

DATOS DE DISEÑO									
CURVA	PI	PT	Δc	G	TANG	R	Lc	E	
C1	E=585,184,992 N=1,622,022,161 EST=6+087,800	E=585,191,919 N=1,622,014,940 EST=6+077,020	19°08'00"	9°39'02"	T1=10,006 T2=10,006	59,370	19,826	0.837	
C2	E=585,214,219 N=1,621,991,692 EST=6+109,834	E=585,217,288 N=1,621,983,172 EST=6+116,114	22°48'00"	13°35'01"	T1=8,505 T2=8,505	42,180	16,785	0.849	
C3	E=585,245,132 N=1,621,975,653 EST=6+159,839	E=585,251,374 N=1,621,963,952 EST=6+169,167	6°51'00"	02°34'00"	T1=13,360 T2=13,360	223,230	26,688	0.399	
C4	E=585,311,494 N=1,621,955,653 EST=6+230,287	E=585,302,773 N=1,621,947,833 EST=6+239,504	4°05'100"	05°30'01"	T1=36,792 T2=38,792	104,170	74,270	6.989	
C5	E=585,234,044 N=1,621,931,645 EST=6+079,012	E=585,237,569 N=1,621,940,188 EST=6+163,186	65°32'00"	04°39'30"	T1=9,674 T2=9,674	123,000	141,400	23,550	
C6	E=585,469,348 N=1,621,927,422 EST=6+166,184	E=585,486,045 N=1,621,928,952 EST=6+170,084	4°03'00"	1°01'00"	T1=19,927 T2=19,927	563,570	39,836	0.352	
C7	E=585,506,838 N=1,621,914,381 EST=6+100,907	E=585,517,335 N=1,621,906,819 EST=6+143,881	5°56'00"	2°12'00"	T1=13,497 T2=13,497	260,440	26,970	0.350	
C8	E=585,591,099 N=1,621,902,949 EST=6+107,713	E=585,592,729 N=1,621,894,733 EST=6+105,335	13°48'00"	01°59'00"	T1=34,960 T2=34,960	288,890	69,581	2,108	
C9	E=585,698,279 N=1,621,893,989 EST=6+122,195	E=585,719,508 N=1,621,884,199 EST=6+147,317	8°07'00"	01°36'00"	T1=25,407 T2=25,407	358,100	50,729	0.900	
C10	E=585,823,312 N=1,621,884,585 EST=6+137,550	E=585,841,189 N=1,621,876,789 EST=6+148,988	17°54'00"	04°52'00"	T1=18,541 T2=18,541	117,730	36,780	1.451	
C11	E=585,930,053 N=1,621,873,277 EST=6+148,988	E=585,994,757 N=1,621,864,733 EST=6+142,486	17°00'00"	02°05'00"	T1=41,102 T2=41,102	275,020	81,600	3,054	
C12	E=586,134,997 N=1,620,861,039 EST=6+172,194	E=586,205,485 N=1,620,849,745 EST=6+191,930	0°39'00"	2°03'00"	T1=70,679 T2=70,679	279,490	138,454	8,798	
C13	E=586,353,149 N=1,620,851,820 EST=6+193,981	E=586,433,534 N=1,620,840,705 EST=6+213,350	0°30'00"	0°02'45"	T1=70,910 T2=70,910	1250,898	141,818	0.201	
C14	E=586,656,059 N=1,620,836,444 EST=6+213,350	E=586,682,420 N=1,620,836,974 EST=6+239,673	6°30'00"	01°14'00"	T1=26,380 T2=26,380	464,580	52,703	0,748	
C15	E=586,803,198 N=1,620,825,061 EST=6+239,693	E=586,880,113 N=1,620,814,225 EST=6+243,191	15°36'00"	01°38'00"	T1=48,052 T2=48,052	350,790	95,510	3,276	
C16	E=586,918,825 N=1,620,849,444 EST=6+259,529	E=586,944,470 N=1,620,834,225 EST=6+253,185	21°24'00"	03°58'00"	T1=27,292 T2=27,292	144,440	53,948	2,556	
C17	E=587,045,571 N=1,620,764,299 EST=6+269,583	E=587,081,456 N=1,620,759,388 EST=6+269,545	26°06'00"	3°40'00"	T1=36,219 T2=36,219	156,280	71,181	4,143	
C18	E=587,175,985 N=1,620,746,452 EST=6+279,956	E=587,205,336 N=1,620,743,458 EST=6+280,453	1°58'00"	0°20'00"	T1=29,503 T2=29,503	1716,870	59,000	0,253	
C19	E=587,246,863 N=1,620,737,180 EST=6+282,300	E=587,328,235 N=1,620,729,526 EST=6+294,142	1°17'00"	00°06'14"	T1=61,847 T2=61,847	552,230	123,689	0,346	
C20	E=587,484,061 N=1,620,710,092 EST=6+310,175	E=587,584,912 N=1,620,684,657 EST=6+320,943	7°06'00"	0°20'30,0"	T1=104,034 T2=104,034	1676,950	207,802	3,224	

DATOS DE DISEÑO									
CURVA	PI	PT	Δc	G	TANG	R	Lc	E	
C21	E=587,879,821 N=1,620,599,888 EST=6+349,924	E=587,899,584 N=1,620,603,166 EST=6+350,010	4°34'00"	01°05'40"	T1=20,874 T2=20,874	523,510	41,726	0,416	
C22	E=587,926,962 N=1,620,583,866 EST=6+359,886	E=587,947,378 N=1,620,585,868 EST=6+361,886	7°42'00"	01°51'00"	T1=20,842 T2=20,842	309,710	41,622	0,701	
C23	E=588,069,989 N=1,620,565,369 EST=6+371,083	E=588,077,578 N=1,620,564,052 EST=6+372,482	51°1'00"	01°28'00"	T1=17,682 T2=17,682	390,650	35,341	0,400	
C24	E=588,029,171 N=1,620,543,169 EST=6+381,081	E=588,029,171 N=1,620,543,169 EST=6+381,081	16°32'00"	03°20'0"	T1=24,974 T2=24,974	171,890	49,601	1,805	
C25	E=588,029,171 N=1,620,543,169 EST=6+381,081	E=588,029,171 N=1,620,543,169 EST=6+381,081	16°32'00"	03°20'0"	T1=24,974 T2=24,974	171,890	49,601	1,805	
C26	E=588,029,171 N=1,620,543,169 EST=6+381,081	E=588,029,171 N=1,620,543,169 EST=6+381,081	16°32'00"	03°20'0"	T1=24,974 T2=24,974	171,890	49,601	1,805	
C27	E=588,029,171 N=1,620,543,169 EST=6+381,081	E=588,029,171 N=1,620,543,169 EST=6+381,081	16°32'00"	03°20'0"	T1=24,974 T2=24,974	171,890	49,601	1,805	
C28	E=588,029,171 N=1,620,543,169 EST=6+381,081	E=588,029,171 N=1,620,543,169 EST=6+381,081	16°32'00"	03°20'0"	T1=24,974 T2=24,974	171,890	49,601	1,805	
C29	E=588,029,171 N=1,620,543,169 EST=6+381,081	E=588,029,171 N=1,620,543,169 EST=6+381,081	16°32'00"	03°20'0"	T1=24,974 T2=24,974	171,890	49,601	1,805	
C30	E=588,029,171 N=1,620,543,169 EST=6+381,081	E=588,029,171 N=1,620,543,169 EST=6+381,081	16°32'00"	03°20'0"	T1=24,974 T2=24,974	171,890	49,601	1,805	
C31	E=588,029,171 N=1,620,543,169 EST=6+381,081	E=588,029,171 N=1,620,543,169 EST=6+381,081	16°32'00"	03°20'0"	T1=24,974 T2=24,974	171,890	49,601	1,805	
C32	E=588,029,171 N=1,620,543,169 EST=6+381,081	E=588,029,171 N=1,620,543,169 EST=6+381,081	16°32'00"	03°20'0"	T1=24,974 T2=24,974	171,890	49,601	1,805	
C33	E=588,029,171 N=1,620,543,169 EST=6+381,081	E=588,029,171 N=1,620,543,169 EST=6+381,081	16°32'00"	03°20'0"	T1=24,974 T2=24,974	171,890	49,601	1,805	
C34	E=588,029,171 N=1,620,543,169 EST=6+381,081	E=588,029,171 N=1,620,543,169 EST=6+381,081	16°32'00"	03°20'0"	T1=24,974 T2=24,974	171,890	49,601	1,805	
C35	E=588,029,171 N=1,620,543,169 EST=6+381,081	E=588,029,171 N=1,620,543,169 EST=6+381,081	16°32'00"	03°20'0"	T1=24,974 T2=24,974	171,890	49,601	1,805	
C36	E=588,029,171 N=1,620,543,169 EST=6+381,081	E=588,029,171 N=1,620,543,169 EST=6+381,081	16°32'00"	03°20'0"	T1=24,974 T2=24,974	171,890	49,601	1,805	
C37	E=588,029,171 N=1,620,543,169 EST=6+381,081	E=588,029,171 N=1,620,543,169 EST=6+381,081	16°32'00"	03°20'0"	T1=24,974 T2=24,974	171,890	49,601	1,805	
C38	E=588,029,171 N=1,620,543,169 EST=6+381,081	E=588,029,171 N=1,620,543,169 EST=6+381,081	16°32'00"	03°20'0"	T1=24,974 T2=24,974	171,890	49,601	1,805	
C39	E=588,029,171 N=1,620,543,169 EST=6+381,081	E=588,029,171 N=1,620,543,169 EST=6+381,081	16°32'00"	03°20'0"	T1=24,974 T2=24,974	171,890	49,601	1,805	
C40	E=588,029,171 N=1,620,543,169 EST=6+381,081	E=588,029,171 N=1,620,543,169 EST=6+381,081	16°32'00"	03°20'0"	T1=24,974 T2=24,974	171,890	49,601	1,805	

DATOS DE DISEÑO									
CURVA	PI	PT	Δc	G	TANG	R	Lc	E	
C41	E=591,657,470 N=1,620,006,324 EST=7+474,324	E=591,676,312 N=1,620,004,344 EST=7+492,984	19°13'00"	05°06'1"	T1=19,018 T2=19,018	112,340	37,678	1,598	
C42	E=591,742,485 N=1,619,995,286 EST=7+499,258	E=591,755,870 N=1,619,999,444 EST=7+513,379	25°56'00"	09°22'0"	T1=14,085 T2=14,085	61,170	27,687	1,601	
C43	E=591,825,111 N=1,620,022,311 EST=7+529,177	E=591,849,497 N=1,620,025,143 EST=7+543,837	02°21'0"	02°21'0"	T1=24,550 T2=24,550	243,810	48,936	1,233	
C44	E=591,873,277 N=1,620,022,305 EST=7+549,258	E=591,896,543 N=1,620,033,344 EST=7+563,839	7°00'00"	01°27'50"	T1=23,939 T2=23,939	391,400	47,819	0,731	
C45	E=591,964,875 N=1,620,043,196 EST=7+589,148	E=591,986,199 N=1,620,053,379 EST=7+603,839	4°30'00"	09°46'58"	T1=25,683 T2=25,683	58,370	48,391	5,401	
C46	E=591,964,875 N=1,620,043,196 EST=7+589,148	E=591,986,199 N=1,620,053,379 EST=7+603,839	4°30'00"	09°46'58"	T1=25,683 T2=25,683	58,370	48,391	5,401	
C47	E=592,241,923 N=1,620,078,059 EST=8+120,763	E=592,258,709 N=1,620,082,763 EST=8+120,763	75°10'00"	6°57'00"	T1=63,449 T2=63,449	82,440	108,154	21,590	