

CUADRO DE COORDENADAS Y ELEMENTOS DE CURVAS

SENT.	DELTA	RADIO	TANG.	L.C.	Ext.	P.I.	P.C.	P.T.	NORTE	ESTE	P%	SA	
121	D	28°37'35"	110.000	7.491	14.959	0,255	27 + 113.789	27 + 105.591	27 + 120.550	9171597.769	817375.658	6.0	0.90
122	D	13°41'11"	200.000	3.888	7.775	0,038	27 + 249.661	27 + 245.626	27 + 253.401	9171626.031	817241.488	5.0	0.60
123	I	165°20'50"	39.000	303.334	112.548	266.831	27 + 662.006	27 + 358.672	27 + 471.221	9171804.092	816869.243	8.0	2.10
124	D	141°08'56"	41.000	37.735	61.004	14.722	27 + 765.281	27 + 655.607	27 + 726.611	9171417.716	817326.179	8.0	2.00
125	I	43°29'28"	66.000	5.059	10.098	0.194	27 + 813.254	27 + 806.589	27 + 816.687	9171422.182	817138.914	8.0	1.40
126	I	29°06'53"	360.000	72.420	142.933	7.212	27 + 986.507	27 + 912.974	28 + 055.908	9171303.804	817008.017	3.0	0.40

N°	PI	s	Le	x	y	p	k	ST	LT	Tt	TS	ST
120	13°28'53"	40.000	39.779	3.125	0.783	19.963	13.404	26.744	68.758	26 + 898.438	27 + 026.358	
121	10°25'03"	40.000	39.868	2.419	0.605	19.978	13.375	26.713	48.198	27 + 065.591	27 + 160.550	
122	5°43'46"	40.000	39.960	1.332	0.333	19.993	13.346	26.681	44.035	27 + 205.626	27 + 293.401	
124	27°56'57"	40.000	39.059	6.394	1.612	19.842	13.643	27.007	140.674	27 + 625.607	27 + 766.611	
125	17°21'44"	40.000	39.634	4.014	1.007	19.939	13.451	26.796	46.666	27 + 766.539	27 + 856.687	
126	3°10'59"	40.000	39.988	0.741	0.185	19.988	13.337	26.671	113.533	27 + 872.974	28 + 095.908	

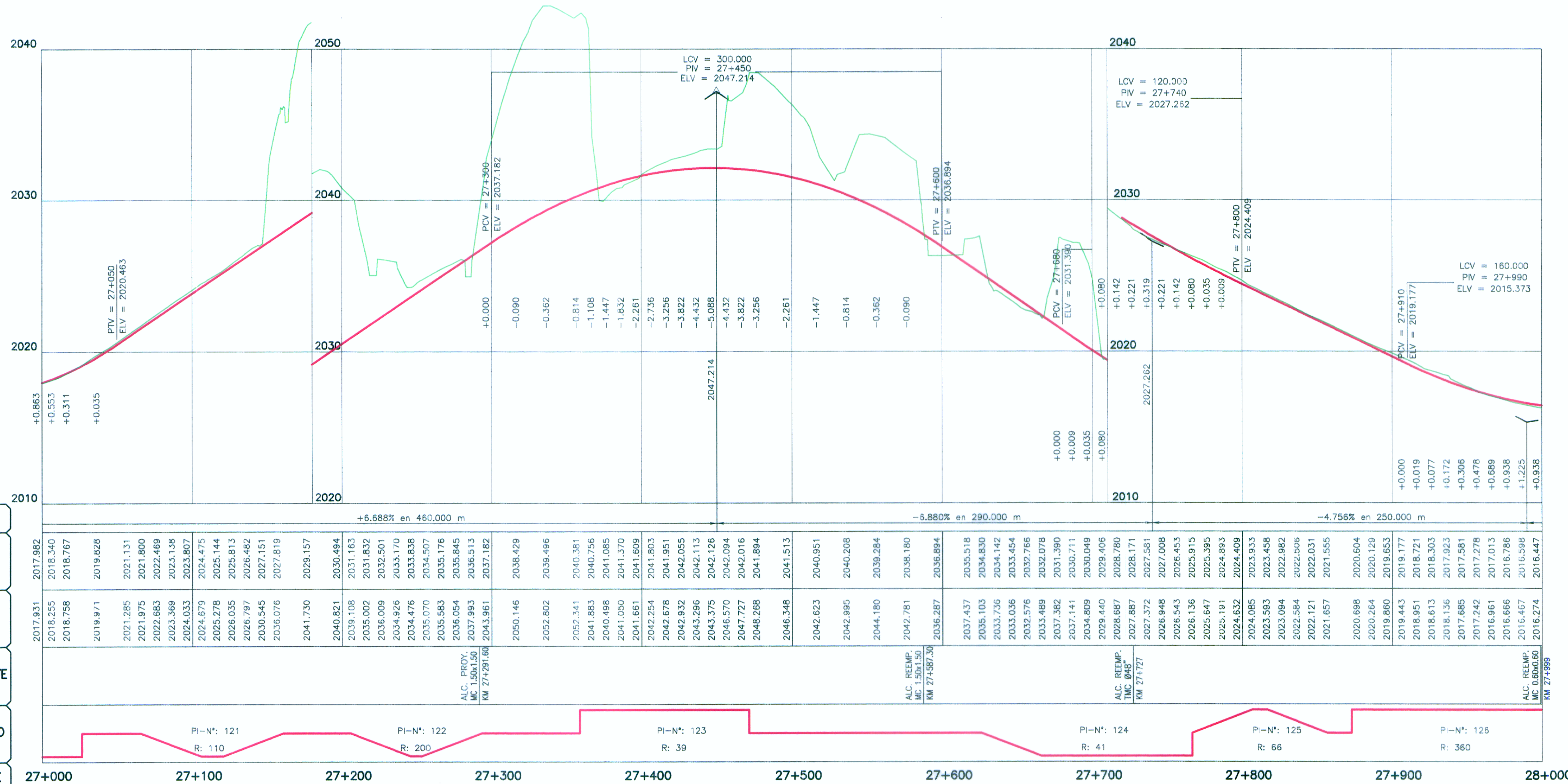
PLANTA  
1:2000

**BM-50**  
COTA: 2035.924

UBICACION: Km 27+200  
LADO: L.D. a 5.00 m del eje de la carretera  
REFERENCIAS: Marca sobre Hito de Concreto

**BM-51**  
COTA: 2037.589

UBICACION: Km 27+600  
LADO: L.D. a 2.25 m del eje de la carretera  
REFERENCIAS: Marca sobre Hito de Concreto



PENDIENTE	+6.688% en 460.000 m	-5.880% en 290.000 m	-4.756% en 250.000 m																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
COTA SUBRASANTE	2017.982	2018.340	2018.767	2019.828	2021.131	2021.800	2022.469	2023.136	2023.807	2024.475	2025.144	2025.813	2026.482	2027.151	2027.819	2028.487	2029.157	2030.821	2031.483	2032.145	2032.807	2033.469	2034.131	2034.793	2035.455	2036.117	2036.779	2037.441	2038.103	2038.765	2039.427	2040.089	2040.751	2041.413	2042.075	2042.737	2043.399	2044.061	2044.723	2045.385	2046.047	2046.709	2047.371	2048.033	2048.695	2049.357	2050.019	2050.681	2051.343	2052.005	2052.667	2053.329	2053.991	2054.653	2055.315	2055.977	2056.639	2057.301	2057.963	2058.625	2059.287	2059.949	2060.611	2061.273	2061.935	2062.597	2063.259	2063.921	2064.583	2065.245	2065.907	2066.569	2067.231	2067.893	2068.555	2069.217	2069.879	2070.541	2071.203	2071.865	2072.527	2073.189	2073.851	2074.513	2075.175	2075.837	2076.499	2077.161	2077.823	2078.485	2079.147	2079.809	2080.471	2081.133	2081.795	2082.457	2083.119	2083.781	2084.443	2085.105	2085.767	2086.429	2087.091	2087.753	2088.415	2089.077	2089.739	2090.401	2091.063	2091.725	2092.387	2093.049	2093.711	2094.373	2095.035	2095.697	2096.359	2097.021	2097.683	2098.345	2099.007	2099.669	2100.331	2100.993	2101.655	2102.317	2102.979	2103.641	2104.303	2104.965	2105.627	2106.289	2106.951	2107.613	2108.275	2108.937	2109.599	2110.261	2110.923	2111.585	2112.247	2112.909	2113.571	2114.233	2114.895	2115.557	2116.219	2116.881	2117.543	2118.205	2118.867	2119.529	2120.191	2120.853	2121.515	2122.177	2122.839	2123.501	2124.163	2124.825	2125.487	2126.149	2126.811	2127.473	2128.135	2128.797	2129.459	2130.121	2130.783	2131.445	2132.107	2132.769	2133.431	2134.093	2134.755	2135.417	2136.079	2136.741	2137.403	2138.065	2138.727	2139.389	2140.051	2140.713	2141.375	2142.037	2142.699	2143.361	2144.023	2144.685	2145.347	2146.009	2146.671	2147.333	2147.995	2148.657	2149.319	2149.981	2150.643	2151.305	2151.967	2152.629	2153.291	2153.953	2154.615	2155.277	2155.939	2156.601	2157.263	2157.925	2158.587	2159.249	2159.911	2160.573	2161.235	2161.897	2162.559	2163.221	2163.883	2164.545	2165.207	2165.869	2166.531	2167.193	2167.855	2168.517	2169.179	2169.841	2170.503	2171.165	2171.827	2172.489	2173.151	2173.813	2174.475	2175.137	2175.799	2176.461	2177.123	2177.785	2178.447	2179.109	2179.771	2180.433	2181.095	2181.757	2182.419	2183.081	2183.743	2184.405	2185.067	2185.729	2186.391	2187.053	2187.715	2188.377	2189.039	2189.701	2190.363	2191.025	2191.687	2192.349	2193.011	2193.673	2194.335	2194.997	2195.659	2196.321	2196.983	2197.645	2198.307	2198.969	2199.631	2200.293	2200.955	2201.617	2202.279	2202.941	2203.603	2204.265	2204.927	2205.589	2206.251	2206.913	2207.575	2208.237	2208.899	2209.561	2210.223	2210.885	2211.547	2212.209	2212.871	2213.533	2214.195	2214.857	2215.519	2216.181	2216.843	2217.505	2218.167	2218.829	2219.491	2220.153	2220.815	2221.477	2222.139	2222.801	2223.463	2224.125	2224.787	2225.449	2226.111	2226.773	2227.435	2228.097	2228.759	2229.421	2230.083	2230.745	2231.407	2232.069	2232.731	2233.393	2234.055	2234.717	2235.379	2236.041	2236.703	2237.365	2238.027	2238.689	2239.351	2240.013	2240.675	2241.337	2241.999	2242.661	2243.323	2243.985	2244.647	2245.309	2245.971	2246.633	2247.295	2247.957	2248.619	2249.281	2249.943	2250.605	2251.267	2251.929	2252.591	2253.253	2253.915	2254.577	2255.239	2255.901	2256.563	2257.225	2257.887	2258.549	2259.211	2259.873	2260.535	2261.197	2261.859	2262.521	2263.183	2263.845	2264.507	2265.169	2265.831	2266.493	2267.155	2267.817	2268.479	2269.141	2269.803	2270.465	2271.127	2271.789	2272.451	2273.113	2273.775	2274.437	2275.099	2275.761	2276.423	2277.085	2277.747	2278.409	2279.071	2279.733	2280.395	2281.057	2281.719	2282.381	2283.043	2283.705	2284.367	2285.029	2285.691	2286.353	2287.015	2287.677	2288.339	2289.001	2289.663	2290.325	2290.987	2291.649	2292.311	2292.973	2293.635	2294.297	2294.959	2295.621	2296.283	2296.945	2297.607	2298.269	2298.931	2299.593	2300.255	2300.917	2301.579	2302.241	2302.903	2303.565	2304.227	2304.889	2305.551	2306.213	2306.875	2307.537	2308.199	2308.861	2309.523	2310.185	2310.847	2311.509	2312.171	2312.833	2313.495	2314.157	2314.819	2315.481	2316.143	2316.805	2317.467	2318.129	2318.791	2319.453	2320.115	2320.777	2321.439	2322.101	2322.763	2323.425	2324.087	2324.749	2325.411	2326.073	2326.735	2327.397	2328.059	2328.721	2329.383	2330.045	2330.707	2331.369	2332.031	2332.693	2333.355	2334.017	2334.679	2335.341	2336.003	2336.665	2337.327	2337.989	2338.651	2339.313	2339.975	2340.637	2341.299	2341.961	2342.623	2343.285	2343.947	2344.609	2345.271	2345.933	2346.595	2347.257	2347.919	2348.581	2349.243	2349.905	2350.567	2351.229	2351.891	2352.553	2353.215	2353.877	2354.539	2355.201	2355.863	2356.525	2357.187	2357.849	2358.511	2359.173	2359.835	2360.497	2361.159	2361.821	2362.483	2363.145	2363.807	2364.469	2365.131	2365.793	2366.455	2367.117	2367.779	2368.441	2369.103	2369.765	2370.427	2371.089	2371.751	2372.413	2373.075	2373.737	2374.399	2375.061	2375.723	2376.385	2377.047	2377.709	2378.371	2379.033	2379.695	2380.357	2381.019	2381.681	2382.343	2383.005	2383.667	2384.329	2384.991	2385.653	2386.315	2386.977	2387.639	2388.301	2388.963	2389.625	2390.287	2390.949	2391.611	2392.273	2392.935	2393.597	2394.259	2394.921	2395.583	2396.245	2396.907	2397.569	2398.231	2398.893	2399.555	2400.217	2400.879	2401.541	2402.203	2402.865	2403.527	2404.189	2404.851	2405.513	2406.175	2406.837	2407.499	2408.161	2408.823	2409.485	2410.147	2410.809	2411.471	2412.133	2412.795	2413.457	2414.119	2414.781	2415.443	2416.105	2416.767	2417.429	2418.091	2418.753	2419.415	2420.077	2420.739	2421.401	2422.063	2422.725	2423.387	2424.049	2424.711	2425.373	2426.035	2426.697	2427.359	2428.021	2428.683	2429.345	2430.007	2430.669	2431.331	2431.993	2432.655	2433.317	2433.979	2434.641	2435.303	2435.965	2436.627	2437.289	2437.951	2438.613	2439.275	2439.937	2440.599	2441.261	2441.923	2442.585	2443.247	2443.909	2444.571	2445.233	2445.895	2446.557	2447.219	2447.881	2448.543	2449.205	2449.867	2450.529