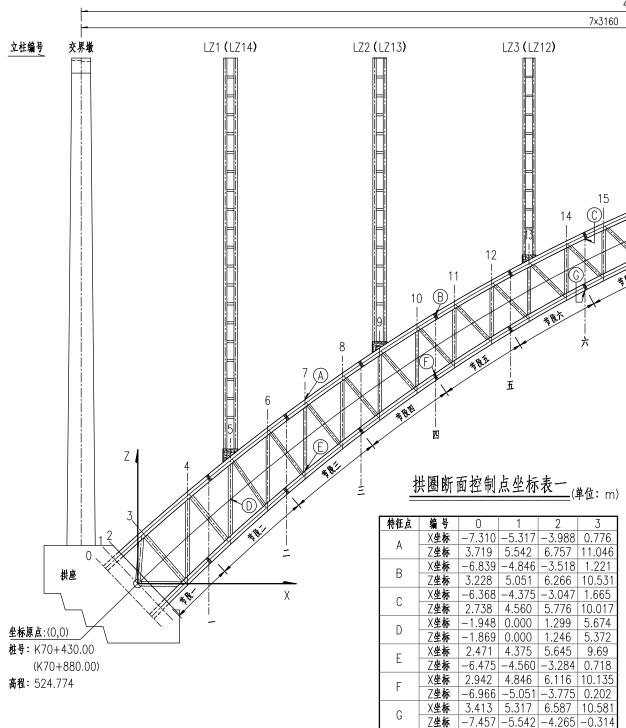




LZ4 (LZ11)



LZ6 (LZ9)

LZ7 (LZ8)

十三

拱圈断面特征点示意图

节段十四

31 32 | <u>|</u> **主桥中心线** | K70+655.00

合拢段/2

十四

- 1. 本图尺寸除高程、里程桩号以米计外,余均以厘米计。
- 2. 表中特征点坐标值均未计入预拱度值,施工放样时, 应计入各点预拱度值。
- 3. 拱肋加工放样时,首先以给定坐标确定坚腹杆或斜腹杆位置, 再根据竖腹杆或斜腹杆确定上、下平联及风撑等的位置。

LZ5 (LZ10)

- 4. 图中拱圈断面控制点D为控制线与理论拱轴线的交点。
- 5. 拱圈断面控制点除拱脚位置。其余均和竖腹杆中心线重合。
- 6. 节段拼接断面控制线和节段接头位置线重合。
- 7. 图中括号内数据适用于罗甸侧, 括号外数据适用于平塘侧, 本图只给出平塘侧控制点坐标, 罗甸侧与之相同。

拱圈接头控制点坐标表_(单位: m)

X坐标	載面	_	-	Ξ	四	五	六	t	Λ	九	<u> </u> +	+-	<u> </u>	十三	十四
Z坐标		15.05	31.45	47.25	63.05	78.85	94.65	110.45	126.25	142.05	157.85	173.65	189.45	205.25	224.6
	Α	23.236	36.054	47.246	57.342	66.380	74.393	81.414	87.470	92.584	96.779	100.072	102.476	104.000	104.679
ىد ا	В	22.356	35.207	46.426	56.547	65.607	73.641	80.678	86.748	91.875	96.081	99.381	101.790	103.318	103.999
特	С	21.476	34.358	45.605	55.752	64.834	72.887	79.942	86.027	91.167	95.382	98.690	101.105	102.637	103.319
征	D	13.862	27.583	39.511	50.229	59.792	68.246	75.634	81.993	87.354	91.745	95.188	97.698	99.290	99.999
点	E	5.863	20.533	33.215	44.560	54.644	63.529	71.273	77.923	83.519	88.095	91.678	94.289	95.943	96.679
An	F	4.927	19.641	32.361	43.738	53.851	62.761	70.526	77.194	82.805	87.392	90.985	93.603	95.261	95.999
	G	3.991	18.748	31.505	42.917	53.056	61.992	69.778	76.464	82.090	86.690	90.292	92.916	94.579	95.319

<u>拱圈断面控制点坐标表二(单位: m)</u>

X坐标	截	面	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Z坐标			10.5	19.6	27.5	35.4	43.3	51.2	59.1	67.0	74.9	82.8	90.7	98.6	106.5	114.4	122.3	130.2	138.1	146.0	153.9	161.8	169.7	177.6	185.5	193.4	201.3	209.2	216.3	223.4	225.0
	A	١	19.456	26.917	33.081	38.958	44.552	49.871	54.919	59.699	64.218	68.478	72.484	76.240	79.750	83.017	86.045	88.836	91.393	93.719	95.816	97.687	99.332	100.755	101.957	102.939	103.701	104.245	104.548	104.675	104.680
μ,	В	}	18.567	26.048	32.226	38.117	43.726	49.058	54.118	58.911	63.440	67.710	71.726	75.492	79.010	82.285	85.320	88.118	90.681	93.013	95.115	96.990	98.640	100.066	101.271	102.254	103.019	103.564	103.867	103.995	104.000
符	С)																		92.306											
征	D)	9.800	17.808	24.405	30.681	36.644	42.301	47.660	52.726	57.506	62.007	66.233	70.191	73.884	77.318	80.498	83.425	86.106	88.542	90.737	92.694	94.415	95.902	97.158	98.183	98.978	99.546	99.862	99.995	100.000
占	E		1.507	10.093	17.143	23.833	30.173	36.174	41.845	47.197	52.237	56.975	61.417	65.571	69.442	73.036	76.361	79.419	82.217	84.758	87.045	89.083	90.874	92.421	93.726	94.791	95.618	96.208	96.537	96.675	96.680
AN	F	•	0.558	9.169	16.242	22.951	29.309	35.327	41.016	46.383	51.438	56.188	60.643	64.808	68.690	72.294	75.627	78.694	81.499	84.046	86.340	88.383	90.179	91.730	93.038	94.106	94.936	95.527	95.856	95.995	96.000
	G	; .	-0.392	8.246	15.338	22.068	28.446	34.481	40.185	45.568	50.637	55.401	59.868	64.044	67.937	71.551	74.894	77.969	80.781	83.335	85.635	87.683	89.484	91.039	92.351	93.421	94.253	94.846	95.176	95.315	95.320

1/2 拱圈立面 平塘 47400/2 3160/2 7×3160 立柱编号 LZ1 LZ2 LZ3 LZ5 LZ7 31 32 主桥中心线 ____合龙段/2 节段十四 拱圈断面特征点示意图 **──** 上弦 上弦 (A)---B)-拱圈断面控制点放样坐标表一 (单位: m)

特征点 编号 0 1 2 3 A X坐标 -6.839 -4.846 -3.518 1.221 Z坐标 3.228 5.051 6.266 10.533 X坐标 -1.948 0.000 1.299 5.674 Z坐标 -1.869 0.000 1.246 5.374 C X坐标 2.942 4.846 6.116 10.135

 B
 大空标
 -1.948
 0.000
 1.299
 3.674

 Z坐标
 -1.869
 0.000
 1.246
 5.374

 C
 X坐标
 2.942
 4.846
 6.116
 10.135

 Z坐标
 -6.966
 -5.051
 -3.775
 0.203

 養機度
 上弦
 0.000
 0.000
 0.000
 0.000

 T弦
 0.000
 0.000
 0.000
 0.000

坐标原点:(0,0) 桩号: K70+430.00 高程: 524.774

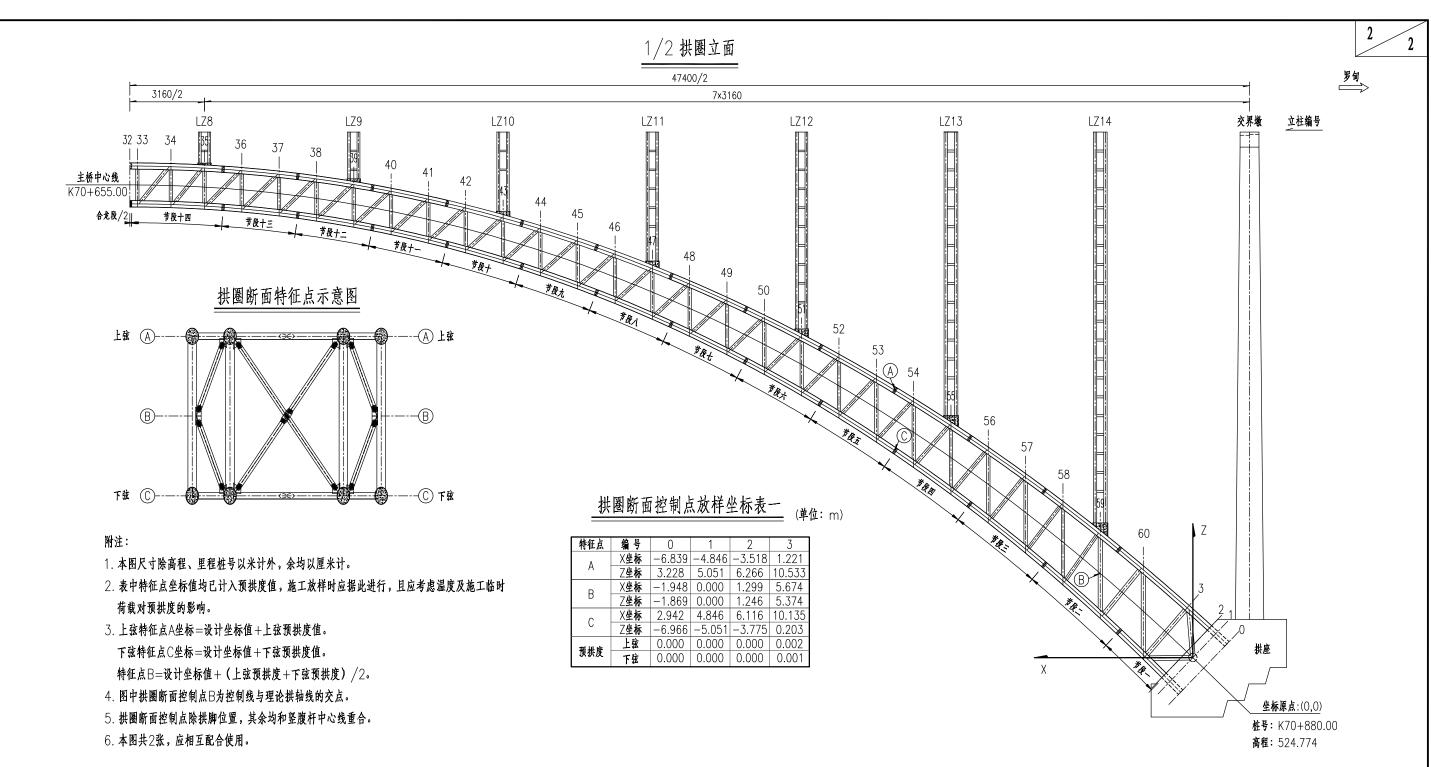
拱座

附注:

- 1. 本图尺寸除高程、里程桩号以米计外。余均以厘米计。
- 2. 表中特征点坐标值均已计入预拱度值,施工放祥时应据此进行,且应考虑温度及施工临时荷载对预拱度的影响。
- 3. 上弦特征点A坐标=设计坐标值+上弦预拱度值。 下弦特征点C坐标=设计坐标值+下弦预拱度值。 特征点B=设计坐标值+(上弦预拱度+下弦预拱度)/2。
- 4. 图中拱圈断面控制点B为控制线与理论拱轴线的交点。
- 5. 拱圈断面控制点除拱脚位置,其余均和竖腹杆中心线重合。
- 6. 本图共2张,应相互配合使用。

<u>拱圈断面控制点放样坐标表二</u> (单位: m)

i	随	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
X	坐标	10.5	19.6	27.5	35.4	43.3	51.2	59.1	67.0	74.9	82.8	90.7	98.6	106.5	114.4	122.3	130.2	138.1	146	153.9	161.8	169.7	177.6	185.5	193.4	201.3	209.2	216.3	223.4	225
	А	18.578	26.074	32.273	38.188	43.824	49.186	54.278	59.106	63.672	67.98	72.036	75.843	79.402	82.718	85.793	88.631	91.232	93.6	95.735	97.641	99.32	100.771	101.997	102.998	103.777	104.332	104.641	104.771	1 104.776
特征点	В	9.809	17.832	24.449	30.750	36.740	42.427	47.818	52.919	57.736	62.276	66.541	70.540	74.275	77.750	80.970	83.937	86.656	89.128	91.356	93.345	95.094	96.607	97.884	98.927	99.736	100.314	100.636	100.771	1 100.776
	С	0.564	9.19	16.283	23.017	29.402	35.451	41.172	46.574	51.666	56.455	60.949	65.155	69.079	72.724	76.097	79.204	82.047	84.631	86.958	89.033	90.857	92.434	93.763	94.849	95.694	96.295	96.63	96.771	96.776
型州時	上弦	0.011	0.026	0.047	0.071	0.098	0.128	0.160	0.195	0.232	0.270	0.310	0.351	0.392	0.433	0.473	0.513	0.551	0.587	0.620	0.651	0.680	0.705	0.726	0.744	0.758	0.768	0.774	0.776	0.776
预拱度	下弦	0.006	0.021	0.041	0.066	0.093	0.124	0.156	0.191	0.228	0.267	0.306	0.347	0.389	0.430	0.470	0.510	0.548	0.585	0.618	0.650	0.678	0.704	0.725	0.743	0.758	0.768	0.774	0.776	0.776



拱圈断面控制点放样坐标表二 (单位: m)

	截面	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Z坐标	X坐标	223.4	216.3	209.2	201.3	193.4	185.5	177.6	169.7	161.8	153.9	146	138.1	130.2	122.3	114.4	106.5	98.6	90.7	82.8	74.9	67	59.1	51.2	43.3	35.4	27.5	19.6	10.5
	A	104.771	104.641	104.332	103.777	102.998	101.997	100.77	99.32	97.641	95.735	93.6	91.232	88.631	85.793	82.718	79.402	75.843	72.036	67.98	63.672	59.106	54.278	49.186	43.824	38.188	32.273	26.074	18.578
特征点	В	100.771	100.636	100.314	99.736	98.927	97.884	96.606	95.094	93.345	91.356	89.128	86.656	83.937	80.970	77.750	74.275	70.540	66.541	62.275	57.736	52.919	47.818	42.427	36.740	30.750	24.449	17.832	9.809
	С	96.771	96.630	96.295	95.694	94.849	93.763	92.434	90.857	89.033	86.958	84.631	82.047	79.204	76.097	72.724	69.079	65.155	60.949	56.454	51.666	46.574	41.172	35.451	29.402	23.017	16.283	9.190	0.564
類州時	上弦	0.776	0.774	0.768	0.758	0.744	0.726	0.704	0.680	0.651	0.620	0.587	0.551	0.513	0.473	0.433	0.392	0.351	0.310	0.270	0.232	0.195	0.160	0.128	0.098	0.071	0.047	0.026	0.011
預拱度	下弦	0.776	0.774	0.768	0.758	0.743	0.725	0.704	0.678	0.650	0.618	0.585	0.548	0.510	0.470	0.430	0.389	0.347	0.306	0.266	0.228	0.191	0.156	0.124	0.093	0.066	0.041	0.021	0.006