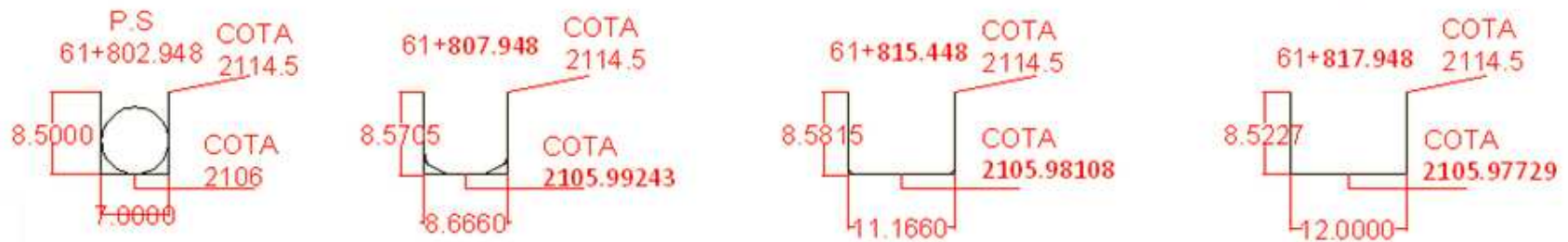


Apéndice A

Transición del portal de salida

TEO

Transición del Portal de salida (la transición tiene una longitud de 15 m)



A continuación, se presentan los pares coordenados para dibujar la transición correspondiente a cada cadenamiento.

CADENAMIENTO 807.948					
X	Y	X	Y	X	Y
-4.333	0	-4.067	-2.257	4.073	-2.245
-4.333	-1.174	-4.06	-2.27	4.08	-2.232
-4.327	-1.35	-4.053	-2.283	4.087	-2.218
-4.32	-1.423	-4.047	-2.295	4.093	-2.205
-4.313	-1.479	-4.04	-2.307	4.1	-2.191
-4.307	-1.526	-4.033	-2.319	4.107	-2.177
-4.3	-1.567	-4.027	-2.331	4.113	-2.163
-4.293	-1.604	-4.02	-2.342	4.12	-2.149
-4.287	-1.639	-4.013	-2.354	4.127	-2.134
-4.28	-1.67	-4.007	-2.365	4.133	-2.119
-4.273	-1.7	-4	-2.376	4.14	-2.104
-4.267	-1.728	-3.993	-2.387	4.147	-2.089
-4.26	-1.755	-3.987	-2.398	4.153	-2.073
-4.253	-1.78	-3.98	-2.409	4.16	-2.057
-4.247	-1.804	-3.973	-2.419	4.167	-2.04
-4.24	-1.828	-3.967	-2.43	4.173	-2.023
-4.233	-1.85	-3.96	-2.44	4.18	-2.006
-4.227	-1.872	-3.953	-2.451	4.187	-1.988
-4.22	-1.893	-3.947	-2.461	4.193	-1.97
-4.213	-1.913	-2	-3.508	4.2	-1.952
-4.207	-1.933	0	-3.508	4.207	-1.933
-4.2	-1.952	2	-3.508	4.213	-1.913
-4.193	-1.97	3.947	-2.461	4.22	-1.893

Estudio del Comportamiento Hidráulico del Vertedor de Salida del Túnel Emisor Oriente**Apéndice A**

-4.187	-1.988	3.953	-2.451	4.227	-1.872
-4.18	-2.006	3.96	-2.44	4.233	-1.85
-4.173	-2.023	3.967	-2.43	4.24	-1.828
-4.167	-2.04	3.973	-2.419	4.247	-1.804
-4.16	-2.057	3.98	-2.409	4.253	-1.78
-4.153	-2.073	3.987	-2.398	4.26	-1.755
-4.147	-2.089	3.993	-2.387	4.267	-1.728
-4.14	-2.104	4	-2.376	4.273	-1.7
-4.133	-2.119	4.007	-2.365	4.28	-1.67
-4.127	-2.134	4.013	-2.354	4.287	-1.639
-4.12	-2.149	4.02	-2.342	4.293	-1.604
-4.113	-2.163	4.027	-2.331	4.3	-1.567
-4.107	-2.177	4.033	-2.319	4.307	-1.526
-4.1	-2.191	4.04	-2.307	4.313	-1.479
-4.093	-2.205	4.047	-2.295	4.32	-1.423
-4.087	-2.218	4.053	-2.283	4.327	-1.35
-4.08	-2.232	4.06	-2.27	4.333	-1.174
-4.073	-2.245	4.067	-2.257	4.333	0

CADENAMIENTO 815.448	
X	Y
-5.583	0
-5.583	-2.936
-5.582	-2.98
-5.58	-2.998
-5.578	-3.012
-5.577	-3.024
-5	-3.519
0	-3.519
5	-3.519
5.577	-3.024
5.578	-3.012
5.58	-2.998
5.582	-2.98
5.583	-2.936
5.583	0

CADENAMIENTO 817.948	
X	Y
-6	0
-6	-3.522708
0	-3.522708
6	-3.522708
6	0