



DISEÑO VIAL OREJA PRINCIPAL PUENTE ABOCOL SEGUNDA CALZADA VARIANTE GAMBOTE MAMONAL

CARTERA DE LOCALIZACION

Código:
Versión:
Fecha: 27-nov-18

ABSCISA INICIAL: K26+090.00

ABSCISA FINAL: K26+410.00

ABSCISA	BORDE IZQUIERDO					ABSCISA	EJE			ABSCISA	BORDE DERECHO				
	ESTE	NORTE	COTA RAS	DISTANCIA (m)	PERALTE (%)		ESTE	NORTE	COTA RAS		ESTE	NORTE	COTA RAS	DISTANCIA (m)	PERALTE (%)
K26+090.00	846161.122	1631960.39	17.31	0.20	2.0	K26+090.00	846161.317	1631960.373	17.306	K26+090.00	846161.472	1631960.36	17.303	0.16	-1.9
K26+095.00	846161.553	1631965.371	17.308	0.20	2.0	K26+095.00	846161.749	1631965.354	17.304	K26+095.00	846161.859	1631965.345	17.302	0.11	-1.8
K26+100.00	846161.983	1631970.353	17.306	0.20	2.0	K26+100.00	846162.181	1631970.336	17.302	K26+100.00	846162.268	1631970.328	17.3	0.09	-2.3
K26+105.00	846162.414	1631975.334	17.304	0.20	2.0	K26+105.00	846162.613	1631975.317	17.3	K26+105.00	846162.778	1631975.303	17.297	0.17	-1.8
K26+110.00	846162.844	1631980.316	17.303	0.20	2.0	K26+110.00	846163.045	1631980.298	17.299	K26+110.00	846163.397	1631980.268	17.292	0.35	-2.0
K26+115.00	846163.275	1631985.297	17.301	0.20	2.0	K26+115.00	846163.477	1631985.28	17.297	K26+115.00	846164.124	1631985.223	17.284	0.65	-2.0
K26+120.00	846163.705	1631990.278	17.299	0.20	2.0	K26+120.00	846163.909	1631990.261	17.295	K26+120.00	846164.961	1631990.17	17.274	1.06	-2.0
K26+125.00	846164.136	1631995.26	17.297	0.21	1.9	K26+125.00	846164.341	1631995.242	17.293	K26+125.00	846165.907	1631995.106	17.262	1.57	-2.0
K26+130.00	846164.567	1632000.241	17.295	0.21	1.9	K26+130.00	846164.773	1632000.223	17.291	K26+130.00	846166.963	1632000.033	17.247	2.20	-2.0
K26+135.00	846164.997	1632005.223	17.293	0.21	1.9	K26+135.00	846165.205	1632005.205	17.289	K26+135.00	846168.131	1632004.951	17.23	2.94	-2.0
K26+140.00	846165.428	1632010.204	17.291	0.21	1.9	K26+140.00	846165.636	1632010.186	17.287	K26+140.00	846169.412	1632009.859	17.211	3.79	-2.0
K26+145.00	846165.858	1632015.186	17.289	0.21	1.9	K26+145.00	846166.068	1632015.167	17.285	K26+145.00	846170.806	1632014.757	17.19	4.76	-2.0
K26+150.00	846166.295	1632020.242	17.293	0.47	1.9	K26+150.00	846166.741	1632020.101	17.284	K26+150.00	846171.939	1632018.464	17.175	5.45	-2.0
K26+155.00	846166.74	1632025.38	17.315	1.64	2.0	K26+155.00	846168.294	1632024.854	17.282	K26+155.00	846173.456	1632023.106	17.173	5.45	-2.0
K26+160.00	846167.188	1632030.573	17.339	2.94	2.0	K26+160.00	846169.948	1632029.572	17.28	K26+160.00	846175.071	1632027.715	17.171	5.45	-2.0
K26+165.00	846168.136	1632035.765	17.357	3.95	2.0	K26+165.00	846171.774	1632034.226	17.278	K26+165.00	846176.794	1632032.103	17.169	5.45	-2.0
K26+170.00	846170.289	1632040.505	17.355	3.95	2.0	K26+170.00	846173.842	1632038.778	17.276	K26+170.00	846178.743	1632036.395	17.167	5.45	-2.0
K26+175.00	846172.688	1632045.126	17.358	3.95	2.0	K26+175.00	846176.145	1632043.215	17.279	K26+175.00	846180.915	1632040.579	17.17	5.45	-2.0
K26+180.00	846175.325	1632049.615	17.373	3.95	2.0	K26+180.00	846178.677	1632047.526	17.294	K26+180.00	846183.302	1632044.643	17.185	5.45	-2.0
K26+185.00	846178.193	1632053.96	17.402	3.95	2.0	K26+185.00	846181.432	1632051.698	17.323	K26+185.00	846185.9	1632048.577	17.214	5.45	-2.0
K26+190.00	846181.286	1632058.149	17.443	3.95	2.0	K26+190.00	846184.401	1632055.72	17.364	K26+190.00	846188.699	1632052.37	17.255	5.45	-2.0
K26+195.00	846184.593	1632062.17	17.498	3.95	2.0	K26+195.00	846187.577	1632059.582	17.419	K26+195.00	846191.694	1632056.011	17.31	5.45	-2.0
K26+200.00	846188.106	1632066.012	17.566	3.95	2.0	K26+200.00	846190.95	1632063.271	17.487	K26+200.00	846194.875	1632059.49	17.378	5.45	-2.0
K26+205.00	846191.815	1632069.665	17.647	3.95	2.0	K26+205.00	846194.512	1632066.779	17.568	K26+205.00	846198.233	1632062.797	17.459	5.45	-2.0
K26+210.00	846195.711	1632073.119	17.742	3.95	2.0	K26+210.00	846198.253	1632070.096	17.663	K26+210.00	846201.761	1632065.924	17.554	5.45	-2.0
K26+215.00	846199.782	1632076.364	17.849	3.95	2.0	K26+215.00	846202.163	1632073.212	17.77	K26+215.00	846205.447	1632068.863	17.661	5.45	-2.0
K26+220.00	846204.018	1632079.392	17.97	3.95	2.0	K26+220.00	846206.23	1632076.119	17.891	K26+220.00	846209.282	1632071.604	17.782	5.45	-2.0
K26+225.00	846208.406	1632082.193	18.063	3.95	1.0	K26+225.00	846210.444	1632078.81	18.024	K26+225.00	846213.255	1632074.141	17.97	5.45	-1.0
K26+230.00	846212.935	1632084.761	18.171	3.95	0.0	K26+230.00	846214.793	1632081.275	18.171	K26+230.00	846217.356	1632076.466	18.171	5.45	0.0
K26+235.00	846217.41	1632087.478	18.287	4.38	-1.0	K26+235.00	846219.265	1632083.51	18.331	K26+235.00	846221.573	1632078.573	18.386	5.45	1.0
K26+240.00	846221.677	1632090.238	18.401	5.15	-2.0	K26+240.00	846223.825	1632085.561	18.504	K26+240.00	846226.1	1632080.608	18.613	5.45	2.0
K26+245.00	846225.247	1632092.548	18.526	5.46	-3.0	K26+245.00	846228.205	1632087.963	18.69	K26+245.00	846231.16	1632083.384	18.854	5.45	3.0
K26+250.00	846228.625	1632095.077	18.672	5.45	-4.0	K26+250.00	846232.199	1632090.964	18.89	K26+250.00	846235.774	1632086.85	19.108	5.45	4.0
K26+255.00	846231.605	1632098.065	18.829	5.45	-5.0	K26+255.00	846235.727	1632094.501	19.102	K26+255.00	846239.85	1632090.936	19.375	5.45	5.0
K26+260.00	846234.131	1632101.446	19.001	5.45	-6.0	K26+260.00	846238.718	1632098.503	19.328	K26+260.00	846243.305	1632095.56	19.655	5.45	6.0
K26+265.00	846236.151	1632105.151	19.181	5.45	-7.0	K26+265.00	846241.109	1632102.889	19.562	K26+265.00	846246.068	1632100.627	19.944	5.45	7.0
K26+270.00	846237.625	1632109.105	19.361	5.45	-8.0	K26+270.00	846242.854	1632107.57	19.797	K26+270.00	846248.083	1632106.035	20.233	5.45	8.0



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CARTERA DE LOCALIZACION

ABSCISA INICIAL: K26+090.00

ABSCISA FINAL: K26+410.00

ABSCISA	BORDE IZQUIERDO					ABSCISA	EJE			ABSCISA	BORDE DERECHO				
	ESTE	NORTE	COTA RAS	DISTANCIA (m)	PERALTE (%)		ESTE	NORTE	COTA RAS		ESTE	NORTE	COTA RAS	DISTANCIA (m)	PERALTE (%)
K26+275.00	846238.522	1632113.229	19.595	5.45	-8.0	K26+275.00	846243.917	1632112.452	20.031	K26+275.00	846249.311	1632111.674	20.467	5.45	8.0
K26+280.00	846238.825	1632117.438	19.83	5.45	-8.0	K26+280.00	846244.275	1632117.434	20.266	K26+280.00	846249.725	1632117.431	20.702	5.45	8.0
K26+285.00	846238.528	1632121.648	20.064	5.45	-8.0	K26+285.00	846243.923	1632122.418	20.5	K26+285.00	846249.319	1632123.188	20.936	5.45	8.0
K26+290.00	846237.636	1632125.772	20.299	5.45	-8.0	K26+290.00	846242.867	1632127.301	20.735	K26+290.00	846248.098	1632128.829	21.171	5.45	8.0
K26+295.00	846236.167	1632129.729	20.533	5.45	-8.0	K26+295.00	846241.128	1632131.984	20.969	K26+295.00	846246.09	1632134.24	21.405	5.45	8.0
K26+300.00	846234.151	1632133.436	20.768	5.45	-8.0	K26+300.00	846238.742	1632136.373	21.204	K26+300.00	846243.333	1632139.31	21.64	5.45	8.0
K26+305.00	846231.63	1632136.82	21.002	5.45	-8.0	K26+305.00	846235.757	1632140.379	21.438	K26+305.00	846239.885	1632143.938	21.874	5.45	8.0
K26+310.00	846228.654	1632139.812	21.237	5.45	-8.0	K26+310.00	846232.234	1632143.921	21.673	K26+310.00	846235.814	1632148.03	22.109	5.45	8.0
K26+315.00	846225.283	1632142.351	21.471	5.45	-8.0	K26+315.00	846228.243	1632146.926	21.907	K26+315.00	846231.204	1632151.502	22.343	5.45	8.0
K26+320.00	846221.585	1632144.385	21.695	5.45	-8.0	K26+320.00	846223.867	1632149.335	22.131	K26+320.00	846226.148	1632154.285	22.567	5.45	8.0
K26+325.00	846217.637	1632145.874	21.897	5.45	-8.0	K26+325.00	846219.192	1632151.098	22.333	K26+325.00	846220.747	1632156.321	22.769	5.45	8.0
K26+330.00	846213.517	1632146.788	22.076	5.45	-8.0	K26+330.00	846214.315	1632152.179	22.512	K26+330.00	846215.113	1632157.57	22.948	5.45	8.0
K26+335.00	846209.221	1632147.113	22.288	5.45	-7.0	K26+335.00	846209.333	1632152.562	22.67	K26+335.00	846209.446	1632158.01	23.051	5.45	7.0
K26+340.00	846204.222	1632147.216	22.479	5.45	-6.0	K26+340.00	846204.334	1632152.665	22.806	K26+340.00	846204.447	1632158.114	23.133	5.45	6.0
K26+345.00	846199.223	1632147.319	22.649	5.45	-5.0	K26+345.00	846199.336	1632152.768	22.921	K26+345.00	846199.448	1632158.217	23.194	5.45	5.0
K26+350.00	846194.224	1632147.423	22.795	5.45	-4.0	K26+350.00	846194.337	1632152.871	23.013	K26+350.00	846194.449	1632158.32	23.231	5.45	4.0
K26+355.00	846189.225	1632147.526	22.919	5.45	-3.0	K26+355.00	846189.338	1632152.975	23.083	K26+355.00	846189.45	1632158.424	23.247	5.45	3.0
K26+360.00	846184.226	1632147.629	23.023	5.45	-2.0	K26+360.00	846184.339	1632153.078	23.132	K26+360.00	846184.451	1632158.527	23.241	5.45	2.0
K26+365.00	846179.227	1632147.733	23.05	5.45	-2.0	K26+365.00	846179.34	1632153.181	23.159	K26+365.00	846179.452	1632158.63	23.268	5.45	2.0
K26+370.00	846174.228	1632147.836	23.065	5.45	-2.0	K26+370.00	846174.341	1632153.285	23.174	K26+370.00	846174.453	1632158.734	23.283	5.45	2.0
K26+375.00	846169.229	1632147.939	23.081	5.45	-2.0	K26+375.00	846169.342	1632153.388	23.19	K26+375.00	846169.455	1632158.837	23.299	5.45	2.0
K26+380.00	846164.23	1632148.042	23.097	5.45	-2.0	K26+380.00	846164.343	1632153.491	23.206	K26+380.00	846164.456	1632158.94	23.315	5.45	2.0
K26+385.00	846159.231	1632148.146	23.112	5.45	-2.0	K26+385.00	846159.344	1632153.595	23.221	K26+385.00	846159.457	1632159.043	23.33	5.45	2.0
K26+390.00	846154.233	1632148.249	23.128	5.45	-2.0	K26+390.00	846154.345	1632153.698	23.237	K26+390.00	846154.458	1632159.147	23.346	5.45	2.0
K26+395.00	846149.234	1632148.352	23.144	5.45	-2.0	K26+395.00	846149.346	1632153.801	23.253	K26+395.00	846149.459	1632159.25	23.362	5.45	2.0
K26+400.00	846144.235	1632148.456	23.16	5.45	-2.0	K26+400.00	846144.347	1632153.905	23.269	K26+400.00	846144.46	1632159.353	23.378	5.45	2.0
K26+405.00	846139.236	1632148.559	23.175	5.45	-2.0	K26+405.00	846139.348	1632154.008	23.284	K26+405.00	846139.461	1632159.457	23.393	5.45	2.0
K26+410.00	846134.237	1632148.662	23.191	5.45	-2.0	K26+410.00	846134.349	1632154.111	23.3	K26+410.00	846134.462	1632159.56	23.409	5.45	2.0



DISEÑO VIAL OREJA SECUNDARIA PUENTE ABOCOL SEGUNDA CALZADA VARIANTE GAMBOTE MAMONAL

CARTERA DE LOCALIZACION

Código:
Versión:
Fecha: 29-nov-18

ABSCISA INICIAL: K00+000.00

ABSCISA FINAL: K00+135.00

ABSCISA	BORDE IZQUIERDO					ABSCISA	EJE			ABSCISA	BORDE DERECHO				
	ESTE	NORTE	COTA RAS	DISTANCIA (m)	PERALTE (%)		ESTE	NORTE	COTA RAS		ESTE	NORTE	COTA RAS	DISTANCIA (m)	PERALTE (%)
K0+000.00	846208.551	1632084.830	17.825	2.55	0.0	K0+000.00	846208.551	1632082.280	17.825	K0+000.00	846208.551	1632076.830	17.825	5.45	0.0
K0+005.00	846203.186	1632080.164	17.791	2.55	1.0	K0+005.00	846203.571	1632082.685	17.765	K0+005.00	846204.395	1632088.073	17.711	5.45	-1.0
K0+010.00	846197.963	1632081.345	17.755	2.55	2.0	K0+010.00	846198.698	1632083.786	17.704	K0+010.00	846200.271	1632089.004	17.595	5.45	-2.0
K0+015.00	846192.957	1632083.247	17.721	2.55	3.0	K0+015.00	846194.028	1632085.561	17.644	K0+015.00	846196.319	1632090.506	17.480	5.45	-3.0
K0+020.00	846188.268	1632085.835	17.685	2.55	4.0	K0+020.00	846189.654	1632087.975	17.583	K0+020.00	846192.617	1632092.549	17.365	5.45	-4.0
K0+025.00	846183.990	1632089.055	17.624	2.55	4.0	K0+025.00	846185.663	1632090.980	17.522	K0+025.00	846189.240	1632095.092	17.304	5.45	-4.0
K0+030.00	846180.207	1632092.846	17.564	2.55	4.0	K0+030.00	846182.134	1632094.516	17.462	K0+030.00	846186.253	1632098.084	17.244	5.45	-4.0
K0+035.00	846176.994	1632097.130	17.477	2.55	3.0	K0+035.00	846179.137	1632098.513	17.401	K0+035.00	846183.717	1632101.467	17.238	5.45	-3.0
K0+040.00	846174.505	1632101.743	17.391	2.55	2.0	K0+040.00	846176.770	1632102.914	17.340	K0+040.00	846181.612	1632105.416	17.231	5.45	-2.0
K0+045.00	846172.253	1632106.321	17.306	2.55	1.0	K0+045.00	846174.564	1632107.401	17.280	K0+045.00	846179.501	1632109.708	17.226	5.45	-1.0
K0+050.00	846170.333	1632111.046	17.219	2.39	0.0	K0+050.00	846172.538	1632111.971	17.219	K0+050.00	846177.563	1632114.080	17.219	5.45	0.0
K0+055.00	846169.801	1632116.285	17.163	0.95	0.5	K0+055.00	846170.695	1632116.619	17.158	K0+055.00	846175.801	1632118.526	17.131	5.45	-0.5
K0+060.00	846169.218	1632121.380	17.098	0.00	0.0	K0+060.00	846169.221	1632121.381	17.098	K0+060.00	846174.495	1632122.213	17.045	5.34	-1.0
K0+065.00	846168.423	1632126.317	17.037	0.02	0.0	K0+065.00	846168.442	1632126.320	17.037	K0+065.00	846172.950	1632127.031	16.946	4.56	-2.0
K0+070.00	846167.628	1632131.253	16.978	0.04	2.8	K0+070.00	846167.663	1632131.259	16.977	K0+070.00	846171.405	1632131.849	16.901	3.79	-2.0
K0+075.00	846166.795	1632136.178	16.917	0.05	2.0	K0+075.00	846166.844	1632136.190	16.916	K0+075.00	846169.778	1632136.922	16.855	3.02	-2.0
K0+080.00	846165.585	1632141.029	16.856	0.05	2.0	K0+080.00	846165.633	1632141.041	16.855	K0+080.00	846168.248	1632141.694	16.801	2.70	-2.0
K0+085.00	846164.374	1632145.880	16.796	0.05	2.0	K0+085.00	846164.423	1632145.892	16.795	K0+085.00	846166.718	1632146.465	16.748	2.37	-2.0
K0+090.00	846163.163	1632150.731	16.735	0.05	2.0	K0+090.00	846163.212	1632150.743	16.734	K0+090.00	846165.188	1632151.237	16.693	2.04	-2.0
K0+095.00	846161.953	1632155.583	16.685	0.05	2.0	K0+095.00	846162.001	1632155.595	16.684	K0+095.00	846163.658	1632156.008	16.650	1.71	-2.0
K0+100.00	846160.742	1632160.434	16.674	0.05	2.0	K0+100.00	846160.791	1632160.446	16.673	K0+100.00	846162.128	1632160.780	16.645	1.38	-2.0
K0+105.00	846159.532	1632165.285	16.664	0.05	2.0	K0+105.00	846159.580	1632165.297	16.663	K0+105.00	846160.602	1632165.552	16.642	1.05	-2.0
K0+110.00	846158.321	1632170.136	16.654	0.05	2.0	K0+110.00	846158.369	1632170.148	16.653	K0+110.00	846159.116	1632170.334	16.638	0.77	-1.9
K0+115.00	846157.110	1632174.987	16.644	0.05	2.0	K0+115.00	846157.159	1632175.000	16.643	K0+115.00	846157.678	1632175.129	16.632	0.53	-2.1
K0+120.00	846155.900	1632179.839	16.634	0.05	2.0	K0+120.00	846155.948	1632179.851	16.633	K0+120.00	846156.289	1632179.936	16.626	0.35	-2.0
K0+125.00	846154.689	1632184.690	16.624	0.05	2.0	K0+125.00	846154.738	1632184.702	16.623	K0+125.00	846154.949	1632184.755	16.619	0.22	-1.8
K0+130.00	846153.478	1632189.541	16.614	0.05	2.0	K0+130.00	846153.527	1632189.553	16.613	K0+130.00	846153.657	1632189.586	16.610	0.13	-2.2
K0+135.00	846152.268	1632194.392	16.604	0.05	2.0	K0+135.00	846152.316	1632194.404	16.603	K0+135.00	846152.414	1632194.429	16.601	0.10	-2.0