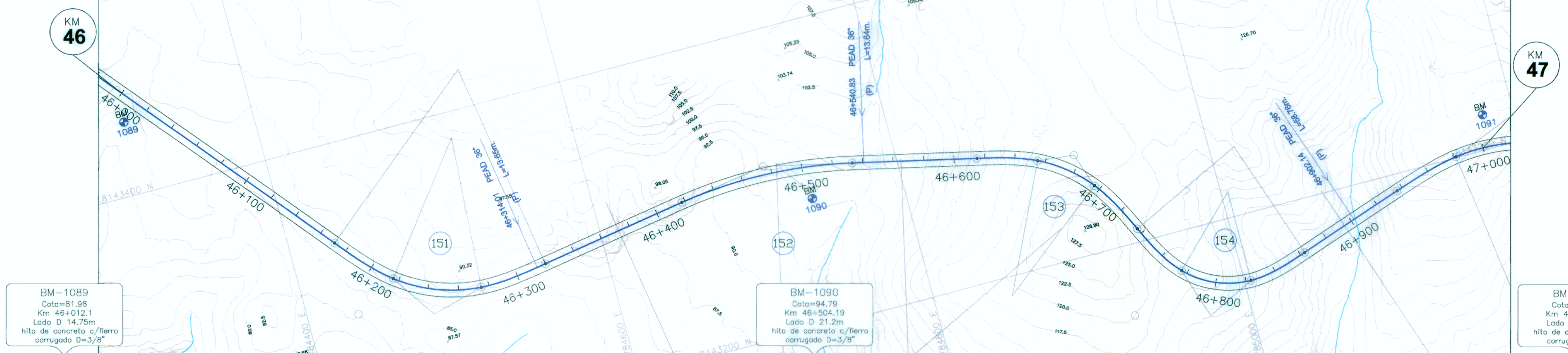
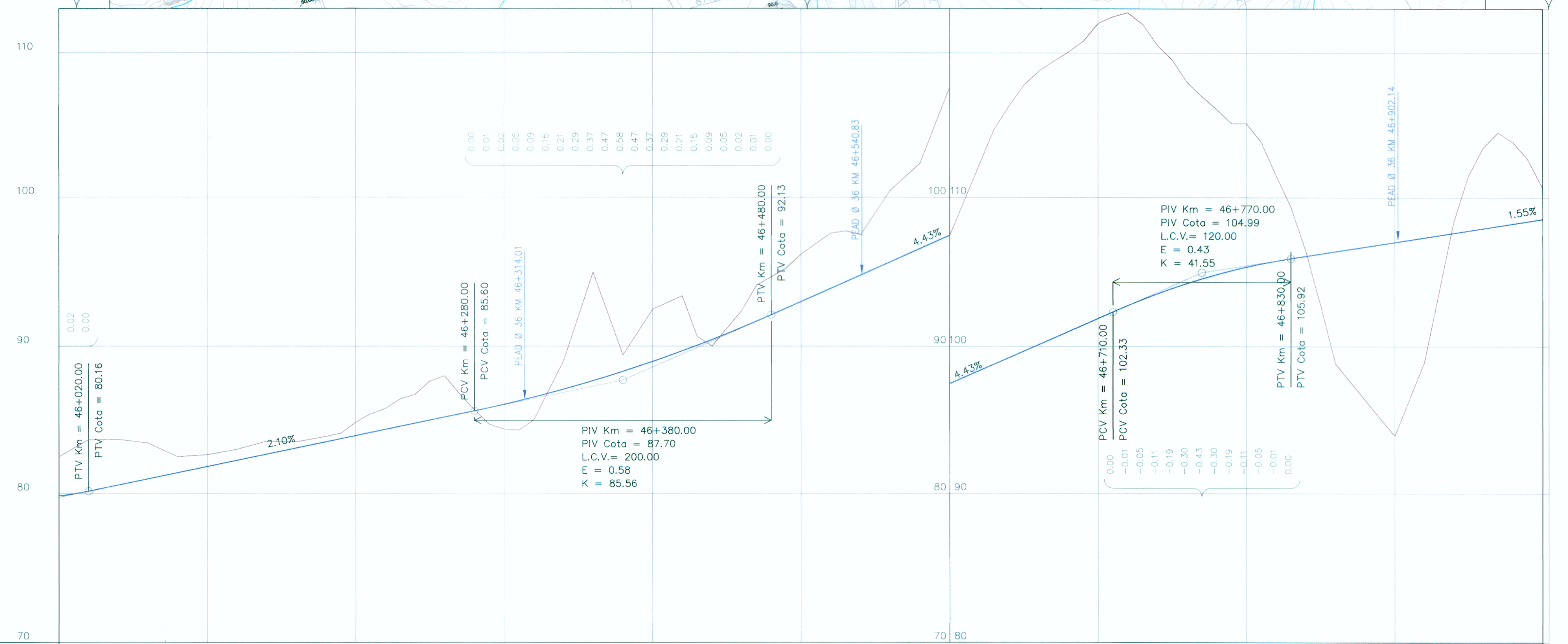


ESCALA
H : 1/2000



ELEMENTOS DE CURVAS HORIZONTALES																	
C.No	S	A.D.	R	T.G.	L.C.	Lsp e	TS	SC ó PC	PI	CS ó PT	ST	Lsp s	S.A.	P %	NORTE	ESTE	
151	I	59°28'46"	100.00	30.252	58.753	45.000	46+171.144	46+216.144	46+251.180	46+274.897	46+319.897	45.000	1.0	7.5	8143274.087	784481.075	
152	D	22°1'50"	300.00	58.397	115.352			46+417.897	46+476.295	46+533.249				0.5	4.5	8143311.752	784714.488
153	D	51°35'43"	90.00	20.886	41.046	40.000	46+614.993	46+654.993	46+678.820	46+696.038	46+736.038	40.000	1.1	8.0	8143266.341	784913.337	
154	I	83°11'140"	60.00	24.851	47.121	40.000	46+736.148	46+776.148	46+810.322	46+823.269	46+863.269	40.000	1.5	8.0	8143141.726	784972.884	

ESCALA
H : 1/2000
V : 1/200



PENDIENTE	2.10% en 220.0 m		4.43% en 390.0 m		1.55% en 730.0 m																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
COTA DE SUBRASANTE	79.83	79.97	80.16	80.36	80.57	80.78	80.99	81.20	81.41	81.62	81.83	82.04	82.25	82.46	82.67	82.88	83.09	83.30	83.51	83.72	83.93	84.14	84.35	84.56	84.77	84.98	85.19	85.39	85.60	85.82	86.05	86.29	86.54	86.80	87.07	87.36	87.65	87.96	88.28	88.62	88.96	89.32	89.68	90.06	90.45	90.86	91.27	91.70	92.13	92.58	93.02	93.46	93.91	94.35	94.79	95.24	95.68	96.12	96.57	97.01	97.44	97.85	98.22	98.59	98.96	99.32	99.68	100.06	100.45	100.86	101.27	101.70	102.13	102.58	103.02	103.46	103.91	104.35	104.79	105.24	105.68	106.12	106.57	107.01	107.44	107.85	108.22	108.59	108.96	109.32	109.68	110.06	110.45	110.86	111.27	111.70	112.13	112.58	113.02	113.46	113.91	114.35	114.79	115.24	115.68	116.12	116.57	117.01	117.44	117.85	118.22	118.59	118.96	119.32	119.68	120.06	120.45	120.86	121.27	121.70	122.13	122.58	123.02	123.46	123.91	124.35	124.79	125.24	125.68	126.12	126.57	127.01	127.44	127.85	128.22	128.59	128.96	129.32	129.68	130.06	130.45	130.86	131.27	131.70	132.13	132.58	133.02	133.46	133.91	134.35	134.79	135.24	135.68	136.12	136.57	137.01	137.44	137.85	138.22	138.59	138.96	139.32	139.68	140.06	140.45	140.86	141.27	141.70	142.13	142.58	143.02	143.46	143.91	144.35	144.79	145.24	145.68	146.12	146.57	147.01	147.44	147.85	148.22	148.59	148.96	149.32	149.68	150.06	150.45	150.86	151.27	151.70	152.13	152.58	153.02	153.46	153.91	154.35	154.79	155.24	155.68	156.12	156.57	157.01	157.44	157.85	158.22	158.59	158.96	159.32	159.68	160.06	160.45	160.86	161.27	161.70	162.13	162.58	163.02	163.46	163.91	164.35	164.79	165.24	165.68	166.12	166.57	167.01	167.44	167.85	168.22	168.59	168.96	169.32	169.68	170.06	170.45	170.86	171.27	171.70	172.13	172.58	173.02	173.46	173.91	174.35	174.79	175.24	175.68	176.12	176.57	177.01	177.44	177.85	178.22	178.59	178.96	179.32	179.68	180.06	180.45	180.86	181.27	181.70	182.13	182.58	183.02	183.46	183.91	184.35	184.79	185.24	185.68	186.12	186.57	187.01	187.44	187.85	188.22	188.59	188.96	189.32	189.68	190.06	190.45	190.86	191.27	191.70	192.13	192.58	193.02	193.46	193.91	194.35	194.79	195.24	195.68	196.12	196.57	197.01	197.44	197.85	198.22	198.59	198.96	199.32	199.68	200.06	200.45	200.86	201.27	201.70	202.13	202.58	203.02	203.46	203.91	204.35	204.79	205.24	205.68	206.12	206.57	207.01	207.44	207.85	208.22	208.59	208.96	209.32	209.68	210.06	210.45	210.86	211.27	211.70	212.13	212.58	213.02	213.46	213.91	214.35	214.79	215.24	215.68	216.12	216.57	217.01	217.44	217.85	218.22	218.59	218.96	219.32	219.68	220.06	220.45	220.86	221.27	221.70	222.13	222.58	223.02	223.46	223.91	224.35	224.79	225.24	225.68	226.12	226.57	227.01	227.44	227.85	228.22	228.59	228.96	229.32	229.68	230.06	230.45	230.86	231.27	231.70	232.13	232.58	233.02	233.46	233.91	234.35	234.79	235.24	235.68	236.12	236.57	237.01	237.44	237.85	238.22	238.59	238.96	239.32	239.68	240.06	240.45	240.86	241.27	241.70	242.13	242.58	243.02	243.46	243.91	244.35	244.79	245.24	245.68	246.12	246.57	247.01	247.44	247.85	248.22	248.59	248.96	249.32	249.68	250.06	250.45	250.86	251.27	251.70	252.13	252.58	253.02	253.46	253.91	254.35	254.79	255.24	255.68	256.12	256.57	257.01	257.44	257.85	258.22	258.59	258.96	259.32	259.68	260.06	260.45	260.86	261.27	261.70	262.13	262.58	263.02	263.46	263.91	264.35	264.79	265.24	265.68	266.12	266.57	267.01	267.44	267.85	268.22	268.59	268.96	269.32	269.68	270.06	270.45	270.86	271.27	271.70	272.13	272.58	273.02	273.46	273.91	274.35	274.79	275.24	275.68	276.12	276.57	277.01	277.44	277.85	278.22	278.59	278.96	279.32	279.68	280.06	280.45	280.86	281.27	281.70	282.13	282.58	283.02	283.46	283.91	284.35	284.79	285.24	285.68	286.12	286.57	287.01	287.44	287.85	288.22	288.59	288.96	289.32	289.68	290.06	290.45	290.86	291.27	291.70	292.13	292.58	293.02	293.46	293.91	294.35	294.79	295.24	295.68	296.12	296.57	297.01	297.44	297.85	298.22	298.59	298.96	299.32	299.68	300.06	300.45	300.86	301.27	301.70	302.13	302.58	303.02	303.46	303.91	304.35	304.79	305.24	305.68	306.12	306.57	307.01	307.44	307.85	308.22	308.59	308.96	309.32	309.68	310.06	310.45	310.86	311.27	311.70	312.13	312.58	313.02	313.46	313.91	314.35	314.79	315.24	315.68	316.12	316.57	317.01	317.44	317.85	318.22	318.59	318.96	319.32	319.68	320.06	320.45	320.86	321.27	321.70	322.13	322.58	323.02	323.46	323.91	324.35	324.79	325.24	325.68	326.12	326.57	327.01	327.44	327.85	328.22	328.59	328.96	329.32	329.68	330.06	330.45	330.86	331.27	331.70	332.13	332.58	333.02	333.46	333.91	334.35	334.79	335.24	335.68	336.12	336.57	337.01	337.44	337.85	338.22	338.59	338.96	339.32	339.68	340.06	340.45	340.86	341.27	341.70	342.13	342.58	343.02	343.46	343.91	344.35	344.79	345.24	345.68	346.12	346.57	347.01	347.44	347.85	348.22	348.59	348.96	349.32	349.68	350.06	350.45	350.86	351.27	351.70	352.13	352.58	353.02	353.46	353.91	354.35	354.79	355.24	355.68	356.12	356.57	357.01	357.44	357.85	358.22	358.59	358.96	359.32	359.68	360.06	360.45	360.86	361.27	361.70	362.13	362.58	363.02	363.46	363.91	364.35	364.79	365.24	365.68	366.12	366.57	367.01	367.44	367.85	368.22	368.59	368.96	369.32	369.68	370.06	370.45	370.86	371.27	371.70	372.13	372.58	373.02	373.46	373.91	374.35	374.79	375.24	375.68	376.12	376.57	377.01	377.44	377.85	378.22	378.59	378.96	379.32	379.68	380.06	380.45	380.86	381.27	381.70	382.13	382.58	383.02	383.46	383.91	384.35	384.79	385.24	385.68	386.12	386.57	387.01	387.44	387.85	388.22	388.59	388.96	389.32	389.68	390.06	390.45	390.86	391.27	391.70	392.13	392.58	393.02	393.46	393.91	394.35	394.79	395.24	395.68	396.12	396.57	397.01	397.44	397.85	398.22	398.59	398.96	399.32	399.68	400.06	400.45	400.86	401.27	401.70	402.13	402.58	403.02	403.46	403.91	404.35	404.79	405.24	405.68	406.12	406.57	407.01	407.44	407.85	408.22	408.59	408.96	409.32	409.68	410.06	410.45	410.86	411.27	411.70	412.13	412.58	413.02	413.46	413.91	414.35	414.79	415.24	415.68	416.12	416.57	417.01	417.44	417.85	418.22	418.59	418.96	419.32	419.68	420.06	420.45	420.86	421.27	421.70	422.13	422.58	423.02	423.46	423.91	424.35	424.79	425.24	425.68	426.12	426.57	427.01	427.44	427.85	428.22	428.59	428.96	429.32	429.68	430.06	430.45	430.86	431.27	431.70	432.13	432.58	433.02	433.46	433.91	434.35	434.79	435.24	435.68	436.12	436.57	437.01	437.44	437.85	438.22	438.59	438.96	439.32	439.68	440.06	440.45	440.86	441.27	441.70	442.13	442.58	443.02	443.46	443.91	444.35	444.79	445.24	445.68	446.12	446.57	447.01	447.44	447.85	448.22	448.59	448.96	449.32	449.68	450.06	450.45	450.86	451.27	451.70	452.13	452.58	453.02	453.46	453.91	454.35	454.79	455.24	455.68	456.12	456.57	457.01	457.44	457.85	458.22	458.59	458.96	459.32	459.68	460.06	460.45	460.86	461.27	461.70	462.13	462.58	463.02	463.46	463.91	464.35	464.79	465.24	465.68	466.12	466.57	467.01	467.44	467.85	468.22	468.59	468.96	469.32	469.68	470.06	470.45	470.86	471.27	471.70	472.13	472.58	473.02	473.46	473.91	474.35	4