



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

SPRING 2012

**SECTION D
DATA PRESENTATION**

SITE NC14: HWY 661:02 FORT ASSINIBOINE

ALBERTA TRANSPORTATION
 NORTH CENTRAL REGION - ATHABASCA AREA
 SLOPE INCLINOMETER MONITORING FIELD SUMMARY (NC14)
 SPRING 2012

Location: HWY 661:02, Fort Assiniboine File Number: 15-16-274 Probe: RST #4 Cable: RST #4	Readout: RST Extension: 2.75" Temp: 20°C Read by: CMG
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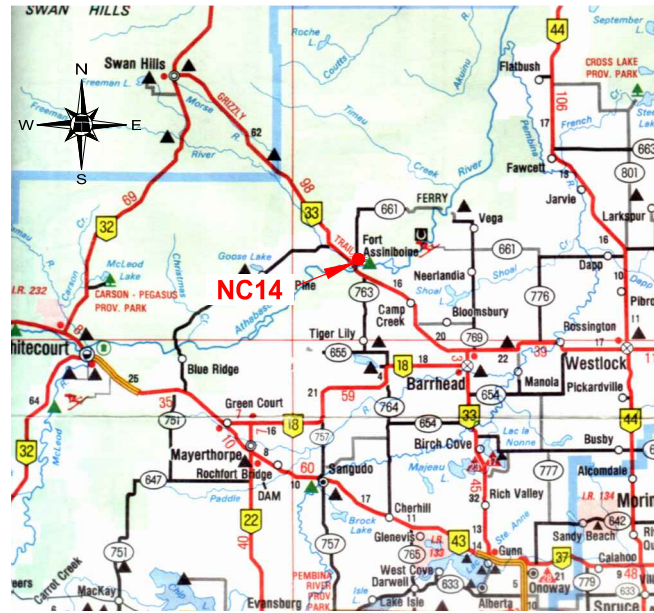
SLOPE INCLINOMETER (SI) READINGS

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	30-May-12	3	83 to 5	170°	559	-549	407	-408	
06-11	54.3390330	114.7719000	30-May-12	3	81 to 3	181°	370	-358	-671	672	

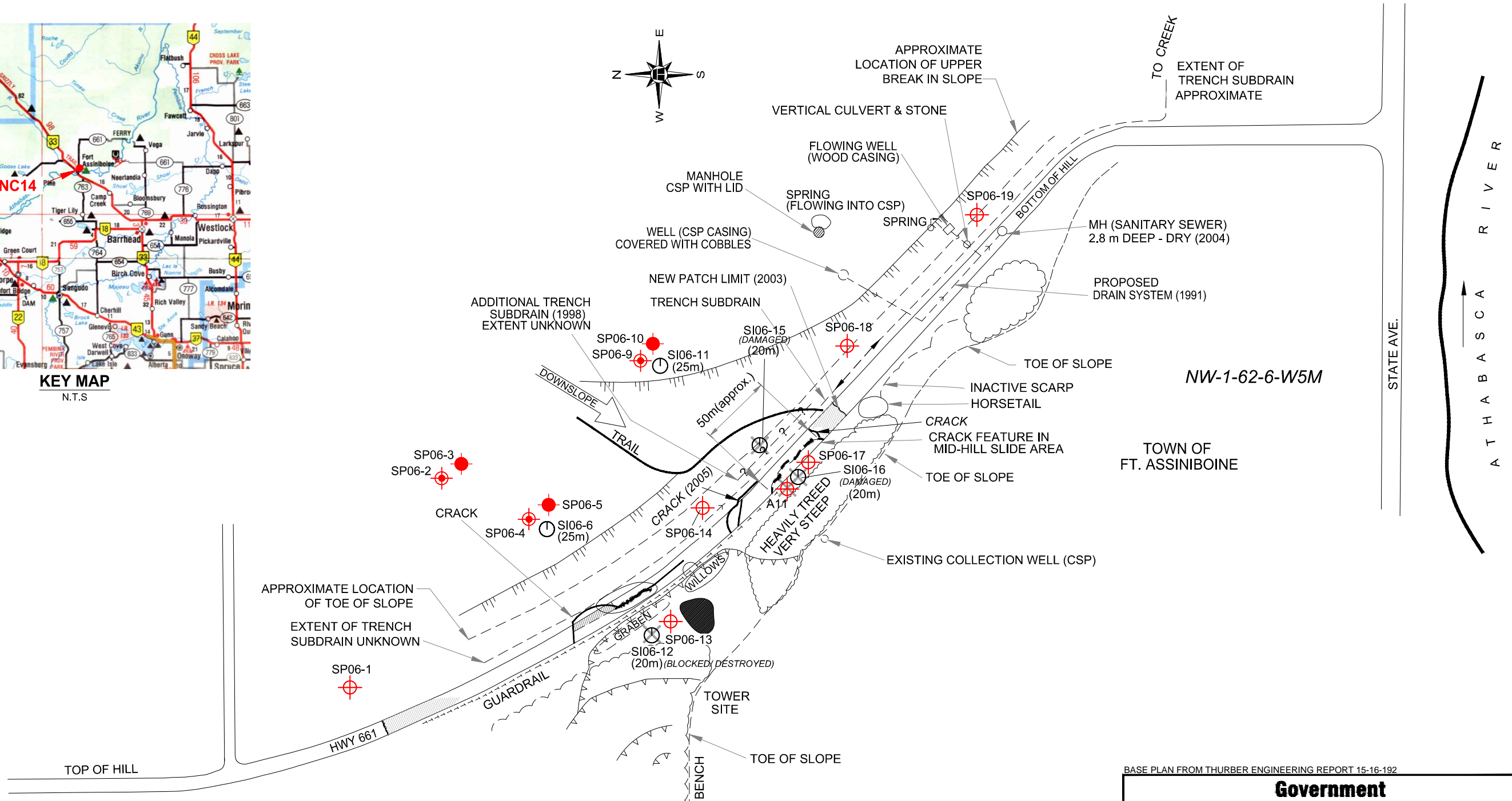
STANDPIPE PIEZOMETER (SP) READINGS

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	30-May-12	1.05	3.78	9.13
06-2	54.339500	114.773383	30-May-12	0.95	6.90	9.12
06-3	54.339500	114.773367	30-May-12	0.78	6.68	25.00
06-4	54.338889	114.774167	30-May-12	0.78	9.65	15.21
06-5	54.338889	114.774167	30-May-12	0.93	15.47	25.00
06-9	55.339033	114.771900	30-May-12	0.72	7.42	15.24
06-10	54.339033	114.771900	30-May-12	0.80	8.62	25.00
06-13	54.338611	114.774444	30-May-12	0.90	8.06	9.95
06-14	54.338333	114.773611	30-May-12	0.97	8.27	9.16
06-17	54.337778	114.773056	30-May-12	0.65	7.05	8.83
06-18	54.336111	114.770000	30-May-12	1.20	3.52	9.43
06-19	54.336111	114.770000	30-May-12	0.99	DRY	7.95

INSPECTOR REPORT ON 30-MAY-12



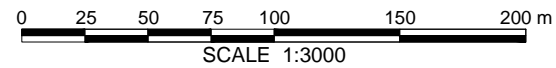
KEY MAP
N.T.S.



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

Government of Alberta
Transportation

NORTH CENTRAL REGION - ATHABASCA AREA

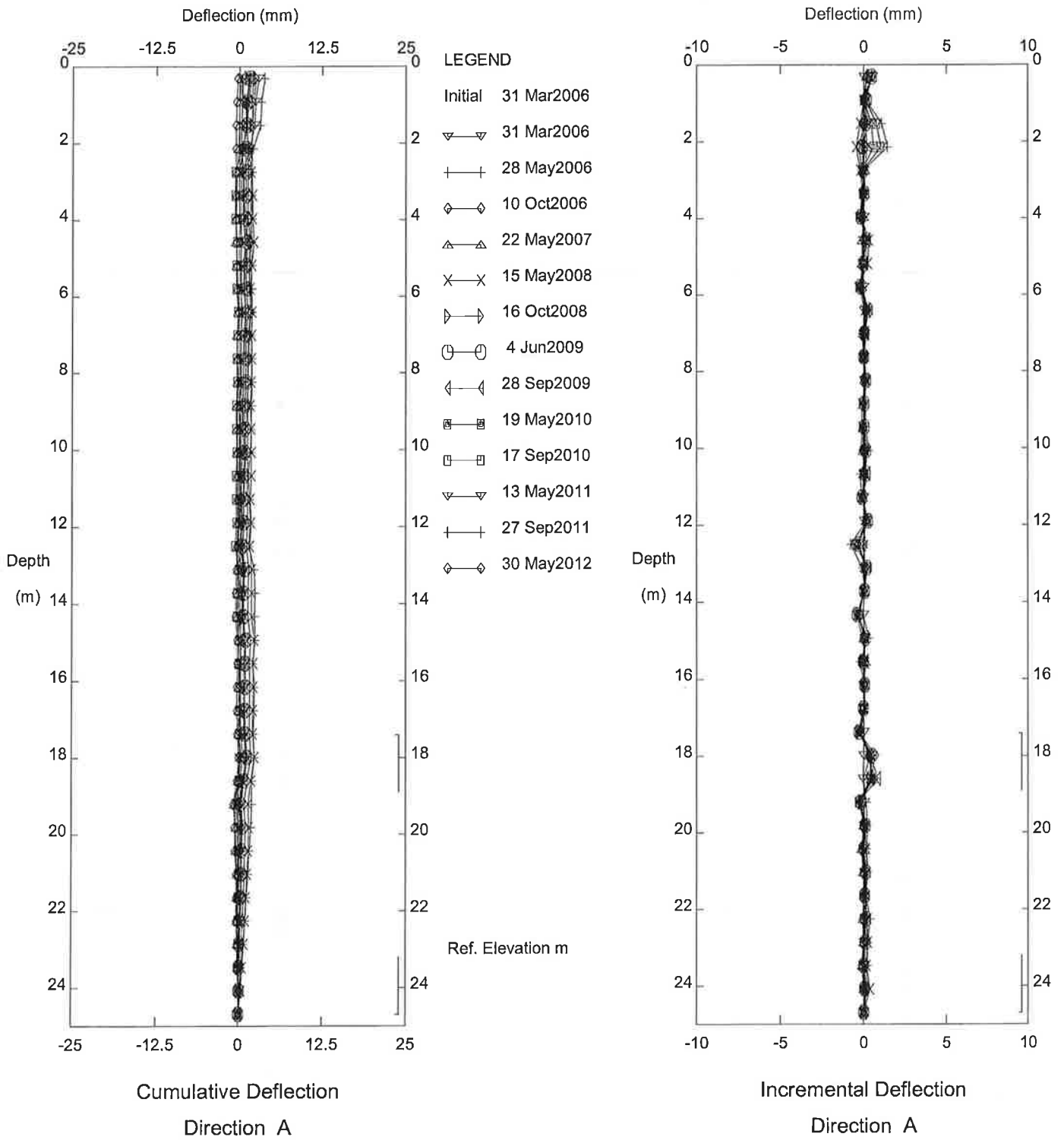
NC14 - FORT ASSINIBOINE INSTRUMENT LOCATIONS

DWG No. 15-16-274-NC14

DRAWN BY	KLW
DESIGNED BY	NFR
APPROVED BY	DWP
SCALE	1:3000
DATE	JULY 2012
FILE No.	15-16-274



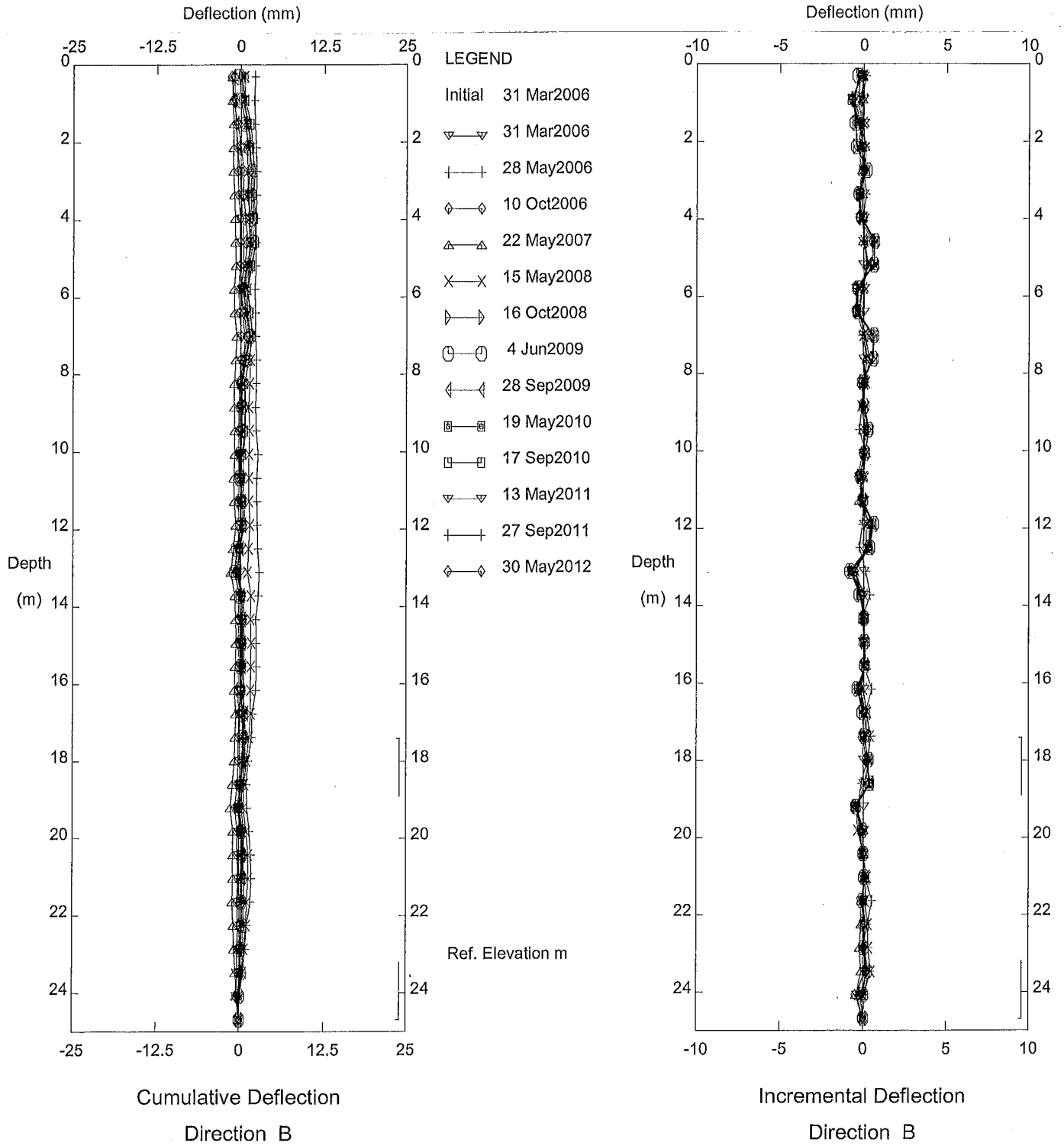
Thurber Engineering Ltd. - Edmonton, AB



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

Alberta Transportation

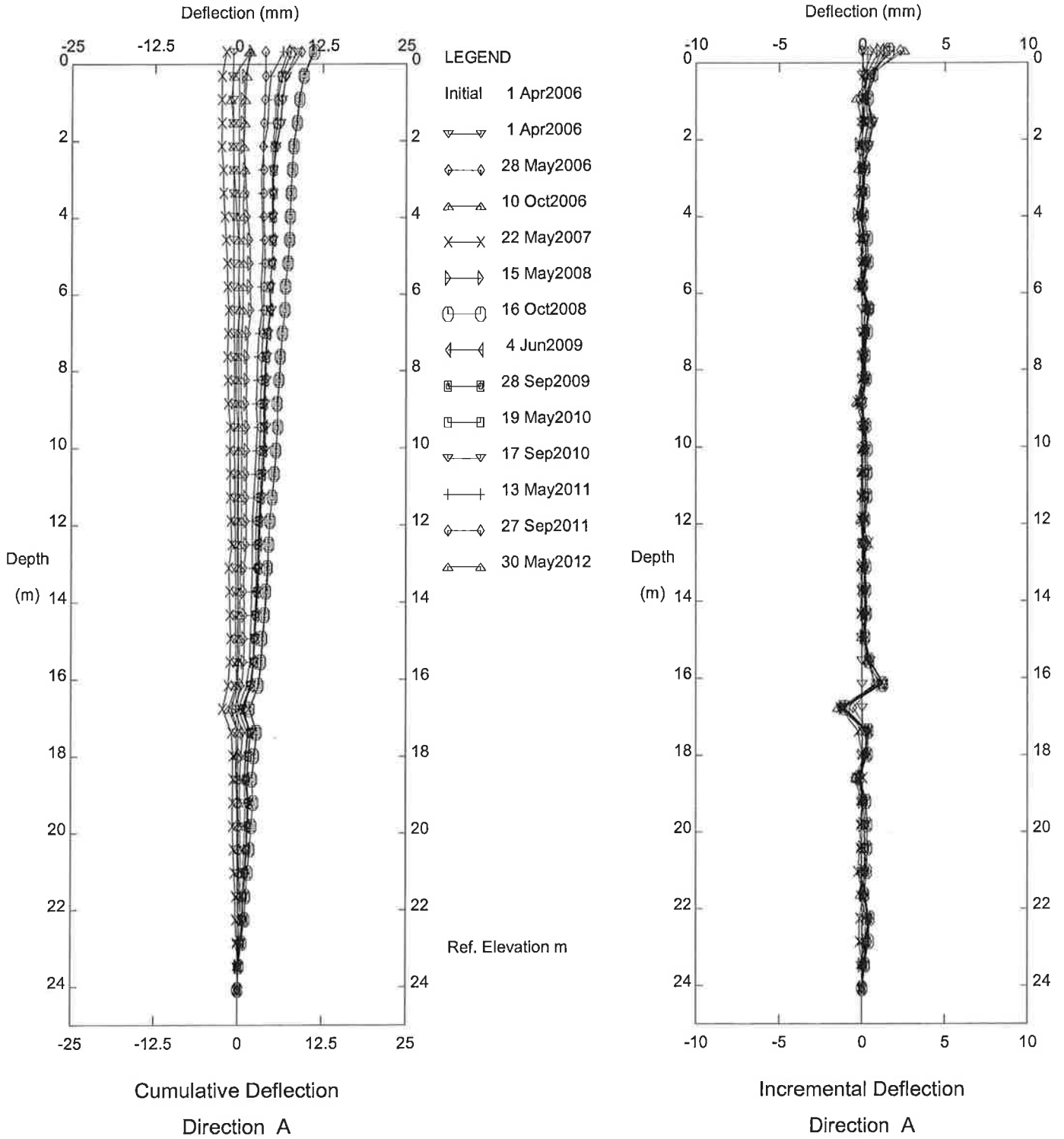
Thurber Engineering Ltd. - Edmonton, AB



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

Alberta Transportation

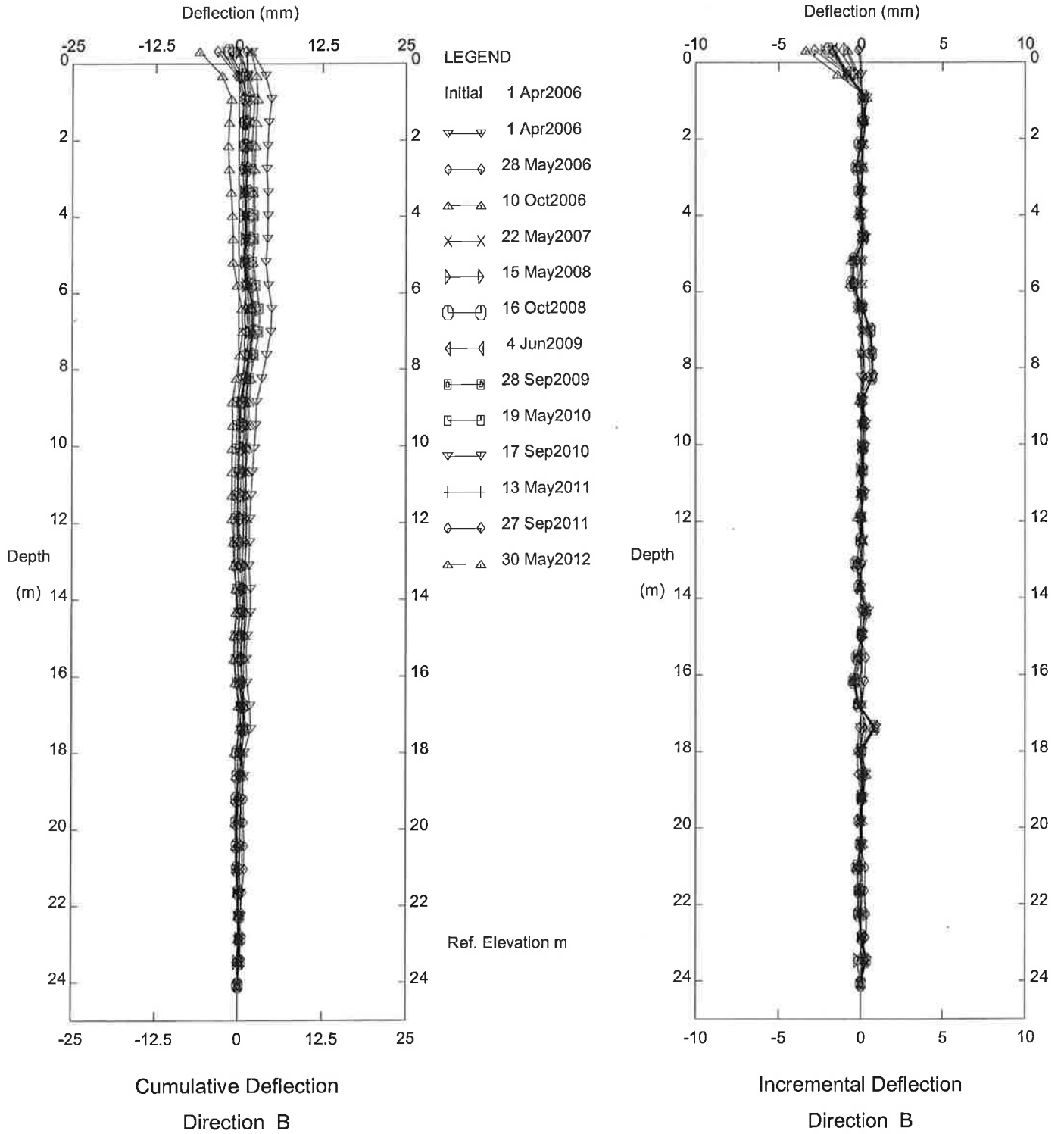
Thurber Engineering Ltd. - Edmonton, AB



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

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Thurber Engineering Ltd. - Edmonton, AB



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

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

