



**ALBERTA TRANSPORTATION  
NORTH CENTRAL REGION – ATHABASCA AREA  
INSTRUMENTATION MONITORING RESULTS**

**FALL 2013**

**SECTION D  
DATA PRESENTATION**

**SITE NC14: HWY 661:02 FORT ASSINIBOINE**

ALBERTA TRANSPORTATION  
 NORTH CENTRAL REGION - ATHABASCA AREA  
 INSTRUMENTATION MONITORING FIELD SUMMARY (NC14)  
 FALL 2013

<b>Location:</b> HWY 661:02, Fort Assiniboine <b>File Number:</b> 15-16-286 <b>Probe:</b> RST #8 <b>Cable:</b> RST #8	<b>Readout:</b> RST #8 <b>Extension:</b> 2.75" <b>Temp:</b> 5°C <b>Read by:</b> TDC
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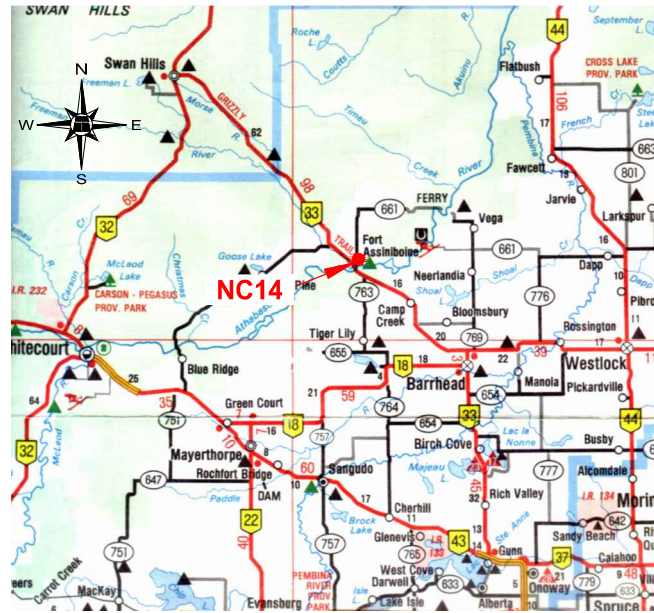
**SLOPE INCLINOMETER (SI) READINGS**

SI#	GPS Location (NAD83)		Date	Stickup (ft)	Depth from top of casing (ft)	Azimuth of A+ Groove	Current Bottom Depth Readings				Remarks
	Latitude (N)	Longitude (W)					A+	A-	B+	B-	
06-6	54.3388890	114.7741670	11-Sep-13	3	83 to 5	170°	559	-549	421	-400	
06-11	54.3390330	114.7719000	11-Sep-13	3	81 to 3	181°	374	-364	-662	680	

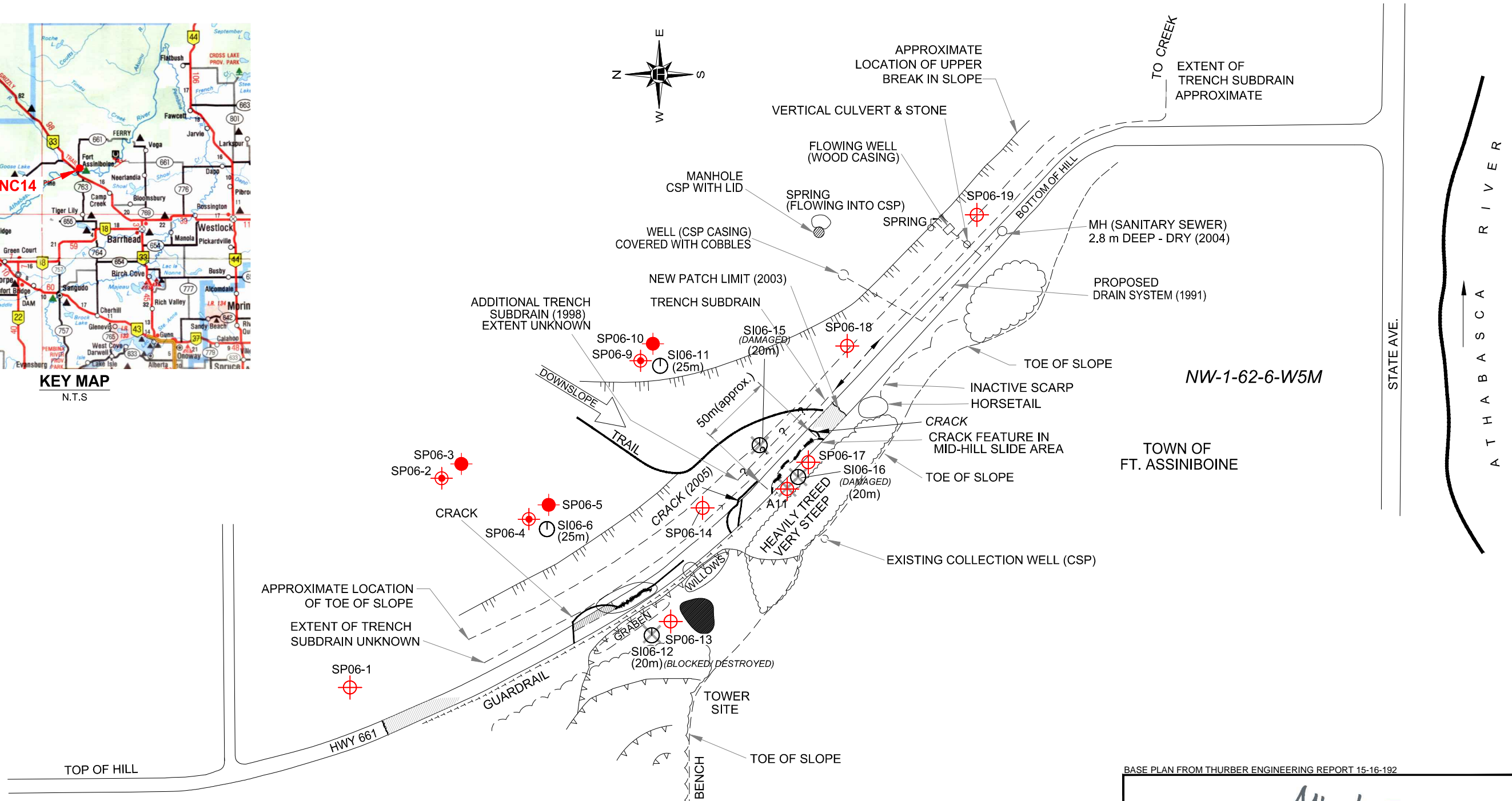
**STANDPIPE PIEZOMETER (SP) READINGS**

SP#	GPS Location (NAD83)		Date	Stick-up (m)	Reading below top of casing (m)	Bottom Pipe Depth (below top of casing (m))
	Latitude (N)	Longitude (W)				
06-1	54.340556	114.775833	11-Sep-13	1.05	3.87	9.13
06-2	54.339500	114.773383	11-Sep-13	0.95	6.95	9.12
06-3	54.339500	114.773367	11-Sep-13	0.78	6.71	25.00
06-4	54.338889	114.774167	11-Sep-13	0.78	9.69	15.21
06-5	54.338889	114.774167	11-Sep-13	0.93	15.22	25.00
06-9	55.339033	114.771900	11-Sep-13	0.72	7.45	15.24
06-10	54.339033	114.771900	11-Sep-13	0.80	8.51	25.00
06-13	54.338611	114.774444	11-Sep-13	0.90	7.94	9.95
06-14	54.338333	114.773611	11-Sep-13	0.97	8.18	9.16
06-17	54.337778	114.773056	11-Sep-13	0.65	6.98	8.83
06-18	54.336111	114.770000	11-Sep-13	1.20	8.82	9.43
06-19	54.336111	114.770000	11-Sep-13	0.99	DRY	7.95

**INSPECTOR REPORT ON 11-SEPT-13**

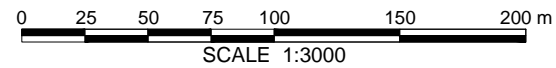
**KEY MAP**  
N.T.S.



**LEGEND**

- SI (m) SLOPE INCLINOMETER AND DEPTH
- SP STANDPIPE PIEZOMETER (25m DEPTH)
- SP STANDPIPE PIEZOMETER (15m DEPTH)
- SP STANDPIPE PIEZOMETER (10m DEPTH)
- SI SLOPE INCLINOMETER NON OPERATIONAL
- SP STANDPIPE PIEZOMETER NON OPERATIONAL

MR. CARTWRIGHT PROPERTY



BASE PLAN FROM THURBER ENGINEERING REPORT 15-16-192



**NORTH CENTRAL REGION - ATHABASCA AREA**

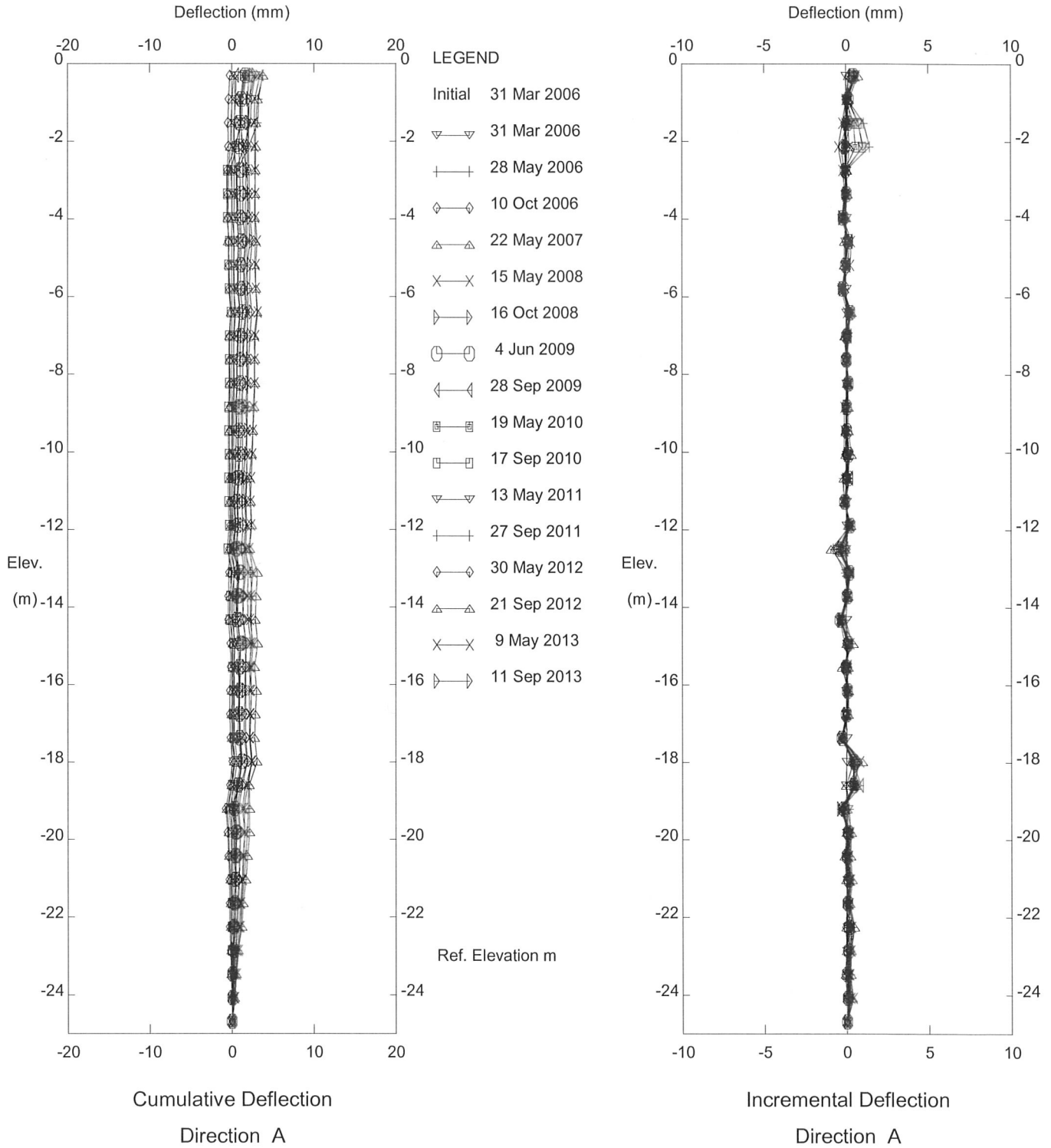
**NC14 - FORT ASSINIBOINE  
INSTRUMENT LOCATIONS**

**DWG No. 15-16-286-NC14**

DRAWN BY	KLW
DESIGNED BY	NFR
APPROVED BY	DWP
SCALE	1:3000
DATE	OCTOBER 2013
FILE No.	15-16-286



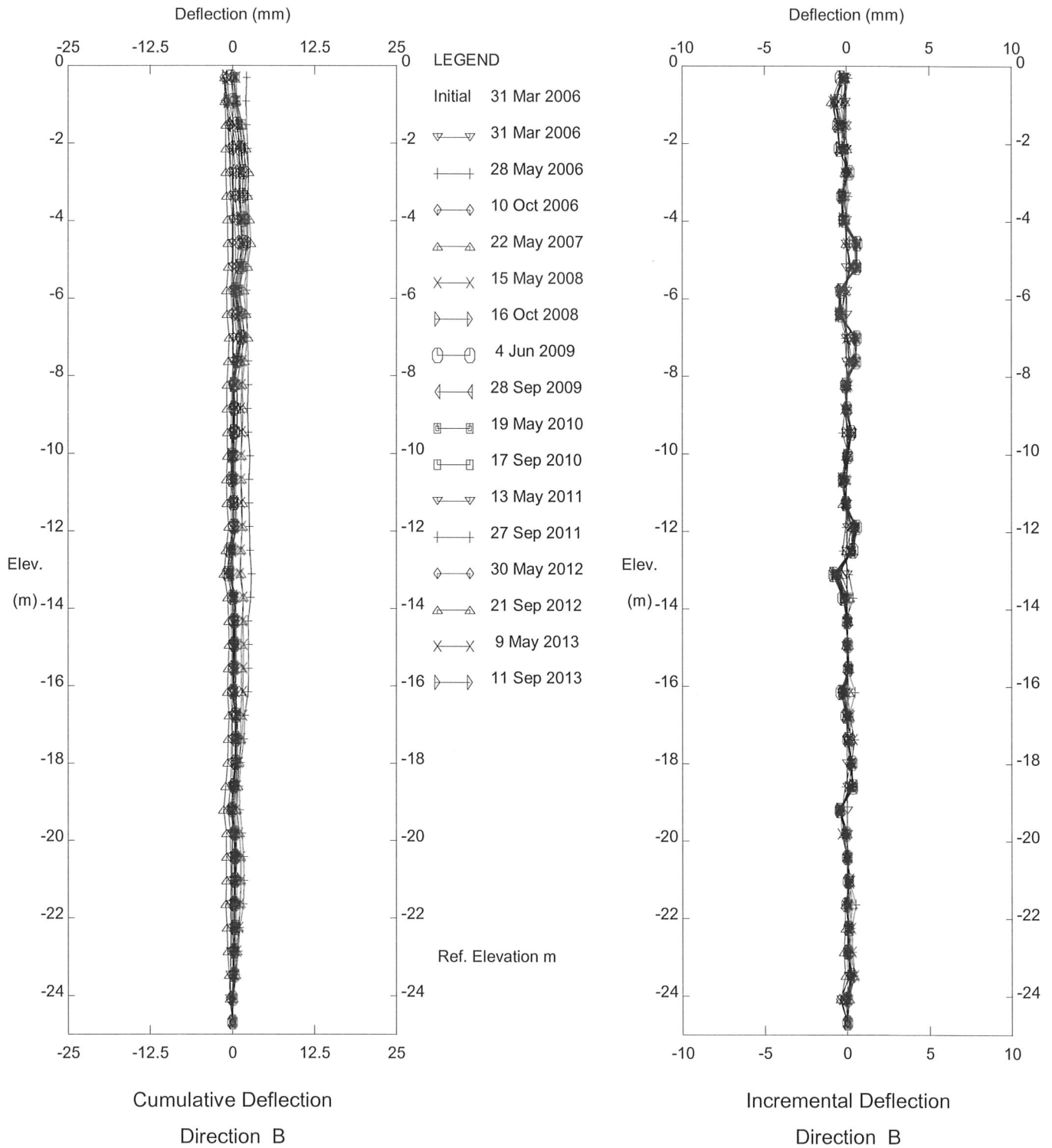
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Hwy 661:02 Ft Assiniboine (NC14), Inclinator SI06-6

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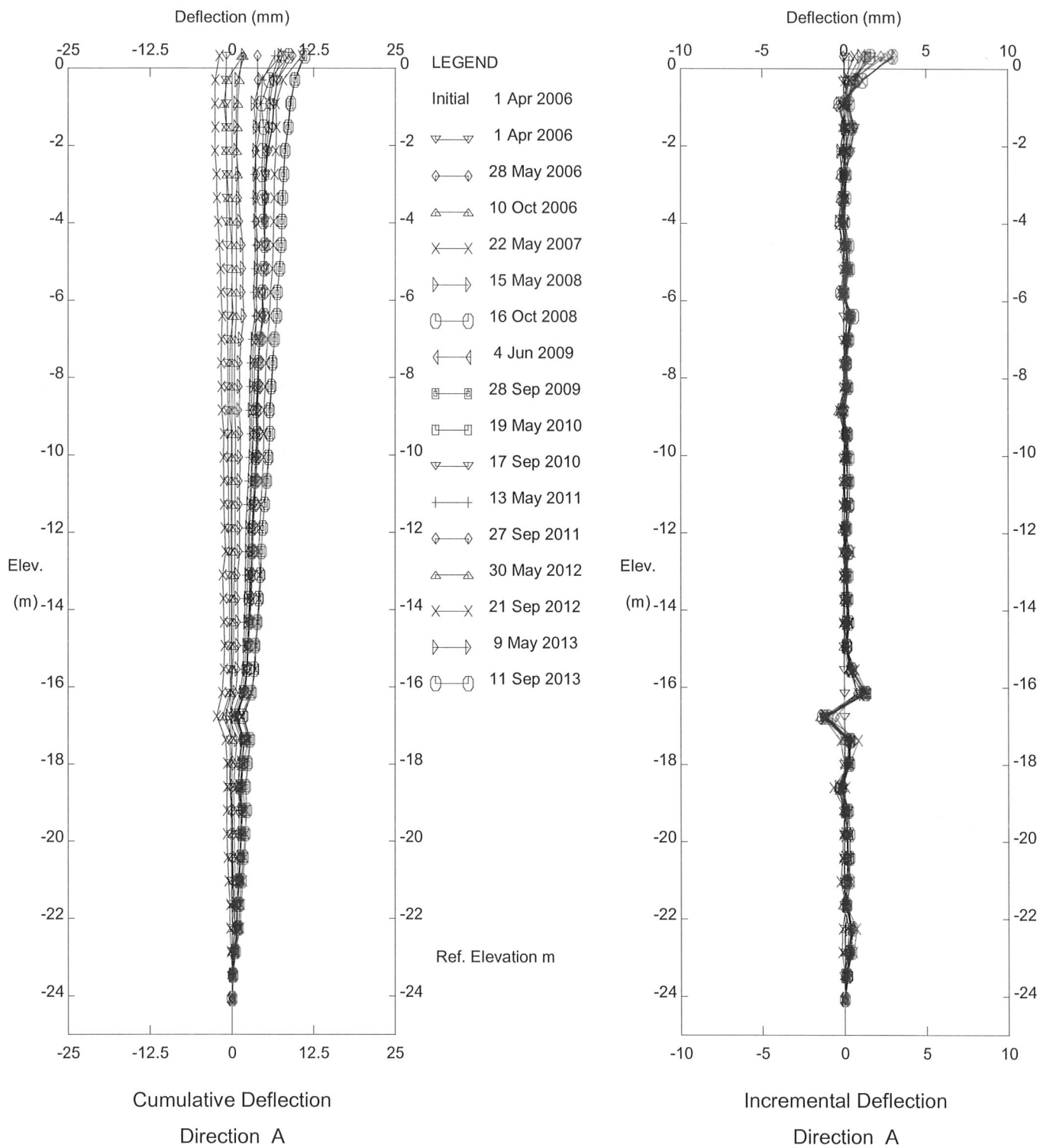
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Hwy 661:02 Ft Assiniboine (NC14), Inclinometer SI06-6

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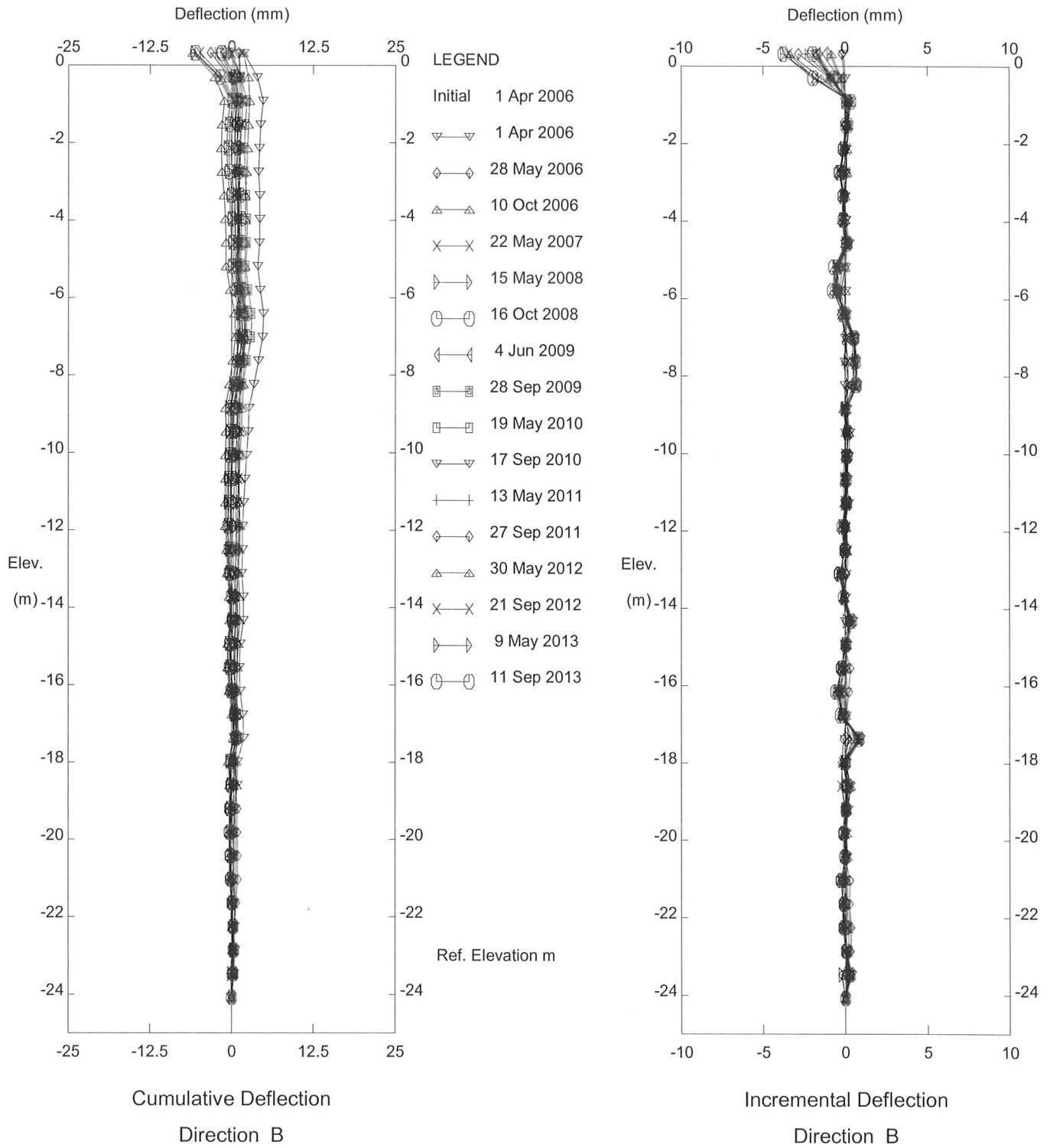
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Hwy 661:02 Ft Assiniboine (NC14), Inclinator SI-11

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Hwy 661:02 Ft Assiniboine (NC14), Inclinator SI-11

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## HWY661:02 FORT ASSINIBOINE (NC14) - STANDPIPE DATA WATER TABLE DEPTH

