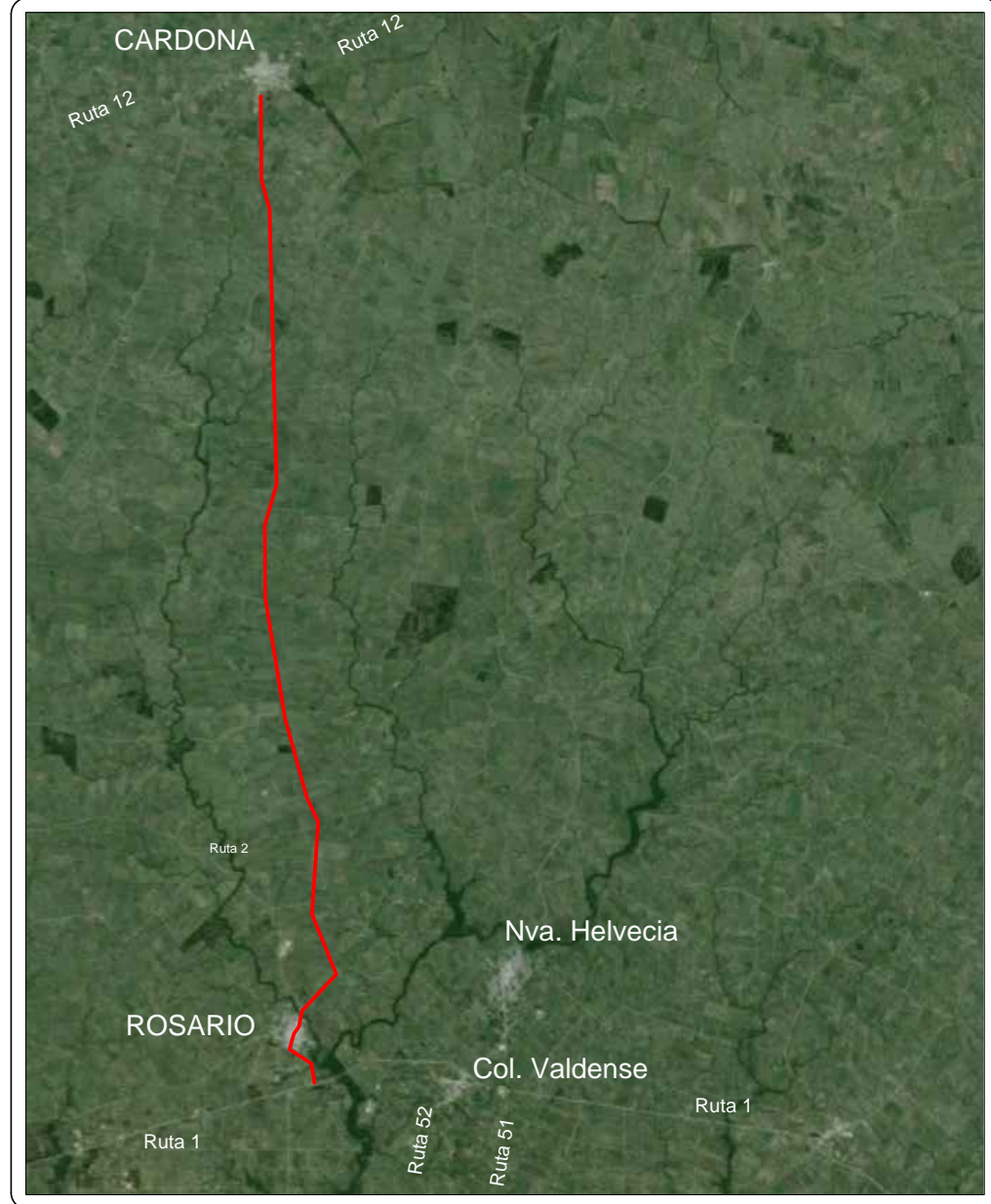


## CROQUIS DE UBICACIÓN



## SISTEMA DE COORDENADAS

### PROYECCION MERCATOR TRANSVERSA

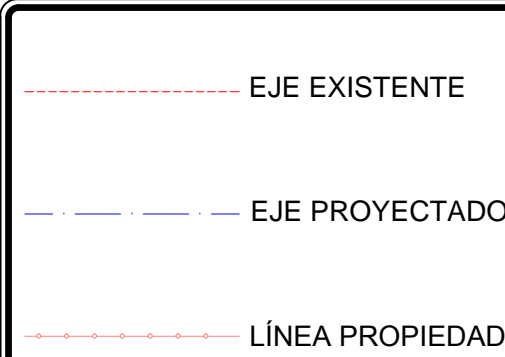
PUNTO	COORDENADAS	LOCALES	GEODESICAS
BASE KM	X	30000.00	34°05'29.03451" S
158	Y	30000.00	57°22'12.77085" W
	Z	100.00	

UBICACIÓN: KM 158  
En faja

REFERENCIAS:  
Poste alambrado a 7.23 m  
PK 158 a 7.61 m



## REFERENCIAS



## COORDENADAS MOJONES REFERENCIA

PUNTO	COORDENADAS			LATITUD	LONGITUD
	X	Y	Z		
M.R. 158K000	30000.00	30000.00	100.00	34°05'29.03451" S	57°22'12.77085" W
M.R. 158K000	30050.76	31802.03	105.64	34°04'30.54848" S	57°22'10.7622" W
M.R. 161K000	30365.9	32903.19	106.30	34°03'53.18746" S	57°21'58.50110" W
M.R. 162K000	30660.54	33902.02	105.89	34°03'30.44607" S	57°21'47.01510" W
M.R. 163K000	30920.29	35014.00	110.06	34°02'39.61907" S	57°21'10.15480" W
M.R. 164K000	30463.36	30736.24	112.21	34°02'22.89548" S	57°21'54.69610" W
M.R. 165K000	30233.81	37504.84	108.68	34°01'33.84234" S	57°22'03.86180" W
M.R. 166K000	30304.05	38282.82	90.77	34°01'00.21824" S	57°22'00.91900" W
M.R. 167K000	30364.83	39197.24	80.15	34°00'30.53868" S	57°21'58.55880" W
M.R. 168K000	30110.87	38833.39	95.85	34°00'09.09272" S	57°22'08.45780" W
M.R. 169K000	30106.17	40602.22	106.60	33°59'44.62613" S	57°22'08.63370" W
M.R. 169K000	30144.82	41611.11	109.35	33°59'12.16845" S	57°22'07.12940" W
M.R. 170K000	30159.87	42500.96	113.89	33°58'43.31568" S	57°22'06.54350" W
M.R. 172K000	30204.37	44462.31	124.03	33°57'39.60796" S	57°22'04.80800" W
M.R. 174K000	30231.81	45749.65	121.28	33°56'57.87783" S	57°22'03.73780" W
M.R. 174K000	30217.19	46097.81	120.60	33°56'46.67503" S	57°22'04.26512" W
M.R. 175K000	30250.82	46721.24	124.26	33°56'26.34438" S	57°22'03.01081" W
M.R. 176K000	30280.44	47544.43	106.24	33°55'58.62349" S	57°22'03.01960" W
M.R. 176K000	30287.89	47927.97	112.41	33°55'47.71807" S	57°22'02.94777" W
M.R. 176K000	30172.45	48218.00	134.81	33°55'37.76807" S	57°22'06.05857" W
M.R. 177K000	30208.86	48792.02	136.81	33°55'19.13641" S	57°22'11.72730" W
M.R. 177K000	29805.07	48500.44	140.27	33°54'55.16407" S	57°22'20.30880" W
M.R. 178K000	29825.97	50136.72	131.54	33°54'35.48823" S	57°22'19.54540" W
M.R. 179K000	29805.90	50710.10	133.63	33°54'16.87809" S	57°22'20.32971" W
M.R. 179K000	29826.76	51227.47	130.54	33°54'00.08602" S	57°22'19.51470" W

TABLA ALINEAMIENTO RUTA 2							
Elemento	Rumbo (referido al Norte)	Longitud	Radio	INICIO	FIN	X	Y
L23	N1° 14' 50.16"E	1000.00		24+600.00	25+600.00	29980.27	29608.90
L24	N1° 18' 39.71"E	923.00		25+600.00	26+523.00	30002.03	30608.67
S25		60.00		26+523.00	26+583.00	30023.15	31591.38
C15		161.66	900.00	26+583.00	26+744.65	30026.39	31672.80
S26		60.00		26+744.65	26+804.65	30048.68	31809.12
L25	N15° 25' 20.27"E	2118.04		26+804.65	28+922.70	30063.99	31809.12
S27		60.00		28+922.70	28+982.70	30627.25	33908.98
C16		174.08	600.00	28+982.70	29+156.78	30666.76	33994.14
S28		60.00		29+156.78	29+216.78	30655.08	34141.64
L26	N6° 55' 50.40"W	1834.24		29+216.78	31+051.02	30648.83	34141.64
L27	N6° 53' 16.16"W	537.49		31+051.02	31+588.51	30427.50	35962.49
C17		22.98	3500.00	31+588.51	31+611.49	30361.66	36507.51
L28	N6° 30' 41.91"W	276.99		31+611.49	31+888.49	30360.36	36518.92
C18		23.10	3500.00	31+888.49	31+911.59	30327.63	36805.61
L29	N6° 53' 23.43"W	624.54		31+911.59	32+536.13	30326.25	36817.08
S29		60.00		32+536.13	32+596.13	30251.33	37496.80
C19		35.54	500.00	32+596.13	32+631.68	30241.98	37514.49
S30		60.00		32+631.68	32+691.68	30244.45	37592.24
L30	N4° 03' 31.61"E	696.25		32+691.68	33+387.93	30247.49	37592.24
L31	N4° 14' 26.83"E	764.68		33+387.93	34+152.61	30296.77	38286.74
S31		60.00		34+152.61	34+212.61	30353.32	39109.23
C20		186.83	500.00	34+212.61	34+399.44	30364.86	39204.96
S32		60.00		34+399.44	34+459.44	30324.62	39347.48

TABLA ALINEAMIENTO RUTA 2							
Elemento	Rumbo (referido al Norte)	Longitud	Radio	INICIO	FIN	X	Y
L32	N24° 02' 38.51"W	347.54		34+459.44	34+806.98	30301.28	39347.48
S33		60.00		34+806.98	34+866.98	30159.68	39720.12
C21		164.42	510.00	34+866.98	35+031.41	30100.96	39796.48
S34		60.00		35+031.41	35+091.41	30103.85	39940.57
L33	N1° 10' 07.01"E	3951.92		35+091.41	39+043.32	30103.90	39940.57
L34	N1° 10' 03.16"E	1953.26		39+043.32	40+996.59	30184.49	43891.66
L35	N1° 10' 47.20"E	1003.76		40+996.59	42+000.35	30224.29	45844.52
L36	N1° 14' 28.39"E	921.19		42+000.35	42+921.54	30244.96	46848.07
S35		60.00		42+921.54	42+981.54	30264.92	47829.04
C22		146.32	700.00	42+981.54	43+127.86	30267.82	47902.95
S36		60.00		43+127.86	43+187.86	30247.05	48031.93
L37	N15° 38' 45.45"W	749.80		43+187.86	43+937.66	30231.69	48031.93
L38	N15° 41' 05.16"W	704.12		43+937.66	44+641.77	30029.48	48753.95
S37		60.00		44+641.77	44+701.77	29839.12	49489.89
C23		93.43	550.00	44+701.77	44+795.21	29810.13	49535.11
S38		60.00		44+795.21	44+855.21	29811.47	49642.36
L39	N0° 17' 56.69"E	1504.68		44+855.21	46+359.89	29810.69	49642.36
L40	N0° 17' 41.38"E	1401.76		46+359.89	47+761.65	29818.54	51147.02