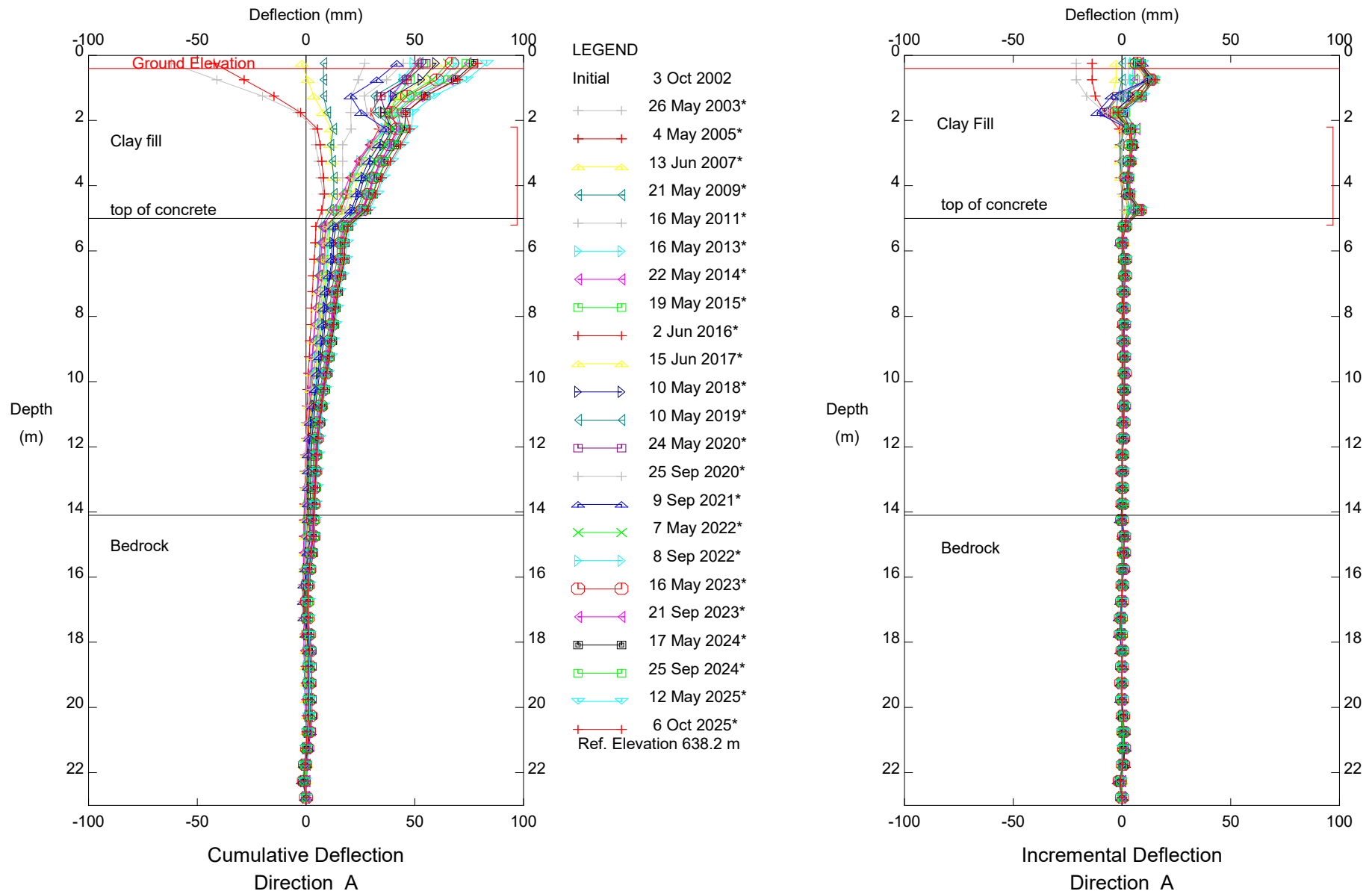
We trust this instrumentation report meets your requirements. If you have any questions, please do not hesitate to contact the undersigned.

Stantec Consulting Ltd.

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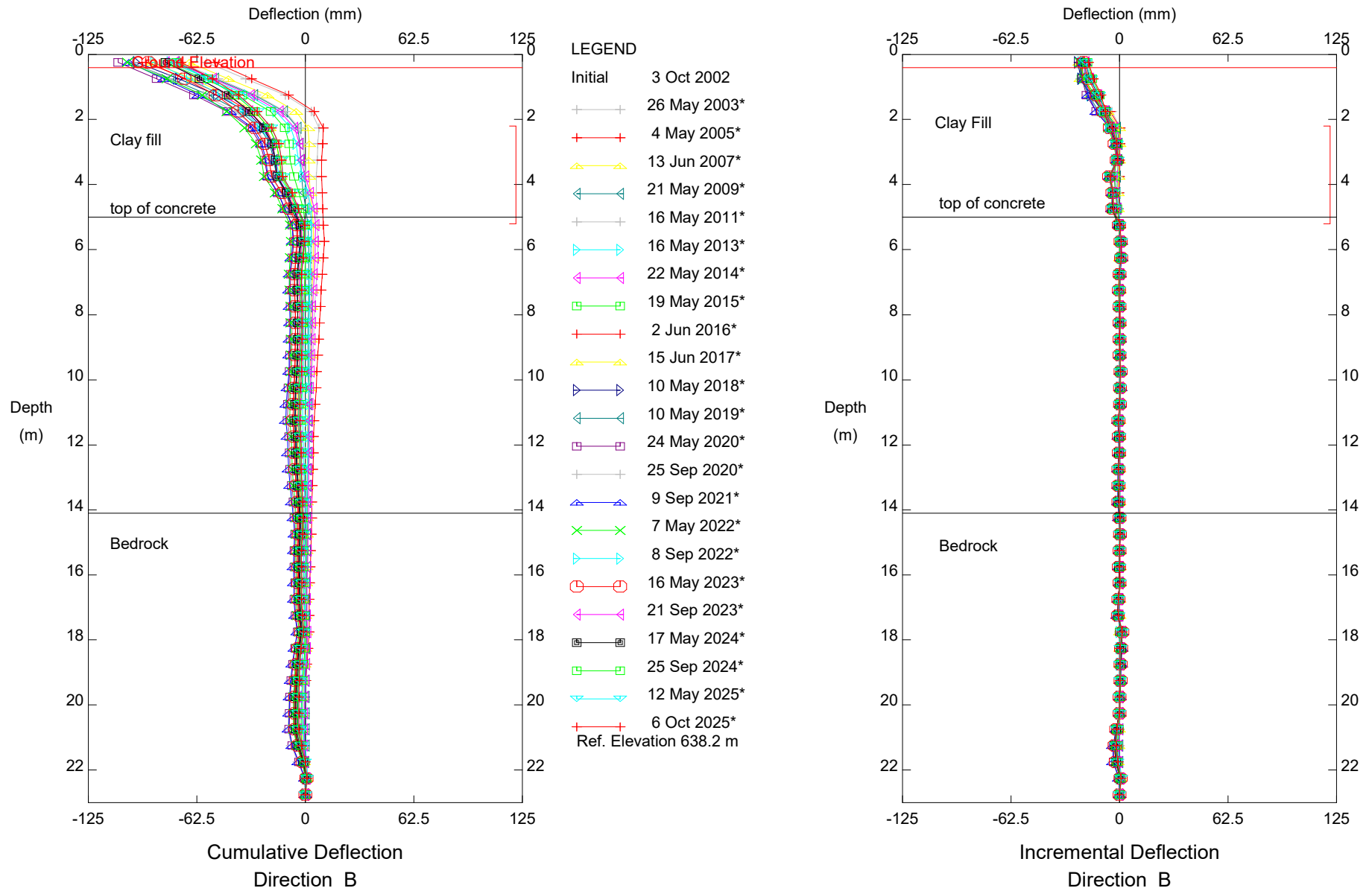
Attachment: Figure 1 – Site Plan
SI-01 Slope Inclinator Plots
SI-03 Slope Inclinator Plots
SI-06 Slope Inclinator Plots
SI-08 Slope Inclinator Plots
SI-10 Slope Inclinator Plots
SI-12 Slope Inclinator Plots
Piezometer Plots West Abutment
Pneumatic Piezometer Plots East Abutment
Vibrating Wire Piezometers Plots East Abutment



NC67, Inclinometer SI-01

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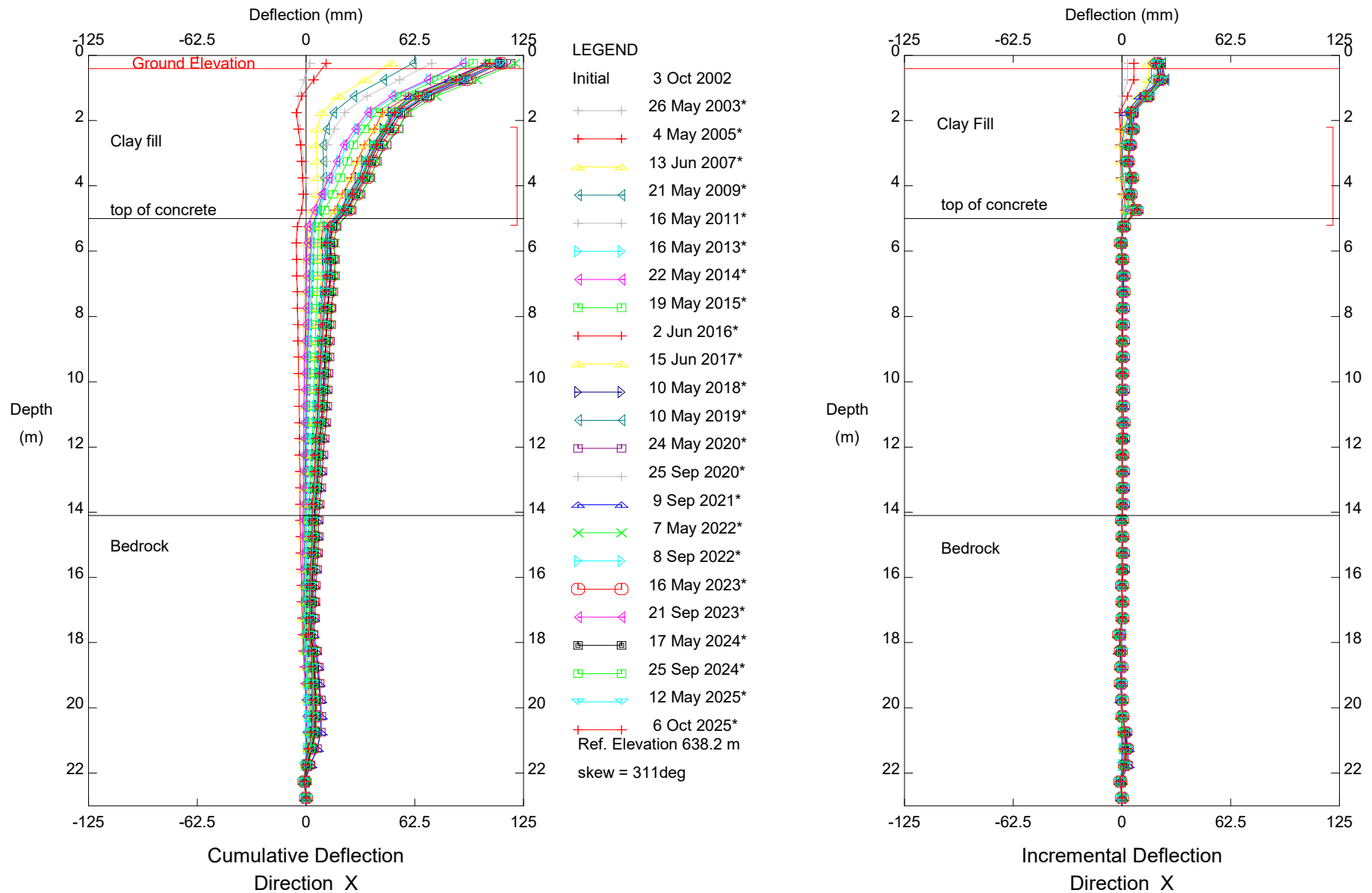
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NC67, Inclinator SI-01

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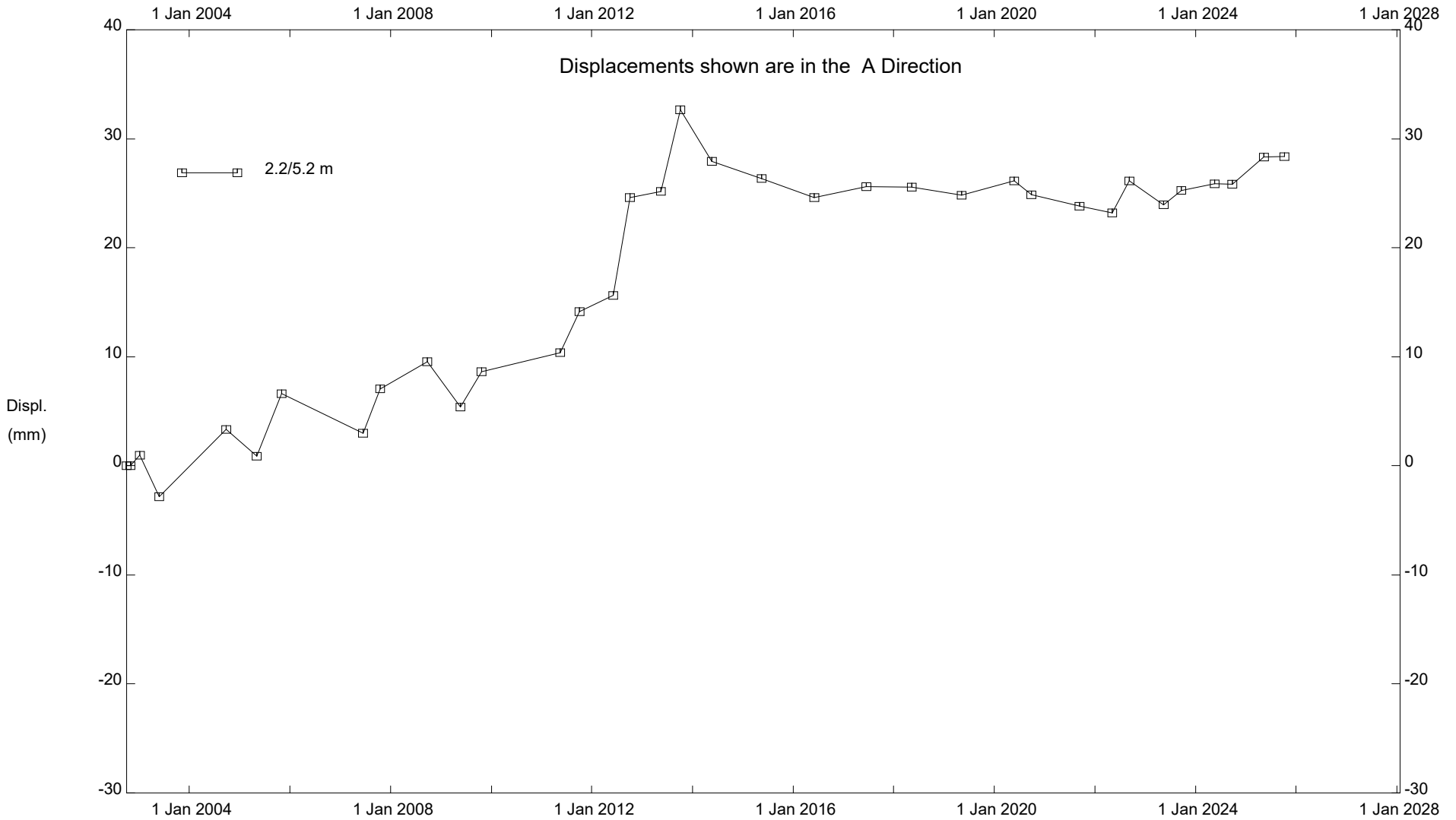


NC67, Inclinometer SI-01

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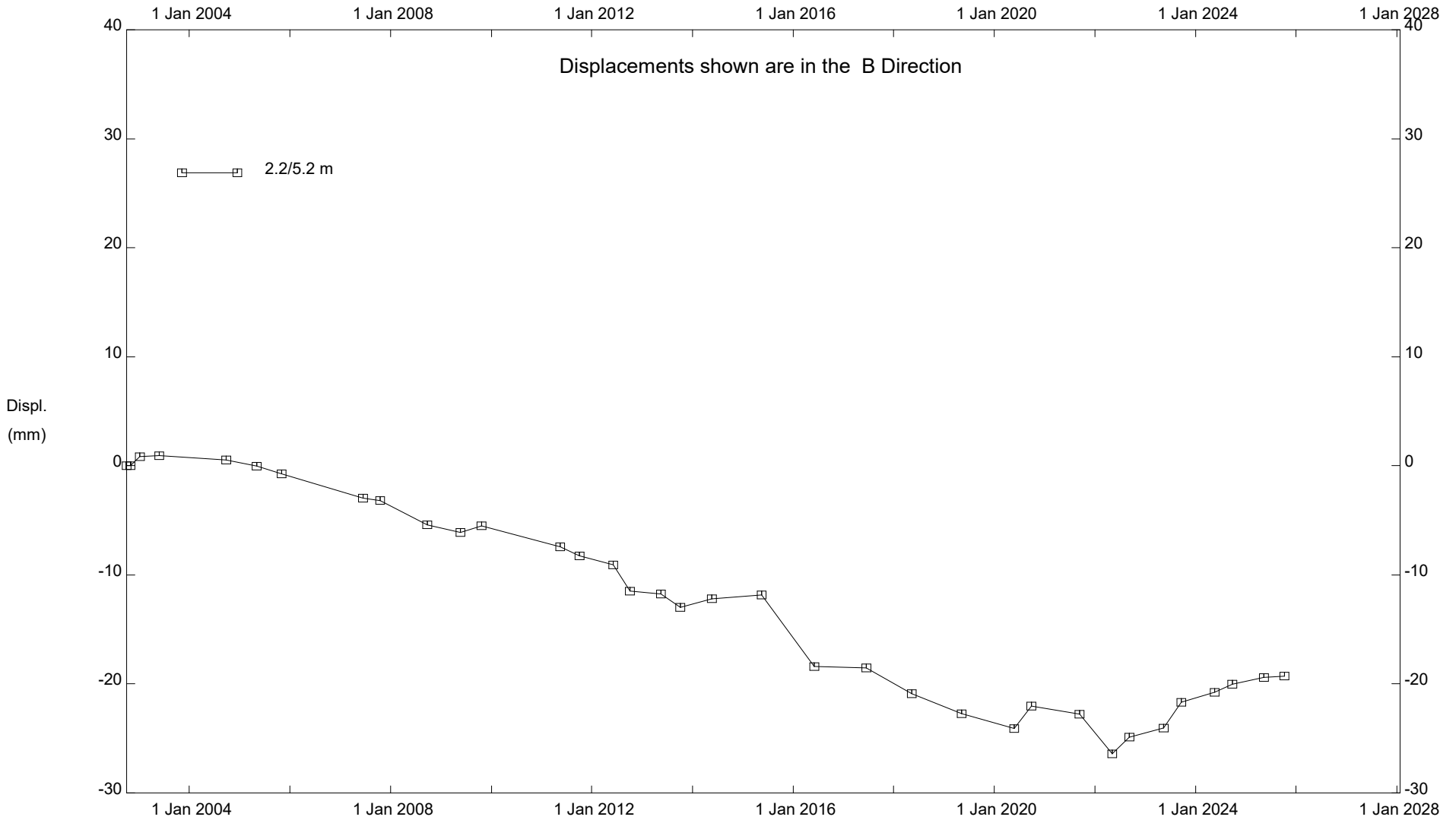
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NC67, Inclinometer SI-01

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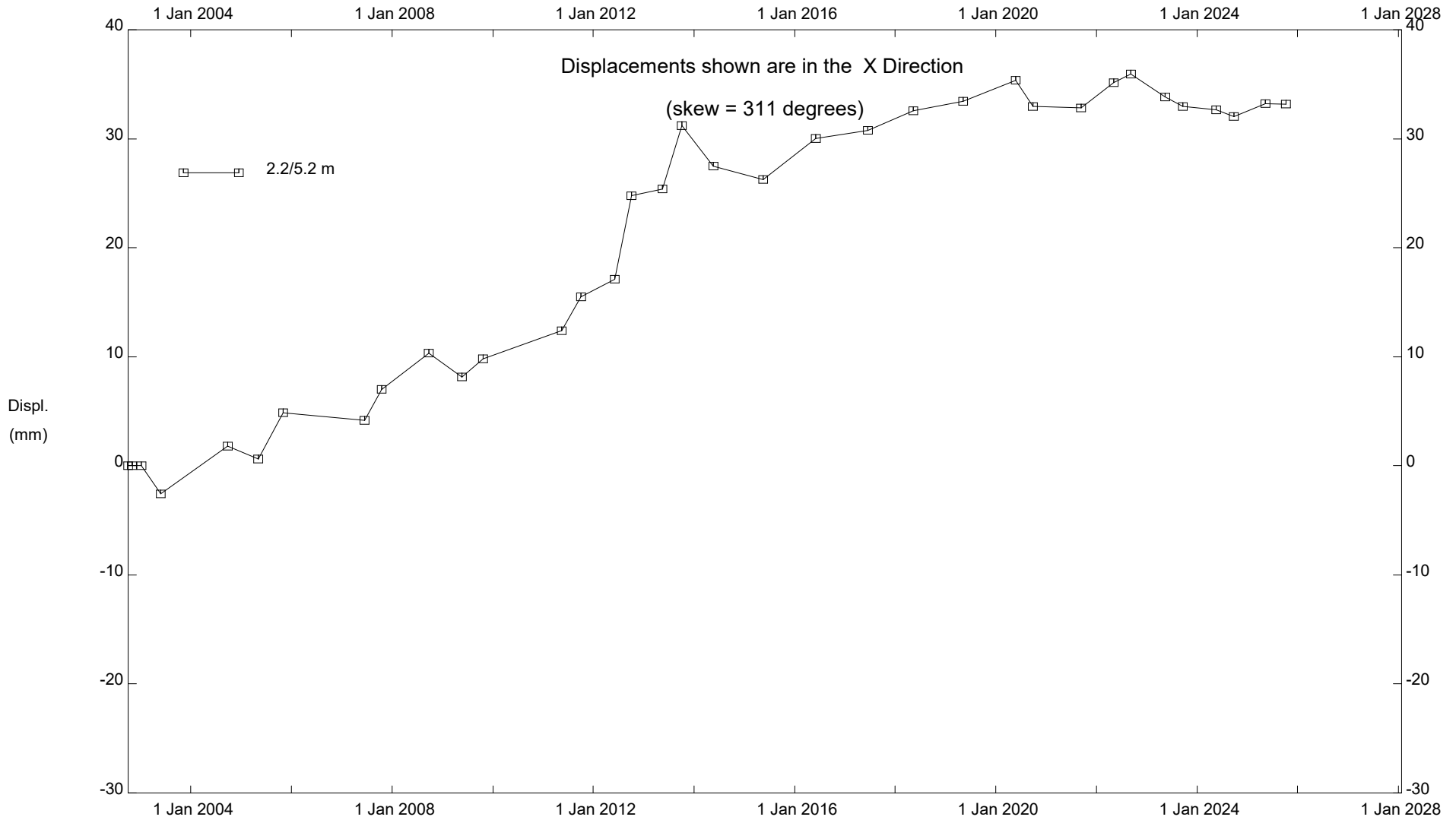
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NC67, Inclinator SI-01

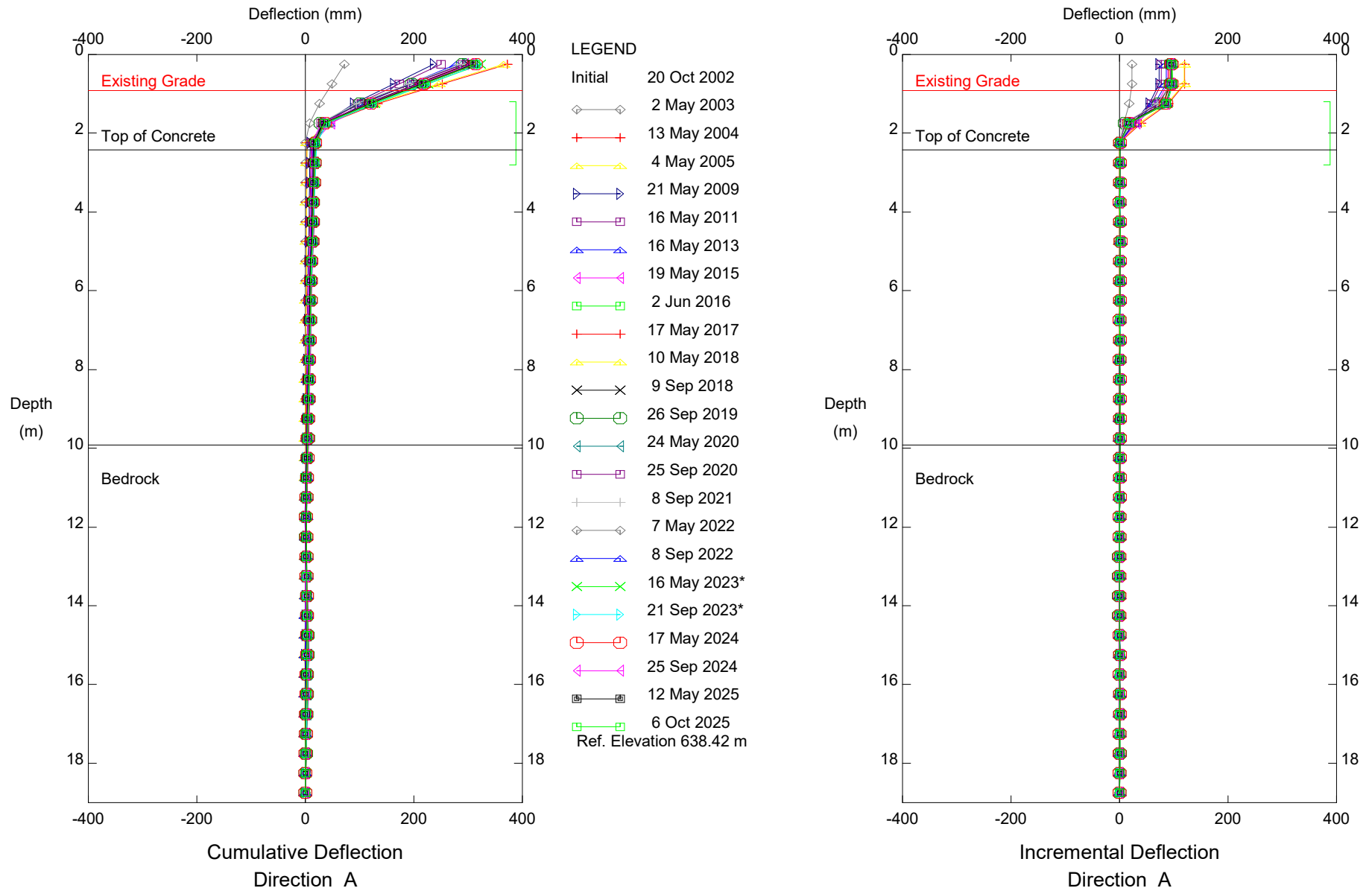
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NC67, Inclinator SI-01

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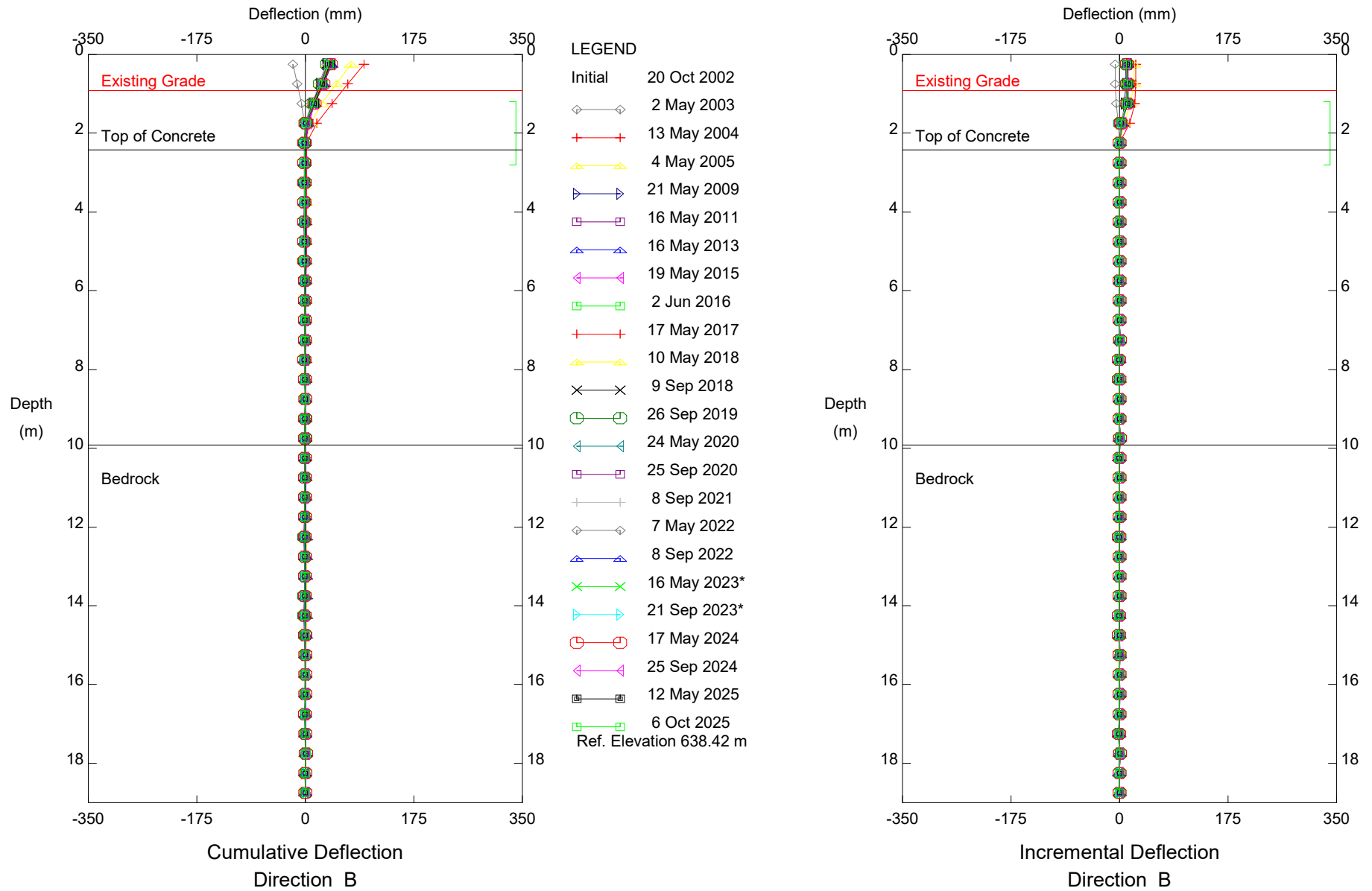


NC67, Inclinometer SI-03

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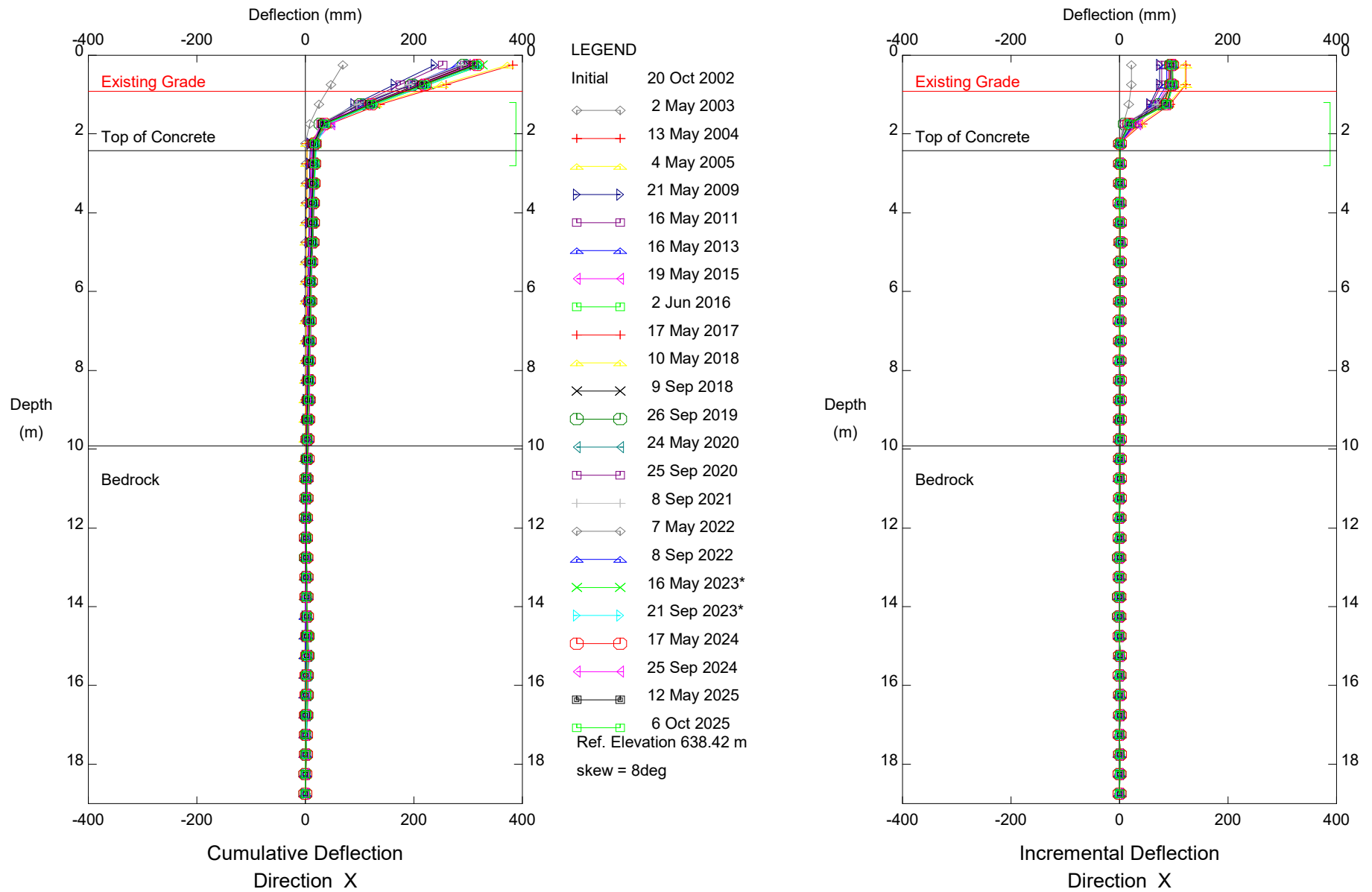


NC67, Inclinator SI-03

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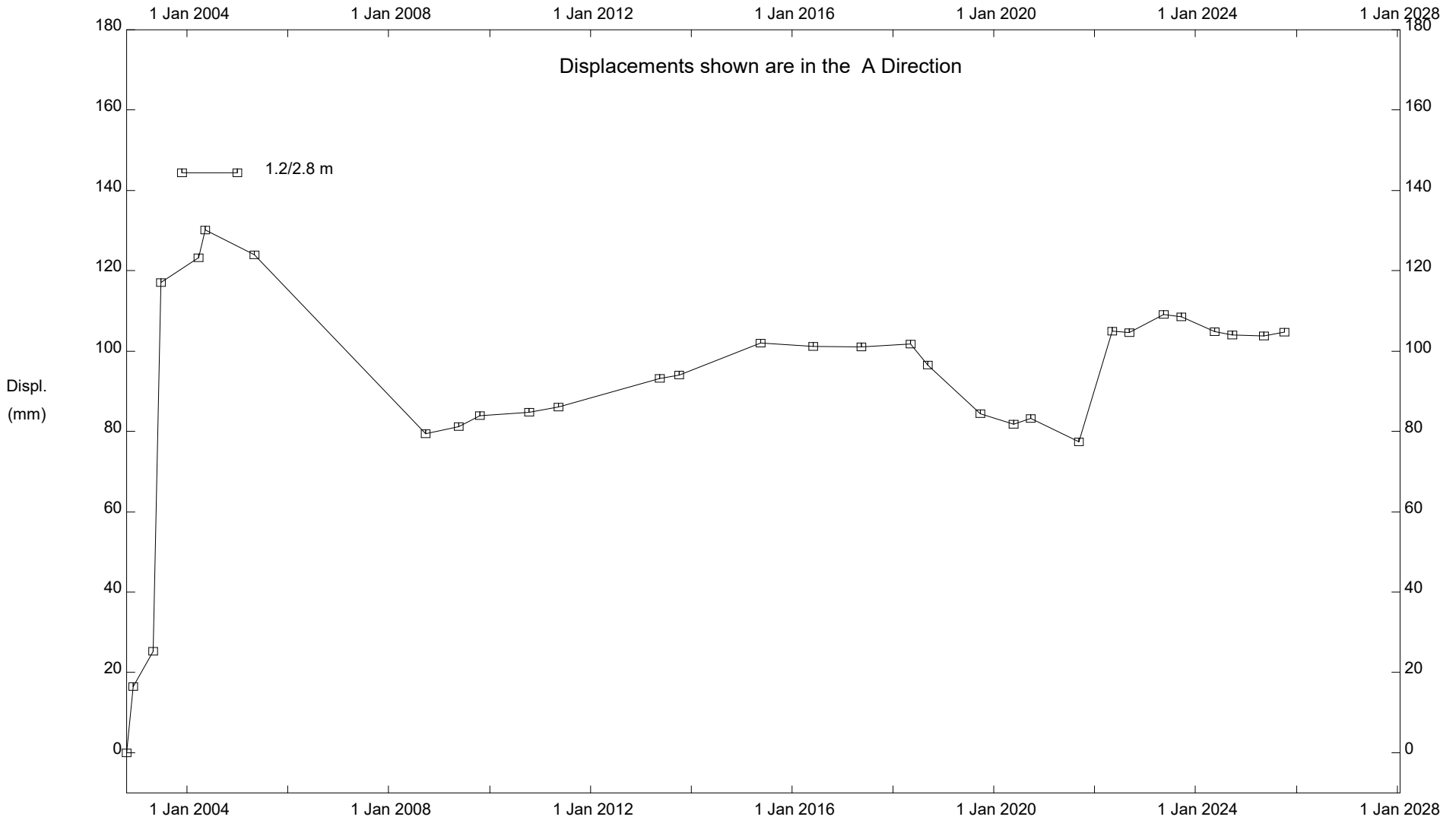


NC67, Inclinator SI-03

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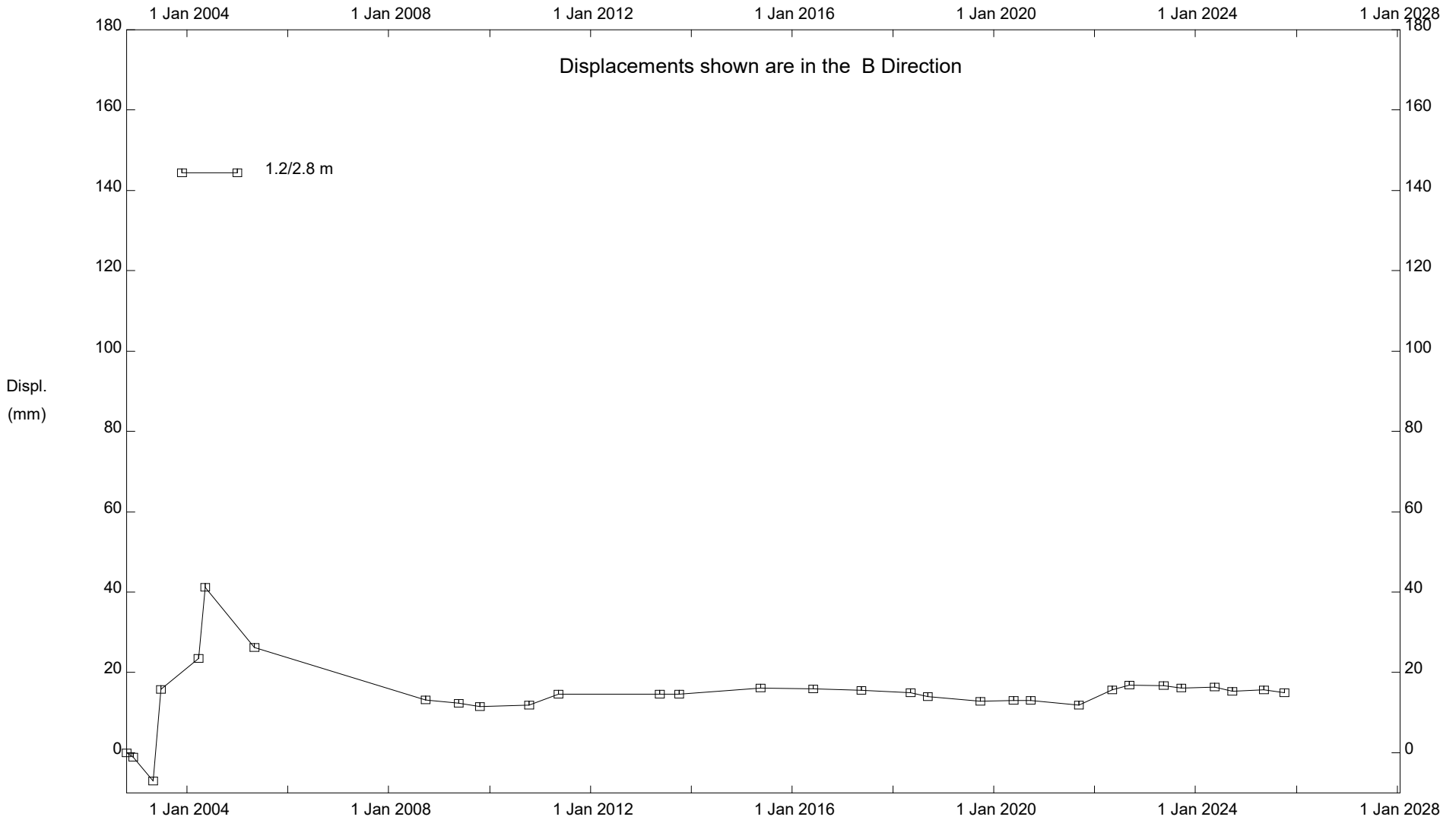
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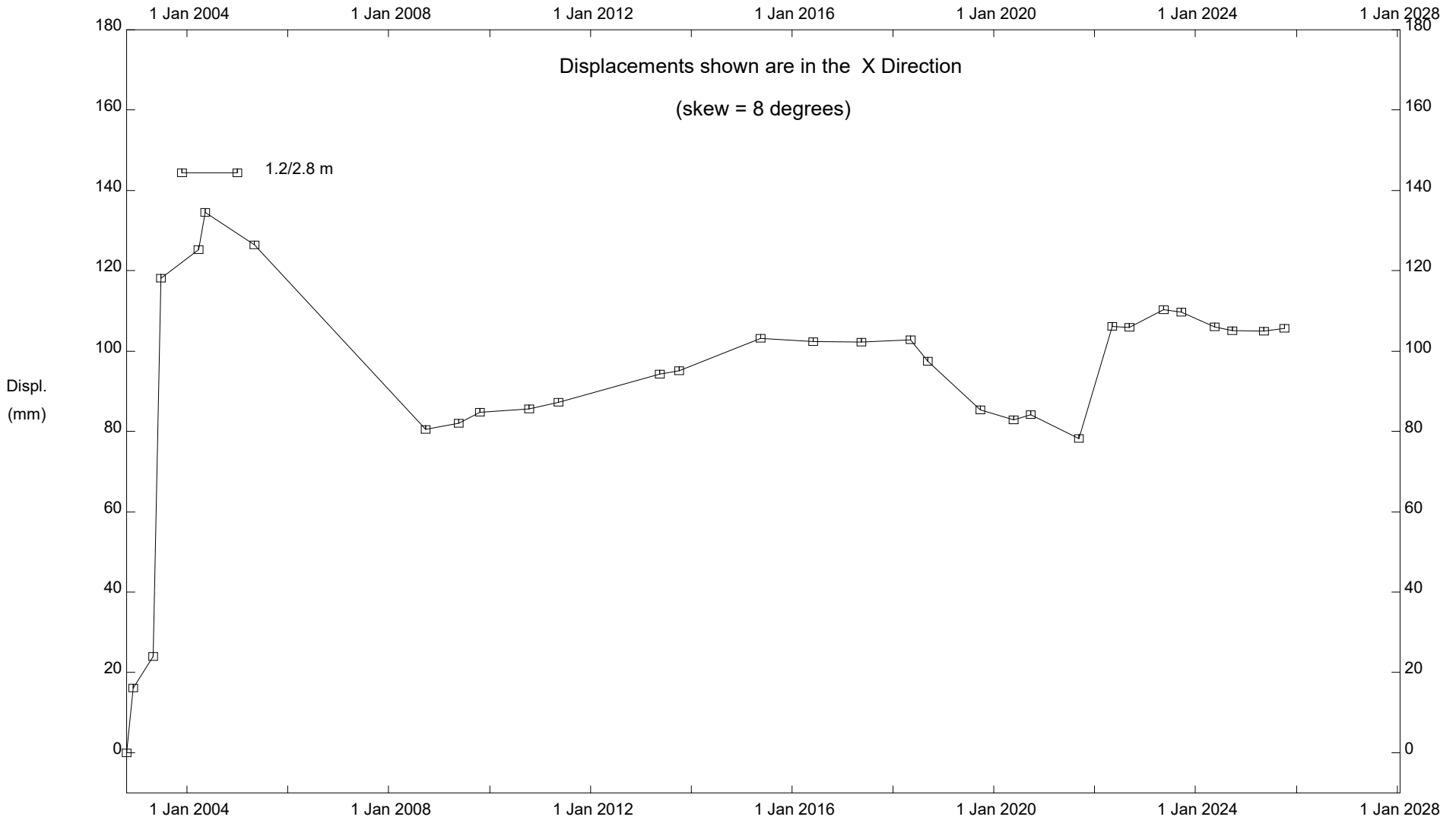
NC67, Inclinator SI-03

Transportation & Economic Corridors



NC67, Inclinator SI-03

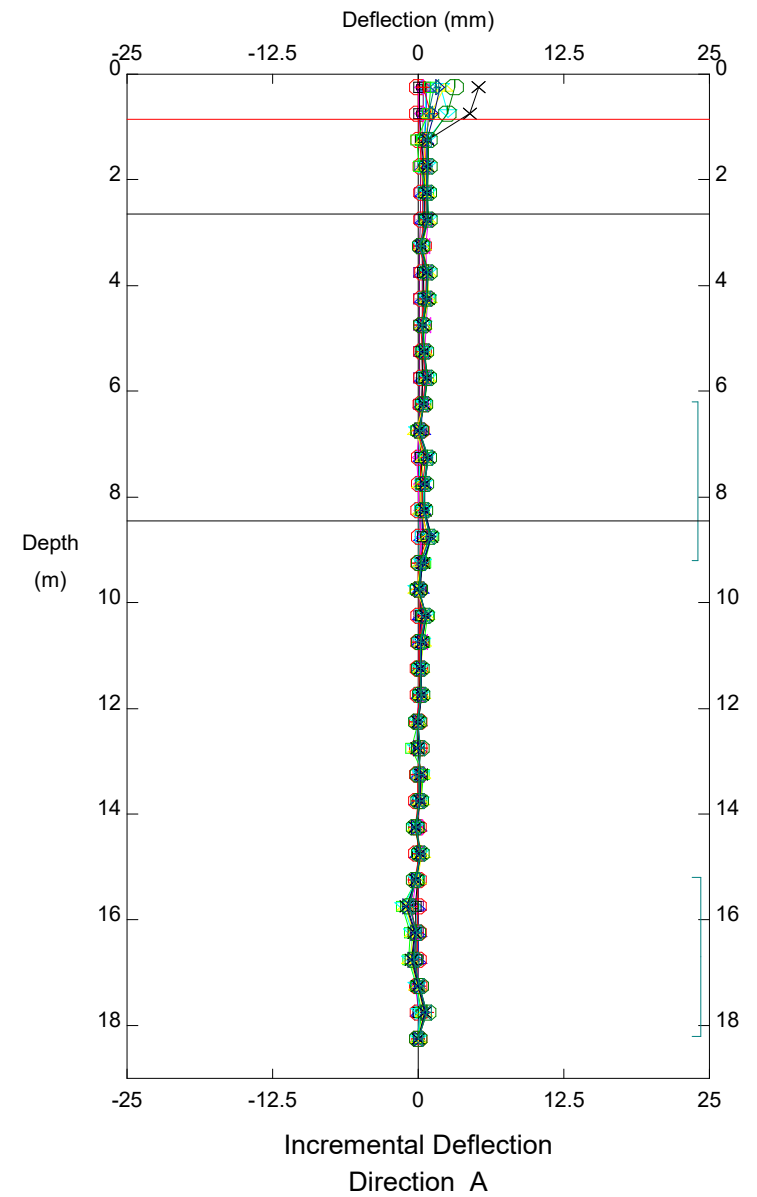
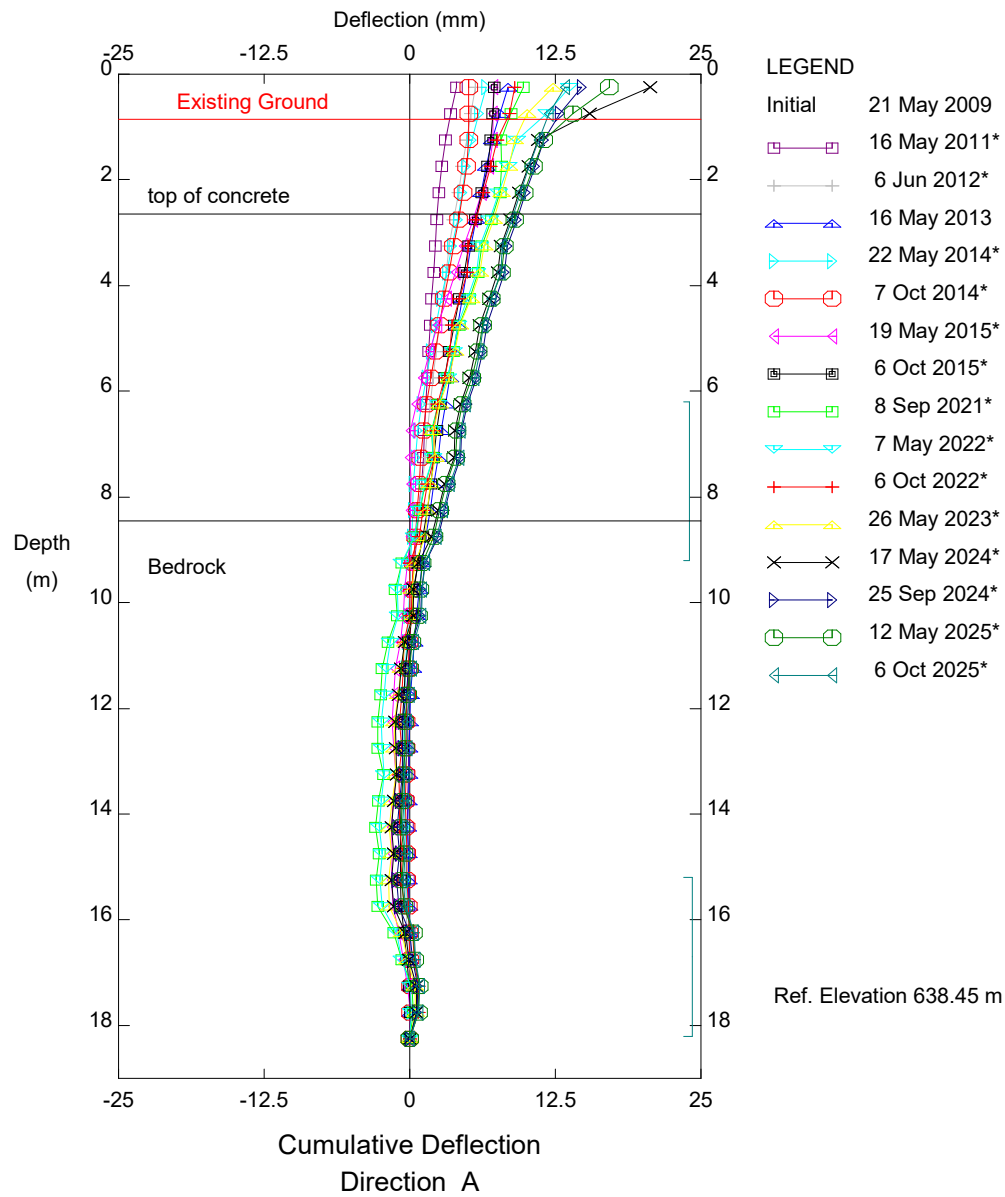
Transportation & Economic Corridors



NC67, Inclinator SI-03

Transportation & Economic Corridors

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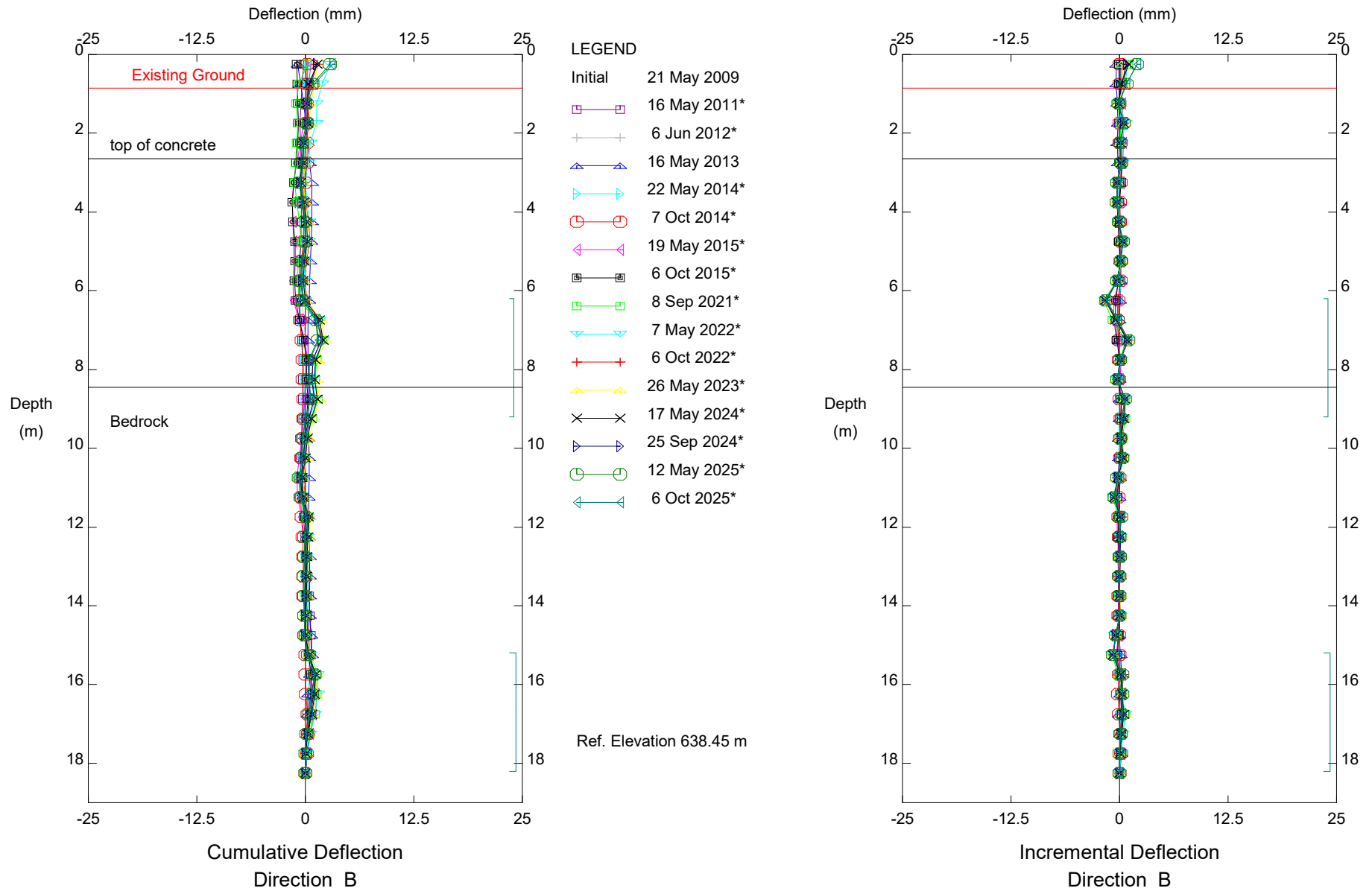


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Transportation & Economic Corridors

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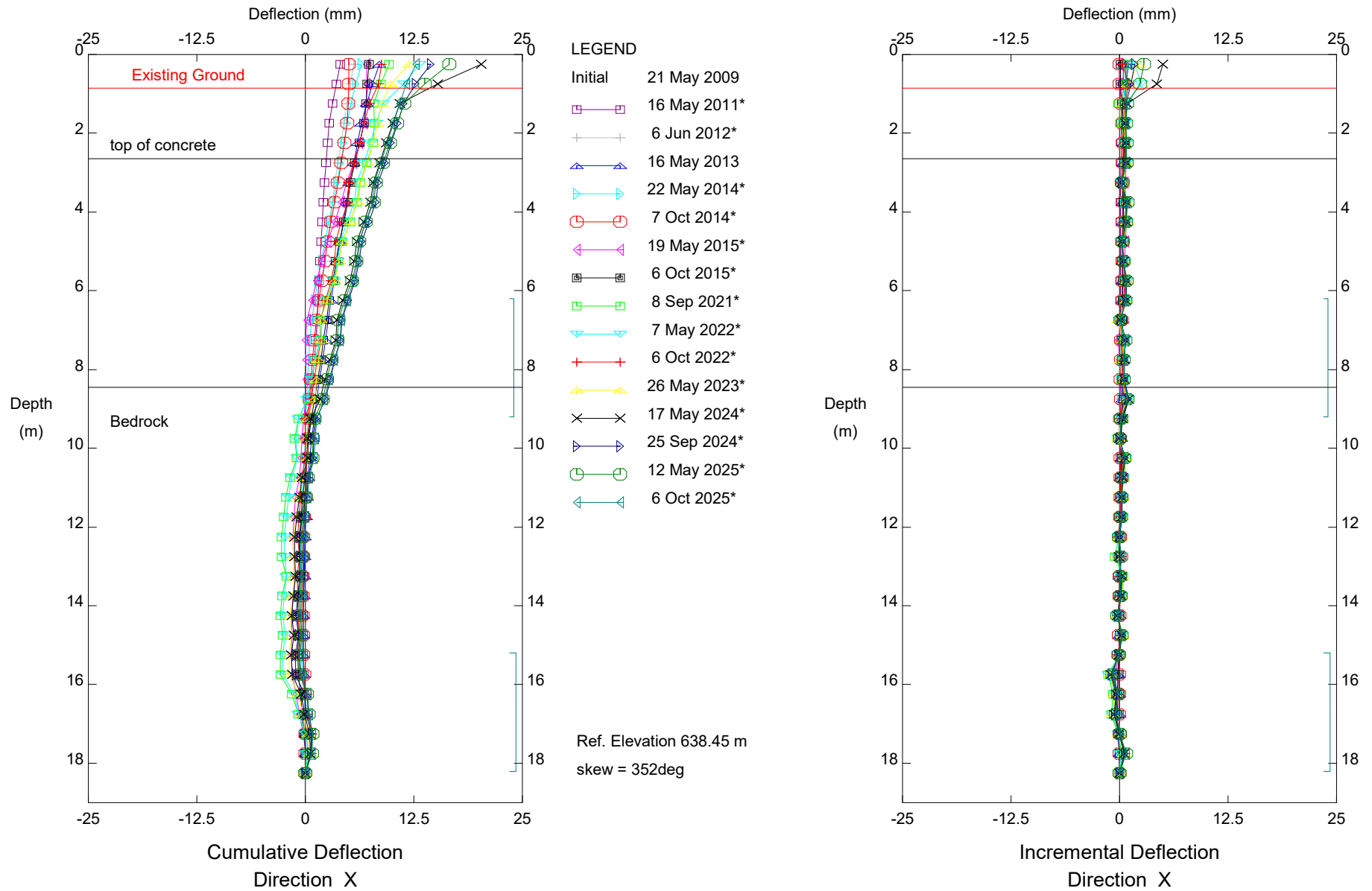
Stantec Consulting Ltd - Edmonton



NC67, Inclinometer SI-04

Transportation & Economic Corridors

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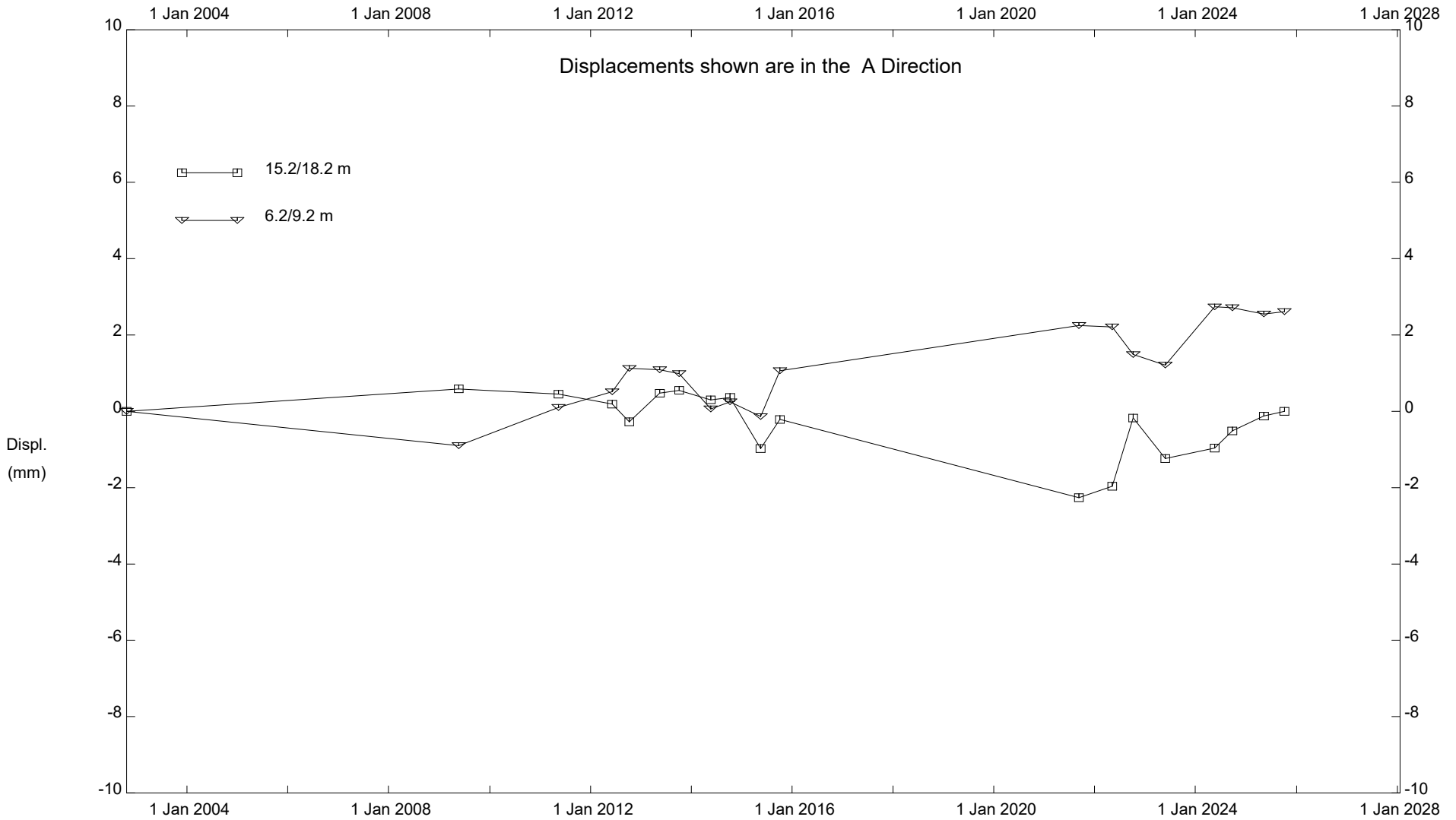


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Transportation & Economic Corridors

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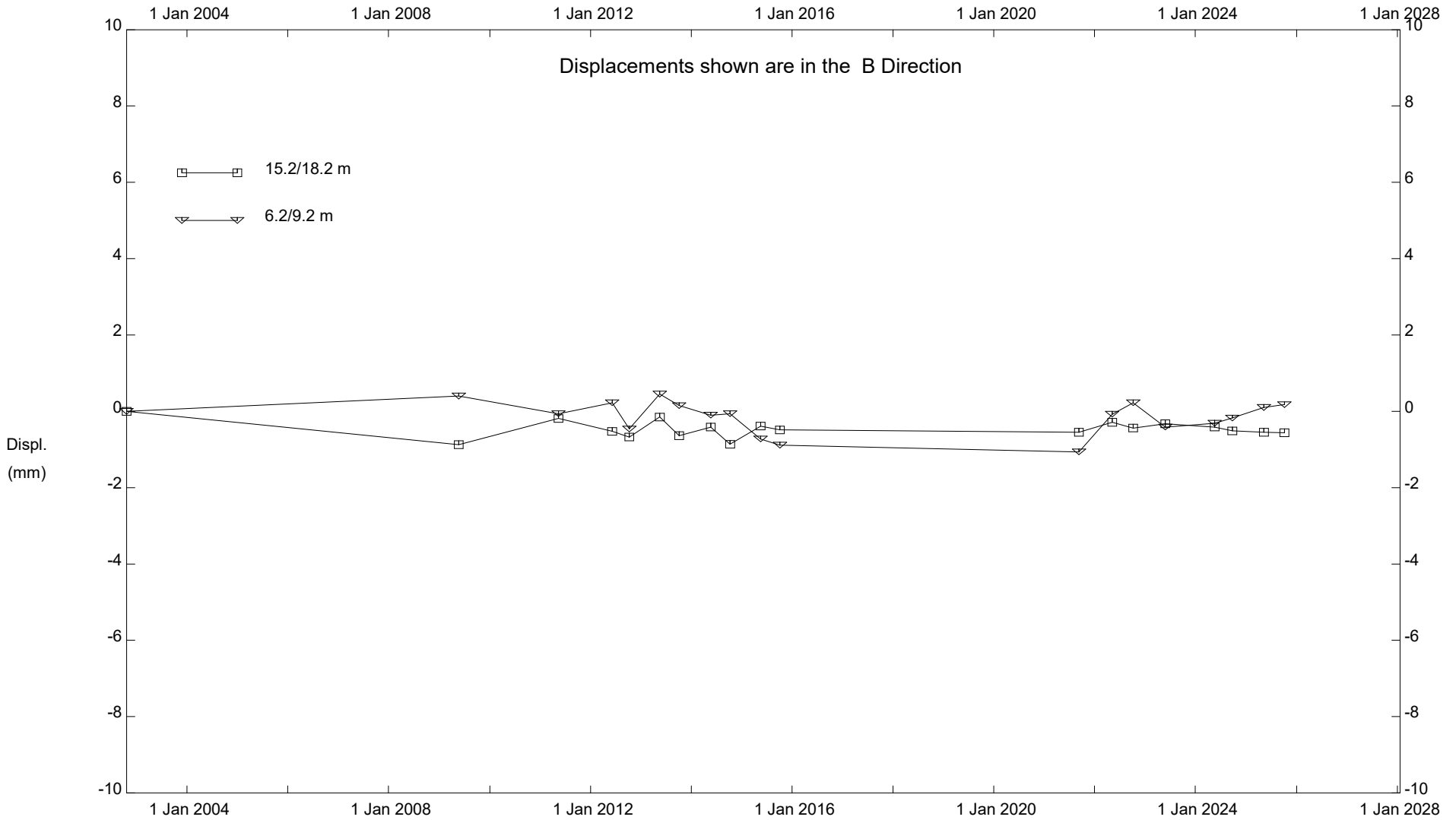
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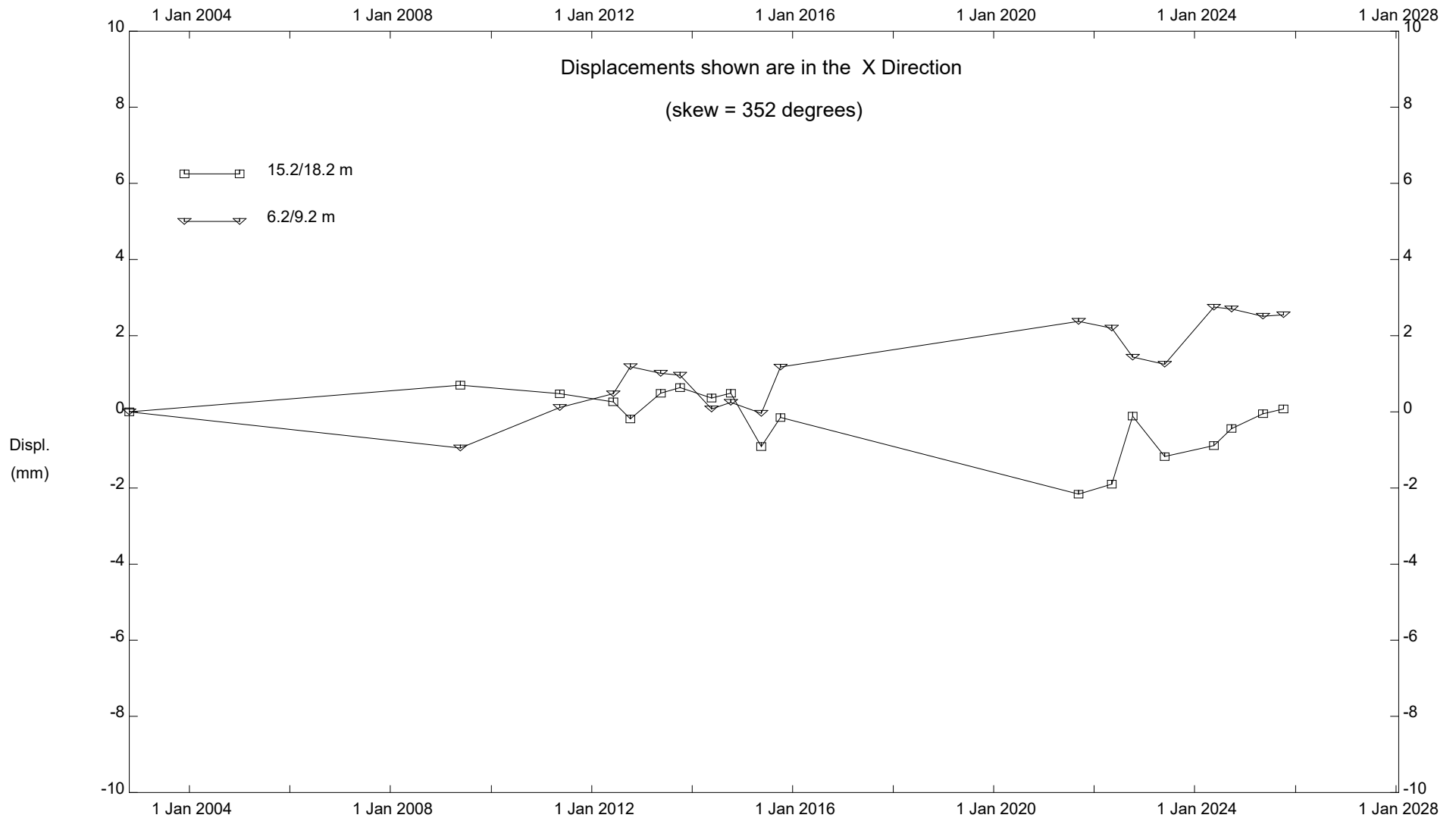
Transportation & Economic Corridors

Stantec Consulting Ltd - Edmonton



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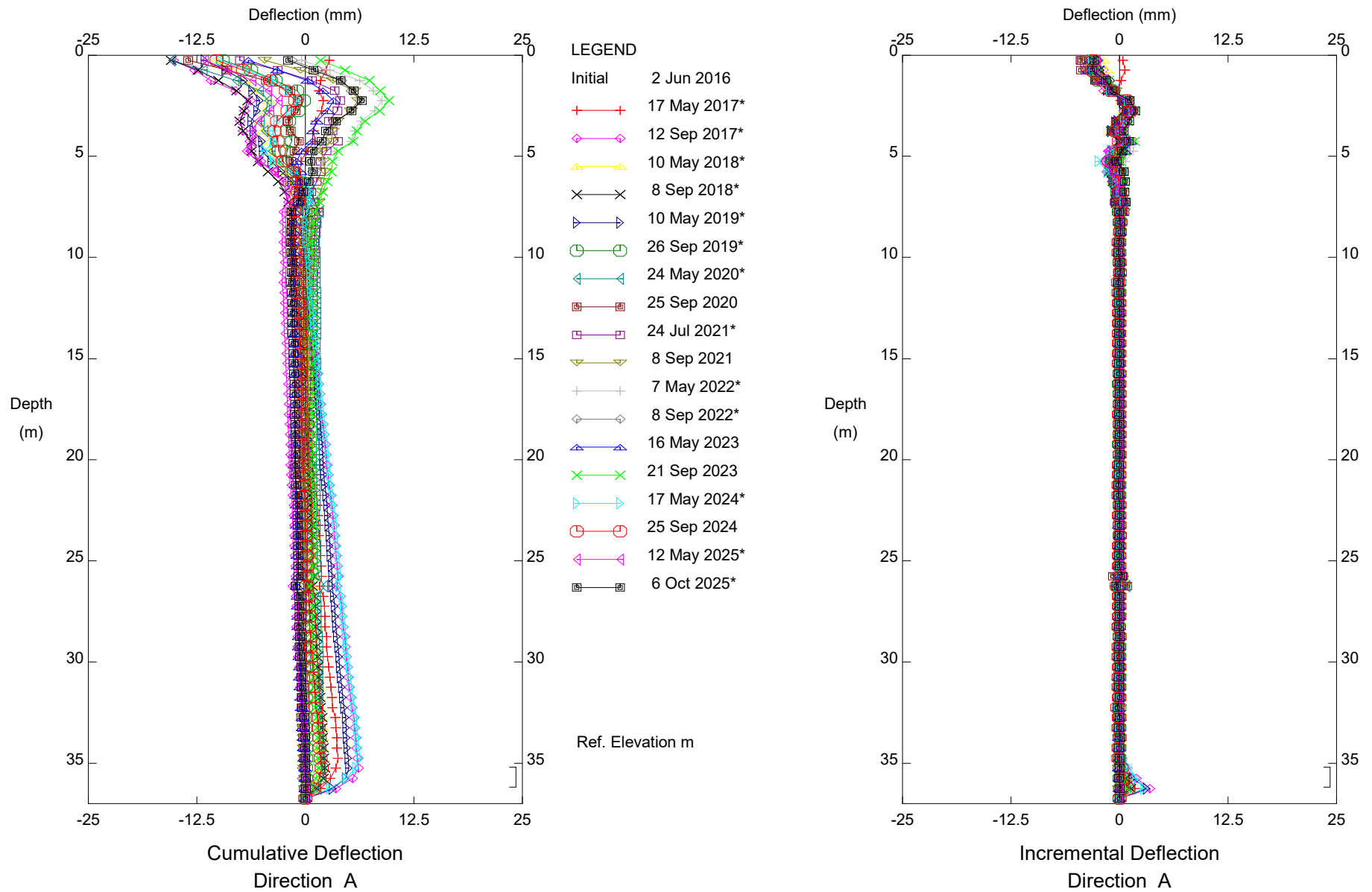
Transportation & Economic Corridors



NC67, Inclinometer SI-04

Transportation & Economic Corridors

Stantec Consulting Ltd - Edmonton



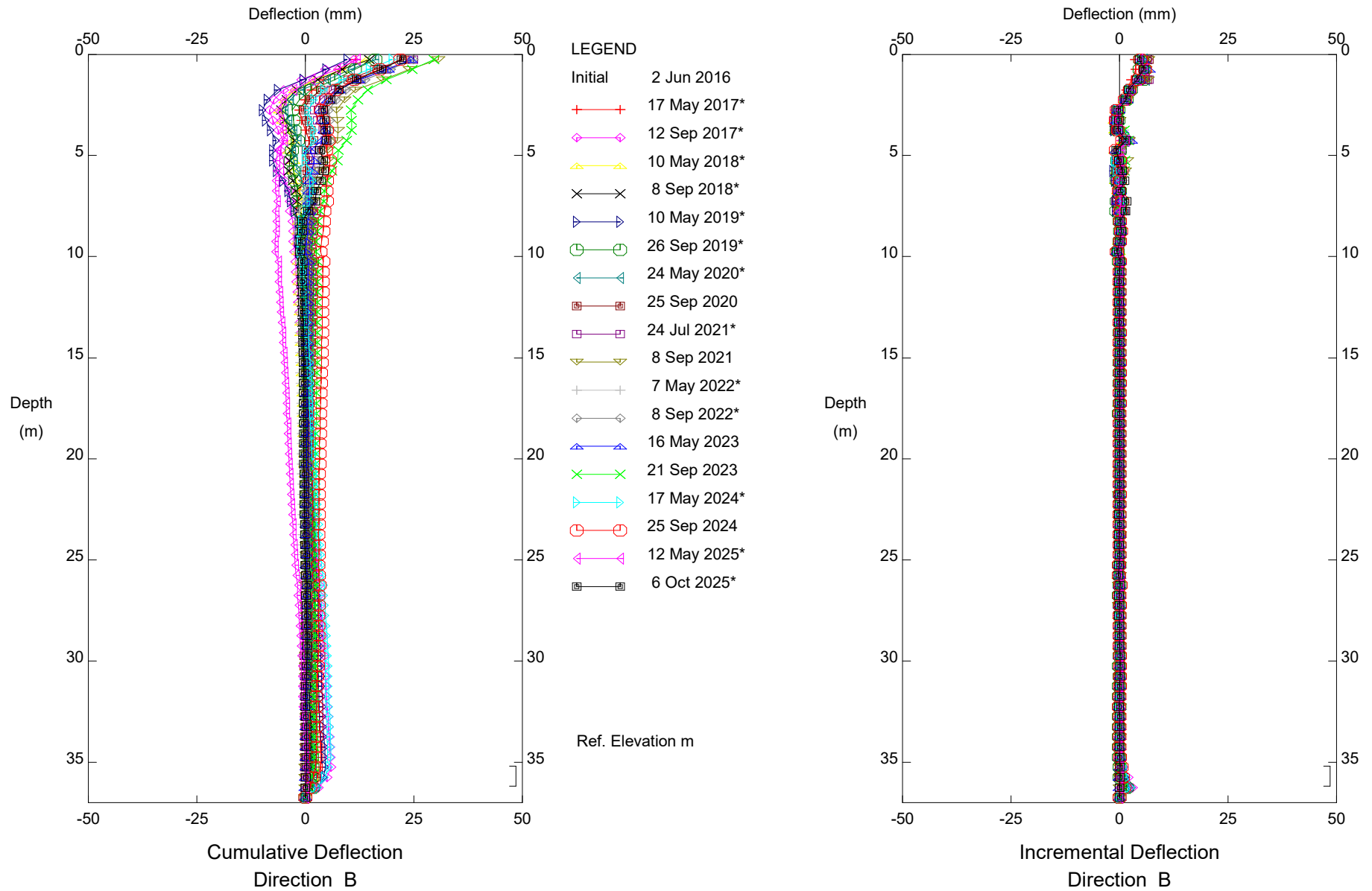
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Transportation & Economic Corridors

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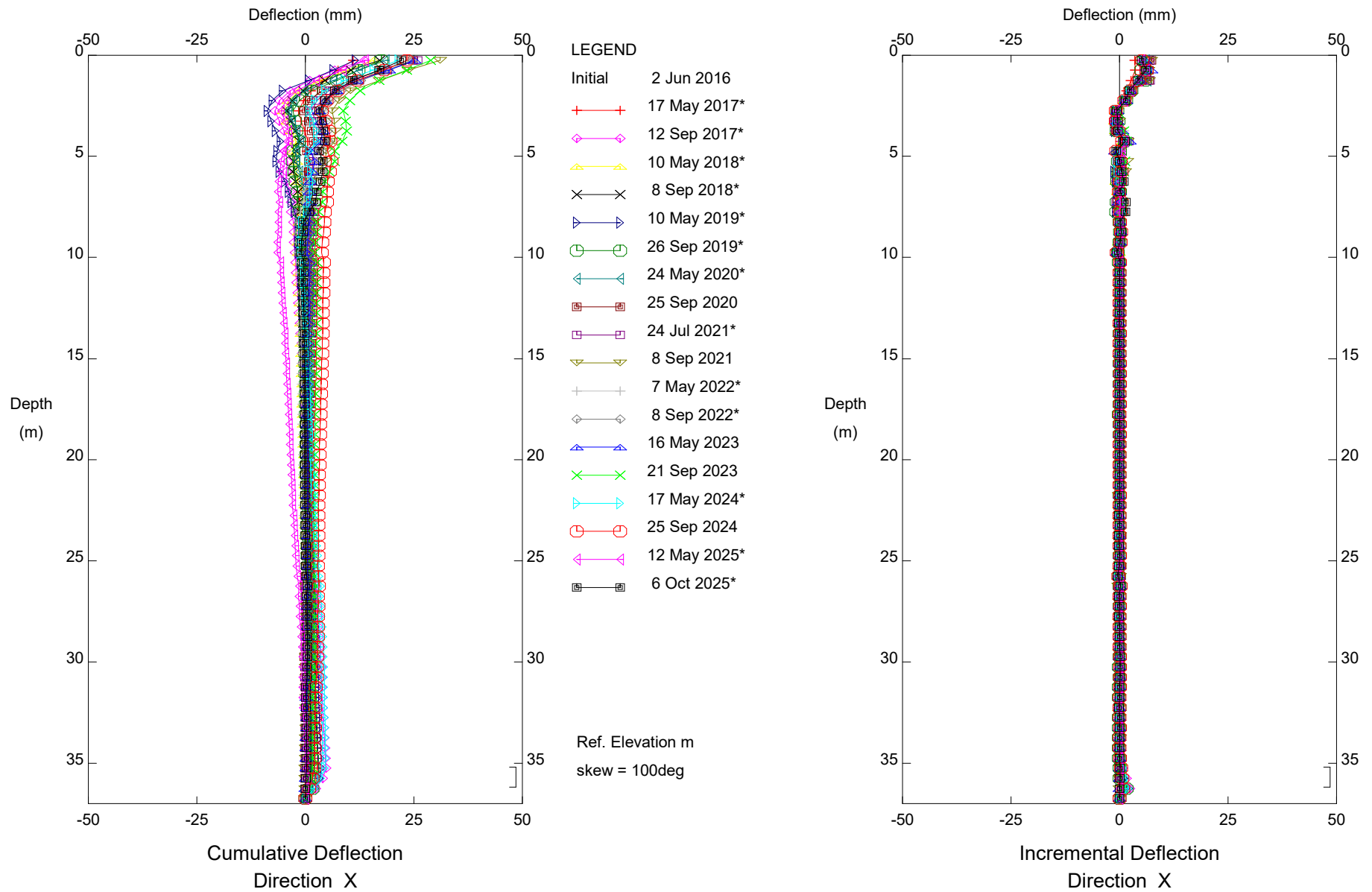


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Transportation & Economic Corridors

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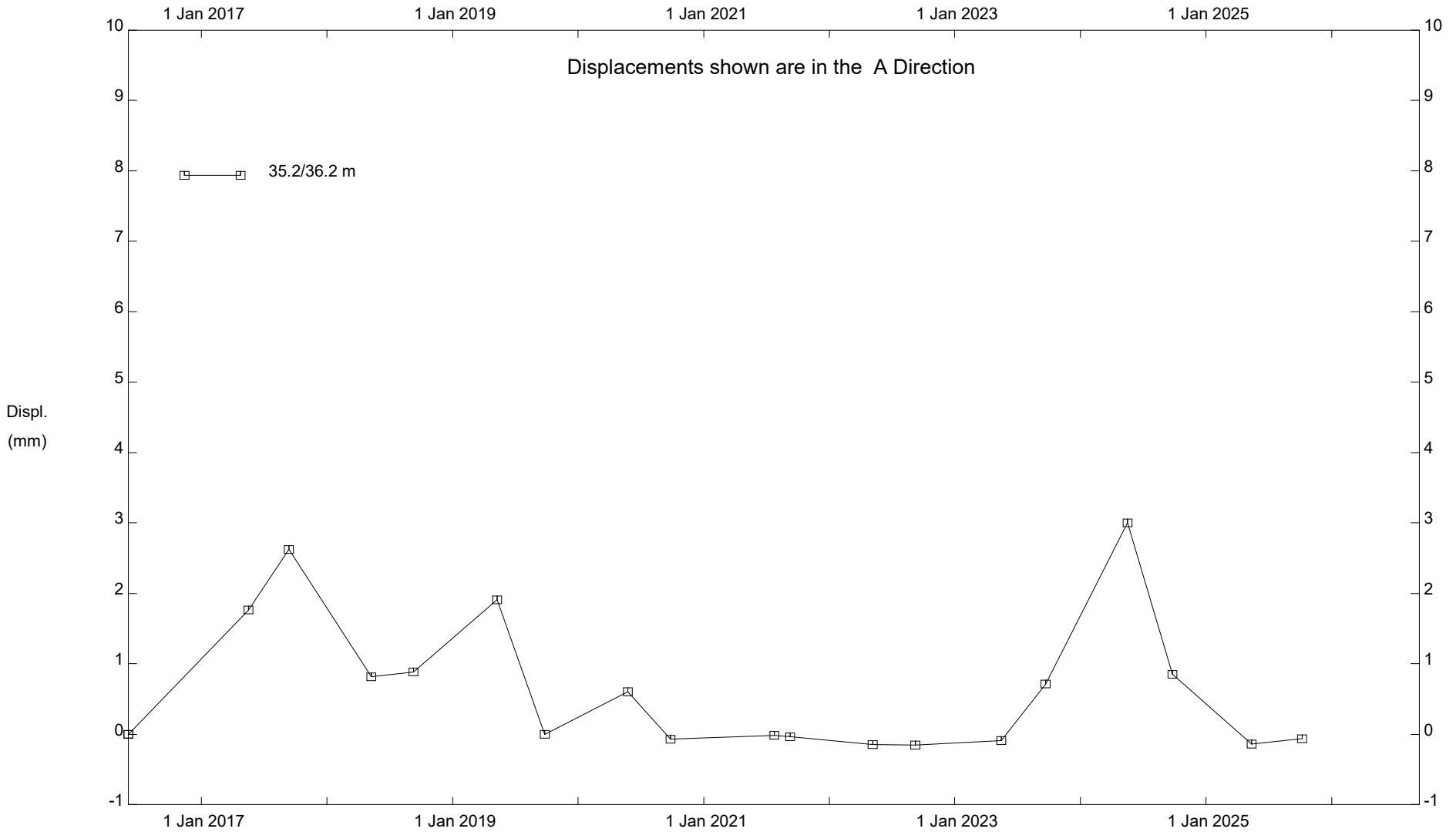
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Transportation & Economic Corridors

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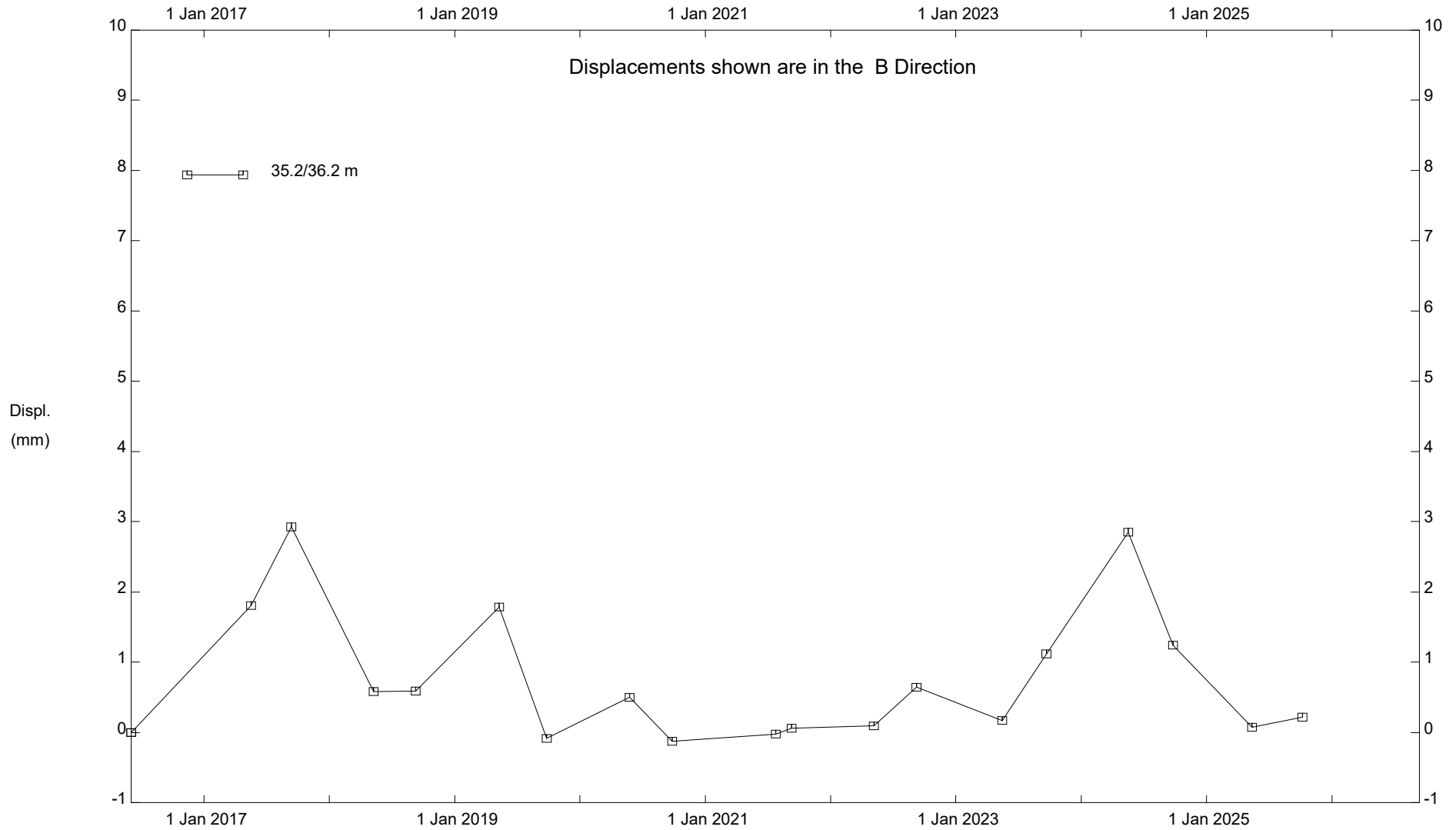
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Transportation & Economic Corridors

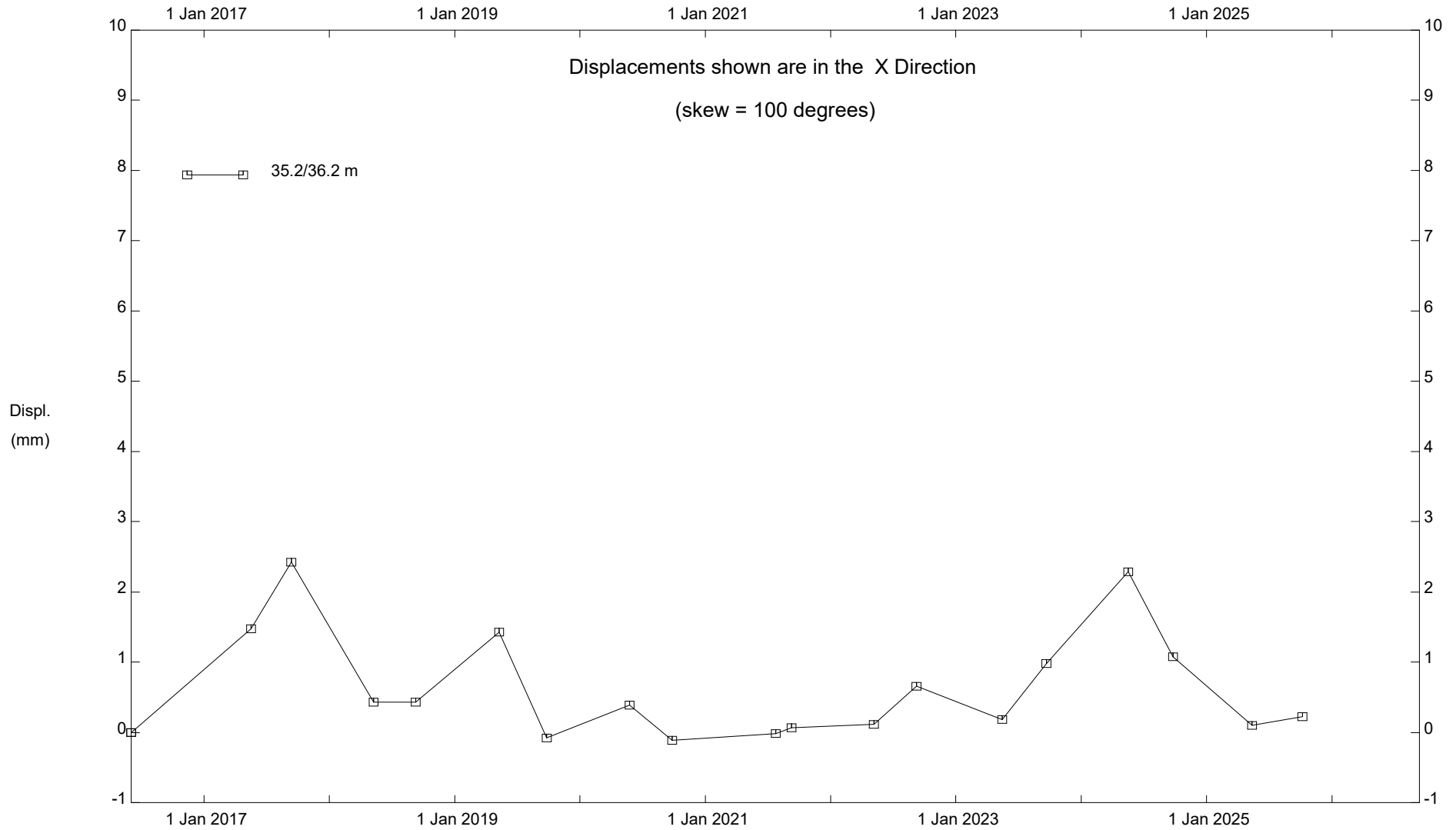
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Transportation & Economic Corridors

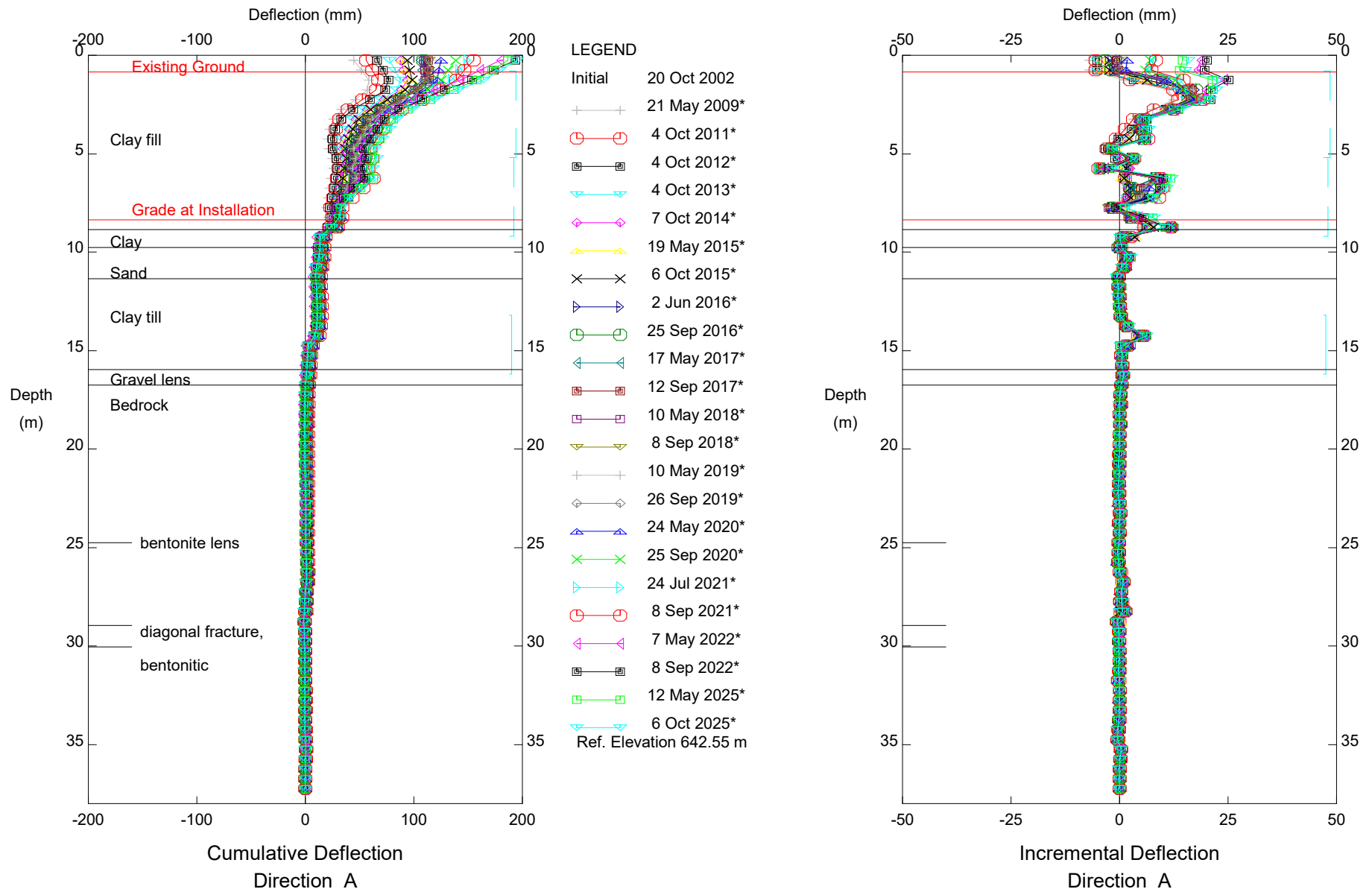
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Transportation & Economic Corridors

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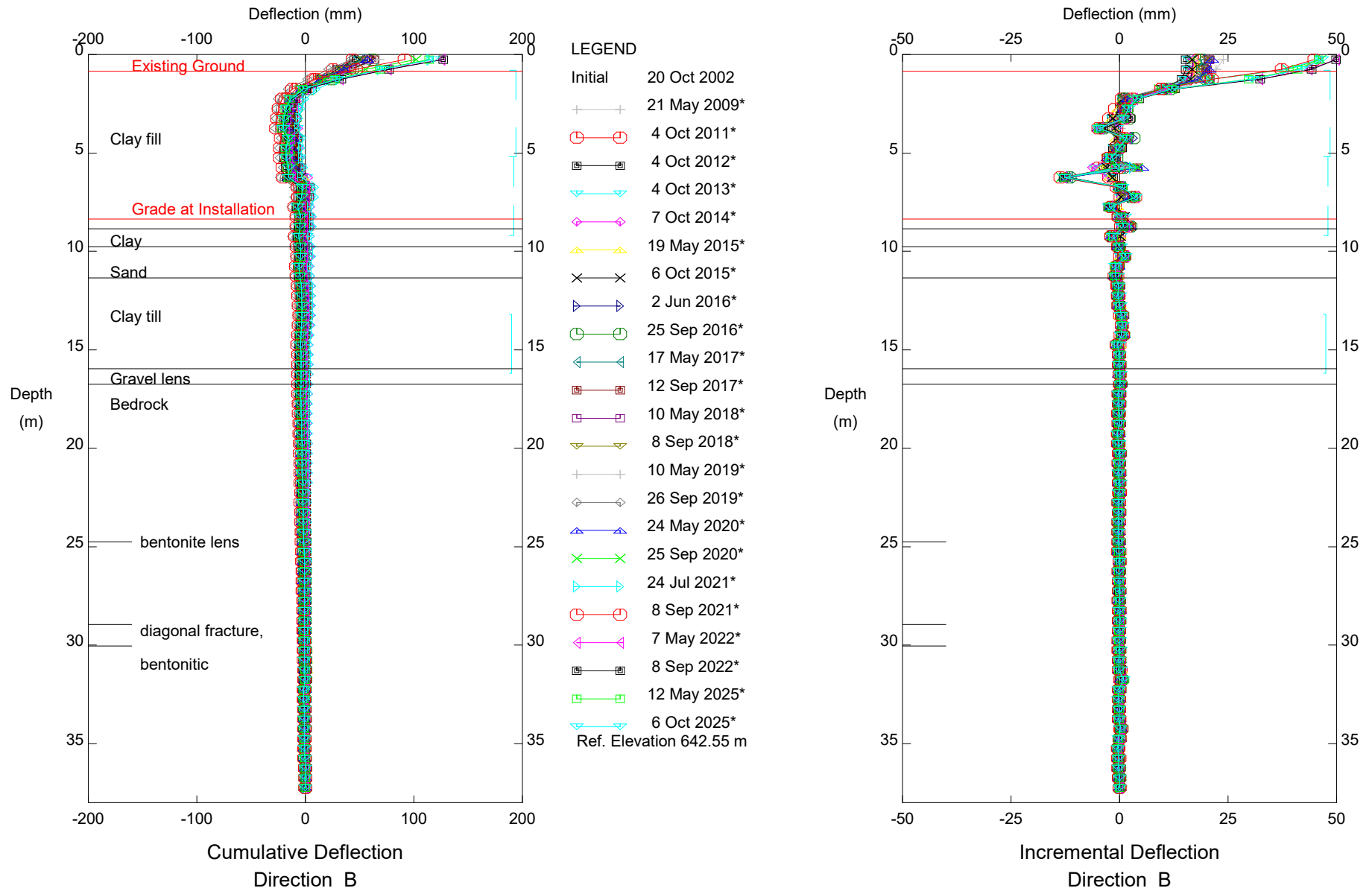


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Alberta Transportation

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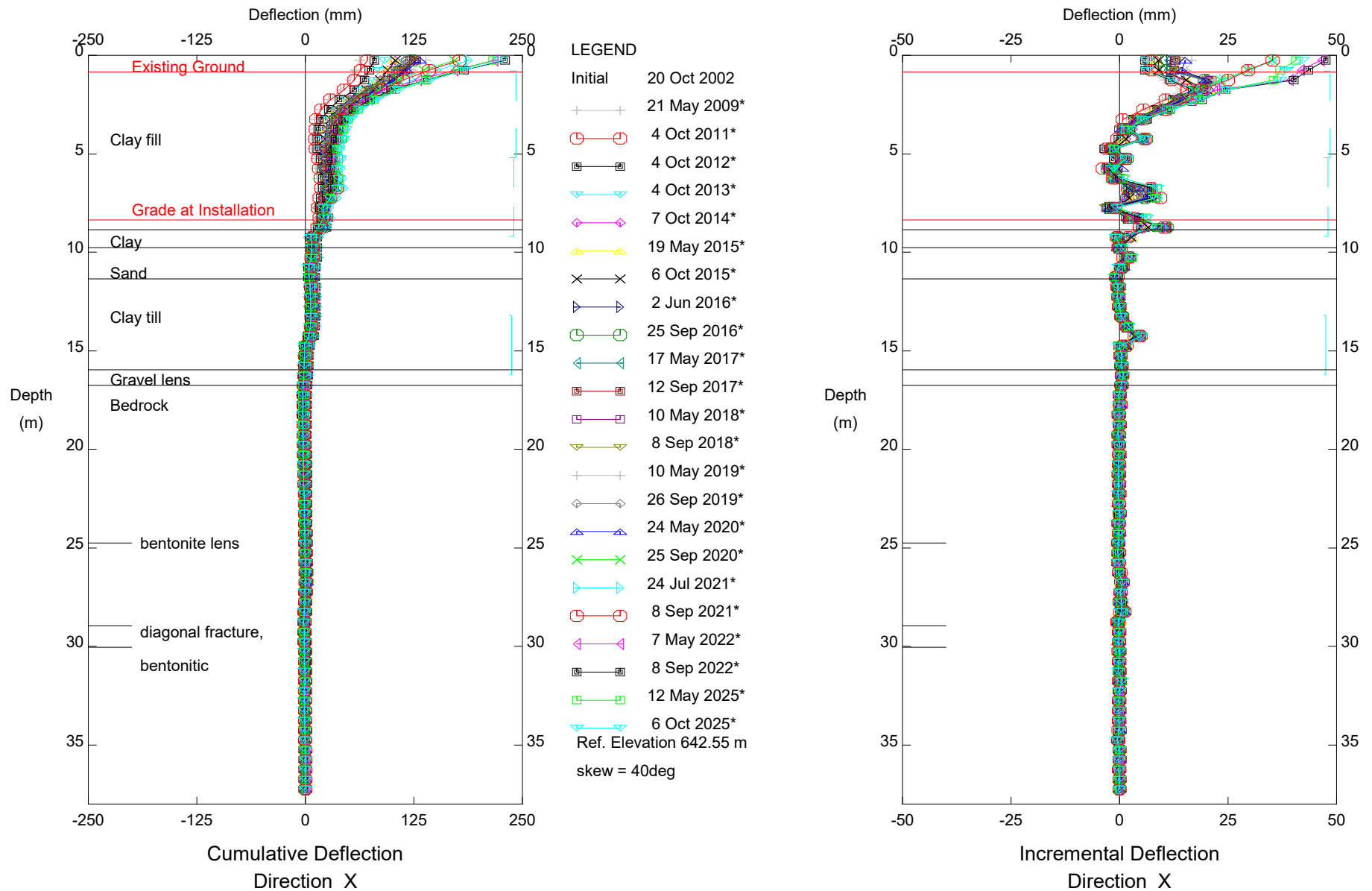


NC67, Inclinometer SI-07

Alberta Transportation

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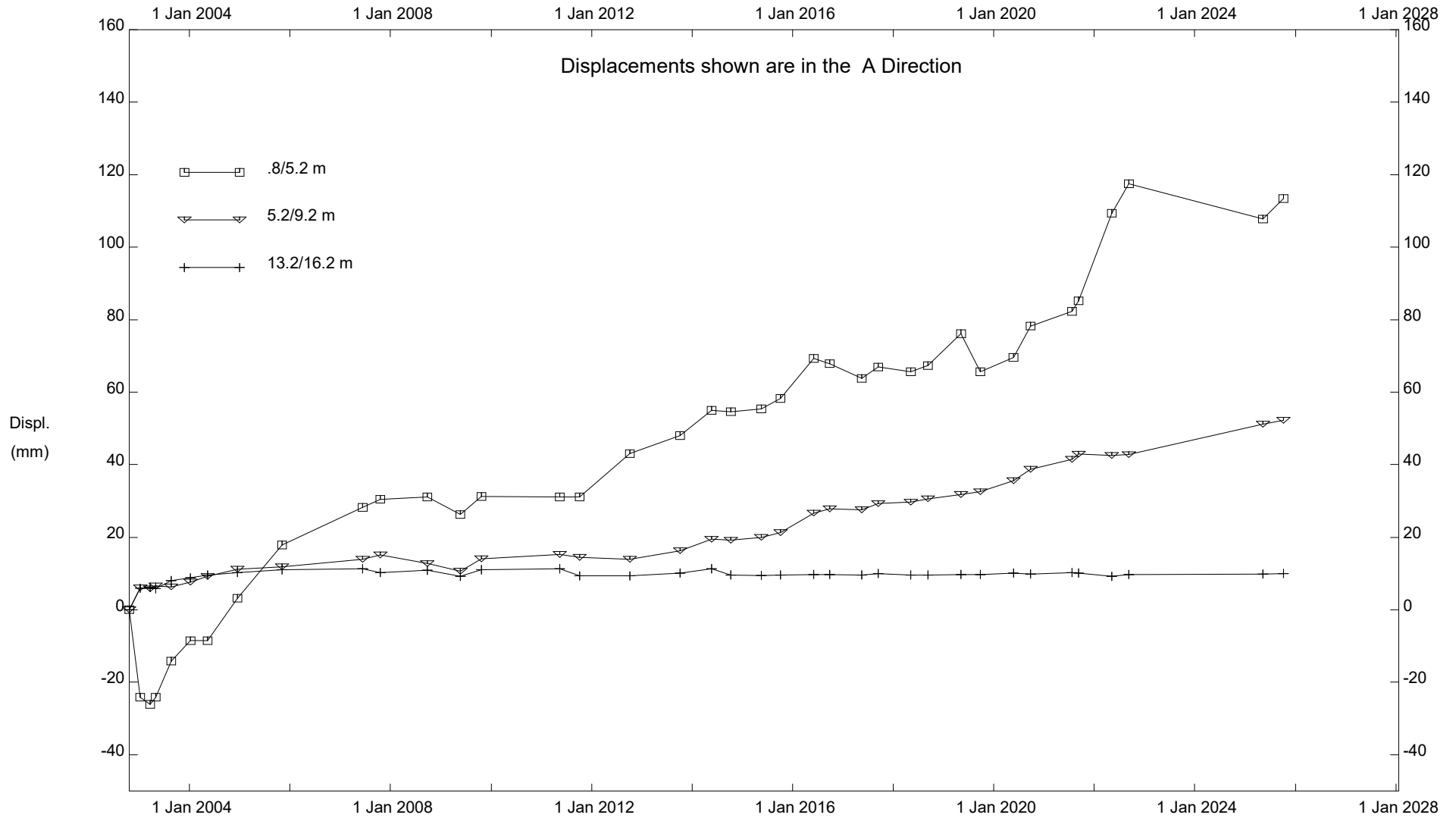


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Alberta Transportation

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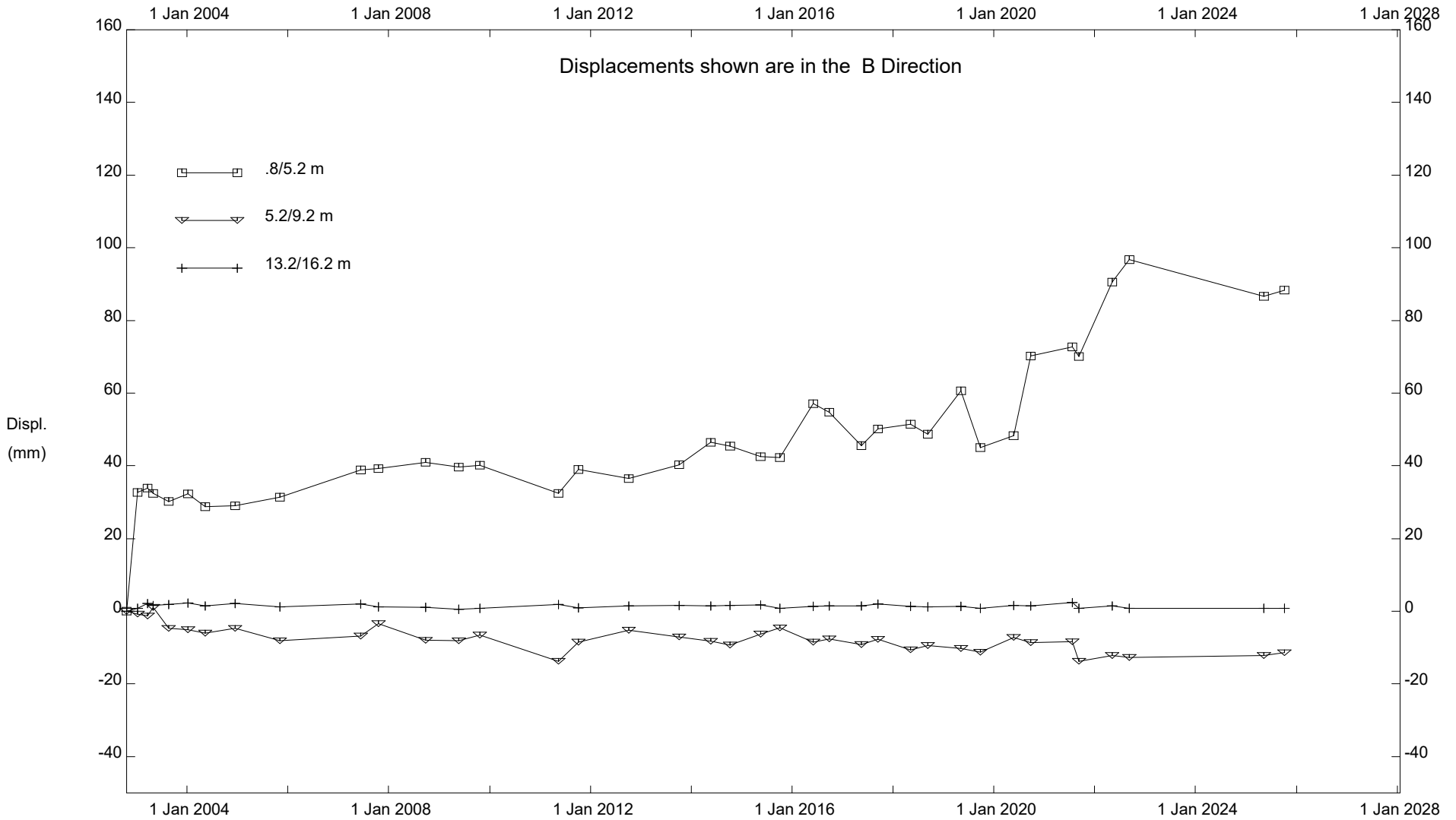
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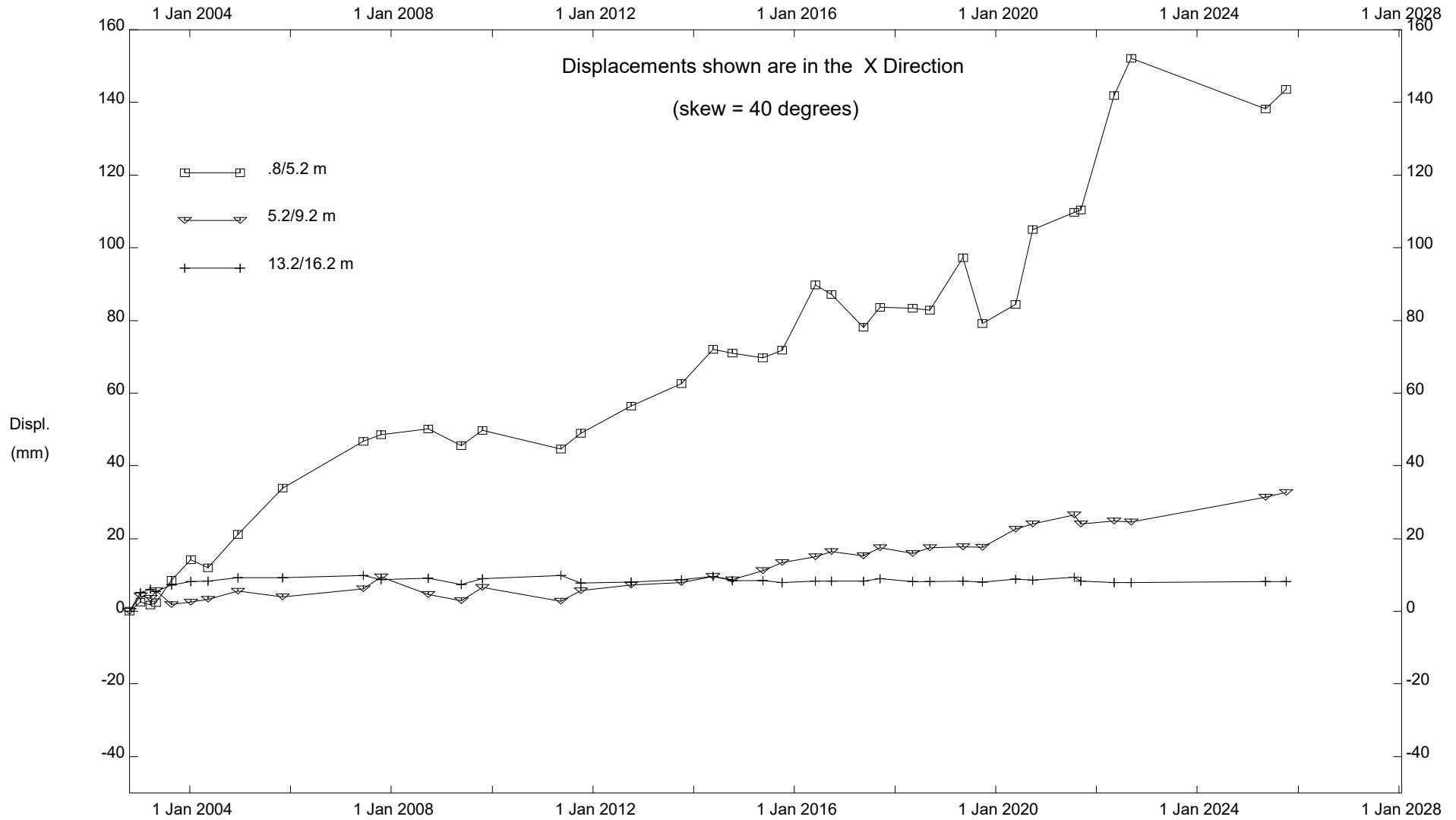
Alberta Transportation

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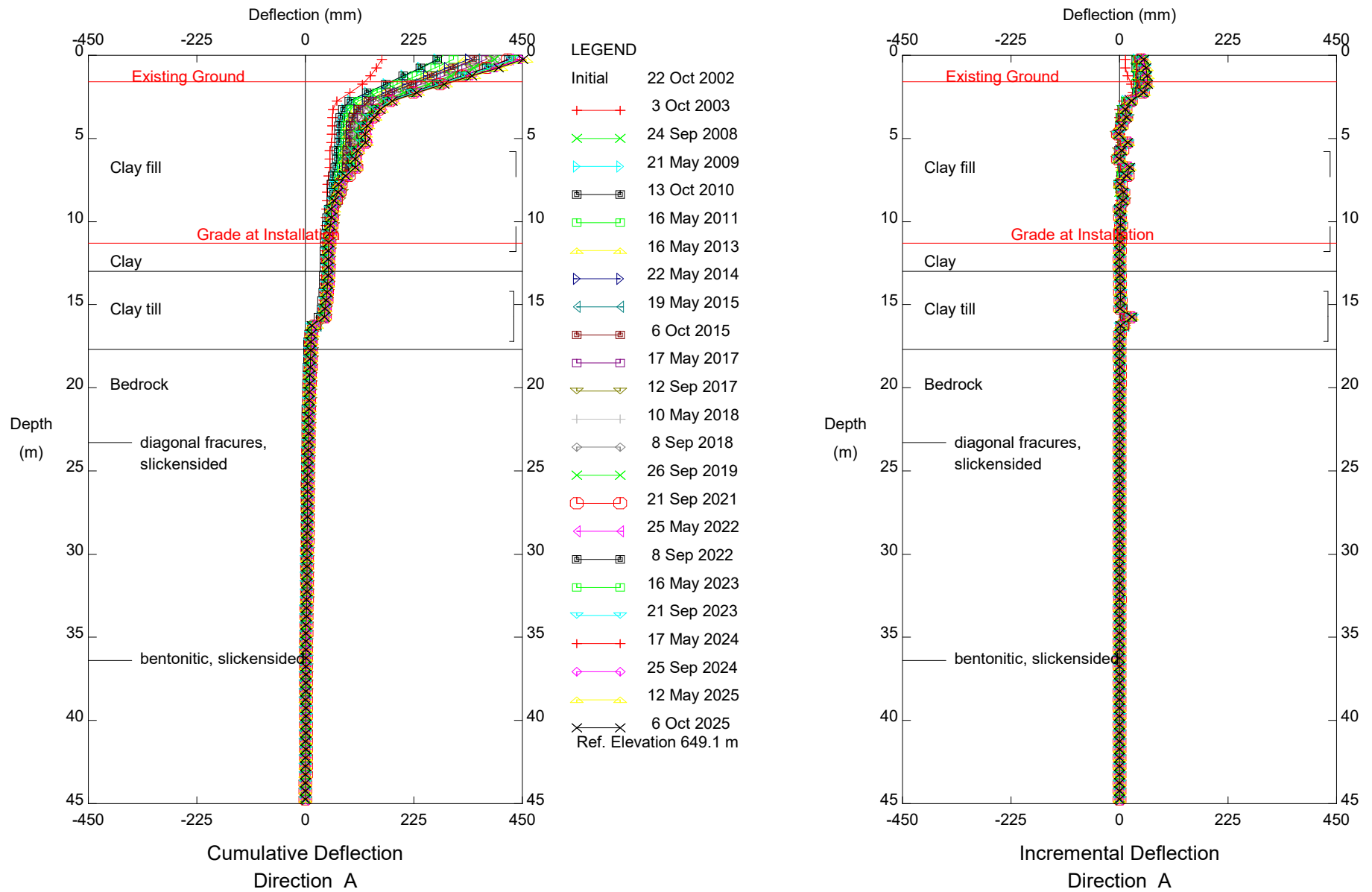
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Alberta Transportation



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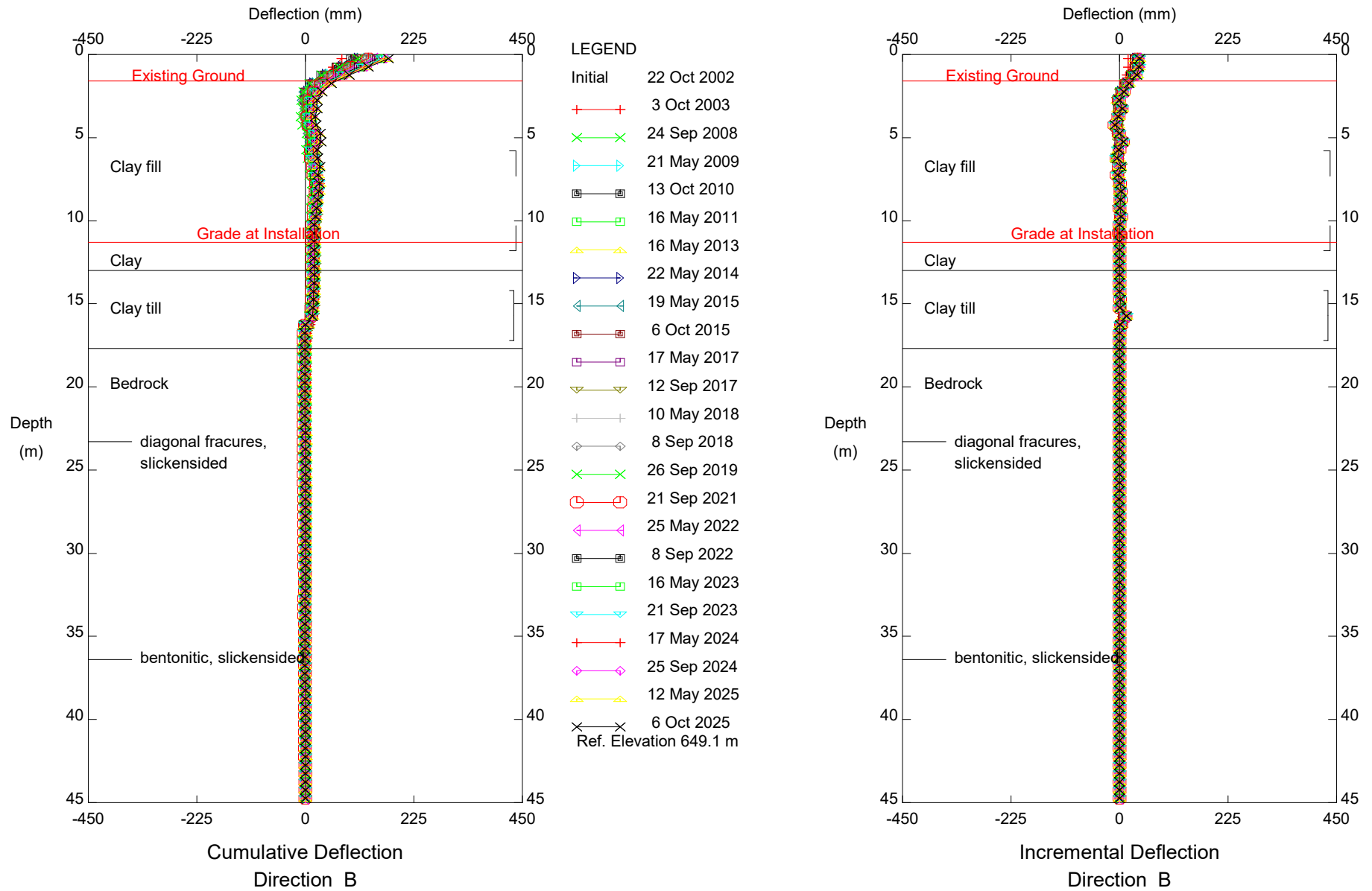
Alberta Transportation



NC67, Inclinometer SI-08

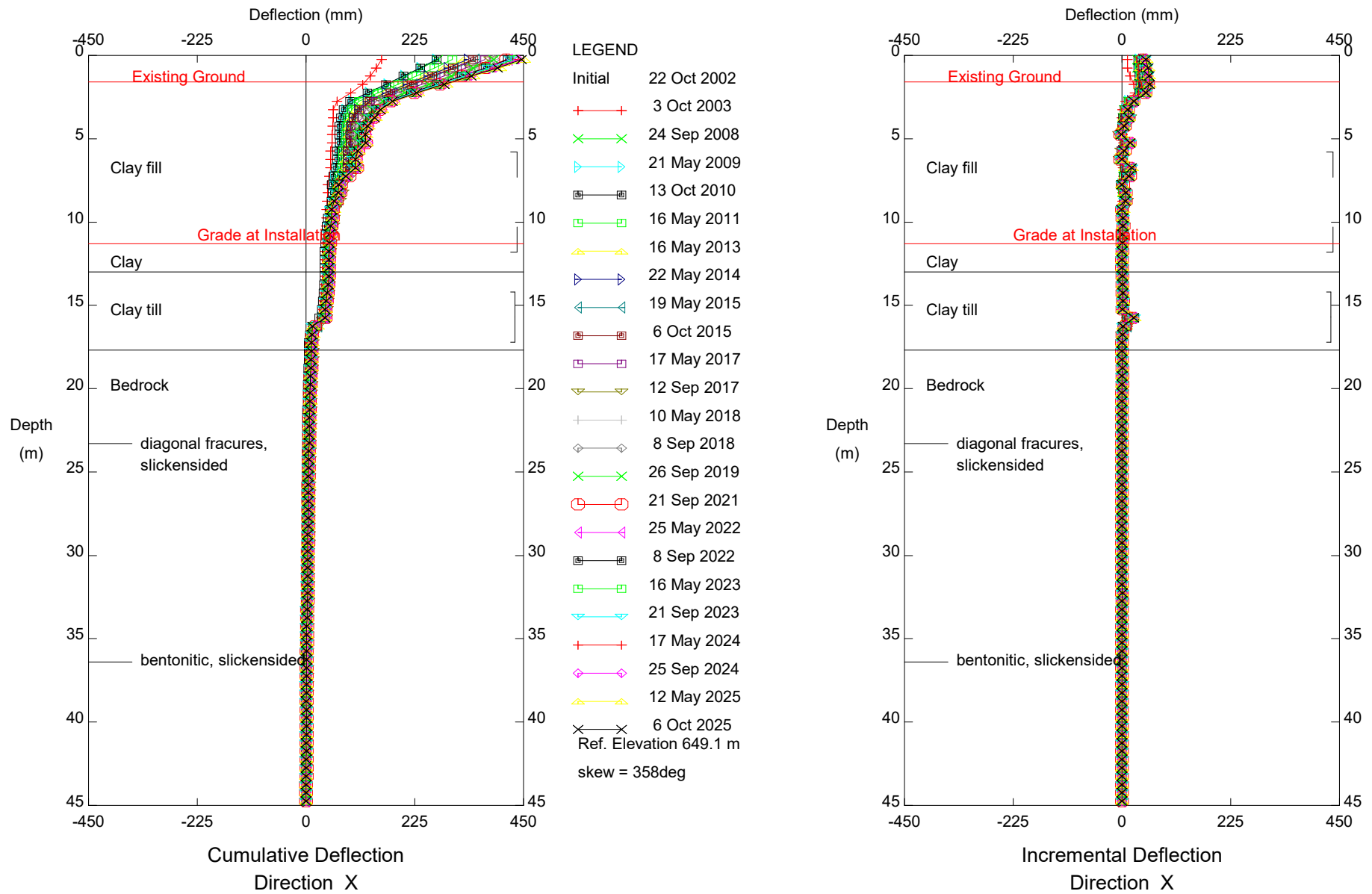
Transportation & Economic Corridors

Stantec Consulting Ltd - Edmonton



NC67, Inclinometer SI-08
Transportation & Economic Corridors

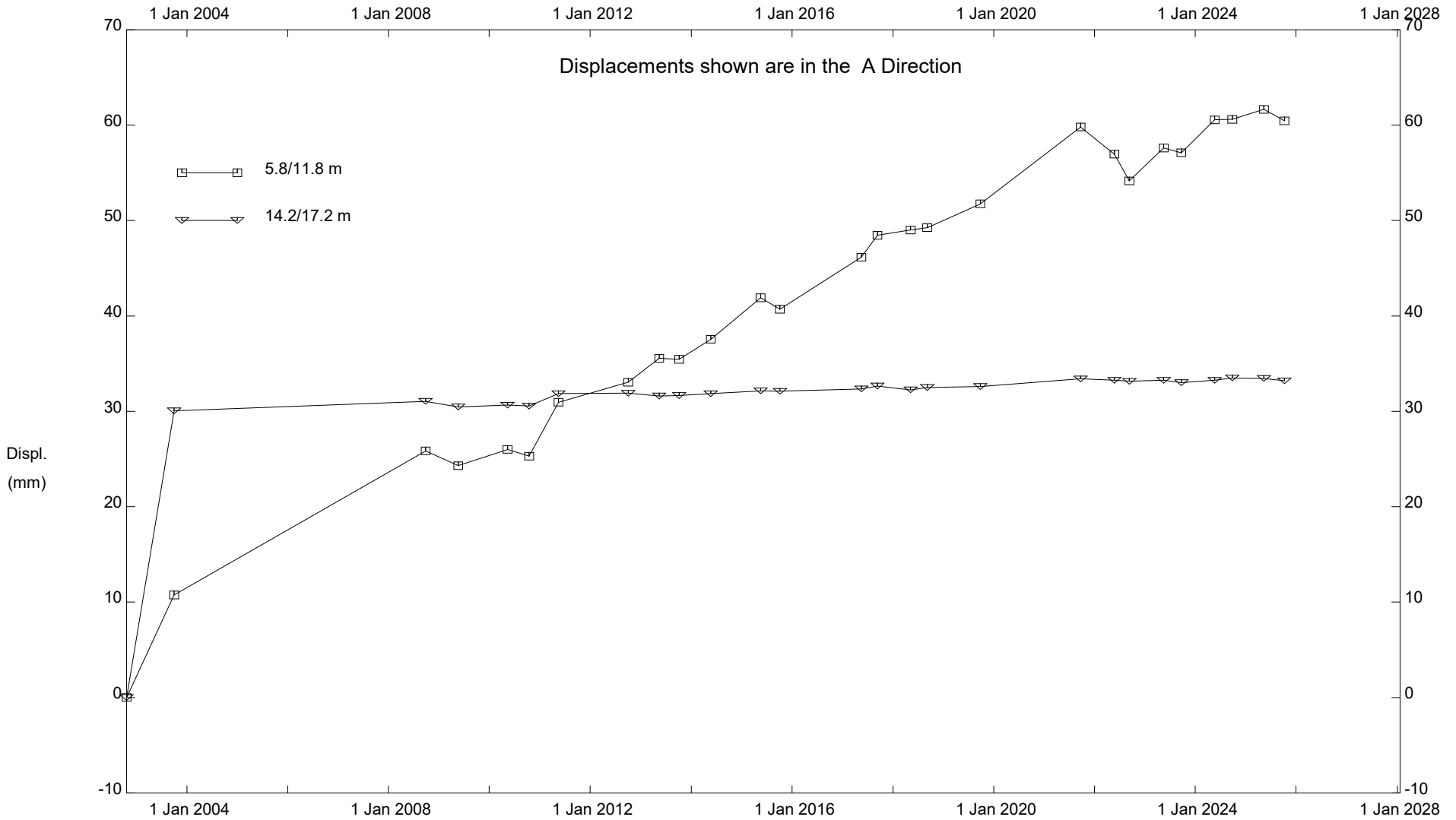
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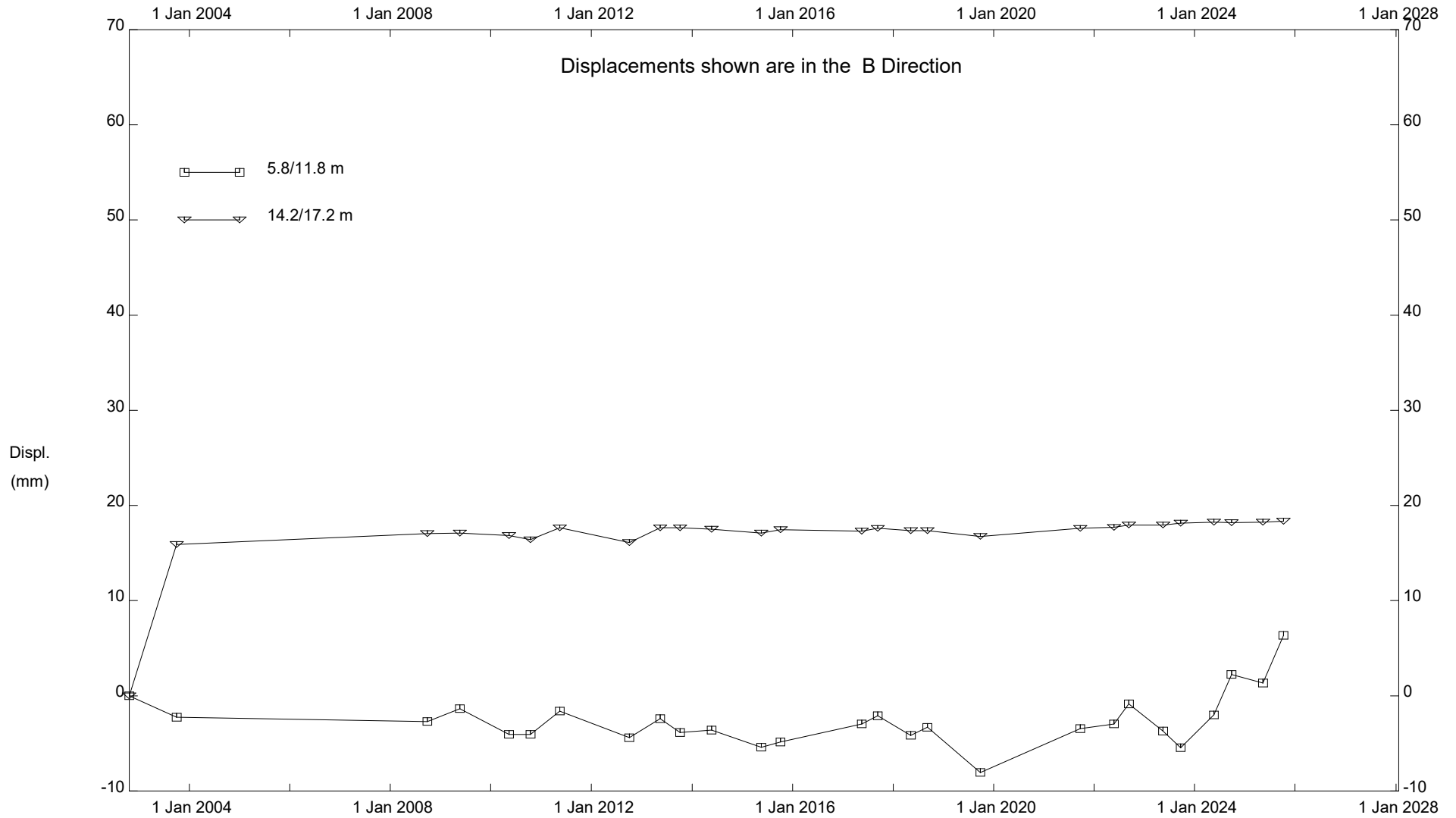
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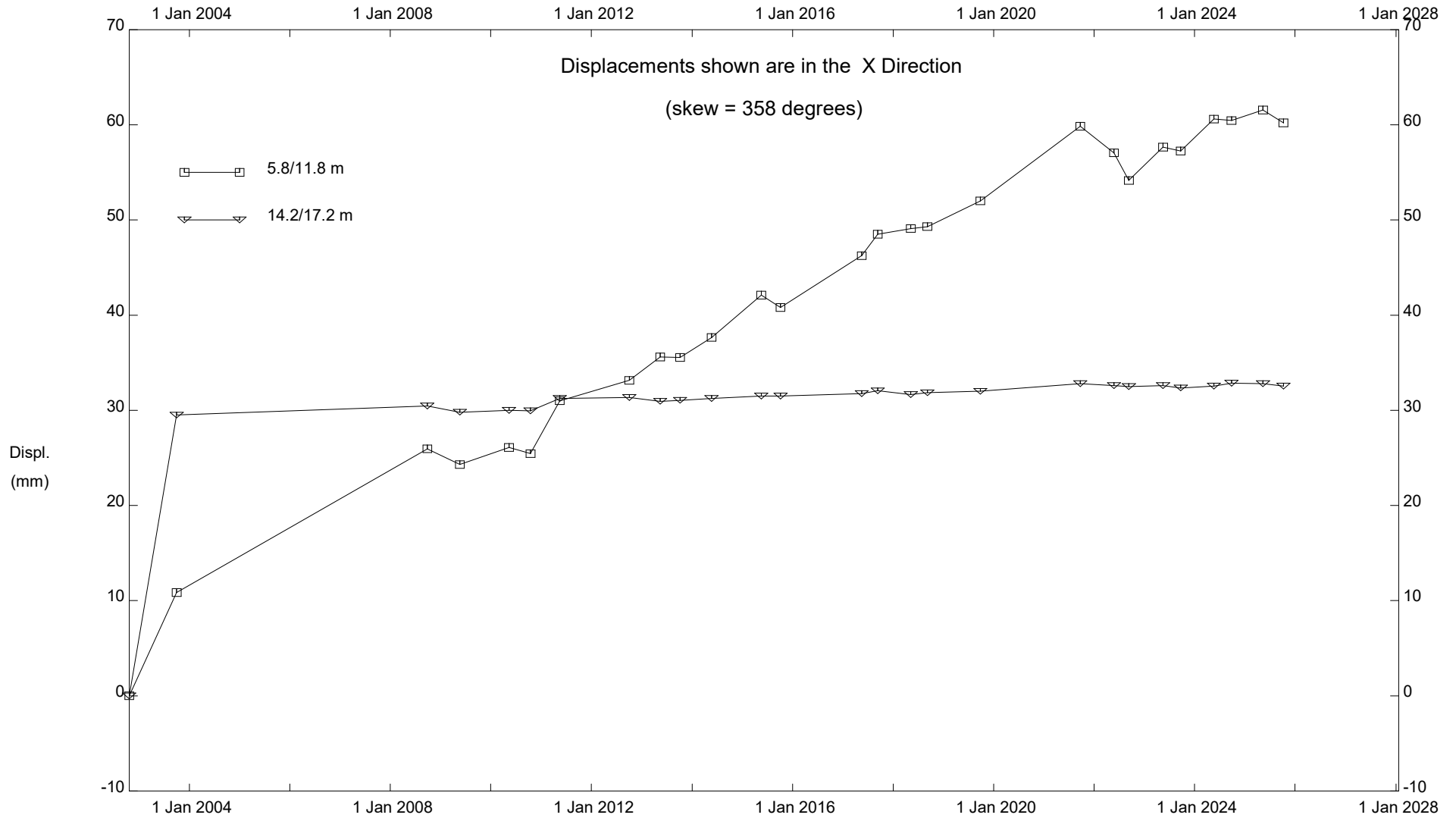
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Transportation & Economic Corridors



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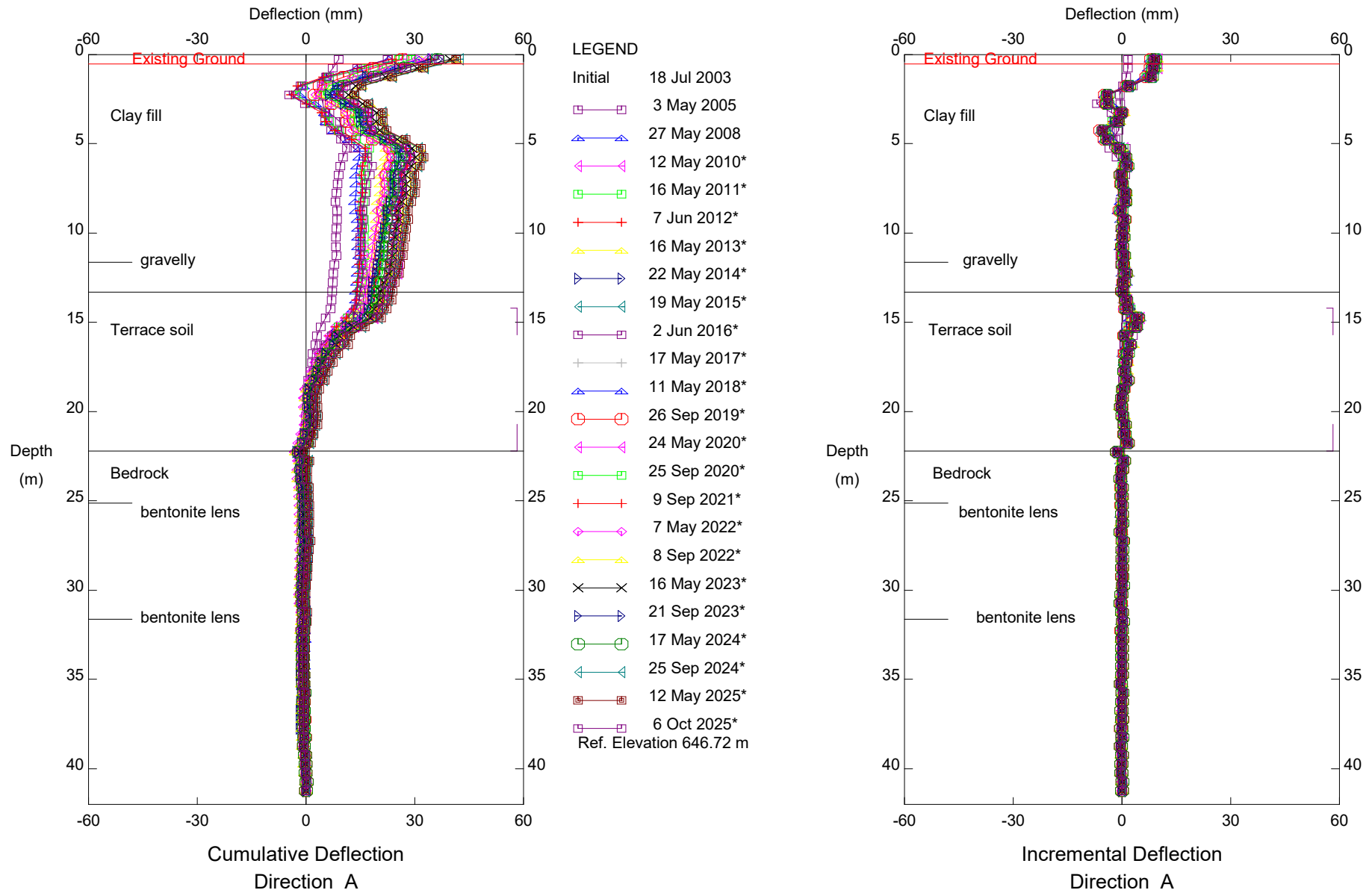
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Transportation & Economic Corridors

Stantec Consulting Ltd - Edmonton

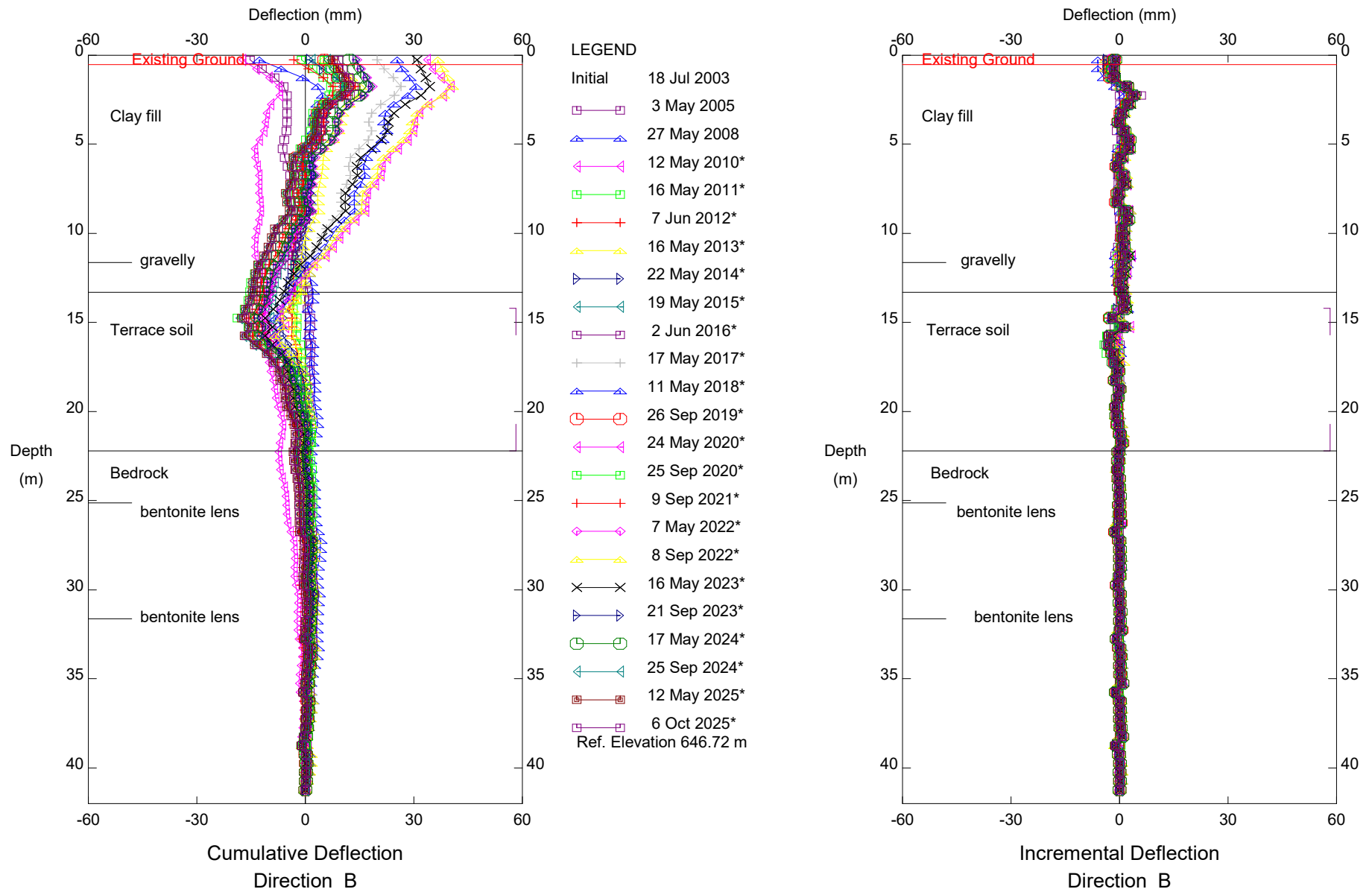


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Transportation & Economic Corridors

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Stantec Consulting Ltd - Edmonton



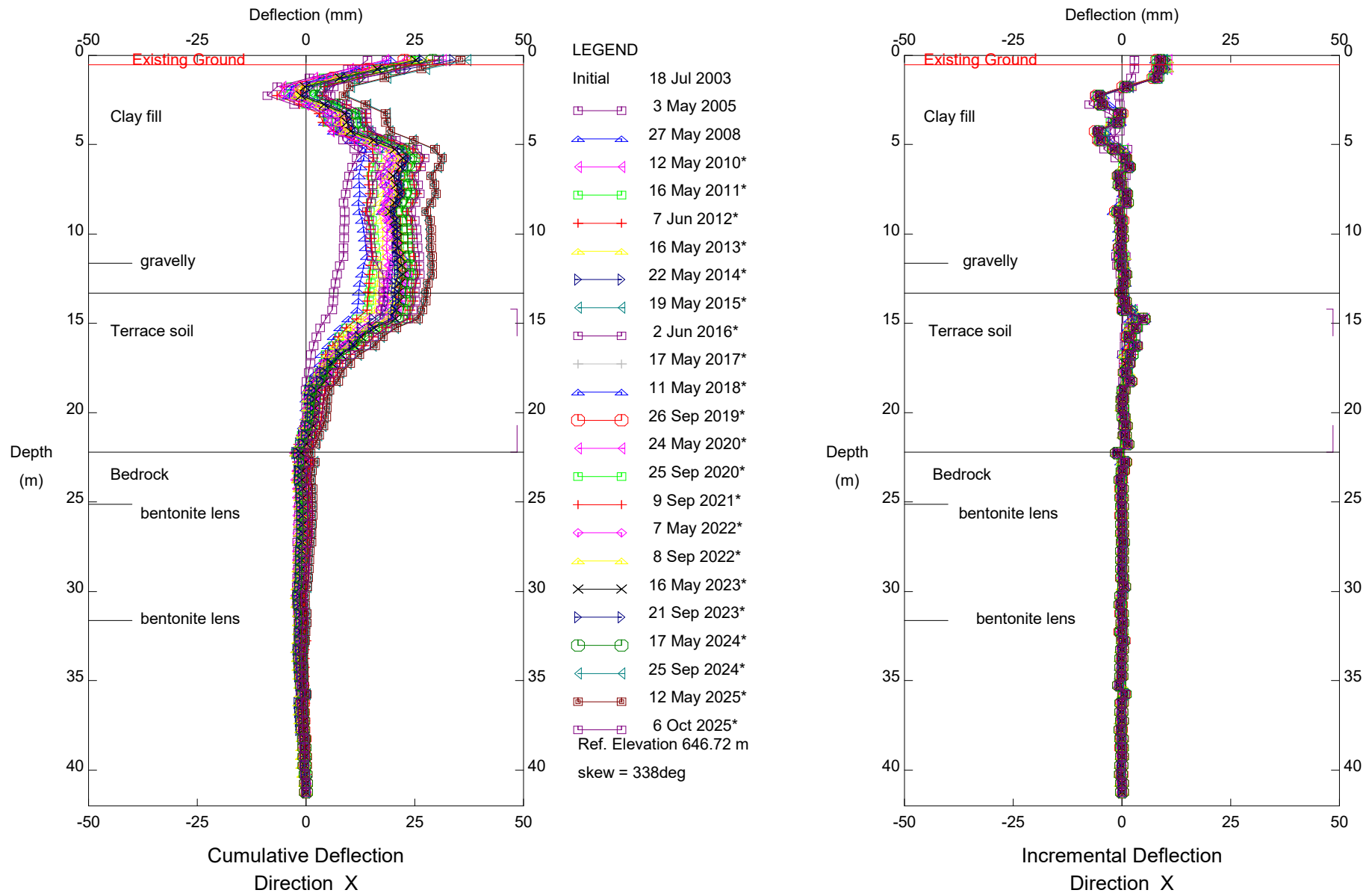
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Transportation & Economic Corridors

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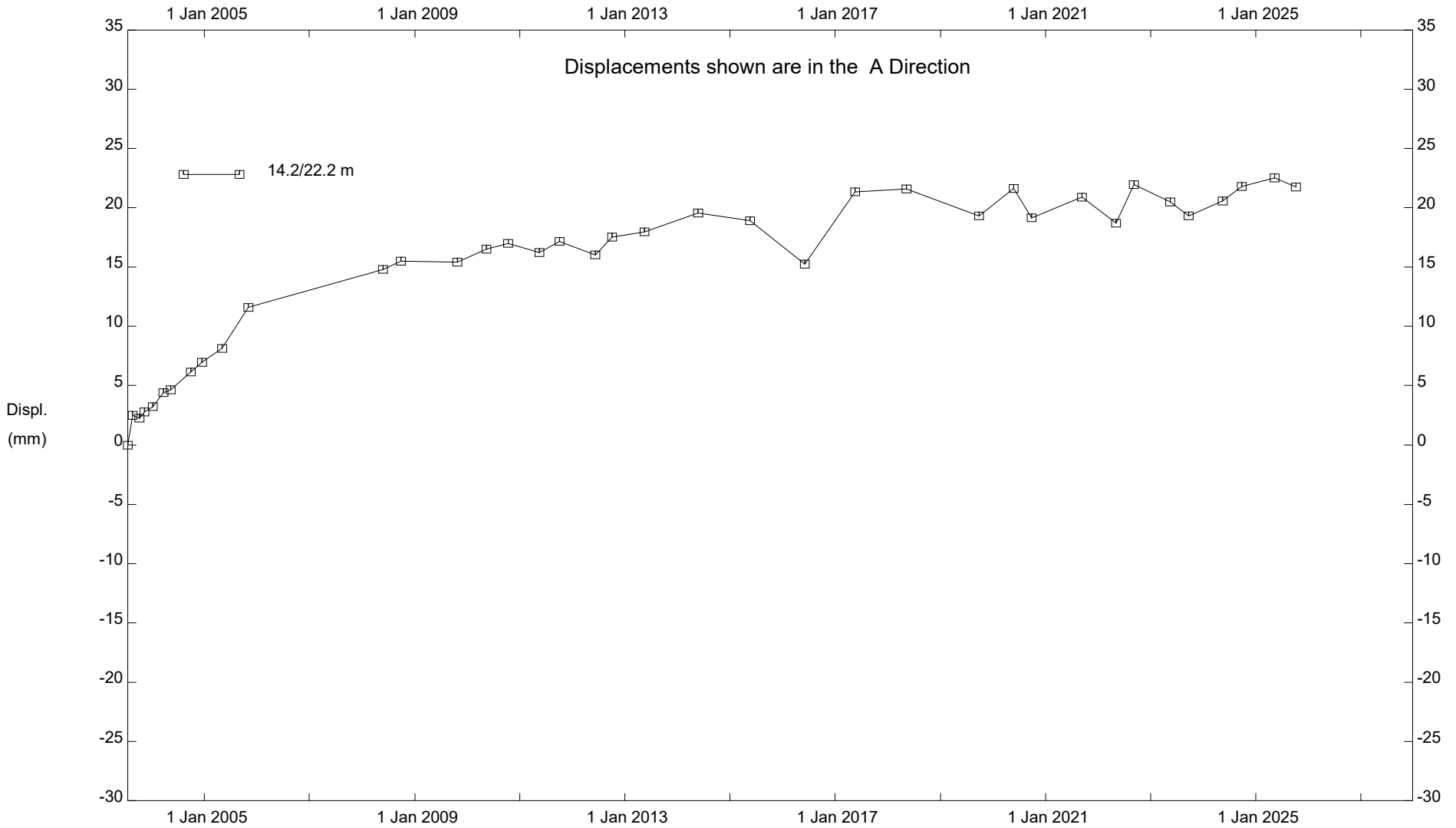
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Transportation & Economic Corridors

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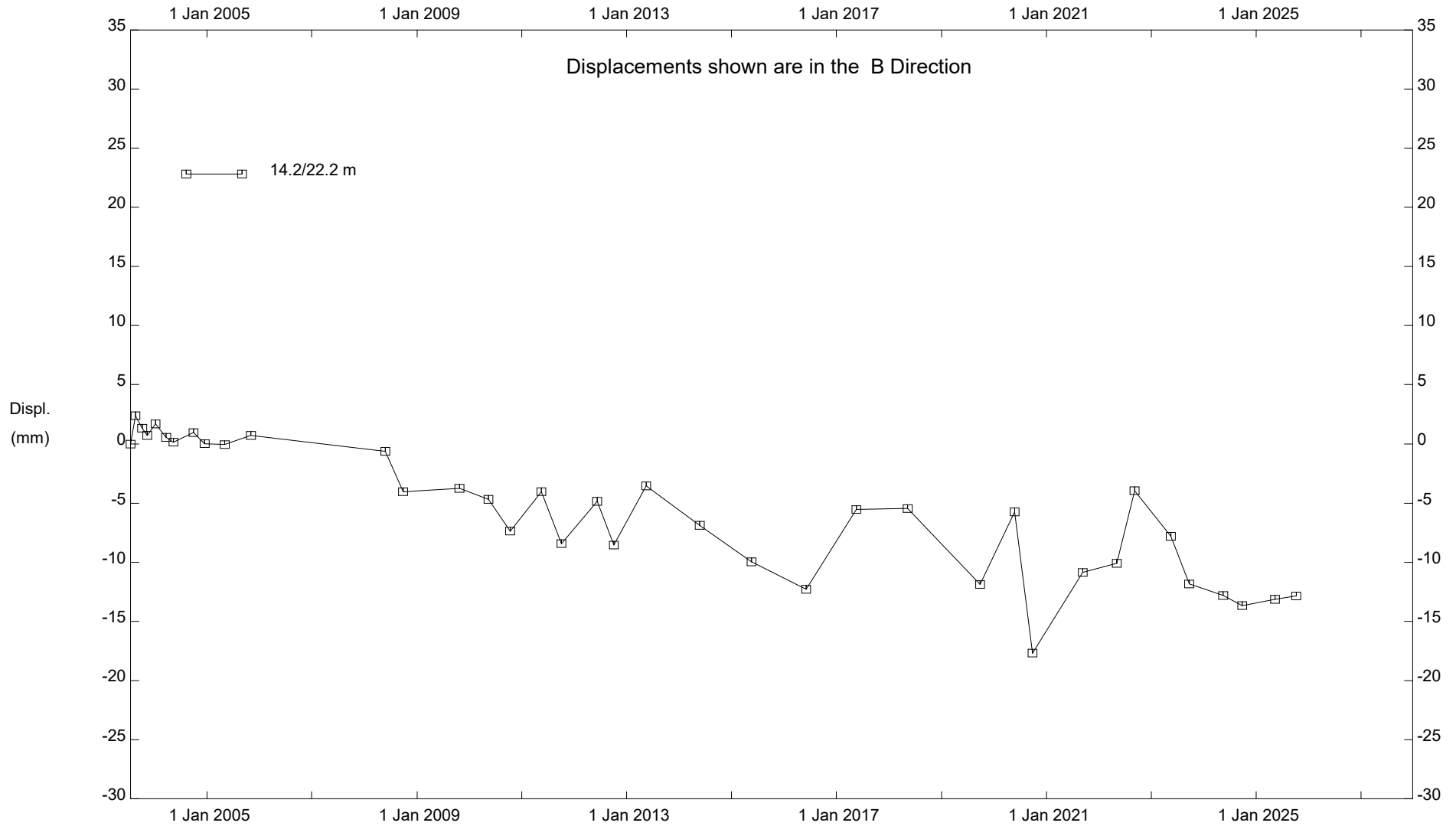
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Transportation & Economic Corridors

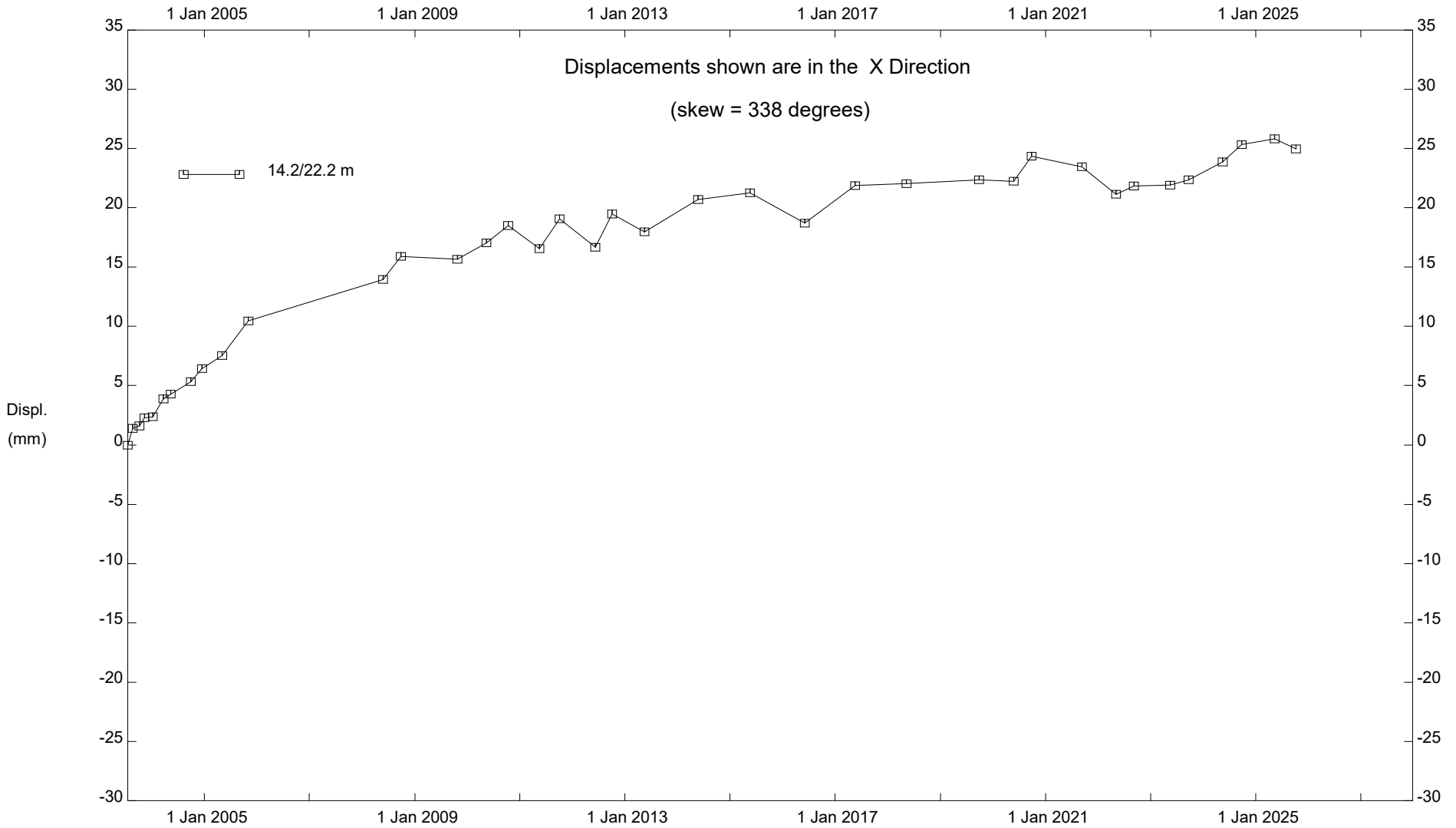
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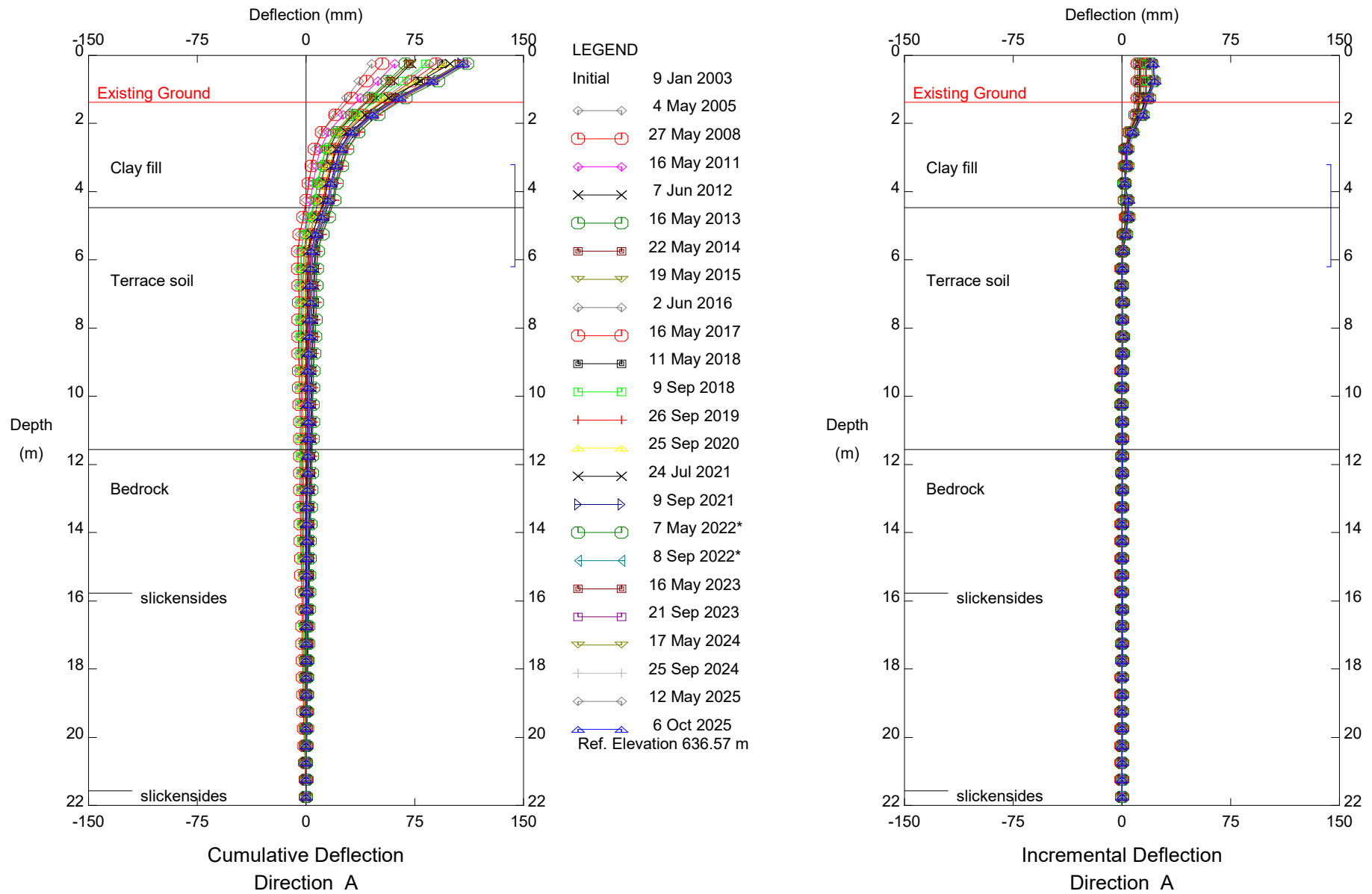
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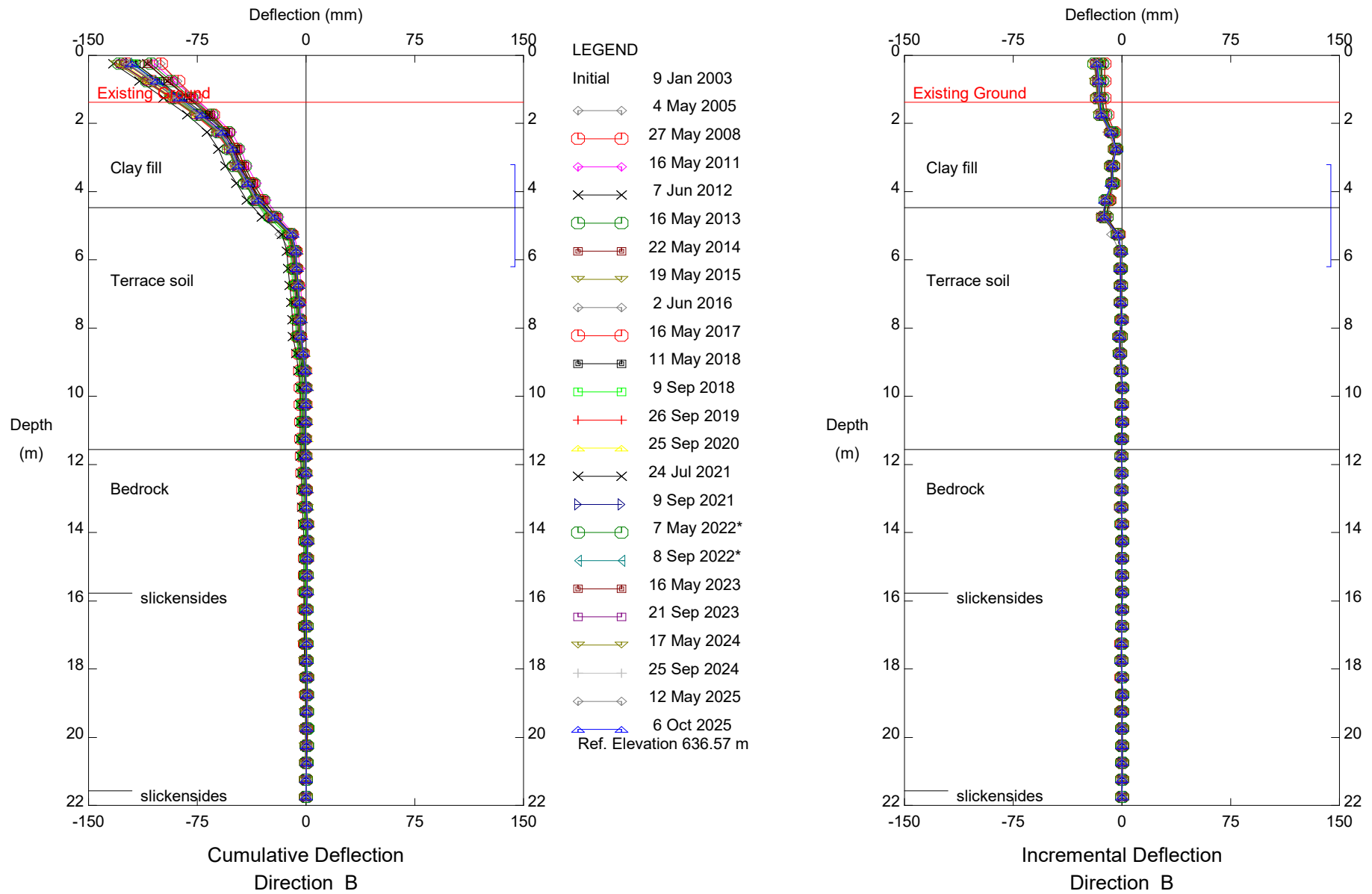
Transportation & Economic Corridors



NC67, Inclinometer SI-12

Transportation & Economic Corridors

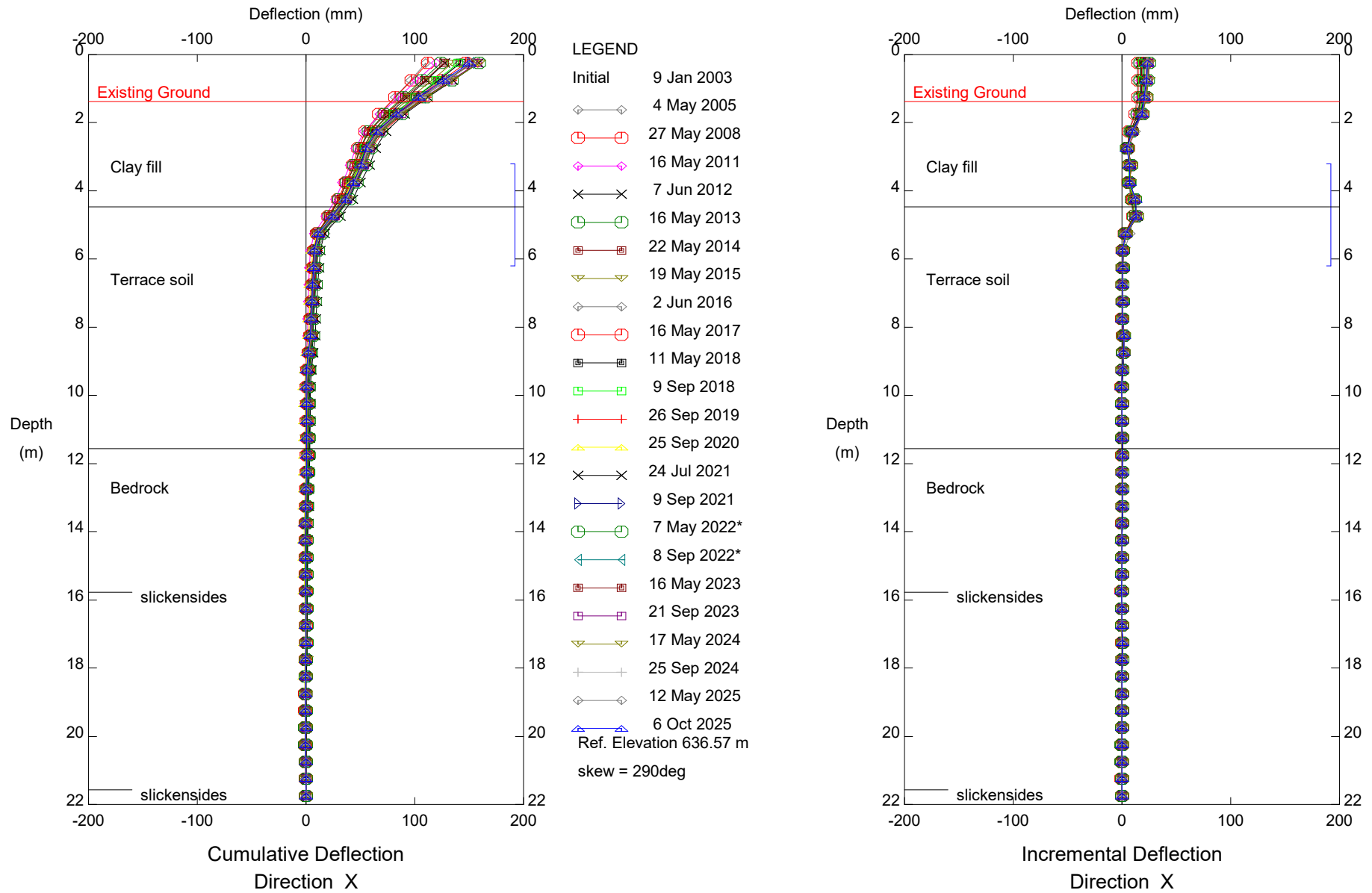
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Transportation & Economic Corridors

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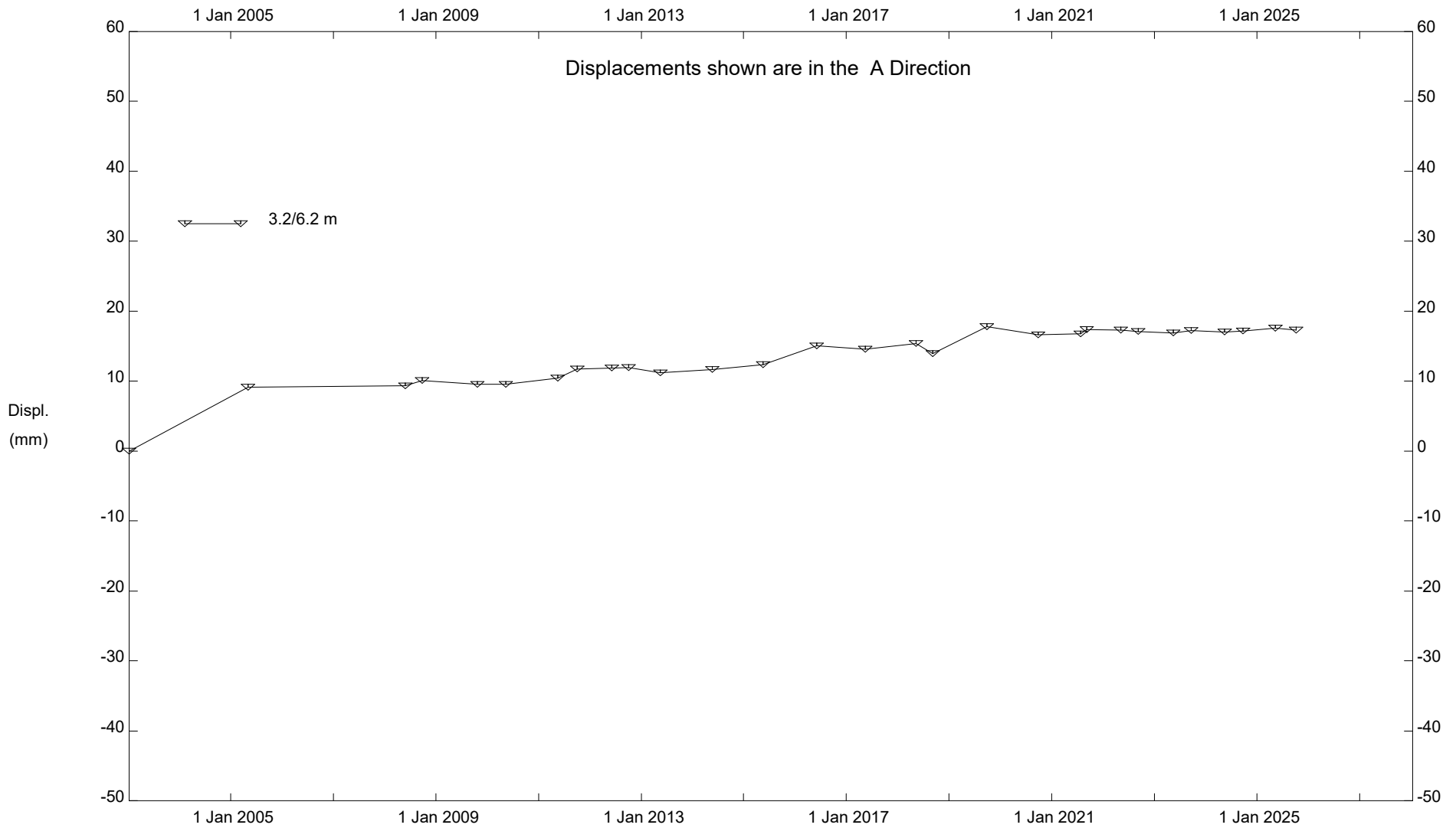


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Transportation & Economic Corridors

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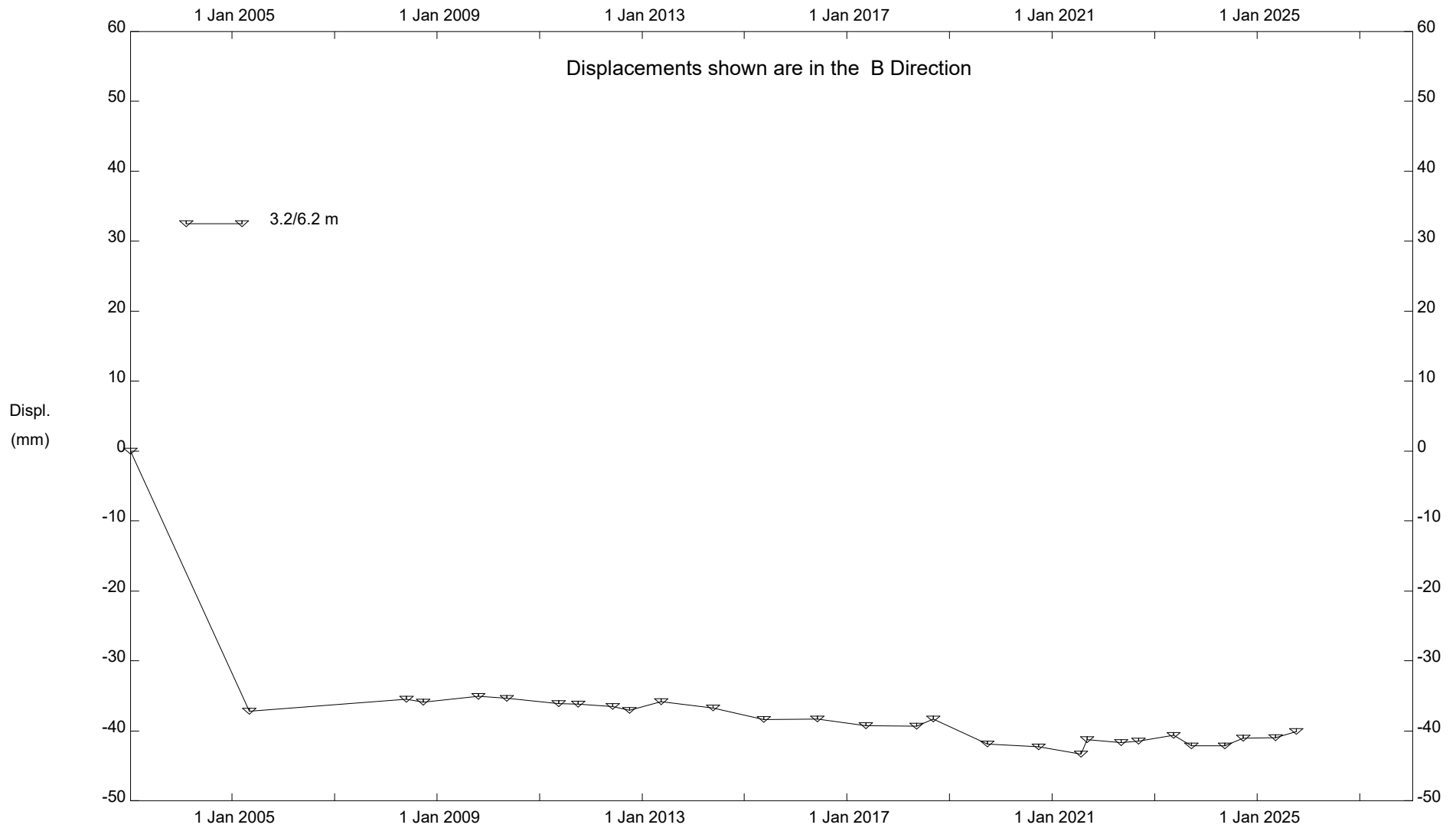
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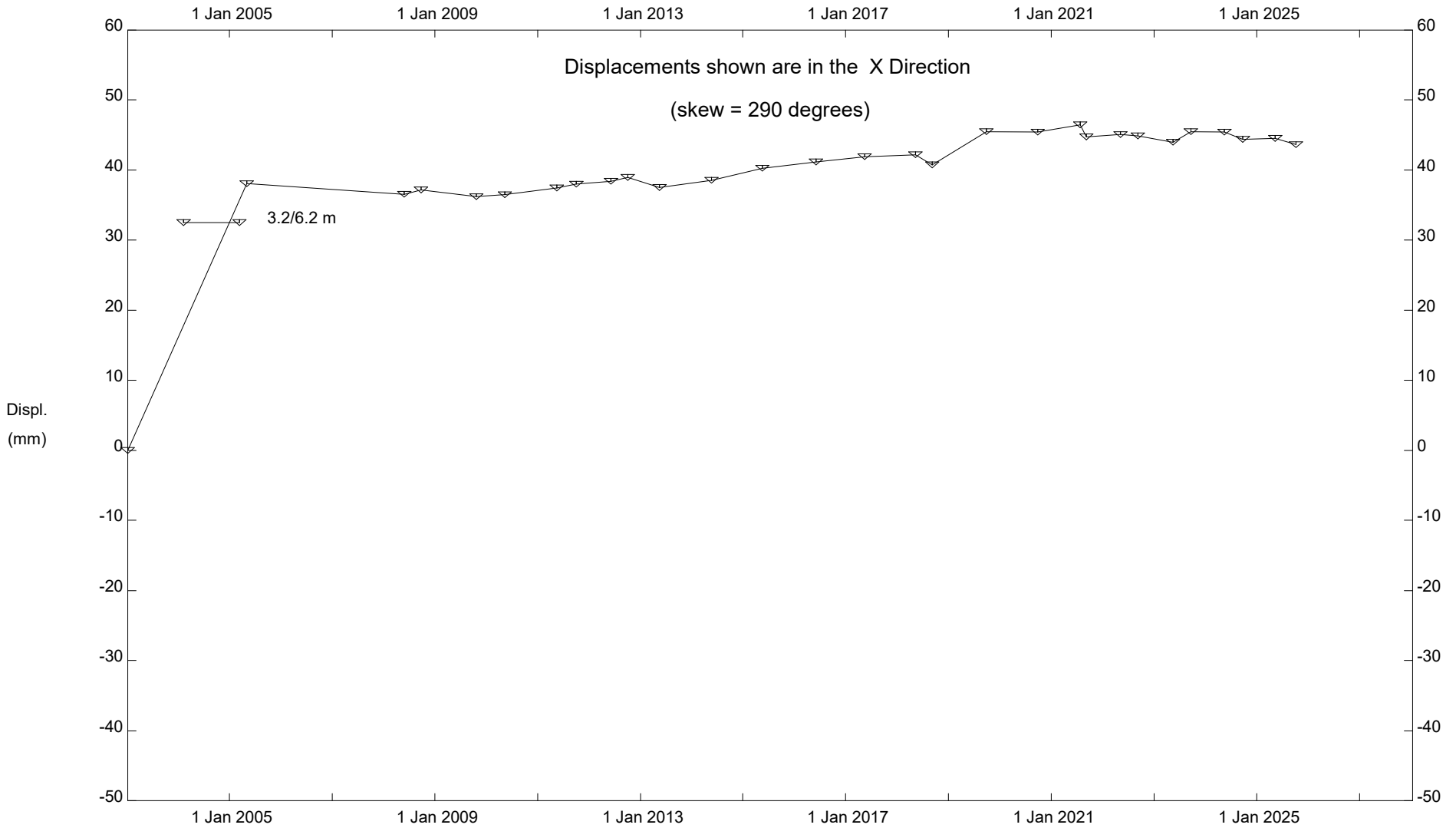
Transportation & Economic Corridors

Stantec Consulting Ltd - Edmonton



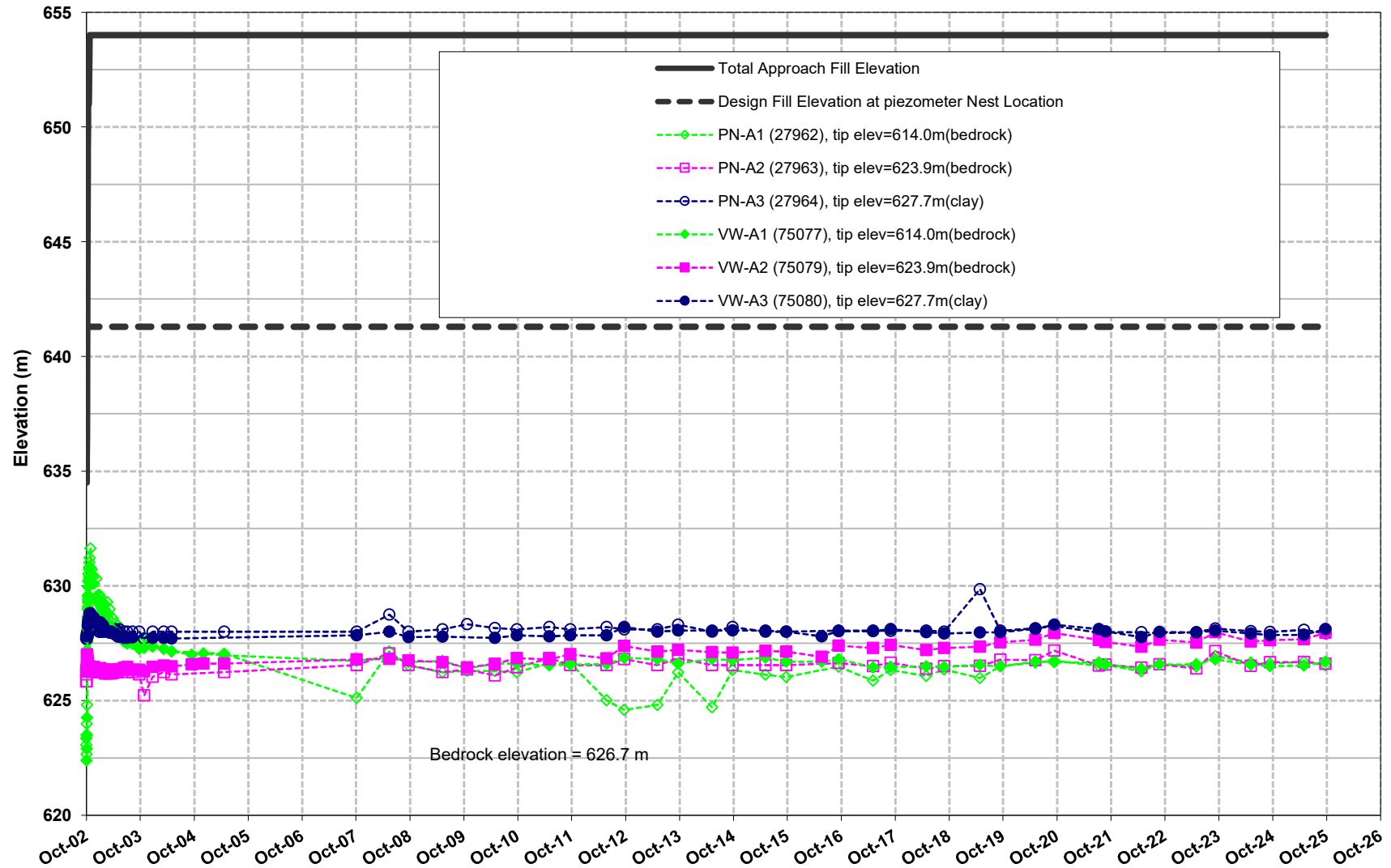
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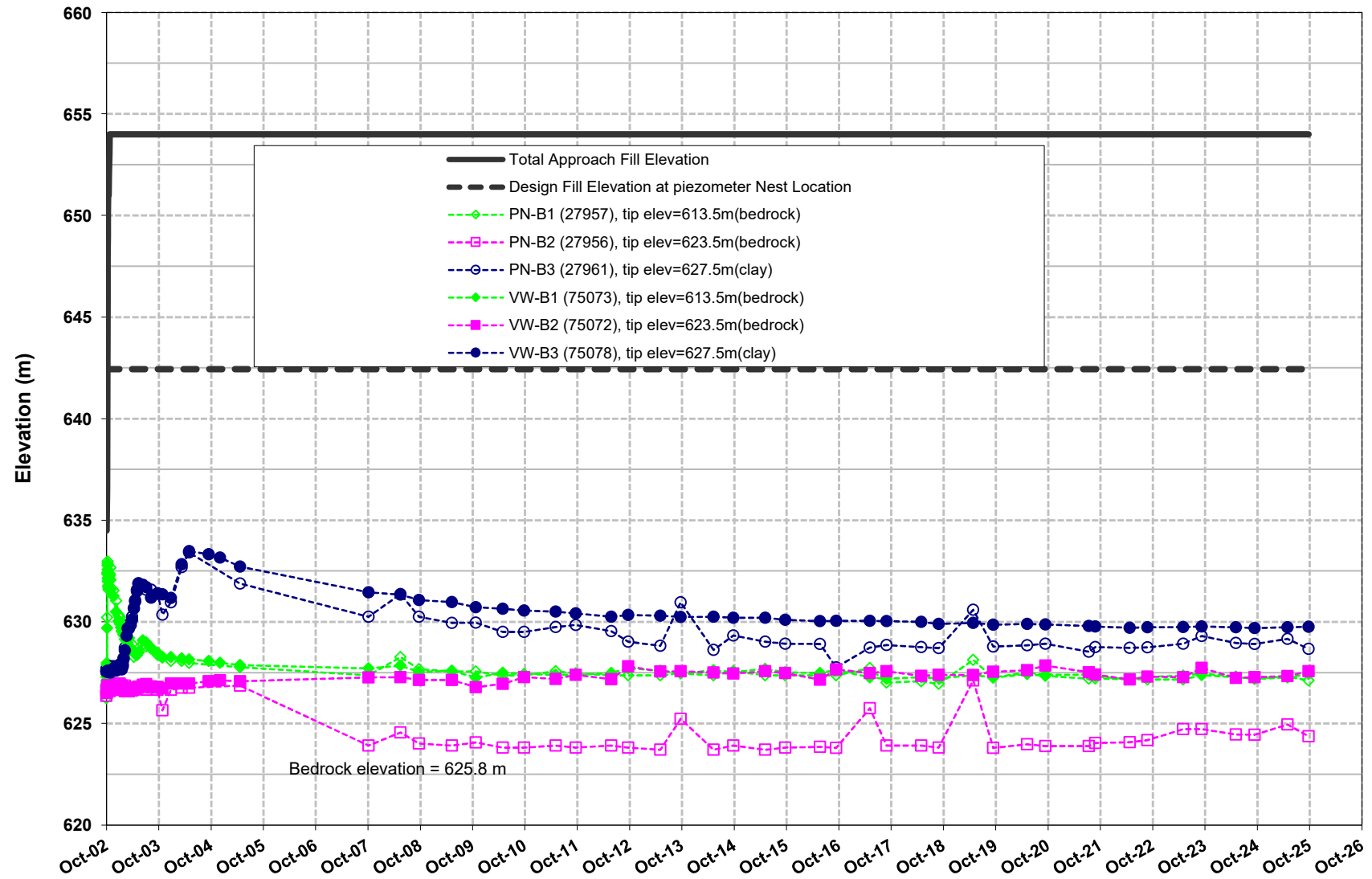
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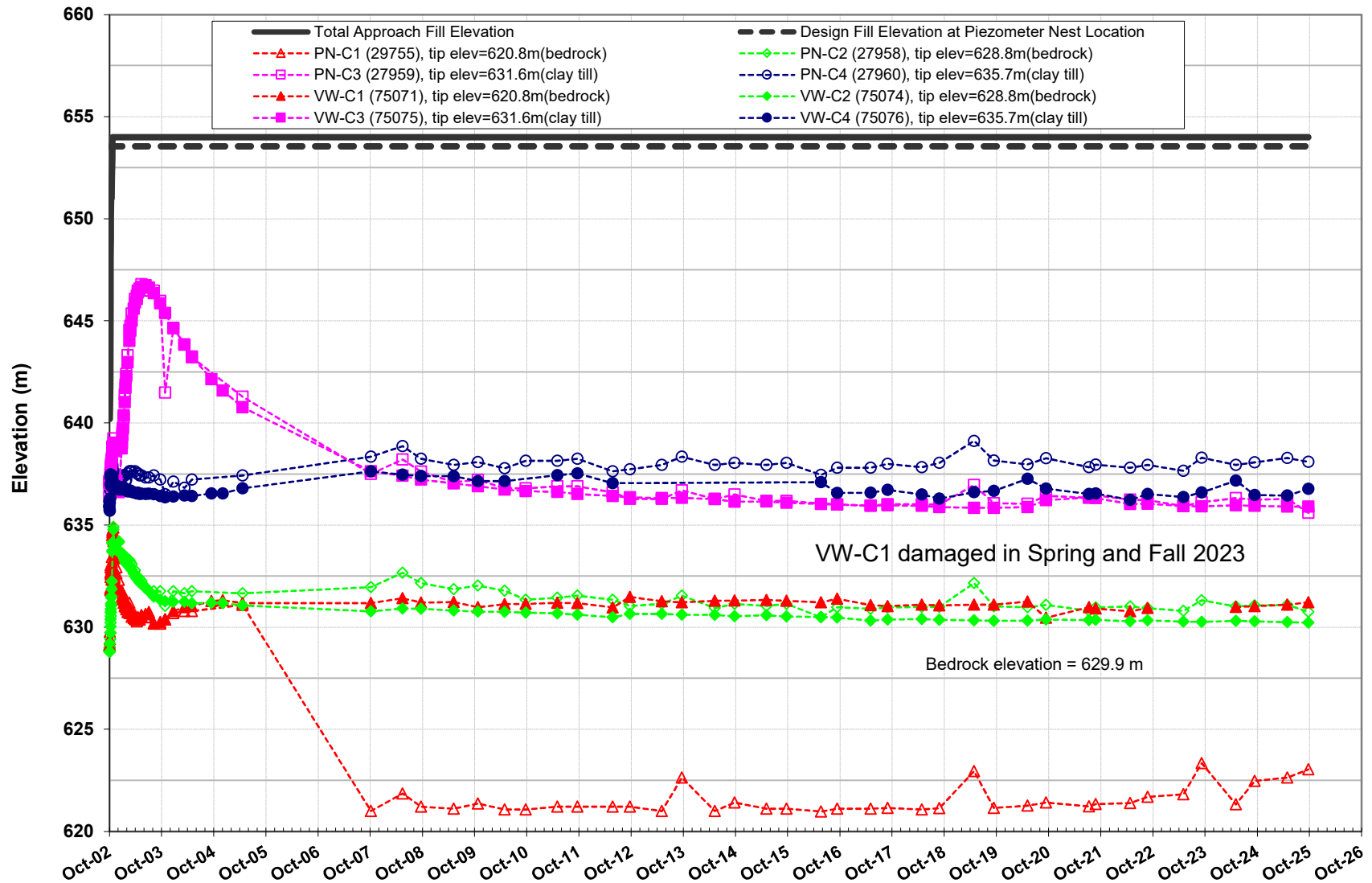


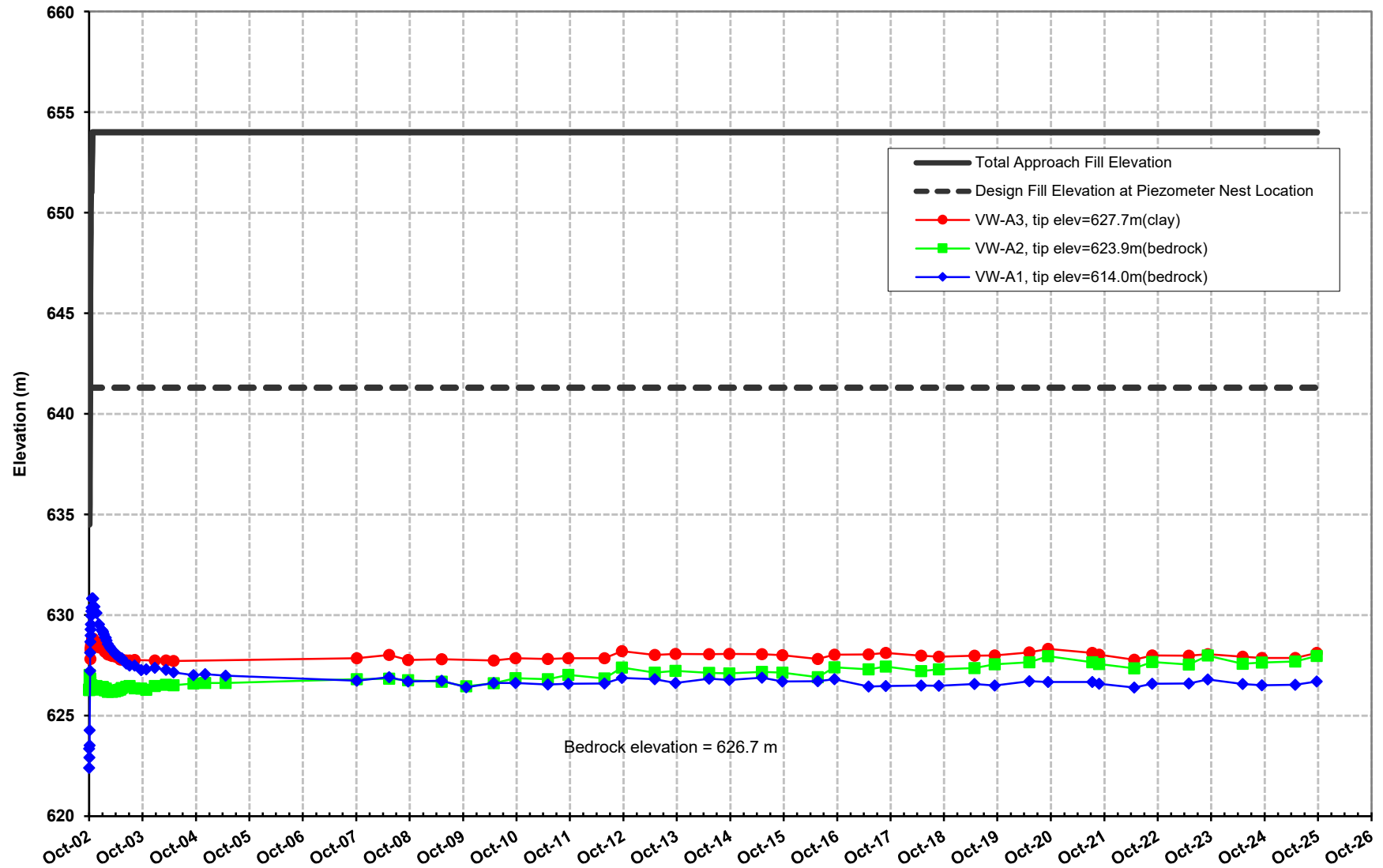
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Transportation & Economic Corridors

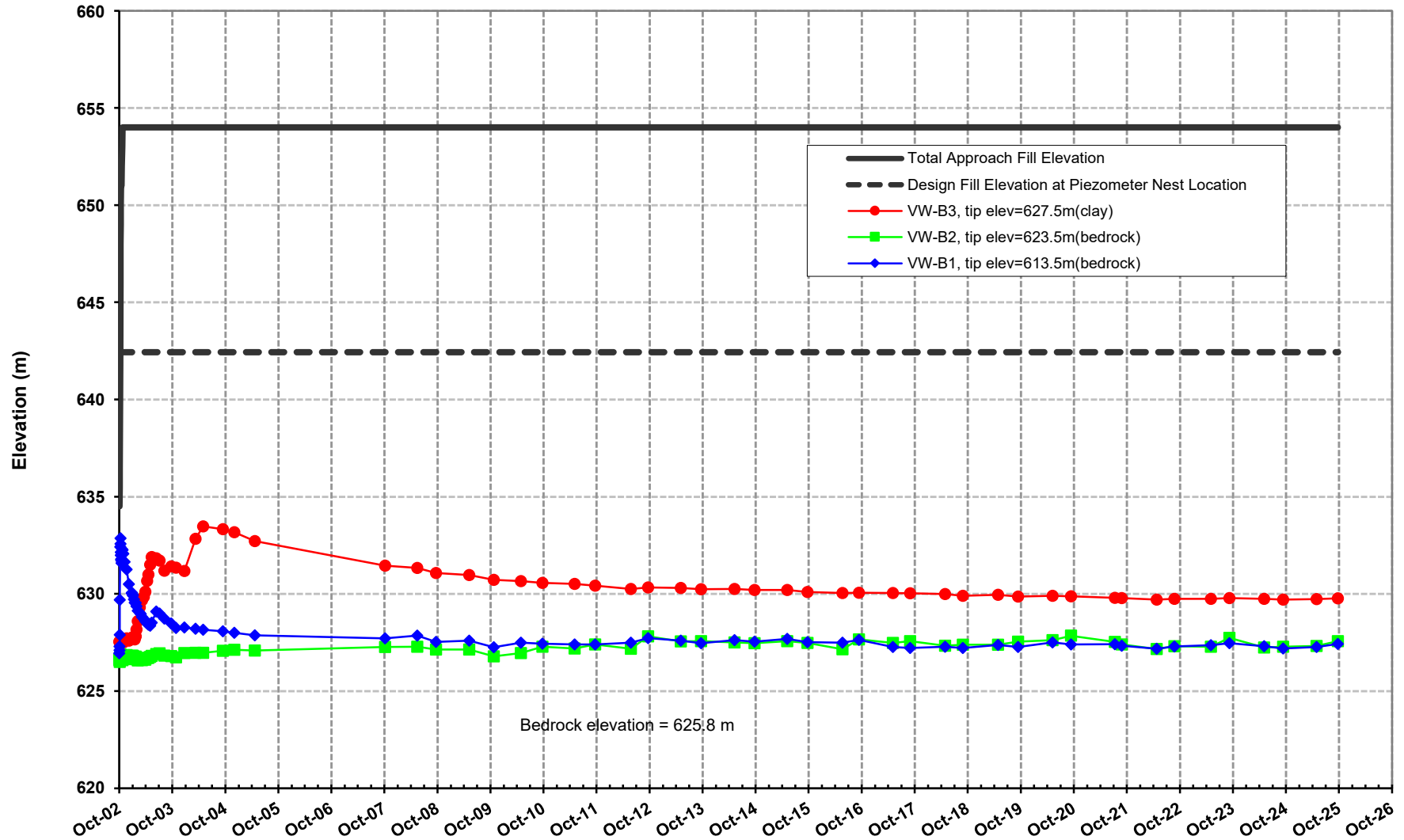
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West Abutment
Nest A**

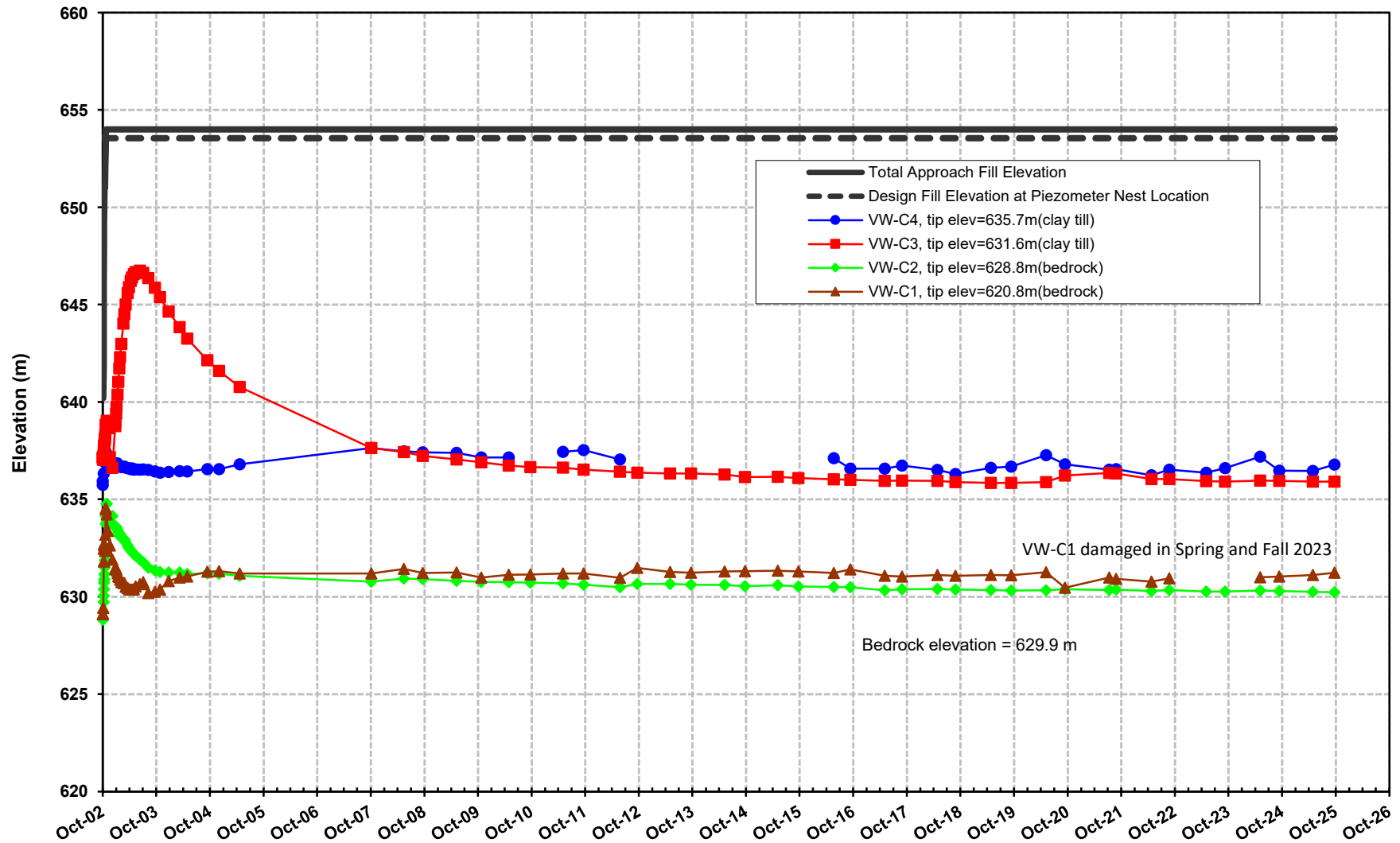
**Piezometer Plots
West Abutment
Nest B**

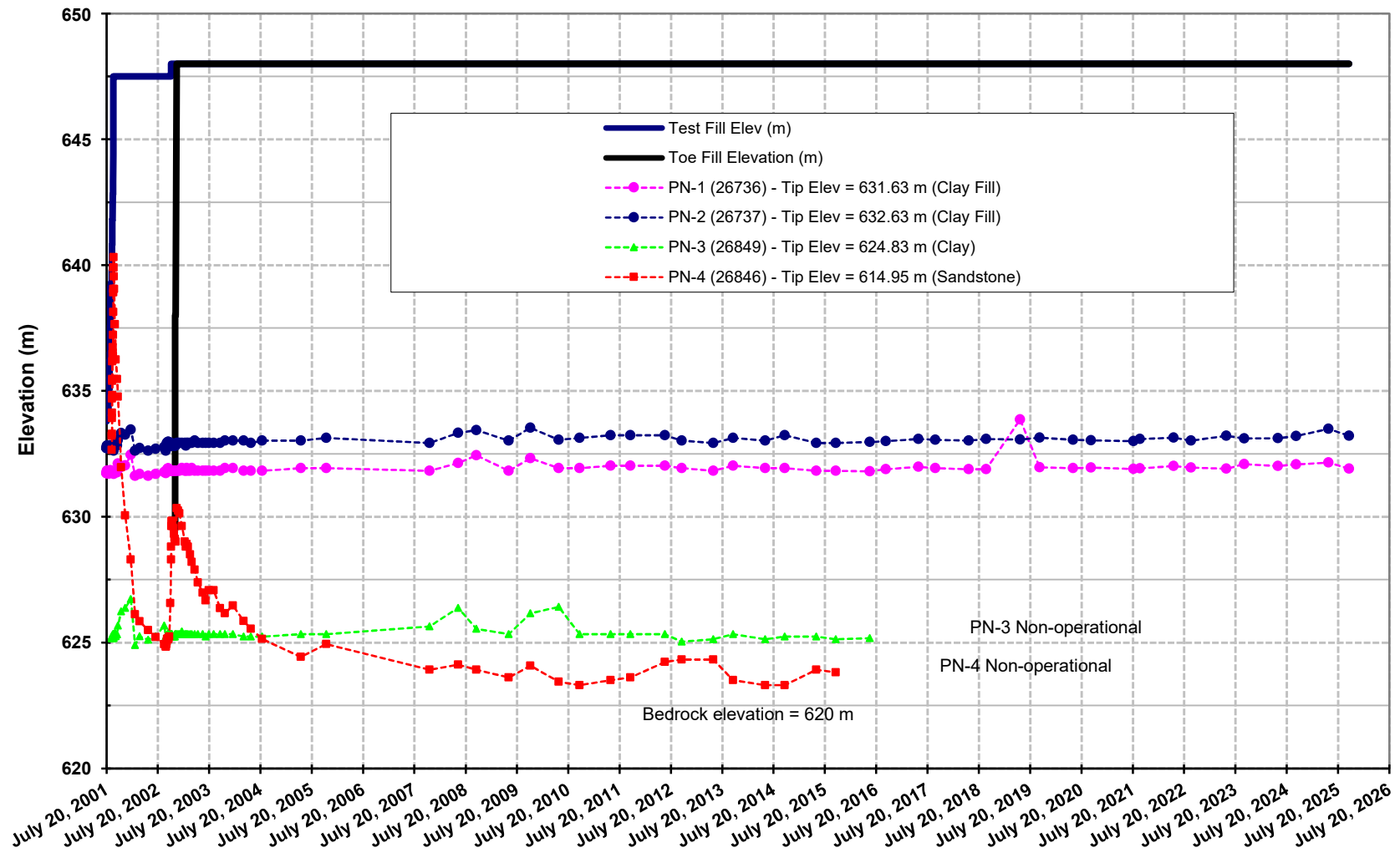
Piezometer Plots
West Abutment
Nest C

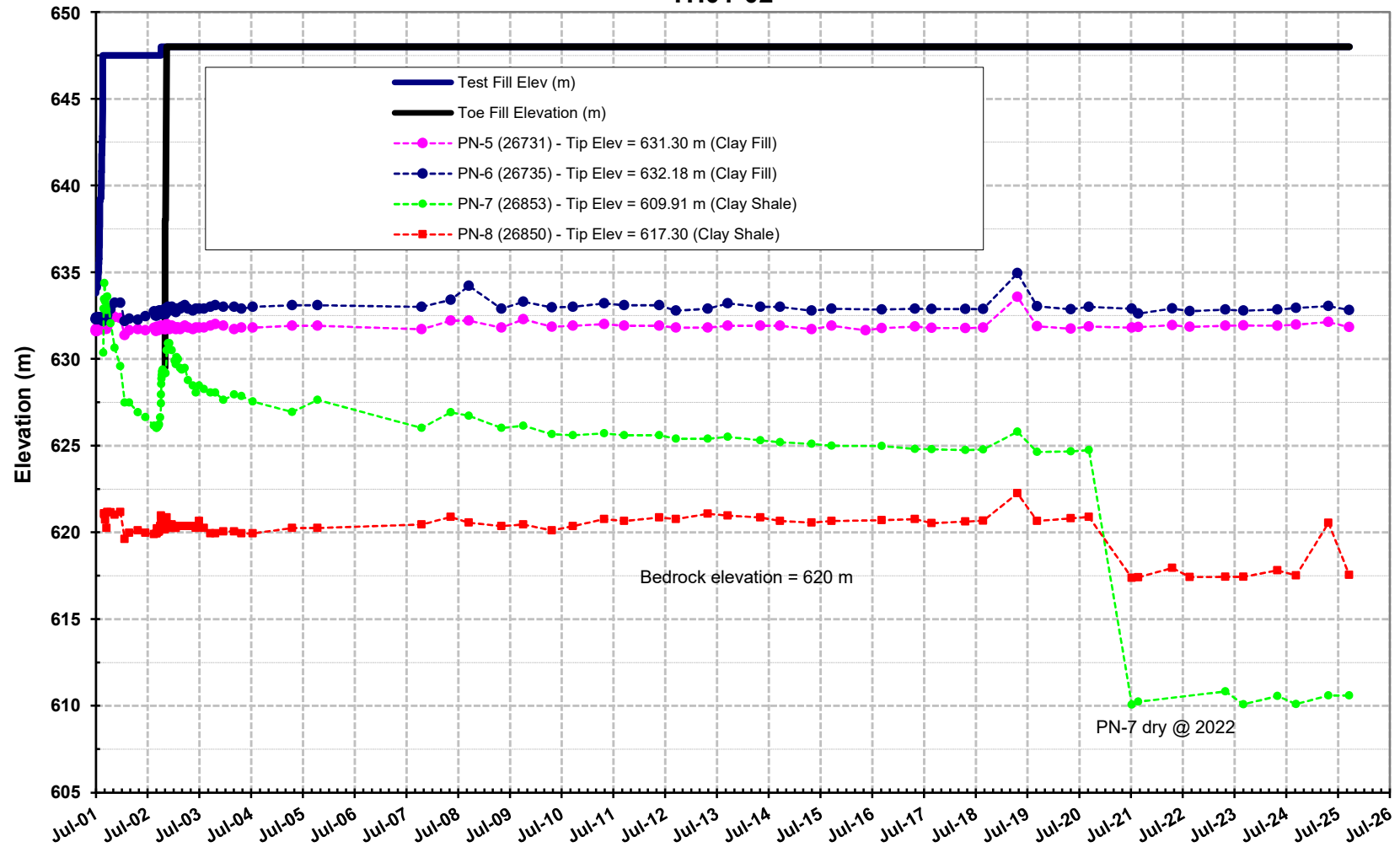
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Piezometer Nest Location A
Vibrating Wire Piezometers Only

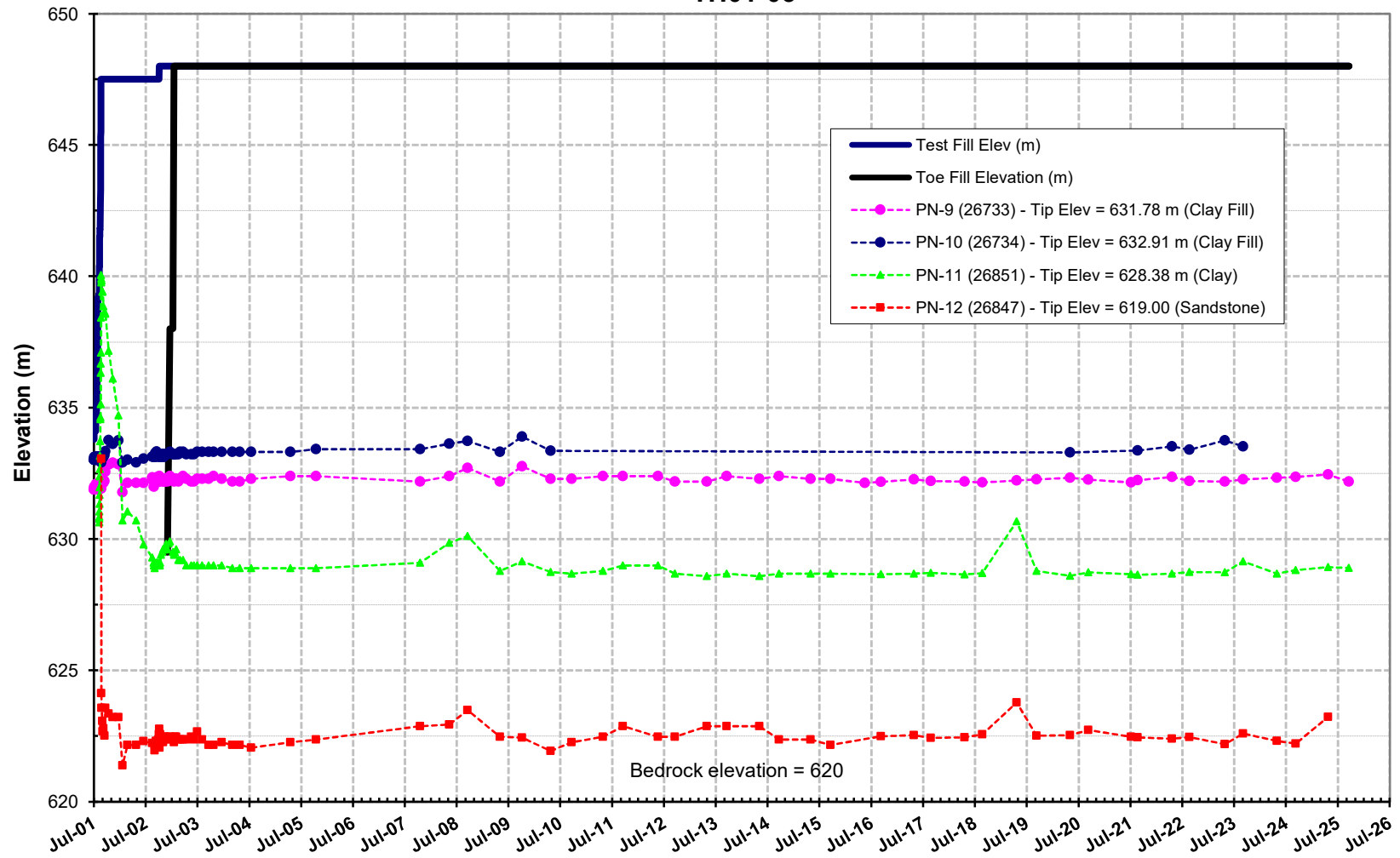
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Piezometer Nest Location B
Vibrating Wire Piezometers Only

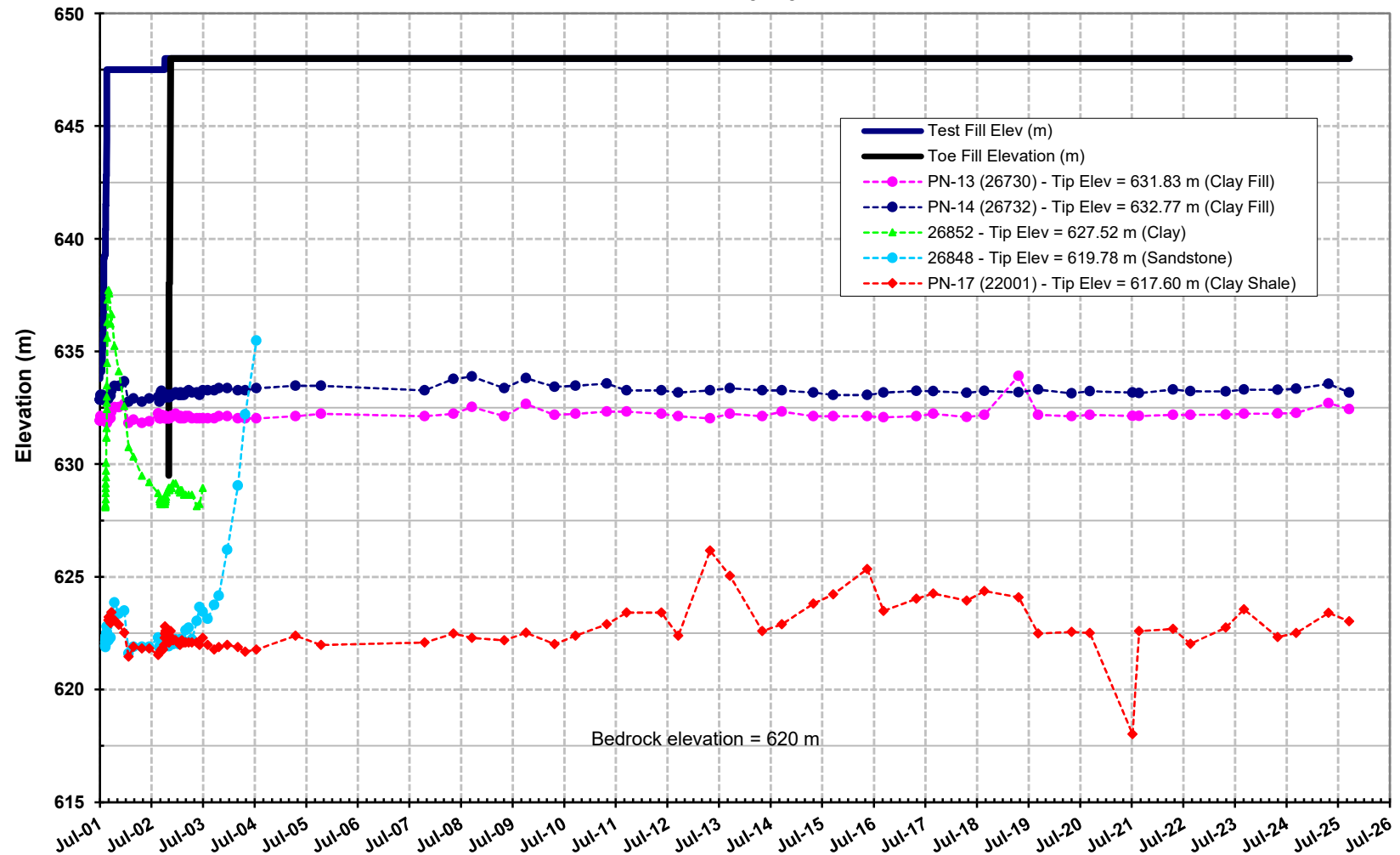


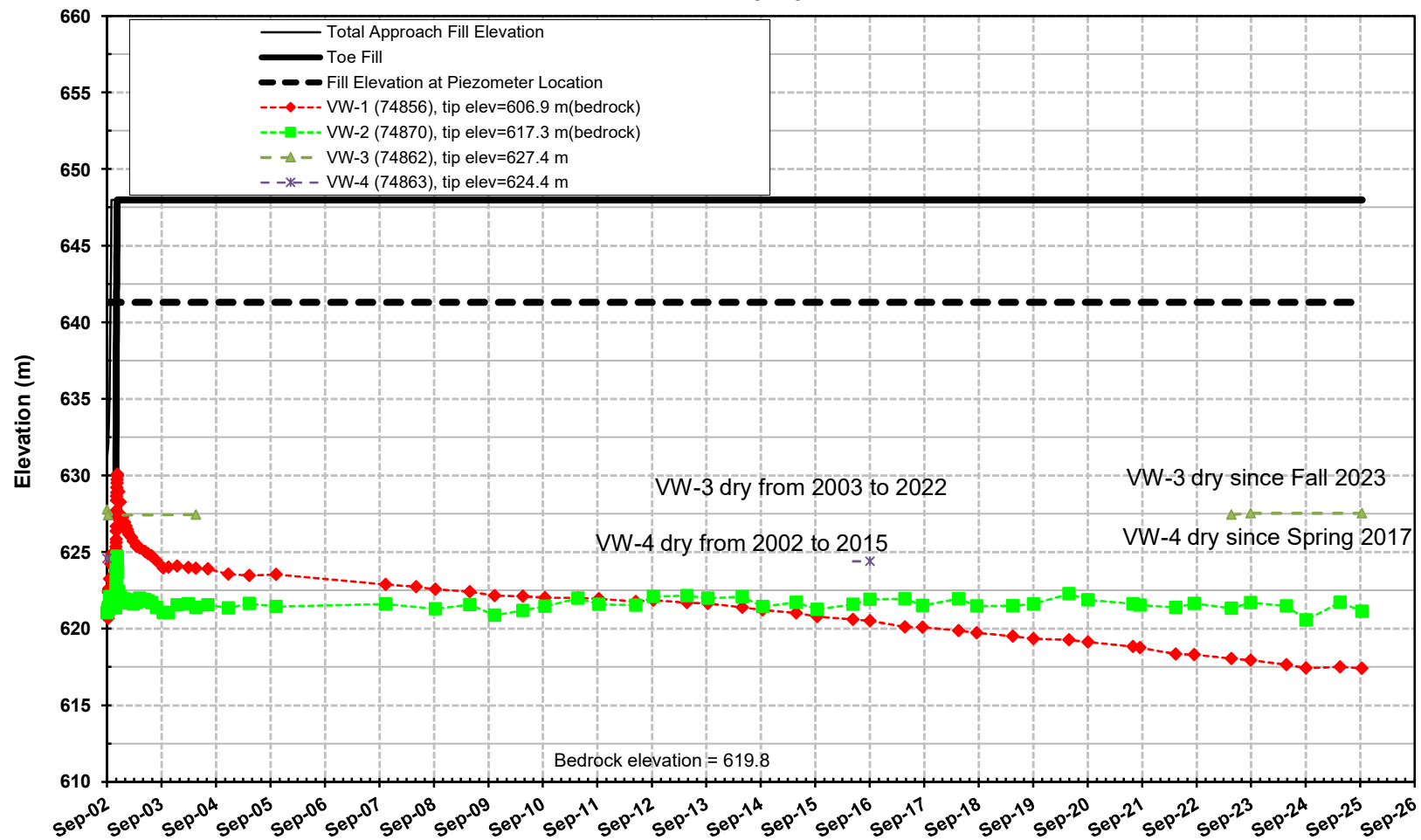
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Piezometer Nest Location C
Vibrating Wire Piezometers Only

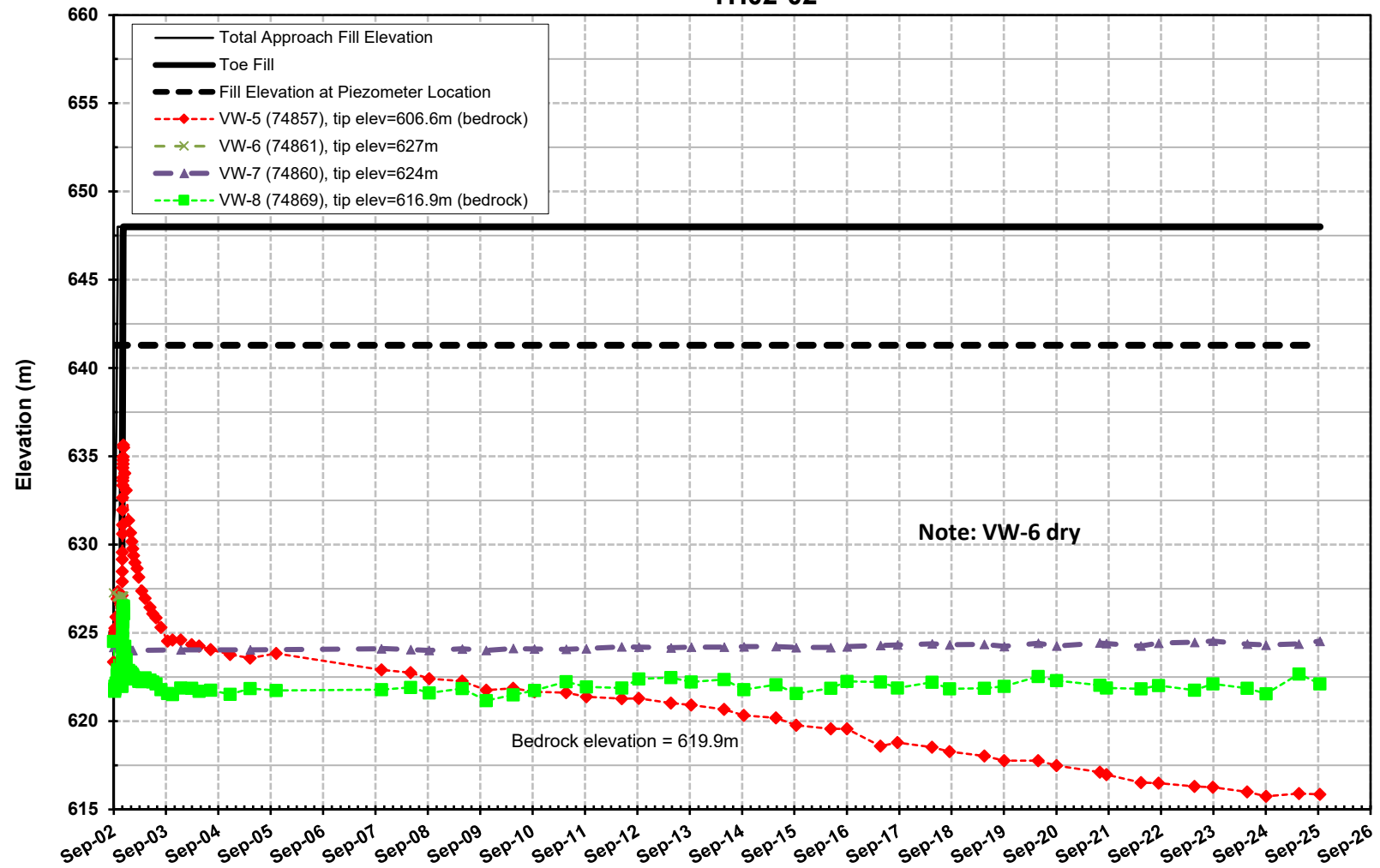
Pneumatic Piezometer Plots
East Abutment
TH01-01

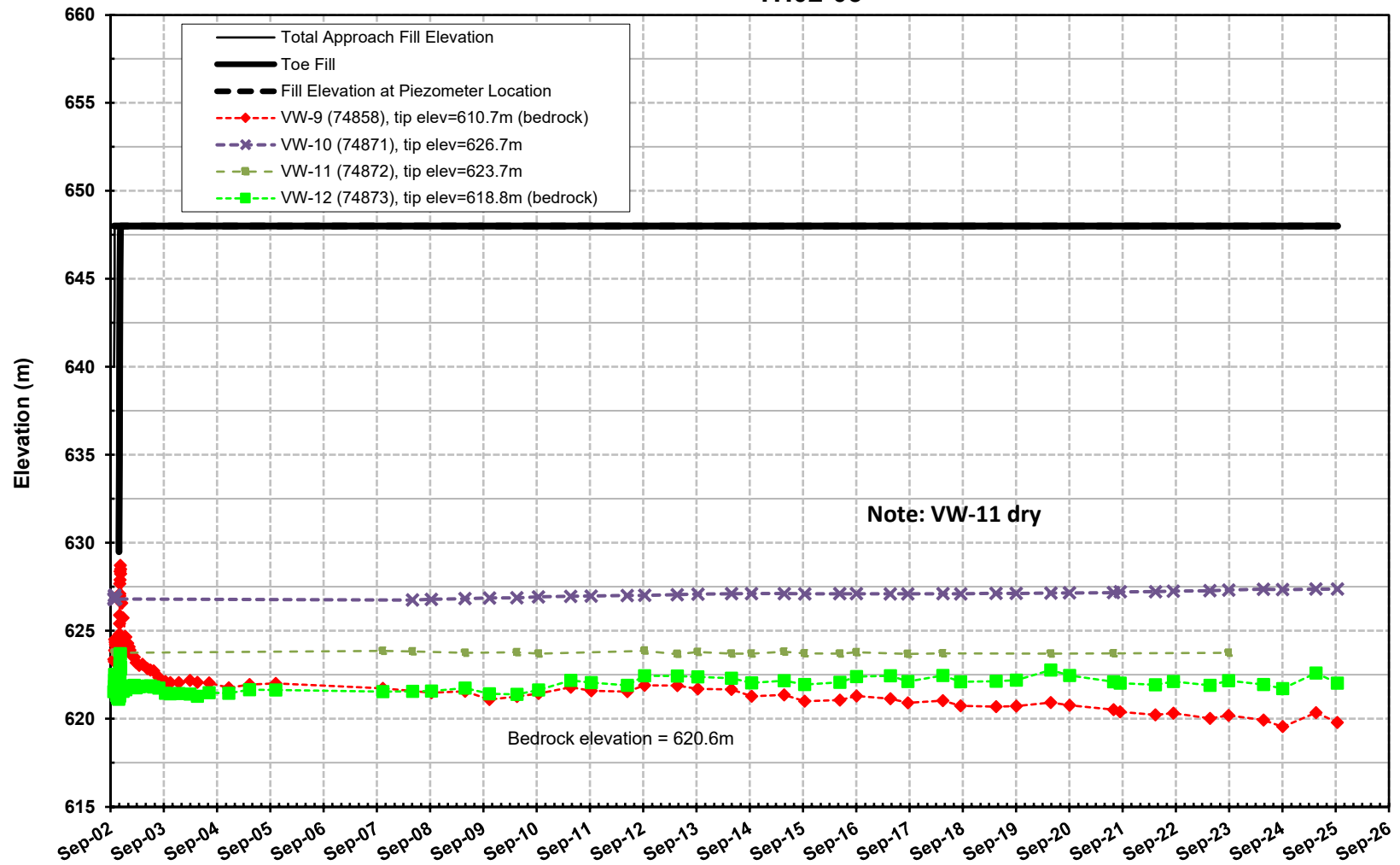
Pneumatic Piezometer Plots
East Abutment
TH01-02

Pneumatic Piezometer Plots
East Abutment
TH01-03

Pneumatic Piezometer Plots
East Abutment
TH01-04

Vibrating Wire Piezometers Plots
East Abutment
TH02-01

Vibrating Wire Piezometers Plots
East Abutment
TH02-02

Vibrating Wire Piezometers Plots
East Abutment
TH02-03

Vibrating Wire Piezometers Plots
East Abutment
TH02-04