

项目名称:	上海市轨道交通19号线工程环境监测3标
工点名称:	三林南站
期数:	280
时间:	2026/7/7
类型:	常规
当前工况:	基坑5~19轴钢支撑已全部拆除完成，地下结构施工完成

说明:

1. 监测数据上传模板并非最终报表样式，作用是批量向平台输入监测数据。
2. 竖向位移和水平位移需要同步上传原始观测文件。
3. 本次变化量仅方便上传人员核对，系统根据本次观测值计算本次变化量及变化速率。
4. 基本信息工作表表名固定，位置固定为首个。
5. 重取初值填写0或1(0:否；1:是)

[illegible]

测项名称:	墙顶水平位移	天气:			
观测时间:	2026-7-7 10:31	观测设备:			
点号	X(m)	Y(m)	观测值(m)	本次变化量 (mm)	是否重取初值
QDS12	-1031.1048	-1506.1999	-1031.1048	0.2	
QDS13	-1031.212	-1494.9	-1031.212	-0.2	
QDS14	-1031.3274	-1482.8361	-1031.3274	0.4	
QDS15	-1031.4495	-1471.0943	-1031.4495	0.2	
QDS16	-1031.8244	-1458.9749	-1031.8244	0.1	
QDS17	-1032.0648	-1446.702	-1032.0648	-0.2	
QDS18	-1032.2702	-1435.0189	-1032.2702	0.1	
QDS19	-1033.1196	-1422.7936	-1033.1196	0	
QDS20	-1032.5761	-1411.0938	-1032.5761	0.4	
QDS21	-1033.321	-1399.0938	-1033.321	0.3	
QDS22	-1035.7102	-1388.5581	-1035.7102	0.5	
QDS23	1019.4894	1378.0242	1378.0242	0.3	
QDS23-1	1031.0291	1378.7585	1378.7585	-0.3	
QDS23-2	1013.5667	1377.6379	1377.6379	0.2	
QDS24	1007.972	1386.6835	1007.972	0.3	
QDS25	1008.86	1398.0499	1008.86	0.2	
QDS26	1008.9758	1410.777	1008.9758	0.1	
QDS27	1008.8453	1422.9625	1008.8453	-0.4	
QDS28	1008.7484	1434.8733	1008.7484	-0.2	
QDS29	1008.6488	1445.4613	1008.6488	0.3	
QDS30	1008.547	1458.6038	1008.547	0	
QDS31	1008.8435	1470.7936	1008.8435	0.2	
QDS32	1008.7166	1483.0312	1008.7166	0.4	
QDS33	1008.6182	1494.7906	1008.6182	0	
QDS34	-1017.8404	-1504.3688	-1504.3688	0.3	

备注:重取初值填写0或1(0:否; 1:是)

测项名称:	支撑轴力	天气:				
观测时间:	2026-7-7 10:31	观测设备:				
点号	传感器编号	本次监测频率 (Hz)	本次监测时温度(℃)	单个轴力值(kN)	本次轴力 (kN)	本次变化量(kN)
ZL1-6	224363	1438.7				
	224003	1360.9				
	223922	1399.1				
	223979	1368.2				
ZL1-7	224346	1388.6				
	224593	1375.5				
	224255	1348.4				
	224082	1485.8				
ZL1-8	224035	1439.2				
	224560	1410.4				
	224318	1401.3				
	223826	1385.0				
ZL1-9	224069	1403.0				
	224025	1352.3				
	224173	1354.4				
	224299	1313.4				
ZL1-10	224567	1389.5				
	223959	1394.1				
	224046	1348.4				
	224603	1399.8				
ZL1-11	224172	1384.9				
	224226	1389.7				
	223977	1419.9				
	224053	1296.6				
ZL1-12	224083	1394.4				
	224136	1411.7				
	224544	1399.8				
	224457	1365.1				

测项名称:	测斜	天气:				点号:	CX12	备注:是否重取初始管形填写0或1(0:否; 1:是)
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0	
深度	A0	A180	B0	B180	管形位移量 (改正前) (mm)	管形位移量 (改正后) (mm)	本次变化量(mm)	
0					0	1.9	0.2	
0.5	9.67	-8.96			0.16	2.06	0.24	
1	8.29	-7.37			0.205	2.105	0.2	
1.5	15.14	-14.07			0.4825	2.3825	0.15	
2	17.05	-16.43			0.78	2.68	0.145	
2.5	6.42	-5.62			0.9075	2.8075	0.14	
3	1.53	-1.37			0.9075	2.8075	0.105	
3.5	2.15	-1.23			1.015	2.915	0.04	
4	-2.86	3.57			1.4	3.3	-0.005	
4.5	-16.02	16.39			1.59	3.49	0.04	
5	-7.58	7.98			2.0275	3.9275	0.11	
5.5	4.69	-4.47			2.3	4.2	0.125	
6	8.65	-8.26			2.8725	4.7725	0.035	
6.5	6.51	-5.23			3.4375	5.3375	1.59872E-14	
7	4.96	-4.21			4.125	6.025	-0.07	
7.5	2.95	-2.04			4.8525	6.7525	-0.055	
8	-2.97	3.87			5.5	7.4	-0.07	
8.5	-10.31	11.29			5.97	7.87	-0.135	
9	-13.04	13.66			6.7675	8.6675	-0.16	
9.5	-9.95	10.38			7.6675	9.5675	-0.2	
10	-4.38	4.93			8.91	10.81	-0.155	
10.5	7.22	-6.91			9.9275	11.8275	-0.22	
11	6.61	-6.21			11.0725	12.9725	-0.255	
11.5	3.96	-3.18			12.455	14.355	-0.215	
12	2.08	-1.18			13.4825	15.3825	-0.25	
12.5	-0.34	1.08			14.5925	16.4925	-0.165	
13	2.59	-1.68			15.9725	17.8725	-0.105	
13.5	1.04	-0.54			16.8975	18.7975	-0.165	
14	-0.51	0.82			17.7775	19.6775	-0.215	
14.5	-1.18	1.29			18.84	20.74	-0.17	
15	0.05	0.7			20.0125	21.9125	-0.07	
15.5	2.79	-2.34			20.74	22.64	-0.02	
16	2.21	-1.1			21.1325	23.0325	0.01	
16.5	-5.75	6.44			21.61	23.51	0.065	
17	-5.01	5.7			22.525	24.425	-0.035	
17.5	-0.69	0.98			23.275	25.175	0.025	
18	0.36	0.4			23.9775	25.8775	0.065	
18.5	4.13	-3.3			24.505	26.405	-0.025	
19	3.33	-3.13			24.7225	26.6225	-0.09	
19.5	0.18	0.55			24.665	26.565	-0.13	
20	-5.11	5.64			24.795	26.695	-0.11	
20.5	-6.56	7.02			25.015	26.915	-0.145	
21	-1.82	2.82			25.24	27.14	-0.11	
21.5	4.09	-2.97			25.2675	27.1675	-0.125	
22	5.38	-4.59			25.31	27.21	-0.025	
22.5	6.97	-6.41			24.78	26.68	-0.05	
23	4.55	-3.72			24.2675	26.1675	-0.02	
23.5	0.1	0.52			23.28	25.18	0.015	
24	-3.93	4.65			22.3	24.2	-0.005	
24.5	-7.2	8.18			21.24	23.14	0.015	
25	-4.12	4.48			20.8225	22.7225	0.06	
25.5	5.91	-5.16			20.165	22.065	0.03	
26	6.22	-5.54			19.1525	21.0525	0.09	
26.5	3.53	-3.01			17.8725	19.7725	0.075	
27	0.74	0.21			16.795	18.695	0.04	
27.5	-3.13	4.24			15.315	17.215	0.065	
28	-12.21	13.01			13.9575	15.8575	0.03	
28.5	-12.85	13.57			13.225	15.125	-0.015	
29	-6.18	6.73			12.7175	14.6175	-0.04	
29.5	3.3	-2.75			12.235	14.135	0.005	
30	9.53	-8.97			11.4775	13.3775	-0.05	
30.5	10.52	-10.04			10.35	12.25	0.01	
31	13.14	-12.56			9.6775	11.5775	0.095	
31.5	11.93	-11.36			8.245	10.145	0.045	
32	6.26	-5.52			6.57	8.47	0.07	
32.5	-3.72	4.37			4.765	6.665	0.115	
33	-11.8	12.96			3.5475	5.4475	0.02	
33.5	-7.47	8.04			2.5175	4.4175	0.07	

测项名称:	测斜	天气:				点号:	CX13	备注:是否重取初始管形填写0或1(0:否; 1:是)
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0	
深度	A0	A180	B0	B180	管形位移量 (改正前) (mm)	管形位移量 (改正后) (mm)	本次变化量(mm)	
0					0	1.8	-0.2	
0.5	16.2	-15.08			0.5225	2.3225	-0.215	
1	13.03	-11.93			1.22	3.02	-0.19	
1.5	10.45	-9.84			1.8875	3.6875	-0.18	
2	4.97	-4.09			2.4825	4.2825	-0.2	
2.5	-1.42	2.37			3.375	5.175	-0.245	
3	-2.75	3.63			4.04	5.84	-0.315	
3.5	-5.7	6.78			4.8275	6.6275	-0.255	
4	-6.15	7.1			5.6225	7.4225	-0.215	
4.5	-0.28	0.8			6.49	8.29	-0.185	
5	4.63	-3.45			7.315	9.115	-0.185	
5.5	5.71	-4.8			8.58	10.38	-0.215	
6	9.18	-8.41			9.4975	11.2975	-0.235	
6.5	10.21	-9.47			10.495	12.295	-0.27	
7	8.85	-7.78			11.2375	13.0375	-0.29	
7.5	2.43	-1.65			12.0075	13.8075	-0.34	
8	-3.65	4.55			12.87	14.67	-0.31	
8.5	-5.89	6.67			13.775	15.575	-0.325	
9	-8.97	9.47			14.705	16.505	-0.295	
9.5	-6.89	7.7			16.1075	17.9075	-0.175	
10	-3.92	4.25			17.6625	19.4625	-0.155	
10.5	5.22	-4.28			19.39	21.19	-0.19	
11	5.82	-4.77			20.75	22.55	-0.23	
11.5	1.71	-0.77			22.44	24.24	-0.17	
12	-1.89	3.01			23.97	25.77	-0.225	
12.5	-1.23	2.1			25.9025	27.7025	-0.13	
13	1.21	-0.17			27.46	29.26	-0.145	
13.5	2.89	-2.17			28.9175	30.7175	-0.19	
14	1.21	-0.55			30.275	32.075	-0.225	
14.5	-2.49	3.74			32.17	33.97	-0.15	
15	-4.02	4.6			33.7525	35.5525	-0.145	
15.5	-3.61	4.31			35.475	37.275	-0.105	
16	-1.7	2.58			37.1325	38.9325	-0.155	
16.5	-1.94	2.72			38.8725	40.6725	-0.095	
17	-1.92	2.36			40.7575	42.5575	-0.05	
17.5	6.74	-5.64			42.97	44.77	-0.03	
18	9.95	-9.12			44.695	46.495	0.015	
18.5	9.02	-8.35			46.625	48.425	0.145	
19	6.59	-5.79			48.095	49.895	0.155	
19.5	2.69	-2.17			49.1	50.9	0.22	
20	-0.24	1.09			49.965	51.765	0.155	
20.5	-2.76	3.38			50.715	52.515	0.155	
21	-4.63	5.48			51.245	53.045	0.14	
21.5	-4.08	5.07			51.6925	53.4925	0.165	
22	0.93	-0.6			51.875	53.675	0.155	
22.5	2.87	-2.77			51.4325	53.2325	0.22	
23	3.14	-2.56			50.525	52.325	0.195	
23.5	2.39	-1.59			49.1825	50.9825	0.22	
24	0.57	0.04			47.4775	49.2775	0.175	
24.5	-1.33	1.92			45.7875	47.5875	0.16	
25	-3.09	3.96			44.3675	46.1675	0.185	
25.5	2.33	-1.33			42.58	44.38	0.16	
26	5.03	-4.5			40.525	42.325	0.07	
26.5	4.89	-4.11			38.34	40.14	-0.04	
27	2.54	-1.83			36.01	37.81	-0.01	
27.5	0.01	1.06			33.485	35.285	-0.015	
28	-0.34	0.94			31.3875	33.1875	-0.095	
28.5	-0.48	1.4			29.1225	30.9225	-0.035	
29	1.57	-0.82			27.0675	28.8675	0.065	
29.5	6.2	-5.3			24.8275	26.6275	-0.02	
30	11.94	-11.01			22.835	24.635	-0.07	
30.5	13.23	-12.41			20.425	22.225	-0.045	
31	11.94	-10.94			17.465	19.265	-0.1	
31.5	6.85	-5.96			14.895	16.695	-0.09	
32	8.45	-7.59			12.6475	14.4475	0.02	
32.5	8.84	-8.13			10	11.8	0.11	
33	6.61	-5.85			7.12	8.92	0.06	

测项名称:	测斜	天气:				点号:	CX14	备注:是否重取初始管形填写0或1(0:否; 1:是)
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0	
深度	A0	A180	B0	B180	管形位移量 (改正前) (mm)	管形位移量 (改正后) (mm)	本次变化量(mm)	
0					0	4.1	0.4	
0.5	18.63	-17.76			0.09	4.19	0.41	
1	18.79	-18.29			0.165	4.265	0.52	
1.5	18.4	-17.87			0.0375	4.1375	0.465	
2	12.52	-11.8			0.145	4.245	0.465	
2.5	8.68	-7.7			0.4375	4.5375	0.47	
3	9.73	-9.24			0.64	4.74	0.44	
3.5	5.3	-4.71			0.7975	4.8975	0.47	
4	0.7	0.31			1.1775	5.2775	0.53	
4.5	-4.5	5.58			1.3375	5.4375	0.52	
5	-9.02	10.17			1.855	5.955	0.565	
5.5	-1.79	2.94			2.9025	7.0025	0.55	
6	5.36	-4.54			4.09	8.19	0.43	
6.5	8.35	-7.73			5.155	9.255	0.405	
7	6.52	-5.45			6.0575	10.1575	0.4	
7.5	3.01	-2.16			7.2925	11.3925	0.44	
8	0.27	0.69			8.55	12.65	0.47	
8.5	-5.15	6.01			9.59	13.69	0.44	
9	-13.35	14.19			11.065	15.165	0.49	
9.5	-15.48	16.56			12.9975	17.0975	0.44	
10	-9.35	9.85			15.71	19.81	0.38	
10.5	1.49	-0.27			18.97	23.07	0.38	
11	3.38	-2.82			22.0875	26.1875	0.38	
11.5	4.56	-3.69			25.2675	29.3675	0.365	
12	3.28	-2.31			28.28	32.38	0.415	
12.5	-0.42	1.57			31.0125	35.1125	0.405	
13	-3.89	4.65			34.0375	38.1375	0.475	
13.5	-9.68	10.46			36.5775	40.6775	0.415	
14	-6.76	7.49			40.0075	44.1075	0.46	
14.5	1.31	-0.16			42.995	47.095	0.515	
15	1.55	-0.7			45.43	49.53	0.48	
15.5	-1.62	2.35			48.0225	52.1225	0.535	
16	-3.55	4.59			50.6375	54.7375	0.58	
16.5	-7.06	8.14			53.0175	57.1175	0.525	
17	-6.58	7.43			55.7825	59.8825	0.445	
17.5	-1.81	2.49			58.335	62.435	0.38	
18	5.32	-4.27			61.1275	65.2275	0.37	
18.5	5.55	-4.58			63.175	67.275	0.39	
19	1.87	-0.69			64.655	68.755	0.37	
19.5	-5.89	6.64			65.7675	69.8675	0.405	
20	-8.36	9.27			66.715	70.815	0.46	
20.5	-10.81	11.38			66.845	70.945	0.385	
21	-10.54	10.84			67.28	71.38	0.34	
21.5	-3.33	4.22			67.3825	71.4825	0.425	
22	3.05	-2			67.0425	71.1425	0.435	
22.5	5.8	-5			65.895	69.995	0.365	
23	4.88	-4.14			63.92	68.02	0.415	
23.5	-0.39	1.33			61.11	65.21	0.405	
24	-7.1	7.99			58.2375	62.3375	0.35	
24.5	-8.43	9.36			55.7475	59.8475	0.315	
25	-0.93	2.49			53.5175	57.6175	0.355	
25.5	4.26	-2.83			51.1175	55.2175	0.43	
26	7.06	-6.43			48.635	52.735	0.405	
26.5	8.39	-7.63			46.29	50.39	0.39	
27	7.92	-6.69			43.4975	47.5975	0.38	
27.5	2.37	-1.36			40.35	44.45	0.455	
28	-9.62	10.01			37.2025	41.3025	0.535	
28.5	-9.43	10.15			34.96	39.06	0.47	
29	-1.99	3.06			33.0275	37.1275	0.49	
29.5	7.56	-6.97			31.205	35.305	0.505	
30	14.91	-13.98			28.4575	32.5575	0.485	
30.5	13.16	-12.23			25.41	29.51	0.485	
31	8.6	-7.72			22.4	26.5	0.38	
31.5	4.9	-3.75			19.2975	23.3975	0.47	
32	3.78	-2.56			16.6725	20.7725	0.4	
32.5	7	-6.6			13.92	18.02	0.375	
33	3.86	-2.88			10.89	14.99	0.35	

测项名称:	测斜	天气:				点号:	CX15	备注:是否重取初始管形填写0或1(0:否; 1:是)
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0	
深度	A0	A180	B0	B180	管形位移量 (改正前) (mm)	管形位移量 (改正后) (mm)	本次变化量(mm)	
0					0	1.5	0.2	
0.5	11.89	-10.46			0.9725	2.4725	0.34	
1	14.98	-13.68			1.4475	2.9475	0.4	
1.5	19.43	-17.75			2.235	3.735	0.46	
2	15.84	-14.45			2.8475	4.3475	0.47	
2.5	3.3	-1.62			3.53	5.03	0.525	
3	-4.6	6.65			3.9325	5.4325	0.41	
3.5	-7.08	8.37			4.6375	6.1375	0.425	
4	-0.97	2.13			5.085	6.585	0.405	
4.5	2.04	-0.44			5.345	6.845	0.425	
5	6.12	-4.45			5.7625	7.2625	0.36	
5.5	12.2	-11.12			6.495	7.995	0.33	
6	11.26	-9.92			7.05	8.55	0.26	
6.5	7.53	-6.19			7.7825	9.2825	0.215	
7	6.73	-5.1			8.28	9.78	0.2	
7.5	3.8	-2.38			9.215	10.715	0.215	
8	-1.18	2.77			10.235	11.735	0.22	
8.5	-4.68	6.68			11.405	12.905	0.16	
9	-5.6	7.45			12.7775	14.2775	0.175	
9.5	-4.94	6.32			14.195	15.695	0.06	
10	-0.88	2.38			16.05	17.55	0.04	
10.5	6.84	-5.72			18.4275	19.9275	0.1	
11	10.71	-9.47			20.81	22.31	0.205	
11.5	9.46	-7.64			23.38	24.88	0.305	
12	3.15	-1.65			25.615	27.115	0.27	
12.5	-1.13	2.67			28.025	29.525	0.285	
13	-3.16	4.88			30.5275	32.0275	0.27	
13.5	-2.34	3.99			33.315	34.815	0.31	
14	2.34	-0.55			35.8725	37.3725	0.26	
14.5	2.74	-0.75			38.0275	39.5275	0.24	
15	-0.01	1.53			40.29	41.79	0.19	
15.5	-2.79	4.16			42.2475	43.7475	0.245	
16	-8.96	10.76			44.0875	45.5875	0.21	
16.5	-8.48	9.93			46.555	48.055	0.255	
17	-2.88	4.93			48.615	50.115	0.305	
17.5	-2.65	4.2			50.6025	52.1025	0.265	
18	6.75	-5.31			52.855	54.355	0.27	
18.5	14.32	-12.61			54.48	55.98	0.205	
19	14.36	-12.9			55.6575	57.1575	0.1	
19.5	10.05	-8.64			56.665	58.165	0.125	
20	4.66	-3.06			57.51	59.01	0.055	
20.5	4.67	-3.25			57.94	59.44	-0.09	
21	11.24	-10.04			58.59	60.09	-0.16	
21.5	15.79	-13.71			58.565	60.065	-0.095	
22	9.58	-8.38			57.8025	59.3025	-0.105	
22.5	3.53	-1.88			56.62	58.12	-0.14	
23	-3.72	5.1			55.3775	56.8775	-0.125	
23.5	-7.18	8.4			53.4275	54.9275	-0.13	
24	-7.9	9.56			51.465	52.965	-0.1	
24.5	-2.63	4.65			49.5675	51.0675	-0.06	
25	-1.96	3.99			47.35	48.85	-0.06	
25.5	0.39	1.46			45.1225	46.6225	-0.1	
26	3.65	-2.48			42.78	44.28	-0.13	
26.5	10.13	-8.4			40.8575	42.3575	-0.02	
27	14.64	-12.84			38.4675	39.9675	-0.035	
27.5	16.4	-15			36.12	37.62	-0.01	
28	12.49	-11.57			33.495	34.995	0.015	
28.5	10.23	-8.63			31.0625	32.5625	0.07	
29	9.78	-8.14			28.445	29.945	0.17	
29.5	10.07	-8.38			26.39	27.89	0.23	
30	16.66	-14.79			23.505	25.005	0.28	
30.5	16.93	-15.34			20.8575	22.3575	0.24	
31	16.16	-14.58			18.1675	19.6675	0.235	
31.5	13.62	-11.91			15.4175	16.9175	0.16	
32	13.08	-11.26			12.6425	14.1425	0.14	
32.5	11.03	-9.5			9.89	11.39	0.105	
33	10.63	-9.17			7.4625	8.9625	0.09	

测项名称:	测斜	天气:				点号:	CX16	备注:是否重取初始管形填写0或1(0:否; 1:是)
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0	
深度	A0	A180	B0	B180	管形位移量 (改正前) (mm)	管形位移量 (改正后) (mm)	本次变化量(mm)	
0					0	4.6	0.1	
0.5	-2.28	3.39			1.6075	6.2075	0.02	
1	-2.24	-1.79			3.1925	7.7925	0.045	
1.5	7.51	-1.77			4.74	9.34	-0.055	
2	1.95	-1.3			7.0175	11.6175	-0.055	
2.5	-1.05	1.99			9.1425	13.7425	0.03	
3	-1.75	2.42			11.2025	15.8025	0.01	
3.5	-0.68	1.38			12.85	17.45	0.005	
4	1.54	-0.74			14.7075	19.3075	0.04	
4.5	2.04	-1.17			16.4125	21.0125	-0.02	
5	5.4	-4.76			17.805	22.405	-0.105	
5.5	10.59	-9.57			19.4925	24.0925	-0.165	
6	9.67	-8.68			21.165	25.765	-0.155	
6.5	4.9	-4.19			22.845	27.445	-0.16	
7	2.98	-1.93			24.5025	29.1025	-0.135	
7.5	1.4	-0.61			25.9325	30.5325	-0.18	
8	-1.59	2.35			27.5025	32.1025	-0.25	
8.5	-6.8	7.53			29.3375	33.9375	-0.305	
9	-10.9	11.84			31.1775	35.7775	-0.365	
9.5	-12.18	12.93			32.6975	37.2975	-0.435	
10	-9.66	10.51			35.2175	39.8175	-0.46	
10.5	-1.41	1.94			37.7675	42.3675	-0.41	
11	12.76	-11.76			40.15	44.75	-0.395	
11.5	18.32	-17.21			42.555	47.155	-0.39	
12	11.59	-10.81			44.7525	49.3525	-0.385	
12.5	0.61	0.19			46.835	51.435	-0.335	
13	-5.82	6.72			49.065	53.665	-0.23	
13.5	-6.71	7.56			51.0125	55.6125	-0.195	
14	-3.6	4.68			53.2175	57.8175	-0.075	
14.5	1	0.17			55.125	59.725	-0.07	
15	0.33	0.54			57.1325	61.7325	0	
15.5	-0.1	1.03			58.95	63.55	0.045	
16	0.74	0.36			60.6675	65.2675	0.055	
16.5	-2.72	3.78			62.055	66.655	0.05	
17	-6.49	7.45			63.7125	68.3125	-0.025	
17.5	3.6	-2.74			66.0725	70.6725	0.025	
18	9.27	-8.15			67.88	72.48	0.03	
18.5	7.92	-7.03			69.38	73.98	0.12	
19	5.53	-4.66			70.545	75.145	0.105	
19.5	4.61	-3.59			71.015	75.615	0.045	
20	-4.58	5.31			70.8625	75.4625	0.085	
20.5	-10.31	11.44			70.57	75.17	-0.035	
21	-7.23	8.08			70.39	74.99	0.01	
21.5	-2.98	4.02			69.8075	74.4075	0.08	
22	2.6	-1.7			69.1025	73.7025	0.01	
22.5	6.1	-5.26			67.24	71.84	-0.05	
23	8.84	-8.1			65.3175	69.9175	0.03	
23.5	13.66	-12.95			63.2925	67.8925	0.075	
24	12.59	-11.55			60.915	65.515	0.125	
24.5	11.69	-11.1			58.325	62.925	0.095	
25	7.96	-7.23			55.6325	60.2325	0.035	
25.5	7.6	-6.41			52.9475	57.5475	0.02	
26	-0.91	1.34			49.7375	54.3375	-0.02	
26.5	-5.65	7.04			47.04	51.64	0.045	
27	-3.93	4.78			44.34	48.94	0.11	
27.5	0.06	0.81			41.505	46.105	0.21	
28	-3.96	4.86			38.245	42.845	0.17	
28.5	-2.89	3.83			35.3625	39.9625	0.195	
29	2.31	-1.79			32.7725	37.3725	0.2	
29.5	8.37	-7.66			30.01	34.61	0.27	
30	13.37	-12.34			26.9775	31.5775	0.285	
30.5	11.39	-10.68			24.19	28.79	0.345	
31	11.99	-11.33			21.095	25.695	0.35	
31.5	10.93	-10.22			17.8175	22.4175	0.35	
32	5.35	-4.57			14.35	18.95	0.27	
32.5	3.94	-3.37			11.36	15.96	0.295	
33	3.95	-3			8.195	12.795	0.29	

测项名称:	测斜	天气:				点号:	CX17	备注:是否重取初始管形填写0或1(0:否; 1:是)
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0	
深度	A0	A180	B0	B180	管形位移量 (改正前) (mm)	管形位移量 (改正后) (mm)	本次变化量(mm)	
0					0	3.3	-0.2	
0.5	-12.3	13.36			2.3225	5.6225	-0.125	
1	-13	13.52			4.8475	8.1475	-0.135	
1.5	-12.02	13.04			7	10.3	-0.11	
2	-3.3	4.51			9.665	12.965	-0.105	
2.5	3.9	-2.87			12.2525	15.5525	-0.125	
3	5.86	-5.16			14.15	17.45	-0.145	
3.5	5.16	-4.25			16.44	19.74	-0.11	
4	3.39	-2.72			18.735	22.035	-0.075	
4.5	-0.2	1.65			21.025	24.325	-0.095	
5	-9.59	11.29			23.8525	27.1525	-0.155	
5.5	-7.55	8.53			26.4575	29.7575	-0.085	
6	-7.25	8.23			28.81	32.11	-0.17	
6.5	-11.71	11.77			30.985	34.285	-0.18	
7	-10.69	11.61			33.11	36.41	-0.215	
7.5	-3.47	4.12			35.6825	38.9825	-0.245	
8	1.58	-0.88			38.4575	41.7575	-0.235	
8.5	5.63	-4.14			41.4125	44.7125	-0.23	
9	6.77	-6.04			44.2175	47.5175	-0.245	
9.5	5.22	-4.86			47.21	50.51	-0.3	
10	4.74	-3.79			50.4175	53.7175	-0.21	
10.5	4.65	-4.68			53.3425	56.6425	-0.195	
11	9.72	-9.09			55.7375	59.0375	-0.28	
11.5	9.57	-9.03			58.07	61.37	-0.265	
12	1.63	-0.57			59.9625	63.2625	-0.175	
12.5	-8.54	9.31			61.3975	64.6975	-0.225	
13	-11.44	13			62.7325	66.0325	-0.165	
13.5	-12.35	13.8			64.25	67.55	-0.18	
14	-5.31	5.79			66.0775	69.3775	-0.135	
14.5	-1.51	2.36			67.395	70.695	-0.175	
15	-2.26	3.06			68.6525	71.9525	-0.19	
15.5	-2.07	2.23			69.7525	73.0525	-0.195	
16	-2.7	4.17			70.7125	74.0125	-0.27	
16.5	-6.59	7.57			71.5675	74.8675	-0.2	
17	-13.04	14.27			72.6275	75.9275	-0.275	
17.5	-18.55	20.26			73.24	76.54	-0.185	
18	7.89	-5.68			73.74	77.04	-0.22	
18.5	25.49	-25.13			73.06	76.36	-0.235	
19	17.06	-17.93			72.105	75.405	-0.275	
19.5	10.09	-9.49			70.375	73.675	-0.28	
20	-2.9	3.48			69.445	72.745	-0.27	
20.5	-13.64	11.3			68.7625	72.0625	-0.245	
21	-14.77	11.98			66.69	69.99	-0.24	
21.5	1.42	-1.21			66.1775	69.4775	-0.27	
22	23.52	-22			64.0875	67.3875	-0.315	
22.5	16.85	-15.73			61.9875	65.2875	-0.255	
23	12.57	-10.55			59.0525	62.3525	-0.245	
23.5	4.87	-3.35			56.9975	60.2975	-0.2	
24	-3.45	5.54			54.89	58.19	-0.16	
24.5	-10.69	11.85			52.5125	55.8125	-0.25	
25	-13.64	15.07			49.77	53.07	-0.19	
25.5	-11.85	12.73			47.8975	51.1975	-0.135	
26	20.42	-18.64			46.555	49.855	-0.13	
26.5	32.25	-30.25			43.83	47.13	-0.11	
27	25.9	-25.58			41.4225	44.7225	-0.18	
27.5	20.75	-16.64			39.54	42.84	-0.125	
28	7.25	-5.68			35.5275	38.8275	-0.135	
28.5	-11.47	10.84			32.2375	35.5375	-0.105	
29	-24.02	26.12			30.1525	33.4525	-0.17	
29.5	-22.12	23.04			30.145	33.445	-0.195	
30	19.47	-16.63			29.6525	32.9525	-0.21	
30.5	19.92	-18.8			27.2925	30.5925	-0.295	
31	15.27	-15.47			25.715	29.015	-0.195	
31.5	5.23	-4.4			23.1375	26.4375	-0.25	
32	-7.27	8.46			21.0225	24.3225	-0.26	
32.5	-12.3	13.93			18.7475	22.0475	-0.175	
33	-14.3	16.36			16.9325	20.2325	-0.255	

测项名称:	测斜	天气:				点号:	CX18	备注:是否重取初始管形填写0或1(0:否; 1:是)
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0	
深度	A0	A180	B0	B180	管形位移量 (改正前) (mm)	管形位移量 (改正后) (mm)	本次变化量(mm)	
0					0	4.4	0.1	
0.5	6.46	-5.73			2.085	6.485	0.145	
1	1.64	-0.76			4.3925	8.7925	0.18	
1.5	1.03	-0.24			6.7475	11.1475	0.225	
2	-0.83	1.83			9.0925	13.4925	0.3	
2.5	0.29	0.67			11.365	15.765	0.33	
3	-4.55	5.77			13.65	18.05	0.315	
3.5	-5.11	5.98			15.9775	20.3775	0.375	
4	-8.32	8.95			18.09	22.49	0.32	
4.5	-4.78	5.97			20.5175	24.9175	0.275	
5	-4.25	5.11			23.345	27.745	0.275	
5.5	-2.54	3.41			26.0825	30.4825	0.255	
6	1.33	-0.57			29.0975	33.4975	0.345	
6.5	10.78	-9.7			31.9	36.3	0.245	
7	12.48	-11.34			34.5075	38.9075	0.18	
7.5	11.13	-10.27			37.0825	41.4825	0.225	
8	7.78	-6.74			39.7775	44.1775	0.25	
8.5	4.13	-2.85			42.6225	47.0225	0.31	
9	2.08	-1.25			44.695	49.095	0.265	
9.5	-4.02	5.1			47.1575	51.5575	0.375	
10	-1.33	2.39			49.77	54.17	0.285	
10.5	3.76	-2.65			52.345	56.745	0.255	
11	0.94	0.11			54.7375	59.1375	0.2	
11.5	1.97	-0.92			57.14	61.54	0.21	
12	3.38	-2.58			59.36	63.76	0.165	
12.5	4.74	-3.93			61.5125	65.9125	0.25	
13	2.57	-1.2			62.965	67.365	0.265	
13.5	-0.79	1.74			64.59	68.99	0.275	
14	2.35	-1.78			66.385	70.785	0.24	
14.5	-5.18	5.77			67.625	72.025	0.29	
15	-11.2	12			68.6675	73.0675	0.3	
15.5	-16.47	17.29			69.87	74.27	0.285	
16	-17.02	18.03			70.51	74.91	0.265	
16.5	-14.86	15.72			71.54	75.94	0.3	
17	-6.32	7.42			72.2975	76.6975	0.32	
17.5	5.81	-4.82			72.825	77.225	0.35	
18	11.89	-10.93			72.95	77.35	0.33	
18.5	15.9	-14.99			72.0725	76.4725	0.345	
19	1.91	-0.67			69.875	74.275	0.24	
19.5	-15.48	16.48			68.58	72.98	0.315	
20	-5.8	7.04			68.7775	73.1775	0.32	
20.5	9.81	-9.05			68.2875	72.6875	0.315	
21	16.94	-15.81			67.1025	71.5025	0.37	
21.5	21.45	-20.72			65.85	70.25	0.365	
22	21.21	-20.65			63.685	68.085	0.405	
22.5	13.34	-12.27			61.22	65.62	0.29	
23	2.92	-1.69			58.835	63.235	0.25	
23.5	1.52	-0.48			56.4025	60.8025	0.155	
24	0.09	1.04			54.065	58.465	0.195	
24.5	-3.69	4.9			51.2925	55.6925	0.205	
25	-5.22	6.04			48.81	53.21	0.225	
25.5	-2.33	3.34			46.5425	50.9425	0.13	
26	6.57	-5.57			44.91	49.31	0.1	
26.5	11.94	-11.14			42.525	46.925	0.13	
27	9.47	-8.27			39.625	44.025	0.175	
27.5	6.29	-5.66			37.395	41.795	0.21	
28	7.1	-5.63			34.6475	39.0475	0.245	
28.5	5.21	-4.18			31.9625	36.3625	0.265	
29	1.7	-0.7			28.9375	33.3375	0.325	
29.5	-0.12	0.83			26.82	31.22	0.355	
30	7.37	-6.37			24.0175	28.4175	0.38	
30.5	4.46	-3.27			20.7325	25.1325	0.275	
31	-0.73	1.54			18.0475	22.4475	0.205	
31.5	0.47	0.9			15.8775	20.2775	0.215	
32	5.22	-4.36			13.705	18.105	0.285	
32.5	7.73	-6.45			11.1575	15.5575	0.255	
33	10.93	-9.82			8.755	13.155	0.27	

测项名称:	测斜	天气:				点号:	CX19	备注:是否重取初始管形填写0或1(0:否; 1:是)
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0	
深度	A0	A180	B0	B180	管形位移量 (改正前) (mm)	管形位移量 (改正后) (mm)	本次变化量(mm)	
0					0	1.3	0	
0.5	-17.37	17.97			0.495	1.795	-0.03	
1	-8.8	9.04			1.6025	2.9025	0.05	
1.5	-1.44	1.35			2.76	4.06	0.06	
2	5.97	-4.67			3.655	4.955	0.07	
2.5	8.88	-8.03			4.5625	5.8625	0.04	
3	3.13	-2.88			6.18	7.48	0.1	
3.5	-8	7.74			7.765	9.065	0.105	
4	-14.78	15.68			9.6525	10.9525	0.145	
4.5	-13.42	12.9			11.8	13.1	0.22	
5	-10.39	11.33			14.415	15.715	0.21	
5.5	-3.91	4.77			16.29	17.59	0.33	
6	2.08	-1.28			18.5875	19.8875	0.31	
6.5	0.32	-0.31			20.7675	22.0675	0.37	
7	-1.25	3.06			22.91	24.21	0.32	
7.5	2.94	-1.84			25.49	26.79	0.25	
8	6.46	-6.19			27.6625	28.9625	0.285	
8.5	1.11	-1.12			30.005	31.305	0.275	
9	-3.2	3.54			32.1075	33.4075	0.25	
9.5	-3.61	4.71			34.525	35.825	0.345	
10	-3.95	5.27			37.3425	38.6425	0.345	
10.5	-4.73	6.22			39.505	40.805	0.43	
11	-13.71	14.58			40.915	42.215	0.46	
11.5	-17.6	17.65			43.305	44.605	0.415	
12	2.67	-2.23			46.7625	48.0625	0.47	
12.5	15.87	-15.33			48.0025	49.3025	0.43	
13	8.23	-7.34			48.6975	49.9975	0.475	
13.5	6.22	-5.47			50.195	51.495	0.46	
14	3.6	-3.03			51.6975	52.9975	0.39	
14.5	-1.43	1.91			52.8575	54.1575	0.42	
15	-9.94	9.31			54.0575	55.3575	0.41	
15.5	-8.3	9.25			56.7325	58.0325	0.37	
16	-2.02	2			58.3125	59.6125	0.455	
16.5	-4.28	5.88			59.17	60.47	0.45	
17	-9.56	11.09			60.3525	61.6525	0.47	
17.5	-7.28	7.11			62.7475	64.0475	0.42	
18	10.62	-10.15			64.39	65.69	0.34	
18.5	10.07	-9.34			64.4475	65.7475	0.31	
19	6.47	-5.15			64.725	66.025	0.3	
19.5	9.59	-9.16			65.0625	66.3625	0.295	
20	16.96	-17.12			64.635	65.935	0.285	
20.5	11.97	-10.89			63.1725	64.4725	0.3	
21	-1.8	2.94			62.2025	63.5025	0.25	
21.5	-2.56	2.92			60.8475	62.1475	0.29	
22	2.03	-1.46			59.6725	60.9725	0.23	
22.5	1.41	-1.45			56.53	57.83	0.165	
23	-9.33	9.94			54.4625	55.7625	0.105	
23.5	-1.06	1.81			52.93	54.23	0.055	
24	10.19	-9.74			51.385	52.685	0.045	
24.5	7.76	-7.46			48.2175	49.5175	0.03	
25	-2.69	2.82			45.2225	46.5225	0.085	
25.5	-0.95	1.31			44.085	45.385	0.14	
26	8.6	-9.15			42.07	43.37	0.22	
26.5	0.61	-0.18			38.945	40.245	0.255	
27	-9.59	10.23			36.665	37.965	0.235	
27.5	-4.08	3.8			35.4525	36.7525	0.25	
28	4.2	-3.9			33.2625	34.5625	0.29	
28.5	6.16	-5.61			30.965	32.265	0.245	
29	-0.34	0.72			28.2	29.5	0.34	
29.5	1.38	-0.24			26.51	27.81	0.295	
30	10.54	-9.86			24.9525	26.2525	0.205	
30.5	5.59	-6.11			20.855	22.155	0.135	
31	-4.02	4.13			18.295	19.595	0.16	
31.5	-0.81	0.55			16.0375	17.3375	0.145	
32	2.9	-1.59			13.2075	14.5075	0.045	
32.5	1.07	-0.49			10.725	12.025	0.05	
33	-0.18	-0.27			8.5075	9.8075	0.05	
33.5	8.94	-7.84			7.8925	9.1925	0.04	

测项名称:	测斜	天气:			点号:	CX20	
观测时间:	2026-7-7 10:31	观测设备:			是否重取初始管形:	0	
深度	A0	A180	B0	B180	管形位移量（改正前）(mm)	管形位移量（改正后）(mm)	本次变化量(mm)
0					0	4.3	0.4
0.5	24.21	-22.55			1.4575	5.7575	0.445
1	33.11	-31.69			2.695	6.995	0.435
1.5	34.57	-34.04			3.56	7.86	0.485
2	16.75	-16.02			4.2525	8.5525	0.395
2.5	-11.37	11.9			5.6	9.9	0.46
3	-7.11	8.18			6.9175	11.2175	0.485
3.5	-5.8	6.89			8.2725	12.5725	0.395
4	-10.62	11.33			10.0075	14.3075	0.48
4.5	-8.05	9.03			11.5275	15.8275	0.475
5	-0.09	1.08			13.2675	17.5675	0.415
5.5	7.26	-6.24			15.425	19.725	0.48
6	5.97	-5.3			16.8925	21.1925	0.445
6.5	-4.72	5.85			18.505	22.805	0.4
7	-6.85	7.52			20.47	24.77	0.405
7.5	-1.06	2.07			22.5075	26.8075	0.4
8	1.75	-0.52			24.49	28.79	0.42
8.5	1.39	-0.02			26.5725	30.8725	0.52
9	0.06	0.85			28.59	32.89	0.47
9.5	2.39	-1.33			30.63	34.93	0.51
10	5.8	-4.29			32.46	36.76	0.525
10.5	-3.32	3.97			33.8625	38.1625	0.43
11	-6	7.05			35.405	39.705	0.38
11.5	-4.96	5.76			36.56	40.86	0.415
12	1.08	0.05			37.7125	42.0125	0.375
12.5	0.61	-0.08			38.38	42.68	0.4
13	1.5	-0.4			39.0675	43.3675	0.365
13.5	4.66	-3.59			39.7675	44.0675	0.345
14	9.43	-8.05			39.945	44.245	0.32
14.5	-0.25	1.61			40.24	44.54	0.21
15	-6.39	7.23			40.86	45.16	0.23
15.5	-10.92	11.85			41.41	45.71	0.27
16	-18.99	19.31			41.9475	46.2475	0.19
16.5	-16.88	18.12			43.0425	47.3425	0.125
17	-2.91	3.6			44.9425	49.2425	0.13
17.5	10.64	-10.24			46.32	50.62	0.125
18	11	-10.26			46.6225	50.9225	0.095
18.5	2.28	-1.58			47.2225	51.5225	0.135
19	-0.88	2.01			48.045	52.345	0.11
19.5	-1.97	3.13			48.505	52.805	0.12
20	-1.35	2.42			48.9	53.2	0.07
20.5	2.96	-1.91			49.5225	53.8225	0.01
21	7.28	-6.14			49.515	53.815	0.035
21.5	8.19	-6.91			49.38	53.68	0.015
22	7.16	-6.06			48.8025	53.1025	0.035
22.5	1.59	-0.48			47.82	52.12	-0.035
23	-0.66	1.61			47.145	51.445	-0.035
23.5	0.41	0.28			45.93	50.23	-0.065
24	-1.27	2.32			44.4375	48.7375	-0.075
24.5	-2.62	3.35			43.675	47.975	-0.065
25	6.79	-5.57			42.95	47.25	-0.075
25.5	8.5	-7.53			41.53	45.83	-0.04
26	8.67	-7.73			40.4975	44.7975	-0.05
26.5	6.25	-5.55			38.73	43.03	-0.045
27	2.09	-0.93			36.5525	40.8525	-0.06
27.5	-1.66	2.48			34.5025	38.8025	0.04
28	-0.32	1.06			33.0475	37.3475	0.05
28.5	3.67	-2.81			31.3425	35.6425	0.055
29	4.15	-3.24			29.125	33.425	0.05
29.5	3.38	-2.22			27.625	31.925	0.005
30	7.84	-6.66			26.185	30.485	-0.045
30.5	7.24	-6.71			23.4625	27.7625	-0.135
31	1.12	0.08			20.82	25.12	-0.225
31.5	2.67	-1.72			19.215	23.515	-0.25
32	8.77	-8.23			16.885	21.185	-0.33
32.5	8.22	-6.89			14.5625	18.8625	-0.25
33	8.27	-7.42			12.1725	16.4725	-0.255
33.5	1.45	-0.82			9.16	13.46	-0.195

备注:是否重取初始管形填写0或1(0:否; 1:是)

测项名称:	测斜	天气:				点号:	CX21
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0
深度	A0	A180	B0	B180	管形位移量（改正前）(mm)	管形位移量（改正后）(mm)	本次变化量(mm)
0					0	2	0.3
0.5	12.54	-11.08			1.145	3.145	0.365
1	6.65	-5.51			3.2675	5.2675	0.31
1.5	6.71	-6.65			5.0775	7.0775	0.345
2	9.1	-8.85			6.8625	8.8625	0.41
2.5	6.81	-5.4			8.1775	10.1775	0.315
3	2.28	-1.41			9.5575	11.5575	0.37
3.5	-0.21	1.92			11.3975	13.3975	0.33
4	1.88	-1.04			13.2175	15.2175	0.375
4.5	0.66	-0.25			15.59	17.59	0.335
5	-2.21	3.43			18.0725	20.0725	0.315
5.5	-2.38	3.78			20.325	22.325	0.225
6	1.2	-0.16			22.7	24.7	0.275
6.5	2.01	-1.45			24.8375	26.8375	0.265
7	-1.16	3.02			26.5825	28.5825	0.235
7.5	-2.28	3.53			28.9725	30.9725	0.275
8	1.49	-1.01			30.35	32.35	0.23
8.5	0.63	1.27			31.505	33.505	0.2
9	-2.64	3.22			32.9475	34.9475	0.21
9.5	-4.08	4.45			34.8175	36.8175	0.23
10	-7.08	8.52			36.225	38.225	0.235
10.5	-9.24	10.56			37.79	39.79	0.21
11	-4.11	5.51			40.135	42.135	0.115
11.5	-0.12	1.64			41.8375	43.8375	0.05
12	1.09	0.3			43.9	45.9	0.06
12.5	3.13	-1.74			46.2325	48.2325	0.055
13	3.81	-3.33			48.395	50.395	0.03
13.5	2.8	-1.34			50.185	52.185	0.035
14	6.29	-5.49			52.665	54.665	0.05
14.5	5.22	-4.5			54.35	56.35	0.065
15	1.66	-0.58			55.5375	57.5375	0.03
15.5	-4.49	5.53			57.2575	59.2575	0.09
16	-6.78	7.64			58.3125	60.3125	0.07
16.5	-5.51	7.06			59.7225	61.7225	0.115
17	-4.19	5.49			61.6425	63.6425	0.09
17.5	-1.39	1.51			62.6775	64.6775	0.06
18	-2.76	3.45			64.0425	66.0425	0.065
18.5	-1.81	3.12			64.0625	66.0625	0.06
19	-10.37	10.71			64.525	66.525	0.05
19.5	-9.96	10.72			65.925	67.925	-0.01
20	-2.65	3.4			66.8975	68.8975	-0.105
20.5	1.27	-0.2			67.485	69.485	-0.015
21	21.6	-20.35			68.26	70.26	-0.075
21.5	14.32	-14.38			66.635	68.635	-0.005
22	-1.25	2.6			65.365	67.365	-0.01
22.5	-7.41	7.83			64.2725	66.2725	-0.06
23	-4.27	5.25			63.0025	65.0025	-0.05
23.5	6.49	-5.64			62.5575	64.5575	-0.16
24	12.92	-12.83			60.94	62.94	-0.185
24.5	9.96	-8.42			58.5825	60.5825	-0.15
25	1.84	-0.53			56.475	58.475	-0.135
25.5	0.76	0.18			54.535	56.535	-0.225
26	1.32	-0.3			52.7825	54.7825	-0.23
26.5	-0.69	1.06			51.2975	53.2975	-0.235
27	-2.71	3.4			49.7325	51.7325	-0.155
27.5	0.75	0.09			48.9775	50.9775	-0.2
28	5.17	-3.21			47.4175	49.4175	-0.235
28.5	5.98	-4.75			45.185	47.185	-0.215
29	4.81	-4.51			43.715	45.715	-0.22
29.5	5.75	-4.45			41.71	43.71	-0.275
30	7.18	-5.96			40.2475	42.2475	-0.29
30.5	7.18	-6.82			38.46	40.46	-0.205
31	7.03	-5.67			36.2375	38.2375	-0.265
31.5	6.38	-5.34			34.16	36.16	-0.315
32	5.96	-5.02			31.7075	33.7075	-0.31
32.5	1.36	0.02			29.4775	31.4775	-0.27
33	-1.63	1.71			26.8825	28.8825	-0.27
33.5	0.47	0.53			23.91	25.91	-0.26
34	1.54	-0.25			21.54	23.54	-0.195
34.5	1.65	-0.44			18.2375	20.2375	-0.24
35	1.97	-1.01			15.9575	17.9575	-0.22
35.5	5.5	-5.12			13.4125	15.4125	-0.255
36	11.8	-10.68			11.865	13.865	-0.295
36.5	17.91	-16.49			9.355	11.355	-0.345
37	15.97	-15.32			7.37	9.37	-0.305

测项名称:	测斜	天气:				点号:	CX22
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0
深度	A0	A180	B0	B180	管形位移量（改正前）(mm)	管形位移量（改正后）(mm)	本次变化量(mm)
0					0	3.6	0.5
0.5	4.7	-3.8			1.4825	5.0825	0.505
1	5.82	-4.85			2.7475	6.3475	0.395
1.5	1.49	-1.01			4.3075	7.9075	0.385
2	-3.32	4.21			5.695	9.295	0.37
2.5	-3.53	4.43			6.9475	10.5475	0.375
3	-2.39	3.22			8.1175	11.7175	0.35
3.5	-1.16	1.83			9.755	13.355	0.45
4	4.82	-4.42			11.2275	14.8275	0.38
4.5	9.2	-8.56			12.7775	16.3775	0.34
5	-1.91	2.07			14.2575	17.8575	0.445
5.5	-11.68	12.09			15.9	19.5	0.465
6	5.84	-4.99			18.555	22.155	0.515
6.5	21.23	-20.91			19.9375	23.5375	0.51
7	22.44	-21.48			20.7725	24.3725	0.445
7.5	15.06	-14.53			21.3625	24.9625	0.47
8	1.49	-0.46			22.2325	25.8325	0.47
8.5	-6.95	8.13			23.665	27.265	0.42
9	-10.53	11.69			25.4425	29.0425	0.44
9.5	-16.56	17.34			27.33	30.93	0.425
10	-24.76	25.39			29.835	33.435	0.36
10.5	-4.52	5.69			33.04	36.64	0.31
11	5.56	-4.45			35.57	39.17	0.275
11.5	7.43	-6.43			37.985	41.585	0.285
12	6.78	-6.21			40.17	43.77	0.265
12.5	5.56	-4.64			42.0725	45.6725	0.365
13	0.89	-0.06			43.935	47.535	0.465
13.5	-8.09	8.73			45.6125	49.2125	0.51
14	-6.79	7.18			47.705	51.305	0.56
14.5	-2.61	3.34			49.5025	53.1025	0.575
15	-3.24	3.94			51.18	54.78	0.635
15.5	-5.26	5.77			52.8	56.4	0.73
16	-6.22	7.4			54.545	58.145	0.835
16.5	-6.36	6.68			56.0175	59.6175	0.79
17	-0.37	1.6			57.475	61.075	0.705
17.5	-1.6	2.22			58.445	62.045	0.635
18	7.12	-6.23			59.915	63.515	0.605
18.5	9.67	-8.69			60.8325	64.4325	0.565
19	9.21	-8.25			61.3175	64.9175	0.575
19.5	6.51	-5.37			61.355	64.955	0.42
20	5.91	-4.73			61.67	65.27	0.415
20.5	3.82	-2.74			61.6125	65.2125	0.345
21	2.25	-1.85			61.4375	65.0375	0.32
21.5	0.82	-0.1			60.8475	64.4475	0.31
22	-1.06	2.26			60.21	63.81	0.355
22.5	-3.62	4.64			60.1025	63.7025	0.395
23	3.38	-2.52			59.6525	63.2525	0.35
23.5	4.31	-3.36			58.5	62.1	0.33
24	-0.84	1.54			57.0025	60.6025	0.29
24.5	-2.47	3.02			56.23	59.83	0.345
25	-1.19	1.64			54.5975	58.1975	0.345
25.5	-6.91	7.06			53.5575	57.1575	0.355
26	-0.82	1.45			52.2225	55.8225	0.295
26.5	2.18	-1.15			51.3325	54.9325	0.24
27	6.62	-6.09			50.025	53.625	0.235
27.5	5.53	-4.77			47.89	51.49	0.155
28	0.23	0.72			46.1325	49.7325	0.15
28.5	-1.45	2.42			44.435	48.035	0.16
29	-1.55	2.54			42.8325	46.4325	0.12
29.5	1.45	-0.61			42.3125	45.9125	0.09
30	7.21	-6.21			39.4925	43.0925	0.045
30.5	-2.47	3.32			36.995	40.595	0.105
31	-1.6	2.09			35.17	38.77	0.075
31.5	0.61	0.37			33.2	36.8	0.065
32	0.51	0.35			30.735	34.335	0.07
32.5	1.82	-0.91			28.6225	32.2225	0.015
33	2.47	-1.74			26.24	29.84	0
33.5	4.43	-3.49			24.13	27.73	0
34	6.46	-5.7			21.3675	24.9675	-0.02
34.5	4.26	-3.03			18.8	22.4	0.07
35	6.32	-5.78			15.945	19.545	0.045
35.5	2.4	-1.38			12.8425	16.4425	0.07
36	0.95	0			9.9425	13.5425	0.08
36.5	-0.62	1.39			7.09	10.69	0.065
37	-1.29	2.3			4.1975	7.7975	0.08

测项名称:	测斜	天气:				点号:	CX23-1
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0
深度	A0	A180	B0	B180	管形位移量（改正前）(mm)	管形位移量（改正后）(mm)	本次变化量(mm)
0					0	3.4	0.3
0.5	-5.11	5.76			1.1925	4.5925	0.325
1	-0.1	0.49			2.08	5.48	0.28
1.5	-0.09	0.78			3.65	7.05	0.325
2	4.3	-3.29			4.6725	8.0725	0.345
2.5	4.91	-4.17			5.8825	9.2825	0.455
3	5.38	-4.57			7.25	10.65	0.43
3.5	7.31	-6.12			8.7475	12.1475	0.36
4	8.43	-7.72			10.45	13.85	0.365
4.5	9.96	-9.41			11.7325	15.1325	0.255
5	2.55	-1.7			13.79	17.19	0.305
5.5	2.37	-1.33			15.855	19.255	0.385
6	1.99	-1.17			17.79	21.19	0.405
6.5	1.09	-0.56			19.8625	23.2625	0.43
7	3.65	-3.13			22.25	25.65	0.485
7.5	5.28	-4.57			24.135	27.535	0.47
8	-4.55	5.02			26.6075	30.0075	0.46
8.5	-10.99	11.65			28.2925	31.6925	0.445
9	-17.82	18.42			30.385	33.785	0.395
9.5	-12.29	13.3			33.515	36.915	0.48
10	7.64	-6.58			36.715	40.115	0.445
10.5	19.34	-18.87			39.435	42.835	0.43
11	11.79	-10.87			41.47	44.87	0.36
11.5	6.93	-6.18			43.455	46.855	0.39
12	2.45	-1.48			45.66	49.06	0.335
12.5	1.45	-0.49			47.2825	50.6825	0.35
13	-3.97	5.14			48.9475	52.3475	0.435
13.5	-5.39	6.55			51.2	54.6	0.5
14	0.83	0.3			52.7175	56.1175	0.55
14.5	-6.24	7.15			53.555	56.955	0.535
15	-12.13	13.38			54.535	57.935	0.575
15.5	-11.55	12.64			55.385	58.785	0.475
16	-12.92	14.07			56.2025	59.6025	0.42
16.5	-15.91	16.79			57.0575	60.4575	0.4
17	-9.41	10.36			57.59	60.99	0.305
17.5	-0.25	1.02			57.6825	61.0825	0.335
18	0.41	0.93			57.6775	61.0775	0.27
18.5	1.27	-0.19			57.41	60.81	0.115
19	-0.29	1.21			57.1875	60.5875	0.115
19.5	3.99	-2.87			57.3475	60.7475	0.05
20	12.8	-12.21			56.715	60.115	0.055
20.5	17.69	-16.37			55.245	58.645	0.02
21	10.88	-9.92			53.8025	57.2025	-0.03
21.5	6.55	-6.1			52.2225	55.6225	0.04
22	2.66	-1.75			50.2725	53.6725	0.03
22.5	-2.38	3.27			48.1825	51.5825	-0.07
23	-1.25	2.13			46.845	50.245	-0.045
23.5	10.92	-10.25			45.3625	48.7625	0.01
24	10.68	-9.7			43.4225	46.8225	0.025
24.5	4.95	-4.3			40.5725	43.9725	0.025
25	2.57	-1.25			38.215	41.615	0.015
25.5	0.41	0.51			35.63	39.03	0.105
26	-3.15	3.89			33.235	36.635	0.075
26.5	-5.51	6.53			31.9025	35.3025	0.04
27	-1.14	1.96			31.01	34.41	0.105
27.5	6.12	-5.68			29.9675	33.3675	0.165
28	5.25	-4.36			28.65	32.05	0.235
28.5	5.16	-4.44			26.7775	30.1775	0.22
29	2.53	-1.5			25.0175	28.4175	0.275
29.5	-2.01	3.05			23.155	26.555	0.18
30	-0.08	0.28			22.4375	25.8375	0.19
30.5	2.79	-1.72			20.56	23.96	0.245
31	-2.2	3.2			19.16	22.56	0.335
31.5	3.58	-2.69			18.33	21.73	0.315
32	7.6	-6.53			16.5625	19.9625	0.285
32.5	5.45	-4.7			14.25	17.65	0.235
33	0.53	0.11			12.675	16.075	0.21
33.5	3.18	-2.14			12.115	15.515	0.185
34	3.39	-2.63			10.225	13.625	0.18
34.5	-1.45	2.53			8.7225	12.1225	0.26
35	-1.62	2.51			7.4325	10.8325	0.29
35.5	-0.65	1.58			6.07	9.47	0.245
36	2.19	-1.38			4.9175	8.3175	0.235
36.5	2.68	-1.63			3.3475	6.7475	0.32
37	3.74	-2.75			2.585	5.985	0.37

测项名称:	测斜	天气:				点号:	CX24	备注:是否重取初始管形填写0或1(0:否; 1:是)
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0	
深度	A0	A180	B0	B180	管形位移量 (改正前) (mm)	管形位移量 (改正后) (mm)	本次变化量(mm)	
0					0	3.3	0.3	
0.5	10.99	-10.26			0.81	4.11	0.305	
1	6.08	-5.82			1.775	5.075	0.23	
1.5	6.98	-5.56			2.87	6.17	0.145	
2	1.82	-0.87			3.83	7.13	0.12	
2.5	-3.65	4.41			4.8175	8.1175	0.055	
3	-5.61	6.54			6.0725	9.3725	0.105	
3.5	-7.53	8.7			7.0325	10.3325	0.065	
4	-2.93	3.59			8.435	11.735	0.03	
4.5	1.49	-0.41			10	13.3	0.04	
5	8.38	-8.02			11.8875	15.1875	0.07	
5.5	14.61	-13.98			13.7075	17.0075	0.08	
6	10.32	-9.18			15.39	18.69	0.085	
6.5	9.39	-8.82			16.8325	20.1325	-0.01	
7	10.63	-9.75			18.4725	21.7725	-0.04	
7.5	8.29	-7.92			20.3375	23.6375	-0.09	
8	5.73	-5.03			21.8325	25.1325	-0.03	
8.5	-4.03	4.76			23.1825	26.4825	-0.08	
9	-16.43	17.61			25.105	28.405	-0.045	
9.5	-30.28	31.57			27.4375	30.7375	-0.085	
10	-18.25	18.81			31.2725	34.5725	0.015	
10.5	-5.05	5.72			34.705	38.005	-0.02	
11	4.52	-3.81			37.94	41.24	0.05	
11.5	11.17	-10.21			40.865	44.165	0.015	
12	13.32	-12.58			43.6775	46.9775	0.09	
12.5	11.86	-11.04			46.1225	49.4225	0.065	
13	6.62	-5.75			48.455	51.755	0.155	
13.5	0.57	-0.06			50.2075	53.5075	0.13	
14	-6.58	7.29			51.81	55.11	0.085	
14.5	-7.47	8.47			53.8325	57.1325	0.12	
15	-4.98	6.06			55.6625	58.9625	0.145	
15.5	-2.72	3.72			57.425	60.725	0.185	
16	0.69	-0.07			59.0825	62.3825	0.205	
16.5	4.35	-3.9			60.34	63.64	0.22	
17	4.83	-3.57			61.38	64.68	0.225	
17.5	1.59	-0.64			61.8875	65.1875	0.17	
18	4.68	-4.07			63.34	66.64	0.265	
18.5	9.81	-8.93			64.21	67.51	0.365	
19	12.51	-12.07			64.805	68.105	0.385	
19.5	12.24	-11.29			64.6975	67.9975	0.41	
20	8.5	-7.66			64.4825	67.7825	0.295	
20.5	4	-2.99			63.6975	66.9975	0.335	
21	-1.13	1.88			63.41	66.71	0.35	
21.5	2.28	-1.78			62.8425	66.1425	0.33	
22	3.24	-2.32			61.9625	65.2625	0.235	
22.5	2.77	-2.01			60.76	64.06	0.17	
23	-1.29	1.84			59.1375	62.4375	0.17	
23.5	-1.53	2.63			57.9125	61.2125	0.145	
24	1.93	-0.8			57.08	60.38	0.17	
24.5	3.12	-2.35			55.73	59.03	0.175	
25	0.56	0.09			54.105	57.405	0.215	
25.5	-2.75	3.37			52.2025	55.5025	0.25	
26	-0.91	1.59			50.9825	54.2825	0.36	
26.5	2.44	-1.9			49.335	52.635	0.365	
27	4.97	-4.31			47.6275	50.9275	0.35	
27.5	6.62	-6.24			45.6975	48.9975	0.32	
28	4.37	-3.67			43.24	46.54	0.365	
28.5	1.41	-0.92			41.3025	44.6025	0.435	
29	2.77	-1.83			39.3525	42.6525	0.545	
29.5	0.12	0.9			37.3475	40.6475	0.575	
30	2.45	-2.13			35.5475	38.8475	0.605	
30.5	2.74	-1.85			33.385	36.685	0.56	
31	3.54	-2.54			31.305	34.605	0.53	
31.5	3.16	-2.35			29.5425	32.8425	0.615	
32	8.46	-7.73			27.515	30.815	0.62	
32.5	7.67	-6.67			24.635	27.935	0.525	
33	1.68	-1.16			21.6875	24.9875	0.615	
33.5	-2.96	3.77			19.5975	22.8975	0.69	
34	1.81	-0.98			18.09	21.39	0.625	
34.5	7.83	-7.22			16.2525	19.5525	0.705	
35	9.8	-8.96			13.2	16.5	0.69	
35.5	5.34	-4.38			10.425	13.725	0.675	
36	3.95	-3.52			7.6625	10.9625	0.6	

测项名称:	测斜	天气:				点号:	CX25
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0
深度	A0	A180	B0	B180	管形位移量 (改正前) (mm)	管形位移量 (改正后) (mm)	本次变化量(mm)
0					0	3.6	0.2
0.5	-10.19	12.2			2.73	6.33	0.15
1	-13.37	14.56			5.59	9.19	0.15
1.5	-13.62	14.36			8.195	11.795	0.03
2	-12.99	13.11			11.33	14.93	-0.035
2.5	-11.33	12.33			14.8	18.4	-0.05
3	-9.61	11.07			17.96	21.56	-0.065
3.5	-8.14	9.02			20.34	23.94	-0.155
4	-8.04	8.56			22.71	26.31	-0.15
4.5	-7.54	8.45			24.365	27.965	-0.185
5	-6.91	8.17			25.115	28.715	-0.26
5.5	-7.57	8.35			25.795	29.395	-0.215
6	-7.5	8.87			26.625	30.225	-0.315
6.5	-9.52	10.59			29.83	33.43	-0.335
7	-7.81	9.4			31.98	35.58	-0.395
7.5	-7.07	8.62			33.81	37.41	-0.37
8	-6.41	8			35.135	38.735	-0.325
8.5	-6.9	7.95			36.475	40.075	-0.405
9	-7.31	8.19			39.64	43.24	-0.42
9.5	-6.49	7.82			42.95	46.55	-0.39
10	-6.19	7.69			45.485	49.085	-0.34
10.5	-6.92	7.43			47.945	51.545	-0.31
11	-6.12	7.14			49.555	53.155	-0.25
11.5	-6.29	7.06			50.68	54.28	-0.235
12	-6.28	7.77			51.56	55.16	-0.105
12.5	-6.98	9.1			53.325	56.925	-0.045
13	-11.54	12.74			56.935	60.535	-0.075
13.5	-11.43	11.55			60.405	64.005	-0.005
14	-9.62	9.64			63.19	66.79	0.025
14.5	-6.34	7.75			64.43	68.03	0.05
15	-4.94	6.17			65.175	68.775	0.075
15.5	-2.89	4.65			65.35	68.95	0.02
16	-2.16	3.25			65.48	69.08	-0.05
16.5	-1.16	2.4			64.685	68.285	-0.08
17	-6.3	6.63			66.365	69.965	-0.035
17.5	-5.68	6.23			67.625	71.225	-0.04
18	-4.94	5.1			68.18	71.78	-0.115
18.5	-4.13	5.21			68.425	72.025	-0.115
19	-4.15	4.33			68.015	71.615	-0.03
19.5	-3.13	4.49			66.915	70.515	-0.035
20	-3.64	4.18			66.05	69.65	-0.105
20.5	-4.16	4.5			65.945	69.545	-0.03
21	0.67	0.34			64.81	68.41	-0.105
21.5	-0.71	1.85			63.77	67.37	-0.11
22	-0.86	1.7			61.86	65.46	-0.09
22.5	0.1	1.47			59.36	62.96	-0.08
23	0.07	1.3			56.67	60.27	-0.2
23.5	0.16	1.94			54.085	57.685	-0.15
24	-2.03	3.88			52.58	56.18	-0.12
24.5	-2.46	4.07			50.845	54.445	-0.17
25	0.99	-0.79			48.525	52.125	-0.08
25.5	0.54	-0.37			46.565	50.165	-0.025
26	2.22	-0.84			43.61	47.21	0.05
26.5	2.43	-1.09			40.94	44.54	0.07
27	1.49	0.46			39.675	43.275	0.1
27.5	0.3	0.69			38.175	41.775	0.135
28	-0.02	0.34			36.315	39.915	0.225
28.5	0.63	0.53			33.855	37.455	0.28
29	-0.94	2.7			31.965	35.565	0.22
29.5	0.49	1.27			28.89	32.49	0.185
30	-0.41	1.64			26.89	30.49	0.225
30.5	-1.82	1.68			25.705	29.305	0.23
31	-0.1	1.79			23.87	27.47	0.31
31.5	-0.98	2.03			22.625	26.225	0.335
32	-1.21	1.77			20.985	24.585	0.29
32.5	-0.36	0.69			18.64	22.24	0.18
33	4.41	-2.05			14.5	18.1	0.2
33.5	1.71	-0.92			12.29	15.89	0.195
34	1.34	-0.83			10.625	14.225	0.19
34.5	1.3	-0.47			9.605	13.205	0.125
35	1.05	-0.65			9.18	12.78	0.08
35.5	1.66	-1.12			8.815	12.415	0.185
36	3.63	-1.08			7.895	11.495	0.13
36.5	1.84	-2.09			7.425	11.025	0.13
37	2	-1.33			7.415	11.015	0.09
37.5	1.57	-0.44			7.46	11.06	0.135
38	0.31	-0.2			6.925	10.525	0.105
38.5	-0.25	0.45			6.055	9.655	0.17
39	-1.51	1.21			5.715	9.315	0.085
39.5	-2	2.37			5.845	9.445	0.06
40	0.74	2.28			4.385	7.985	-0.005
40.5	-1.77	3.41			3.305	6.905	-0.055
41	-3.51	6.01			3.375	6.975	-0.05
41.5	-3.75	5.13			3.225	6.825	-0.065
42	-2.47	3.89			1.79	5.39	-0.095
42.5	-2.39	4.75			0.7	4.3	-5.9508E-14
43	-2.7	5.17			-0.38	3.22	-0.025
43.5	-2.73	3.9			-0.62	2.98	0.035

测项名称:	测斜	天气:				点号:	CX26	备注:是否重取初始管形填写0或1(0:否; 1:是)
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0	
深度	A0	A180	B0	B180	管形位移量 (改正前) (mm)	管形位移量 (改正后) (mm)	本次变化量(mm)	
0					0	4.8	0.1	
0.5	2.76	-2.43			1.335	6.135	0.095	
1	-3.74	4.8			2.8325	7.6325	0.11	
1.5	-6.19	7.2			4.2975	9.0975	0.16	
2	0.9	-0.08			5.805	10.605	0.195	
2.5	-2.5	3.16			7.5275	12.3275	0.19	
3	-1.26	2.42			9.835	14.635	0.295	
3.5	5.87	-5.55			12.07	16.87	0.45	
4	14.4	-13.58			14.34	19.14	0.395	
4.5	4.96	-4.01			16.32	21.12	0.37	
5	-9.19	10.29			18.4125	23.2125	0.305	
5.5	-8.4	8.9			21.6225	26.4225	0.335	
6	7.97	-7.41			24.785	29.585	0.445	
6.5	7.51	-6.8			27.3725	32.1725	0.4	
7	0.45	0.5			30.1	34.9	0.415	
7.5	3.87	-3.21			33.0125	37.8125	0.34	
8	1.57	-0.9			35.805	40.605	0.345	
8.5	-9	9.33			38.6525	43.4525	0.31	
9	-14.65	16.03			41.74	46.54	0.25	
9.5	-12.05	13.32			44.8175	49.6175	0.235	
10	-7.43	8.44			48.1625	52.9625	0.245	
10.5	-0.54	1.52			51.0875	55.8875	0.205	
11	2.46	-1.52			53.9525	58.7525	0.235	
11.5	5.08	-4.08			56.35	61.15	0.235	
12	7.92	-7.11			58.565	63.365	0.135	
12.5	2.52	-1.57			60.3675	65.1675	0.155	
13	-0.41	1.43			61.8275	66.6275	0.17	
13.5	-5.36	6.58			63.2525	68.0525	0.105	
14	-2.64	3.27			64.925	69.725	0.06	
14.5	0.99	0			65.91	70.71	0.135	
15	-0.88	1.72			66.745	71.545	0.065	
15.5	-3.91	4.87			67.51	72.31	0.1	
16	-7.81	8.89			68.19	72.99	0.125	
16.5	-6.86	7.87			69.66	74.46	0.15	
17	-3.32	4.16			71.0625	75.8625	0.215	
17.5	2.92	-1.78			72.3325	77.1325	0.16	
18	8.83	-8.02			73.2175	78.0175	0.125	
18.5	8.67	-7.8			73.7525	78.5525	0.16	
19	7.18	-6.44			73.935	78.735	0.165	
19.5	4.94	-4.42			73.5725	78.3725	0.135	
20	1.67	-1.03			72.4475	77.2475	0.095	
20.5	-1.98	2.81			71.4	76.2	0.11	
21	-0.9	1.78			70.5075	75.3075	0.105	
21.5	2.64	-1.97			69.5575	74.3575	0.06	
22	3.29	-2.63			67.6425	72.4425	0.1	
22.5	6.59	-5.84			65.6825	70.4825	0.075	
23	7.5	-6.78			62.785	67.585	0.01	
23.5	2.3	-1.25			59.64	64.44	0.085	
24	-0.44	1.22			56.5825	61.3825	0.045	
24.5	3.61	-2.81			53.64	58.44	0.06	
25	6.2	-5.3			50.39	55.19	-0.02	
25.5	5.69	-4.76			47.42	52.22	0.02	
26	5.19	-4.72			43.975	48.775	0.055	
26.5	4.24	-3.34			40.72	45.52	0.055	
27	4.81	-3.82			37.445	42.245	0.04	
27.5	6.69	-5.71			34.2025	39.0025	-0.01	
28	6.59	-5.57			30.895	35.695	-0.03	
28.5	5.69	-4.85			27.6125	32.4125	0.04	
29	2.81	-1.67			24.1425	28.9425	0.02	
29.5	3.82	-2.91			21.87	26.67	0.04	
30	10.57	-10.03			18.4775	23.2775	0.06	
30.5	8.49	-7.83			14.76	19.56	0.105	
31	6.15	-5.23			11.1775	15.9775	0.055	
31.5	5.39	-4.37			7.7025	12.5025	0.14	
32	6.25	-5.47			4.2475	9.0475	0.165	
32.5	4.8	-3.86			0.33	5.13	0.22	
33	2.83	-1.8			-3.195	1.605	0.22	

测项名称:	测斜	天气:				点号:	CX27	备注:是否重取初始管形填写0或1(0:否; 1:是)
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0	
深度	A0	A180	B0	B180	管形位移量 (改正前) (mm)	管形位移量 (改正后) (mm)	本次变化量(mm)	
0					0	5.2	-0.4	
0.5	-3.08	4.04			2.23	7.43	-0.36	
1	6.31	-5.26			4.2125	9.4125	-0.265	
1.5	8.7	-7.61			6.06	11.26	-0.24	
2	7.25	-6.5			7.875	13.075	-0.28	
2.5	-0.09	0.26			9.7	14.9	-0.205	
3	-3.61	4.26			11.41	16.61	-0.25	
3.5	-5.54	6.02			13.2725	18.4725	-0.28	
4	-8.42	9.05			15.2725	20.4725	-0.3	
4.5	-9.34	9.95			17.555	22.755	-0.36	
5	-1.15	2.25			20.175	25.375	-0.34	
5.5	5.77	-4.87			22.935	28.135	-0.37	
6	8.56	-7.63			25.4425	30.6425	-0.38	
6.5	6.75	-5.58			28.165	33.365	-0.435	
7	8.56	-7.98			30.99	36.19	-0.49	
7.5	13.27	-12.37			33.6075	38.8075	-0.565	
8	8.32	-7.5			35.845	41.045	-0.52	
8.5	-5.36	6.85			37.7825	42.9825	-0.44	
9	-16.71	17.96			40.5125	45.7125	-0.38	
9.5	-17.75	18.58			43.66	48.86	-0.355	
10	-4.02	4.39			47.395	52.595	-0.33	
10.5	18.22	-17.58			50.6425	55.8425	-0.285	
11	9.72	-9.19			52.2325	57.4325	-0.265	
11.5	0.94	-0.19			54.635	59.835	-0.235	
12	-2.57	3.49			56.7875	61.9875	-0.24	
12.5	-8.93	9.91			58.8625	64.0625	-0.19	
13	-6.13	6.49			61.2675	66.4675	-0.27	
13.5	1.01	-0.42			62.965	68.165	-0.24	
14	2.05	-1.11			65.065	70.265	-0.16	
14.5	5.66	-4.67			66.7375	71.9375	-0.12	
15	-1.03	2.11			67.57	72.77	-0.09	
15.5	-14.11	15.21			68.64	73.84	-0.035	
16	-11.18	12.38			70.485	75.685	-0.075	
16.5	4.11	-3.65			71.3275	76.5275	-0.06	
17	0.16	0.11			71.085	76.285	-0.16	
17.5	-8.28	9.08			71.4675	76.6675	-0.165	
18	-0.4	0.86			72.53	77.73	-0.195	
18.5	8.96	-7.94			73.0275	78.2275	-0.235	
19	15.18	-14.34			73.1975	78.3975	-0.165	
19.5	9.52	-8.91			72.2225	77.4225	-0.18	
20	1.19	-0.44			71.23	76.43	-0.09	
20.5	-4.46	5.63			69.91	75.11	-0.105	
21	-7.99	8.62			68.75	73.95	-0.095	
21.5	-4.38	5.32			68.155	73.355	-0.1	
22	8.23	-7.9			66.8925	72.0925	-0.16	
22.5	15.96	-15.26			64.9425	70.1425	-0.17	
23	12.11	-11.25			62.0775	67.2775	-0.115	
23.5	1.49	-0.91			59.3575	64.5575	-0.145	
24	7.25	-6.14			57.2575	62.4575	-0.165	
24.5	5.86	-4.66			54.085	59.285	-0.16	
25	-0.46	1.03			51.7125	56.9125	-0.19	
25.5	3.5	-2.63			49.72	54.92	-0.225	
26	5.89	-5.11			46.8425	52.0425	-0.22	
26.5	1.22	-0.45			43.955	49.155	-0.3	
27	-1.12	2.11			41.885	47.085	-0.355	
27.5	7.56	-6.71			39.6775	44.8775	-0.41	
28	6.17	-5.47			36.645	41.845	-0.41	
28.5	4.44	-3.62			33.77	38.97	-0.4	
29	-0.08	1.08			30.56	35.76	-0.37	
29.5	-0.64	1.64			28.185	33.385	-0.265	
30	11.47	-11.17			25.1875	30.3875	-0.29	
30.5	10.67	-9.57			21.485	26.685	-0.22	
31	7.25	-6.41			18.0375	23.2375	-0.155	
31.5	4.88	-4.48			14.505	19.705	-0.14	
32	3.97	-2.92			10.76	15.96	-0.045	
32.5	0.19	0.83			7.265	12.465	0.01	
33	0.76	0.09			4.22	9.42	-0.01	
33.5	4	-3.49			1.2425	6.4425	-0.005	

测项名称:	测斜	天气:				点号:	CX28	备注:是否重取初始管形填写0或1(0:否; 1:是)
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0	
深度	A0	A180	B0	B180	管形位移量 (改正前) (mm)	管形位移量 (改正后) (mm)	本次变化量(mm)	
0					0	4.3	-0.2	
0.5	10.31	-9.3			2.415	6.715	-0.23	
1	8.52	-7.85			4.8375	9.1375	-0.25	
1.5	8.08	-7.39			7.5225	11.8225	-0.265	
2	8.57	-7.84			9.9375	14.2375	-0.335	
2.5	2.09	-1.2			12.215	16.515	-0.34	
3	-5.81	6.72			14.33	18.63	-0.325	
3.5	-15.55	15.76			16.6175	20.9175	-0.31	
4	-10.21	11.27			19.09	23.39	-0.29	
4.5	-3.95	4.97			21.645	25.945	-0.205	
5	-2.21	2.63			23.7875	28.0875	-0.21	
5.5	1.71	-0.87			25.9775	30.2775	-0.275	
6	4.31	-3.85			28.1825	32.4825	-0.225	
6.5	6.03	-5.13			30.075	34.375	-0.165	
7	4.96	-4.44			31.7125	36.0125	-0.16	
7.5	4.35	-3.46			33.42	37.72	-0.155	
8	2.6	-1.85			34.8625	39.1625	-0.23	
8.5	-3.26	4.19			36.4225	40.7225	-0.275	
9	-7.46	8.1			37.99	42.29	-0.195	
9.5	-11.07	12.17			39.55	43.85	-0.245	
10	-8.98	9.41			41.4975	45.7975	-0.245	
10.5	3.89	-3.16			43.9425	48.2425	-0.215	
11	18.81	-18.18			46.0525	50.3525	-0.245	
11.5	17.08	-16.17			47.195	51.495	-0.24	
12	2.96	-2.4			48.275	52.575	-0.255	
12.5	-7.25	7.74			49.605	53.905	-0.205	
13	-9.21	9.62			50.9925	55.2925	-0.235	
13.5	-3.58	4.49			52.6075	56.9075	-0.17	
14	5.26	-4.55			53.9275	58.2275	-0.22	
14.5	3.21	-2.35			54.5275	58.8275	-0.195	
15	-2.63	3.63			55.2475	59.5475	-0.17	
15.5	-7.96	8.73			55.8825	60.1825	-0.115	
16	-11.52	12.54			57.045	61.345	-0.1	
16.5	-7.71	8.37			58.26	62.56	-0.065	
17	-3.77	4.65			59.58	63.88	-0.05	
17.5	2.16	-1.39			61.2775	65.5775	0.035	
18	8.66	-7.77			62.1975	66.4975	0.065	
18.5	8.74	-8.01			62.7275	67.0275	0.12	
19	6.54	-5.77			63.1075	67.4075	0.19	
19.5	6.43	-5.56			63.3125	67.6125	0.21	
20	4.07	-3.12			63.1475	67.4475	0.225	
20.5	-0.21	1.37			62.6525	66.9525	0.245	
21	-2.86	3.63			62.135	66.435	0.18	
21.5	-4.07	4.78			61.3275	65.6275	0.125	
22	4.85	-4.23			60.4075	64.7075	0.125	
22.5	5.91	-5.25			58.5825	62.8825	0.06	
23	3.75	-2.98			56.6375	60.9375	0.1	
23.5	1.73	-0.84			54.52	58.82	0.125	
24	-1.06	1.77			52.265	56.565	0.055	
24.5	-2.29	3.09			49.975	54.275	-0.04	
25	-1.84	2.7			47.8	52.1	0.025	
25.5	-0.16	0.9			45.8575	50.1575	0.01	
26	7.27	-6.44			44.21	48.51	0.055	
26.5	6.82	-5.72			41.495	45.795	0.015	
27	3.77	-3.19			38.855	43.155	0.055	
27.5	-0.26	1.24			36.045	40.345	0.105	
28	-3.76	4.47			33.33	37.63	0.065	
28.5	-4.29	4.8			31.045	35.345	0.175	
29	-2.68	3.7			29.0225	33.3225	0.245	
29.5	0.75	-0.48			27.385	31.685	0.24	
30	8.58	-7.85			24.83	29.13	0.33	
30.5	9.32	-8.87			22.1225	26.4225	0.3	
31	6.88	-6.33			19.0425	23.3425	0.35	
31.5	5.37	-4.6			16.2825	20.5825	0.37	
32	5.76	-4.82			13.3975	17.6975	0.4	
32.5	2.9	-2.1			10.06	14.36	0.47	
33	-0.9	1.43			6.48	10.78	0.485	

测项名称:	测斜	天气:				点号:	CX29	备注:是否重取初始管形填写0或1(0:否; 1:是)
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0	
深度	A0	A180	B0	B180	管形位移量 (改正前) (mm)	管形位移量 (改正后) (mm)	本次变化量(mm)	
0					0	5.1	0.3	
0.5	22.89	-21.52			2.2875	7.3875	0.26	
1	23.19	-24.58			3.82	8.92	0.31	
1.5	24.66	-22.38			5.7225	10.8225	0.29	
2	20.65	-19.54			8.035	13.135	0.265	
2.5	10.75	-9.3			10.505	15.605	0.25	
3	5.44	-3.66			13.24	18.34	0.26	
3.5	-2.25	3.93			16.0225	21.1225	0.27	
4	-13.66	15.24			18.69	23.79	0.165	
4.5	-20.48	21.99			21.91	27.01	0.23	
5	-19.78	21.59			24.485	29.585	0.22	
5.5	-7.44	9.55			27.7475	32.8475	0.225	
6	13.09	-11.02			30.645	35.745	0.18	
6.5	16.59	-15.32			33.2275	38.3275	0.205	
7	13.92	-12.5			35.8575	40.9575	0.27	
7.5	13.99	-12.79			38.25	43.35	0.185	
8	-6.2	7.35			40.3125	45.4125	0.13	
8.5	-32.81	34.53			42.5325	47.6325	0.045	
9	-35.75	37.5			45.58	50.68	0.075	
9.5	-5.96	7.63			49.2	54.3	0	
10	23.76	-22.42			52.52	57.62	0	
10.5	32.84	-31.1			55.375	60.475	-0.07	
11	26.85	-24.74			58.2275	63.3275	-0.08	
11.5	9.99	-7.75			60.79	65.89	-0.04	
12	-21.41	23.32			62.98	68.08	0	
12.5	-33.02	33.89			65.0175	70.1175	-0.09	
13	-1.88	2.74			66.33	71.43	-0.105	
13.5	7.15	-5.21			67.2625	72.3625	-0.155	
14	10.4	-8.93			68.1475	73.2475	-0.115	
14.5	11.8	-10.55			68.795	73.895	-0.07	
15	12.06	-10.76			69.3225	74.4225	0.025	
15.5	4.39	-2.84			69.995	75.095	0.11	
16	-10.06	11.64			70.195	75.295	0.08	
16.5	-25.61	27.61			71.05	76.15	0.045	
17	-3.16	4			72.515	77.615	0.045	
17.5	11.48	-9.65			73.37	78.47	0.1	
18	15.26	-14.17			73.2275	78.3275	-0.005	
18.5	9.05	-7.76			72.68	77.78	0.01	
19	2.44	-1.12			72.08	77.18	0.03	
19.5	-8.69	9.79			71.4525	76.5525	0.045	
20	-18.61	19.82			70.7975	75.8975	0.06	
20.5	-20.84	22.05			70.0975	75.1975	0.05	
21	-9.59	11.35			69.755	74.855	0.09	
21.5	6.92	-5.77			68.935	74.035	0.095	
22	16.43	-14.42			67.7	72.8	0.165	
22.5	23.24	-22.11			66.04	71.14	0.105	
23	19.93	-18.36			63.965	69.065	0.155	
23.5	9.39	-8.1			61.2575	66.3575	0.19	
24	-10.46	11.59			58.1625	63.2625	0.235	
24.5	-24.32	25.69			55.9225	61.0225	0.235	
25	-13.27	14.8			54.0575	59.1575	0.195	
25.5	-0.86	2.31			51.7075	56.8075	0.06	
26	6.96	-5.45			49.905	55.005	-0.005	
26.5	16.46	-14.81			47.7425	52.8425	-0.05	
27	17.39	-16.22			45.035	50.135	-0.11	
27.5	9.63	-8.13			41.3075	46.4075	-0.11	
28	-14.03	15.17			37.89	42.99	-0.15	
28.5	-13.53	15.36			36	41.1	-0.11	
29	0.33	1.13			33.8775	38.9775	-0.105	
29.5	11.93	-10.2			31.555	36.655	-0.015	
30	17.62	-15.83			29.245	34.345	-0.13	
30.5	18.33	-17.21			26.2725	31.3725	-0.11	
31	12.78	-11.27			23.1925	28.2925	-0.095	
31.5	4.81	-3.37			20.05	25.15	-0.04	
32	-2.7	4.07			17.1275	22.2275	-0.04	
32.5	-7.22	8.29			14.0775	19.1775	0.025	
33	-9.26	11.7			12.1825	17.2825	0.11	
33.5	13.8	-12.98			10.0375	15.1375	0.19	

测项名称:	测斜	天气:				点号:	CX30	备注:是否重取初始管形填写0或1(0:否; 1:是)
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0	
深度	A0	A180	B0	B180	管形位移量 (改正前) (mm)	管形位移量 (改正后) (mm)	本次变化量(mm)	
0					0	1.4	0	
0.5	19.47	-18.72			1.745	3.145	0.055	
1	19.31	-18.41			3.4625	4.8625	0.05	
1.5	16.86	-15.9			5.525	6.925	0.165	
2	10.03	-9.39			7.11	8.51	0.2	
2.5	-2.79	3.75			8.95	10.35	0.325	
3	-4.78	5.6			10.7625	12.1625	0.395	
3.5	-4.27	4.76			12.8	14.2	0.495	
4	-0.31	1.5			15.14	16.54	0.61	
4.5	-3.3	4.45			17.445	18.845	0.65	
5	2.9	-2.06			19.51	20.91	0.62	
5.5	6.31	-5.54			21.735	23.135	0.55	
6	3.72	-2.9			23.61	25.01	0.445	
6.5	1.99	-0.99			25.58	26.98	0.395	
7	4.24	-3.61			27.535	28.935	0.4	
7.5	2.56	-1.54			29.2625	30.6625	0.32	
8	-0.16	0.76			31.1425	32.5425	0.28	
8.5	-3.57	4.99			33.195	34.595	0.275	
9	-4.84	5.55			35.4275	36.8275	0.32	
9.5	-3.92	5.09			37.6575	39.0575	0.3	
10	0.74	0.48			40.5575	41.9575	0.335	
10.5	8.93	-8.23			43.1375	44.5375	0.385	
11	8.19	-7.5			45.2025	46.6025	0.35	
11.5	-4.21	4.89			46.7675	48.1675	0.365	
12	-18.25	18.53			48.7	50.1	0.35	
12.5	-17.79	18.85			50.8525	52.2525	0.33	
13	-9.86	11.06			52.9825	54.3825	0.355	
13.5	-8.1	9.02			54.6	56	0.28	
14	-2.92	4.33			56.7275	58.1275	0.295	
14.5	5.72	-4.87			58.6825	60.0825	0.21	
15	11.66	-10.71			60.225	61.625	0.19	
15.5	9.25	-8.47			61.4975	62.8975	0.16	
16	4.04	-3.16			62.505	63.905	0.055	
16.5	1.82	-0.82			63.595	64.995	-0.01	
17	2.79	-1.54			64.94	66.34	0.005	
17.5	3.28	-2.2			66.0975	67.4975	0.04	
18	4.95	-3.95			67.23	68.63	0.015	
18.5	8.45	-7.27			68.24	69.64	-0.03	
19	10.75	-9.87			68.7525	70.1525	0	
19.5	7.77	-6.5			68.8275	70.2275	-0.02	
20	3.97	-2.82			68.46	69.86	-0.005	
20.5	7.64	-7.01			67.8025	69.2025	0.05	
21	9.91	-8.68			66.7	68.1	0.02	
21.5	6.19	-5.57			65.3025	66.7025	0.1	
22	-4.16	4.79			62.7575	64.1575	0.015	
22.5	-12.87	13.79			60.18	61.58	0.07	
23	-17.05	18.37			57.9225	59.3225	0.065	
23.5	-21.27	22.28			54.6675	56.0675	-0.03	
24	-29.22	30.42			52.355	53.755	-0.06	
24.5	-25.44	26.06			50.22	51.62	-0.135	
25	-20.17	20.9			48.2525	49.6525	-0.125	
25.5	-10.58	10.81			46.145	47.545	-0.015	
26	3.64	-2.15			44.785	46.185	-0.035	
26.5	16.98	-15.84			43.6975	45.0975	-0.045	
27	30.48	-29.37			41.65	43.05	-0.08	
27.5	34.82	-35.42			39.585	40.985	-0.03	
28	30.37	-29.29			36.87	38.27	-0.045	
28.5	16.2	-15.16			33.6225	35.0225	0.015	
29	4.85	-4.27			30.415	31.815	0.03	
29.5	-3.83	4.88			27.8125	29.2125	0.135	
30	-5.58	5.53			25.2675	26.6675	0.2	
30.5	-7.3	8.52			22.7375	24.1375	0.265	
31	-5.97	6.93			21.0025	22.4025	0.2	
31.5	4.65	-4.32			20.2875	21.6875	0.24	
32	15.68	-15.06			18.63	20.03	0.255	
32.5	19.96	-19.08			16.235	17.635	0.17	
33	22.41	-21.6			14.415	15.815	0.18	

测项名称:	测斜	天气:				点号:	CX31	备注:是否重取初始管形填写0或1(0:否; 1:是)
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0	
深度	A0	A180	B0	B180	管形位移量 (改正前) (mm)	管形位移量 (改正后) (mm)	本次变化量(mm)	
0					0	4	0.2	
0.5	14.1	-13.04			0.215	4.215	0.12	
1	15.57	-15			0.2275	4.2275	0.115	
1.5	11.63	-10.66			0.385	4.385	0.165	
2	6.9	-5.88			0.2925	4.2925	0.2	
2.5	1.14	-0.14			0.2125	4.2125	0.165	
3	-0.84	1.75			0.06	4.06	0.075	
3.5	-3.06	4.03			0.205	4.205	0.135	
4	-4.46	5.25			0.36	4.36	0.225	
4.5	-2.04	2.96			0.5525	4.5525	0.295	
5	10.03	-9			0.805	4.805	0.29	
5.5	17.88	-17.25			0.9925	4.9925	0.355	
6	11.3	-10.83			0.675	4.675	0.345	
6.5	5.67	-4.91			0.7	4.7	0.305	
7	0.76	-0.21			0.8425	4.8425	0.215	
7.5	-0.76	1.35			1.0825	5.0825	0.21	
8	-3.7	4.13			1.545	5.545	0.14	
8.5	-4.75	5.61			2.2225	6.2225	0.075	
9	-7.27	8.52			3.07	7.07	0.045	
9.5	-1.63	3.02			4.4125	8.4125	0.055	
10	4.44	-3.54			6.3925	10.3925	-0.005	
10.5	9.33	-8.1			8.475	12.475	0.055	
11	4.41	-3.65			10.2625	14.2625	-0.01	
11.5	0.79	-0.02			12.62	16.62	0.035	
12	0.54	0.31			15.205	19.205	0.125	
12.5	1.33	-0.15			17.79	21.79	0.145	
13	2.17	-1.27			20.235	24.235	0.04	
13.5	3.42	-2.56			22.79	26.79	-0.03	
14	1.93	-0.91			25.4925	29.4925	0.015	
14.5	1.92	-0.79			28.0225	32.0225	-0.08	
15	-1.67	2.55			30.0775	34.0775	-0.02	
15.5	-11.14	11.88			32.05	36.05	-0.055	
16	-17.27	18.08			34.275	38.275	-0.02	
16.5	-12.44	13.13			37.0575	41.0575	-0.03	
17	0.71	0.23			40.14	44.14	-0.07	
17.5	9.48	-8.64			42.5425	46.5425	-0.08	
18	8.92	-8.19			44.545	48.545	-0.17	
18.5	7.89	-7.08			46.4675	50.4675	-0.195	
19	5.62	-4.42			48.08	52.08	-0.23	
19.5	4.94	-3.93			49.5425	53.5425	-0.18	
20	3.91	-3.58			50.875	54.875	-0.185	
20.5	6.53	-5.58			51.765	55.765	-0.115	
21	5.15	-4.02			51.9275	55.9275	-0.15	
21.5	3.34	-2.59			51.87	55.87	-0.15	
22	4.45	-3.85			51.495	55.495	-0.18	
22.5	5.03	-3.79			50.61	54.61	-0.16	
23	4.57	-3.47			48.8975	52.8975	-0.165	
23.5	0.69	0.2			47.225	51.225	-0.095	
24	0.09	1			45.5075	49.5075	-0.125	
24.5	1.37	-0.26			43.5275	47.5275	-0.095	
25	1.09	0.02			41.565	45.565	-0.14	
25.5	1.71	-0.56			39.605	43.605	-0.265	
26	4.84	-4.06			37.9175	41.9175	-0.315	
26.5	3.74	-2.98			35.5375	39.5375	-0.32	
27	-1.25	2.01			32.9825	36.9825	-0.28	
27.5	-3.06	3.99			30.6925	34.6925	-0.25	
28	-4.89	5.89			28.075	32.075	-0.27	
28.5	-4.74	5.96			25.7025	29.7025	-0.205	
29	-0.34	1.52			23.77	27.77	-0.3	
29.5	7.89	-6.76			21.5425	25.5425	-0.315	
30	10.64	-9.44			18.9075	22.9075	-0.255	
30.5	9.23	-8.18			15.94	19.94	-0.22	
31	3.78	-2.81			12.7175	16.7175	-0.185	
31.5	-0.41	1.26			10.055	14.055	-0.135	
32	1.78	-1.16			7.705	11.705	-0.145	
32.5	5.71	-4.59			5.0375	9.0375	-0.215	
33	8.36	-7.56			2.2825	6.2825	-0.21	

测项名称:	测斜	天气:				点号:	CX32	备注:是否重取初始管形填写0或1(0:否; 1:是)
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0	
深度	A0	A180	B0	B180	管形位移量 (改正前) (mm)	管形位移量 (改正后) (mm)	本次变化量(mm)	
0					0	0.7	0.4	
0.5	27.14	-25.68			-0.8625	-0.1625	0.365	
1	23.53	-22.64			-1.0825	-0.3825	0.42	
1.5	23.83	-22.74			-1.51	-0.81	0.38	
2	17.52	-16.09			-1.865	-1.165	0.4	
2.5	8.98	-7.91			-2.5025	-1.8025	0.31	
3	4.35	-3.45			-3.015	-2.315	0.3	
3.5	1.71	-1.08			-3.225	-2.525	0.29	
4	-2.25	3.31			-3.5225	-2.8225	0.325	
4.5	-7.54	8.79			-4.135	-3.435	0.305	
5	-10.56	11.56			-4.42	-3.72	0.265	
5.5	-7	8.03			-4.7175	-4.0175	0.26	
6	-2.7	3.67			-4.9475	-4.2475	0.25	
6.5	2.07	-0.8			-5	-4.3	0.27	
7	4.49	-3.55			-4.9525	-4.2525	0.235	
7.5	6.81	-5.71			-4.8875	-4.1875	0.31	
8	6.31	-5.36			-4.9325	-4.2325	0.265	
8.5	-0.94	1.89			-4.715	-4.015	0.22	
9	-10.68	11.84			-4.08	-3.38	0.275	
9.5	-10.08	11.17			-2.5475	-1.8475	0.32	
10	3.29	-2.6			0.5125	1.2125	0.325	
10.5	21.2	-20.42			3.015	3.715	0.325	
11	13.79	-12.85			4.6325	5.3325	0.28	
11.5	-2.86	3.46			6.655	7.355	0.225	
12	-7.59	8.63			9.2425	9.9425	0.23	
12.5	-2.52	3.59			12.6575	13.3575	0.11	
13	7.76	-6.54			15.88	16.58	0.07	
13.5	9.65	-8.42			18.4775	19.1775	0.075	
14	3.84	-3.05			21.1675	21.8675	0.03	
14.5	0.75	0.18			24.0725	24.7725	0.065	
15	-0.94	1.85			26.82	27.52	0.01	
15.5	-4.04	5.38			29.3275	30.0275	0.02	
16	-11.97	12.48			31.2425	31.9425	0.125	
16.5	-12.79	13.56			34.4075	35.1075	0.125	
17	-3.9	4.51			37.3825	38.0825	0.095	
17.5	4.5	-3.62			39.9125	40.6125	0.08	
18	7.68	-6.35			42.0525	42.7525	0.07	
18.5	7.95	-7.35			44.01	44.71	0.12	
19	6.19	-5.05			45.2475	45.9475	0.12	
19.5	-1.34	2.83			45.9275	46.6275	0.05	
20	-6.21	6.62			47.155	47.855	0.055	
20.5	8.64	-7.29			48.465	49.165	0.07	
21	10.43	-9.77			48.1175	48.8175	0.035	
21.5	6.1	-5.4			48.145	48.845	0.035	
22	3.78	-2.45			47.1225	47.8225	0.035	
22.5	4.14	-3.02			46.385	47.085	0.045	
23	5.21	-3.88			45.375	46.075	0.03	
23.5	4	-3.1			44.085	44.785	-0.09	
24	0.39	0.23			42.34	43.04	-0.195	
24.5	-1.06	1.94			41.3875	42.0875	-0.215	
25	1.93	-0.79			40.26	40.96	-0.115	
25.5	4.37	-3.72			38.715	39.415	-0.165	
26	2.84	-1.99			37.1325	37.8325	-0.19	
26.5	2.11	-1.51			35.3625	36.0625	-0.175	
27	-0.54	1.24			33.6775	34.3775	-0.105	
27.5	0.21	0.7			32.1825	32.8825	-0.105	
28	1.24	-0.49			30.3225	31.0225	-0.08	
28.5	-3.83	4.79			28.335	29.035	-0.085	
29	-2.78	3.93			27.0425	27.7425	-0.02	
29.5	6.25	-4.9			26.4975	27.1975	-0.065	
30	16.41	-15.41			25.07	25.77	-0.085	
30.5	16.27	-15.33			23.135	23.835	-0.08	
31	11.07	-9.83			20.9075	21.6075	-0.045	
31.5	6.28	-4.98			18.6175	19.3175	-0.06	
32	3.61	-2.53			16.8575	17.5575	-0.12	
32.5	5.06	-4.2			15.7475	16.4475	-0.055	
33	9.35	-8.21			14.3525	15.0525	-0.12	

测项名称:	测斜	天气:				点号:	CX33	备注:是否重取初始管形填写0或1(0:否; 1:是)
观测时间:	2026-7-7 10:31	观测设备:				是否重取初始管形:	0	
深度	A0	A180	B0	B180	管形位移量 (改正前) (mm)	管形位移量 (改正后) (mm)	本次变化量(mm)	
0					0	0.4	0	
0.5	7.76	-7.08			0.2975	0.6975	-0.015	
1	7.9	-7.41			0.6525	1.0525	-0.035	
1.5	14.62	-13.78			0.3075	0.7075	-0.105	
2	6.2	-5.12			0.6375	1.0375	0.005	
2.5	1.45	-0.44			0.955	1.355	0.05	
3	3.94	-3.05			1.18	1.58	0.135	
3.5	5.21	-4.3			1.36	1.76	0.22	
4	3.42	-2.47			1.4775	1.8775	0.21	
4.5	1.91	-0.71			1.6	2	0.105	
5	3.41	-2.68			2.0075	2.4075	0.11	
5.5	9.07	-8.01			2.19	2.59	0.13	
6	12.05	-10.96			2.1675	2.5675	0.05	
6.5	9.68	-8.25			2.4425	2.8425	0.015	
7	9.86	-9.14			2.5425	2.9425	0.04	
7.5	10.3	-9.63			2.4425	2.8425	-0.02	
8	9.7	-8.75			2.3125	2.7125	-0.015	
8.5	3.67	-2.57			2.215	2.615	0.05	
9	-4.66	5.4			2.3625	2.7625	0.055	
9.5	-8.01	9.16			2.38	2.78	0.04	
10	-5.85	6.4			3.025	3.425	0.075	
10.5	7.6	-6.53			3.32	3.72	0.07	
11	11.51	-11.11			3.5075	3.9075	0.09	
11.5	13.06	-12.03			3.7	4.1	0.155	
12	11.02	-10.03			3.92	4.32	0.17	
12.5	5.03	-3.98			3.61	4.01	0.14	
13	-2.5	3.51			3.9225	4.3225	0.05	
13.5	-1.53	2.32			4.3425	4.7425	-0.03	
14	1.65	-1.1			5.2325	5.6325	-0.005	
14.5	8.41	-8.14			5.2	5.6	0.01	
15	8.66	-7.7			5.2225	5.6225	3.19744E-14	
15.5	7.05	-6.52			5.445	5.845	0.04	
16	0.31	0.39			5.2925	5.6925	-0.02	
16.5	-8.42	9.39			5.5275	5.9275	0.03	
17	-4.93	5.71			6.955	7.355	-0.015	
17.5	0.32	0.29			8.0775	8.4775	-0.05	
18	3.21	-2.38			9.0175	9.4175	-0.005	
18.5	7.85	-6.98			9.8125	10.2125	-0.09	
19	11.07	-10.33			10.29	10.69	-0.17	
19.5	11.02	-10.57			10.6575	11.0575	-0.11	
20	4.87	-3.79			10.29	10.69	-0.17	
20.5	-3.29	4.15			10.6125	11.0125	-0.1	
21	-3.53	4.29			11.46	11.86	-0.075	
21.5	1.95	-1.31			12.4825	12.8825	-0.115	
22	7.04	-6.12			12.755	13.155	-0.15	
22.5	6.63	-6.27			13.0075	13.4075	-0.195	
23	8.6	-8.03			13.0175	13.4175	-0.195	
23.5	7.27	-6.68			12.53	12.93	-0.165	
24	3.52	-2.45			12.2225	12.6225	-0.235	
24.5	2.54	-1.67			11.86	12.26	-0.225	
25	5.04	-4.48			11.465	11.865	-0.26	
25.5	3.07	-2.02			11.465	11.865	-0.305	
26	5.98	-5.56			10.98	11.38	-0.27	
26.5	4.75	-3.91			10.62	11.02	-0.265	
27	2.17	-1.25			10.065	10.465	-0.225	
27.5	1.97	-0.71			9.4825	9.8825	-0.275	
28	0.55	0.08			8.7375	9.1375	-0.28	
28.5	-4.58	5.42			7.7875	8.1875	-0.22	
29	-3.95	4.72			7.6425	8.0425	-0.255	
29.5	1.6	-0.49			7.5875	7.9875	-0.195	
30	9.61	-8.72			7.6875	8.0875	-0.105	
30.5	13.62	-12.76			7.3575	7.7575	-0.07	
31	17.25	-16.4			6.865	7.265	-0.07	
31.5	14.41	-13.77			5.3525	5.7525	-0.065	
32	3.77	-2.77			4.01	4.41	0.04	
32.5	-1.56	1.89			3.345	3.745	0.065	
33	-0.77	1.45			2.3725	2.7725	0.11	
33.5	-1.56	2.34			1.66	2.06	0.1	