

EJE RUTA 109										
NUMERO	INICIO	VERTICE	FINAL	ANGULO	RADIO	TANGENTE	EXTERNA	CUERDA	LONG./DES.	
L21	X:3054.431 Y:6975.544 0+000.00		X:3120.785 Y:6912.933 0+091.23						91.23	
C5	X:3120.785 Y:6912.933 0+091.23	X:3130.521 Y:6903.746 0+104.62	X:3139.380 Y:6893.712 0+117.98	5°13'21"	293.51	13.39	0.31	26.74	26.75	
L17	X:3139.380 Y:6893.712 0+117.98		X:3435.126 Y:6558.726 0+564.84						446.86	
L18	X:3435.126 Y:6558.726 0+564.84		X:3508.021 Y:6478.850 0+672.98						108.14	
L19	X:3508.021 Y:6478.850 0+672.98		X:3726.872 Y:6253.327 0+987.23						314.26	
C6	X:3726.872 Y:6253.327 0+987.23	X:3757.664 Y:6221.597 1+031.45	X:3794.134 Y:6196.601 1+075.37	11°26'01"	441.66	44.21	2.21	87.99	88.13	
L11	X:3794.134 Y:6196.601 1+075.37		X:4017.794 Y:6043.306 1+346.52						271.15	
C7	X:4017.794 Y:6043.306 1+346.52	X:4065.770 Y:6010.423 1+404.68	X:4106.520 Y:5968.919 1+462.48	11°05'54"	598.67	58.16	2.82	115.78	115.96	
L12	X:4106.520 Y:5968.919 1+462.48		X:4221.279 Y:5852.039 1+626.29						163.80	
C8	X:4221.279 Y:5852.039 1+626.29	X:4222.124 Y:5851.178 1+627.49	X:4222.957 Y:5850.304 1+628.70	0°51'16"	161.80	1.21	0.00	2.41	2.41	
L13	X:4222.957 Y:5850.304 1+628.70		X:4820.153 Y:5223.636 2+494.35						865.65	
C9	X:4820.153 Y:5223.636 2+494.35	X:4821.520 Y:5222.201 2+496.33	X:4822.852 Y:5220.734 2+498.32	1°24'12"	161.80	1.98	0.01	3.96	3.96	
L14	X:4822.852 Y:5220.734 2+498.32		X:5000.948 Y:5024.439 2+763.36						265.05	
C10	X:5000.948 Y:5024.439 2+763.36	X:5016.899 Y:5006.858 2+787.10	X:5032.417 Y:4988.893 2+810.84	1°23'53"	1945.79	23.74	0.14	47.47	47.48	
L15	X:5032.417 Y:4988.893 2+810.84		X:5393.959 Y:4570.326 3+363.93						553.09	
C11	X:5393.959 Y:4570.326 3+363.93	X:5396.277 Y:4567.642 3+367.48	X:5398.711 Y:4565.062 3+371.02	2°30'41"	161.80	3.55	0.04	7.09	7.09	
L20	X:5398.711 Y:4565.062 3+371.02		X:5558.060 Y:4396.145 3+603.24						232.22	
C12	X:5558.060 Y:4396.145 3+603.24	X:5620.366 Y:4330.098 3+694.04	X:5708.343 Y:4307.643 3+779.99	32°21'06"	313.02	90.80	12.90	174.41	176.75	
L16	X:5708.343 Y:4307.643 3+779.99		X:5921.527 Y:4253.232 4+000.00						220.02	



INTENDENCIA DEPARTAMENTAL DE ROCHA		
LOCALIDAD ROCHA		
PROYECTO: PAVIMENTACIÓN EN RUTA 109		
TABLA DE ALINEAMIENTO		
DIRECTOR GENERAL DE OBRAS Ingeniero Civil Juan José Portuoso	Ingeniera Civil Victoria Val Martins Ingeniero Agrim. Agustín De Cuadra	FECHA: Julio 2018 ESCALA ESPECIFICADA LÁMINA N° 3