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CANAL RUTA 32

TRAMO:

RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

INFORME FINAL

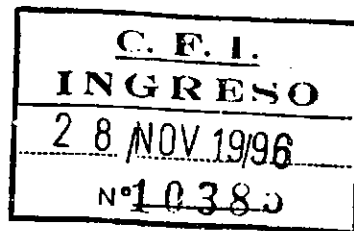


AUTOR: Ing. Ricardo A. Robul

NOVIEMBRE 1996

Santa Fe, 27 de Noviembre de 1996

Señor Secretario General
CONSEJO FEDERAL DE INVERSIONES
Ing. Juan José Ciáccera
S _____ / _____ D



**Ref.: Contrato de Locación de obras
Elevación de informes**

Tengo el agrado de dirigirme a Ud. con el objeto de elevar a su consideración los informes parciales y finales correspondientes a:

Tarea 1.3. Informe final : Análisis y sistematización de la información topográfica: Canal Ruta 32 en el Tramo entre la Ruta Pcial. Nº 77 y la Interprovincial Nº 35

Tarea 2.3. Informe parcial: Plan Integral de Alcantarillado: Subproyecto Pozo Borrado, Camino Vecinal Los Molles, en el Tramo entre la Bifurcación y la Ruta Interprovincial Nº 35

según detalle del plan de trabajo del Contrato de Locación de Obra celebrado entre el Consejo Federal de Inversiones y el suscripto.

Los mismos, han sido desarrollados según los requerimientos e instrucciones recibidas de la Unidad Técnica Provincial del Convenio Consejo Federal de Inversiones - Provincia de Santa Fe.

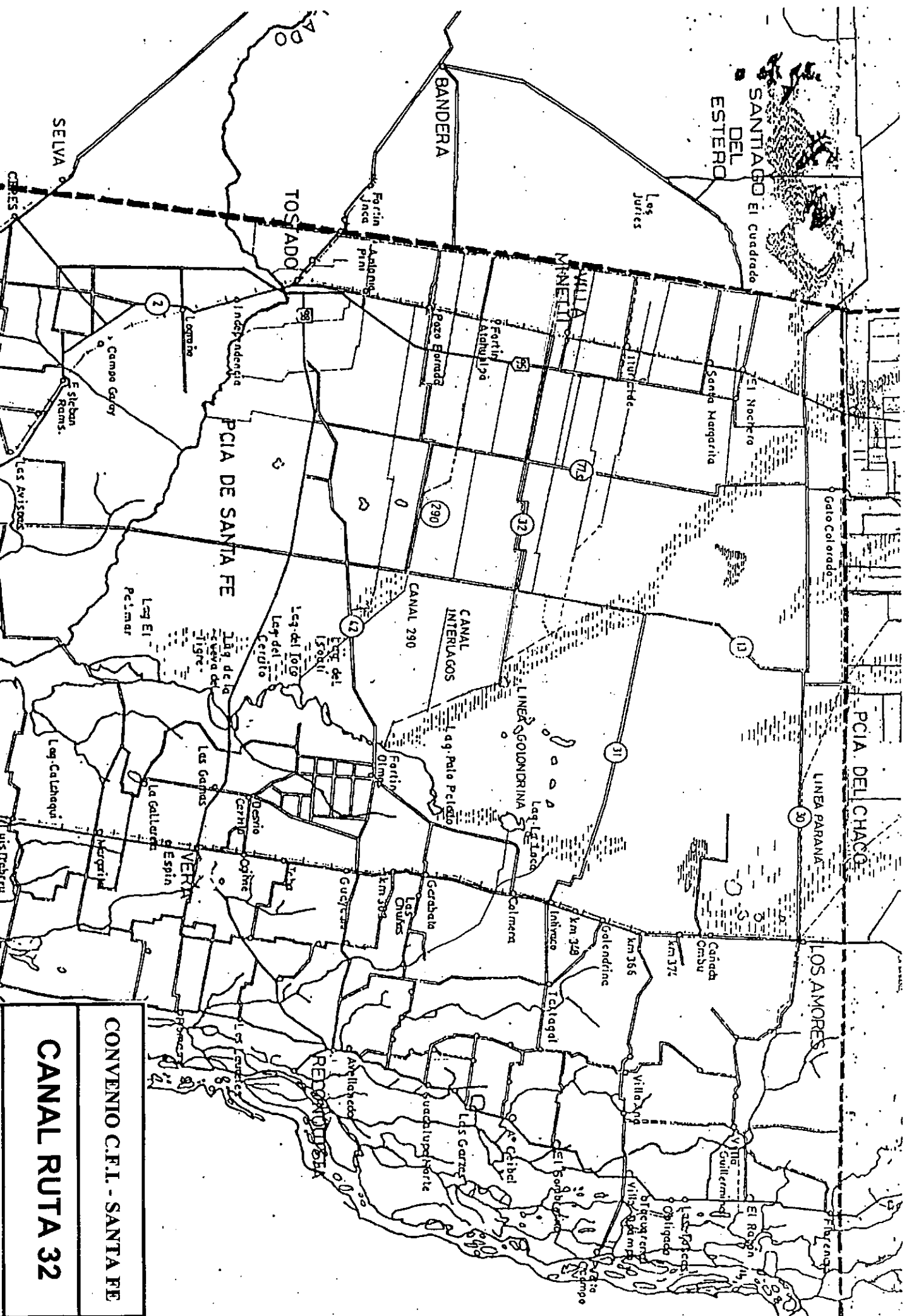
Saludo a Ud. atentamente.

Ing. RICARDO A. ROBUL
J. M. Zuviria 1332
Tel. 042-692281

**ANALISIS Y SISTEMATIZACION DE LA
INFORMACION TOPOGRAFICA**

**CONFECCION DE PERFILES Y ESTIMACION DEL
COMPORTAMIENTO HIDRAULICO DEL CANAL ACTUAL**

v. 12



CONVENIO C.F.I. - SANTA FE
CANAL RUTA 32

INTRODUCCION

El presente informe consiste en el relevamiento del Sistema Hidrovia Ruta 32 perteneciente al Comité de Cuenca Villa Minetti - San Bernardo, en el tramo comprendido entre la Ruta Provincial N° 77 y la Ruta Interprovincial N° 35.

Este Canal comienza en las inmediaciones de la Laguna La Tigra, y constituye un ramal secundario del Sistema de Saneamiento del Canal Interlagos y es emisario de una red terciaria que alcanza el área extremo oeste, hasta el límite con la Provincia de Santiago del Estero, interceptando a la Ruta Interprovincial N° 35 (Progresiva 116+000) al norte de la localidad de Las Arenas (Plano N° 1).

Durante su desarrollo recibe los aportes del área de influencia sin tener canales importantes que desemboquen en el mismo.

Con una longitud de 116 Km. intercepta en su recorrido a la Ruta Provincial N° 13 (Progresiva 26+500), Provincial N° 77 (Progresiva 62+500), la Nacional N° 95 (Progresiva 87+640), la Provincial N° 91 y las vías del FF. CC. Gral. Belgrano (Progresiva 97+650) y la Ruta Interprovincial N° 35.

MEMORIA TECNICA

El siguiente informe se refiere al análisis y sistematización de la información topográfica y consiste en la confección de perfiles y estimación del comportamiento hidráulico del canal actual en el Tramo mencionado, con una longitud de 53.5 Km. considerándose para dicho estudio la progresiva 0+000 en la Ruta Provincial N° 77 y correspondiendo a la Ruta Nacional N° 95 la Progresiva 25+140, a la Provincial N° 91 y las vías del FF. CC. Gral. Belgrano la Progresiva 35+150 y a la Ruta Interprovincial N° 35 la Progresiva 53+500 (Plano N° 2).

En el tramo se realizaron perfiles con una equidistancia de 1000 metros y un perfil longitudinal con datos tomados cada 100 metros lo cual nos permite estimar la capacidad de transporte por tramo dependiendo de la pendiente y el tirante medio del mismo.

El canal actualmente tiene la capacidad de transportar un caudal que varía de hasta aproximadamente 2.50 m³/seg. (Prog. 7+000 - 15+000) a 0.20 m³/seg. (Prog. 42+900 - 45+700). Esto es debido a que el canal se construyó con una sección considerable hasta la progresiva 43+000, pero sin tener un proyecto para el mismo resultando una sección variable, y a partir de allí se realizó un cuneteo.

PERFIL LONGITUDINAL

**NIVELACION CORREGIDA CON
PUNTOS FIJOS I.G.M.**

PERFIL LONGITUDINAL RUTA PROVINCIAL N° 32
TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
I.G.M. 57		1 833			69.02	67.184
Alc. 1	0		2.84		69.02	66.18
CALZ.	0		1.50		69.02	67.52
F.C.	0		2.99		69.02	66.03
T.N.	0		2.09		69.02	66.93
P. F. 0	0	1.134		1.508	68.64	67.509
Alc. 2	0		2.63		68.64	66.01
Alc. 3	0		3.08		68.64	65.56
Alc. 4	0		3.04		68.64	65.60
CALZ.	100		1.47		68.64	67.17
F.C.	100		2.70		68.64	65.94
T.N.	100		1.79		68.64	66.85
PP	200	1.469		1.414	68.70	67.229
CALZ.	200		1.44		68.70	67.26
F.C.	200		2.74		68.70	65.96
T.N.	200		1.76		68.70	66.94
CALZ.	300		1.47		68.70	67.23
F.C.	300		2.69		68.70	66.01
T.N.	300		1.70		68.70	67.00
PP	400	1.498		1.424	68.77	67.274
CALZ.	400		1.50		68.77	67.27
F.C.	400		2.70		68.77	66.07
T.N.	400		1.71		68.77	67.06
CALZ.	500		1.49		68.77	67.28
F.C.	500		2.65		68.77	66.12
T.N.	500		1.77		68.77	67.00
PP	600	1.399		1.438	68.73	67.334
CALZ.	600		1.42		68.73	67.31
F.C.	600		2.60		68.73	66.15
T.N.	600		1.68		68.73	67.05
CALZ.	700		1.48		68.73	67.25
F.C.	700		2.58		68.73	66.15
T.N.	700		1.67		68.73	67.06
PP	800	1.518		1.452	68.80	67.281
CALZ.	800		1.50		68.80	67.30
F.C.	800		2.65		68.80	66.15
T.N.	800		1.65		68.80	67.15
CALZ.	900		1.47		68.80	67.35
F.C.	900		2.65		68.80	66.15
T.N.	900		1.64		68.80	67.16
P.F. 1	1000	0.885		0.916	68.77	67.883
CALZ.	1000		1.46		68.77	67.31
F.C.	1000		2.56		68.77	66.203
T.N.	1000		1.67		68.77	67.10
CALZ.	1100		1.47		68.77	67.30
F.C.	1100		2.60		68.77	66.17
T.N.	1100		1.71		68.77	67.06
PP	1200	1.532		1.324	68.98	67.444
CALZ.	1200		1.56		68.98	67.42
F.C.	1200		2.75		68.98	66.23
T.N.	1200		1.77		68.98	67.21
CALZ.	1300		1.52		68.98	67.46
F.C.	1300		2.80		68.98	66.18
T.N.	1300		1.73		68.98	67.25
PP	1400	1.490		1.449	69.02	67.527
CALZ.	1400		1.51		69.02	67.51
F.C.	1400		2.78		69.02	66.24
T.N.	1400		1.80		69.02	67.22
CALZ.	1500		1.54		69.02	67.48
F.C.	1500		2.82		69.02	66.20
T.N.	1500		1.80		69.02	67.22
PP	1600	1.541		1.539	69.02	67.478

PERFIL LONGITUDINAL RUTA PROVINCIAL Nº 32
TRAMO RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PP	1600	1.541		1.539	69.02	67.478
CALZ.	1600		1.58		69.02	67.44
F.C.	1600		2.74		69.02	66.28
T.N.	1600		1.76		69.02	67.26
CALZ.	1700		1.47		69.02	67.55
F.C.	1700		2.67		69.02	66.35
T.N.	1700		1.74		69.02	67.28
PP	1800	1.589		1.519	69.09	67.500
CALZ.	1800		1.59		69.09	67.50
F.C.	1800		2.65		69.09	66.44
T.N.	1800		1.75		69.09	67.34
CALZ.	1900		1.40		69.09	67.69
F.C.	1900		2.75		69.09	66.34
T.N.	1900		1.65		69.09	67.44
P.F. 2	2000	0.924		0.829	69.18	68.260
CALZ.	2000		1.51		69.18	67.67
F.C.	2000		2.71		69.18	66.47
T.N.	2000		1.67		69.18	67.51
CALZ.	2100		1.43		69.18	67.75
F.C.	2100		2.77		69.18	66.41
T.N.	2100		1.70		69.18	67.48
PP	2200	1.383		1.471	69.10	67.713
CALZ.	2200		1.31		69.10	67.79
F.C.	2200		2.80		69.10	66.30
T.N.	2200		1.50		69.10	67.60
CALZ.	2300		1.40		69.10	67.70
F.C.	2300		2.71		69.10	66.39
T.N.	2300		1.74		69.10	67.36
PP	2400	1.580		1.409	69.27	67.687
CALZ.	2400		1.50		69.27	67.77
F.C.	2400		2.80		69.27	66.47
T.N.	2400		1.82		69.27	67.45
CALZ.	2500		1.48		69.27	67.79
F.C.	2500		2.77		69.27	66.50
T.N.	2500		1.68		69.27	67.59
PP	2600	1.502		1.451	69.32	67.816
CALZ.	2600		1.45		69.32	67.87
F.C.	2600		2.91		69.32	66.41
T.N.	2600		1.70		69.32	67.62
CALZ.	2700		1.42		69.32	67.90
F.C.	2700		2.85		69.32	66.47
T.N.	2700		1.68		69.32	67.64
PP	2800	1.608		1.485	69.44	67.833
CALZ.	2800		1.57		69.44	67.87
F.C.	2800		2.91		69.44	66.53
T.N.	2800		1.76		69.44	67.68
CALZ.	2900		1.50		69.44	67.94
F.C.	2900		2.88		69.44	66.56
T.N.	2900		1.75		69.44	67.69
P.F. 3	3000	0.941		0.922	69.46	68.519
I.O.M. 68	3000		1.398		69.46	68.062
CALZ.	3000		1.54		69.46	67.92
F.C.	3000		2.86		69.46	66.60
T.N.	3000		1.74		69.46	67.72
CALZ.	3100		1.41		69.46	68.05
F.C.	3100		2.94		69.46	66.52
T.N.	3100		1.71		69.46	67.75
PP	3200	1.562		1.468	69.55	67.992
CALZ.	3200		1.56		69.55	67.99
F.C.	3200		2.99		69.55	66.56
T.N.	3200		1.75		69.55	67.80
CALZ.	3300		1.46		69.55	68.09
F.C.	3300		3.07		69.55	66.48
T.N.	3300		1.76		69.55	67.79
PP	3400	1.460		1.458	69.56	68.096
CALZ.	3400		1.46		69.55	68.09
F.C.	3400		3.00		69.56	66.56
T.N.	3400		1.69		69.55	67.86
CALZ.	3500		1.49		69.56	68.07
F.C.	3500		2.80		69.55	66.75
T.N.	3500		1.59		69.56	67.97
PP	3600	1.465		1.541	69.48	68.015

PERFIL LONGITUDINAL RUTA PROVINCIAL Nº 32
 TRAMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PP	3600	1.465		1.541	69.48	68.015
CALZ.	3600		1.48		69.48	68.00
F.C.	3600		2.76		69.48	66.72
T.N.	3600		1.60		69.48	67.88
CALZ.	3700		1.46		69.48	68.02
F.C.	3700		2.74		69.48	66.74
T.N.	3700		1.41		69.48	68.07
PP	3800	1.549		1.407	69.62	68.073
CALZ.	3800		1.51		69.62	68.11
F.C.	3800		2.92		69.62	66.70
T.N.	3800		1.63		69.62	67.99
CALZ.	3900		1.44		69.62	68.18
F.C.	3900		2.94		69.62	66.68
T.N.	3900		1.60		69.62	68.02
Aic.	3877		2.88		69.62	66.74
P.F. 4	4000	1.052		0.910	69.76	68.712
CALZ.	4000		1.45		69.76	68.31
F.C.	4000		3.03		69.76	66.73
T.N.	4000		1.75		69.76	68.01
CALZ.	4100		1.39		69.76	68.37
F.C.	4100		3.01		69.76	66.75
T.N.	4100		1.80		69.76	67.96
PP	4200	1.360		1.401	69.72	68.363
CALZ.	4200		1.30		69.72	68.42
F.C.	4200		3.01		69.72	66.71
T.N.	4200		1.64		69.72	68.08
CALZ.	4300		1.33		69.72	68.39
F.C.	4300		2.98		69.72	66.74
T.N.	4300		1.70		69.72	68.02
PP	4400	1.520		1.388	69.86	68.335
CALZ.	4400		1.39		69.86	68.47
F.C.	4400		3.07		69.86	66.79
T.N.	4400		1.75		69.86	68.11
CALZ.	4500		1.37		69.86	68.49
F.C.	4500		2.97		69.86	66.89
T.N.	4500		1.73		69.86	68.13
PP	4600	1.529		1.342	70.04	68.513
CALZ.	4600		1.48		70.04	68.56
F.C.	4600		3.22		70.04	66.82
T.N.	4600		1.86		70.04	68.18
CALZ.	4700		1.46		70.04	68.58
F.C.	4700		3.21		70.04	66.83
T.N.	4700		1.75		70.04	68.29
PP	4800	1.513		1.542	70.01	68.500
CALZ.	4800		1.45		70.01	68.56
F.C.	4800		3.20		70.01	66.81
T.N.	4800		1.93		70.01	68.08
CALZ.	4900		1.41		70.01	68.60
F.C.	4900		3.07		70.01	66.94
T.N.	4900		1.80		70.01	68.21
P.F. 5	5000	1.254		1.249	70.02	68.764
CALZ.	5000		1.31		70.02	68.71
F.C.	5000		3.13		70.02	66.89
T.N.	5000		1.69		70.02	68.33
CALZ.	5100		1.34		70.02	68.68
F.C.	5100		2.97		70.02	67.05
T.N.	5100		1.66		70.02	68.36
PP	5200	1.571		1.540	70.05	68.478
CALZ.	5200		1.56		70.05	68.49
F.C.	5200		2.87		70.05	67.18
T.N.	5200		1.76		70.05	68.29
CALZ.	5300		1.45		70.05	68.60
F.C.	5300		2.88		70.05	67.17
T.N.	5300		1.76		70.05	68.29
PP	5400	1.448		1.448	70.05	68.601

PERFIL LONGITUDINAL RUTA PROVINCIAL N° 32
 TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PP	5400	1.448		1.448	70.05	68.601
CALZ.	5400		1.36		70.05	68.69
F.C.	5400		2.97		70.05	67.08
T.N.	5400		1.75		70.05	68.30
CALZ.	5500		1.49		70.05	68.56
F.C.	5500		2.86		70.05	67.19
T.N.	5500		1.71		70.05	68.34
PP	5600	1.533		1.401	70.18	68.648
CALZ.	5600		1.48		70.18	68.70
F.C.	5600		2.77		70.18	67.41
T.N.	5600		1.83		70.18	68.35
CALZ.	5700		1.50		70.18	68.68
F.C.	5700		2.97		70.18	67.21
T.N.	5700		1.80		70.18	68.38
PP	5800	1.508		1.589	70.10	68.592
CALZ.	5800		1.44		70.10	68.66
F.C.	5800		2.79		70.10	67.31
T.N.	5800		1.61		70.10	68.49
CALZ.	5900		1.74		70.10	68.36
F.C.	5900		2.84		70.10	67.26
T.N.	5900		1.65		70.10	68.45
PP	6000	1.570		1.339	70.33	68.761
P.F. 6	6000		1.10		70.33	69.232
CALZ.	6000		1.60		70.33	68.73
F.C.	6000		2.83		70.33	67.50
T.N.	6000		1.75		70.33	68.58
CALZ.	6100		1.47		70.33	68.86
F.C.	6100		3.01		70.33	67.32
T.N.	6100		1.80		70.33	68.53
PP	6200	1.454		1.464	70.32	68.867
CALZ.	6200		1.38		70.32	68.94
F.C.	6200		3.00		70.32	67.32
T.N.	6200		1.75		70.32	68.57
CALZ.	6300		1.42		70.32	68.90
F.C.	6300		3.00		70.32	67.32
T.N.	6300		1.75		70.32	68.57
PP	6400	1.533		1.507	70.35	68.814
CALZ.	6400		1.48		70.35	68.87
F.C.	6400		2.98		70.35	67.37
T.N.	6400		1.80		70.35	68.55
CALZ.	6500		1.47		70.35	68.88
F.C.	6500		2.95		70.35	67.40
T.N.	6500		1.86		70.35	68.49
PP	6600	1.480		1.389	70.44	68.958
CALZ.	6600		1.41		70.44	69.03
F.C.	6600		3.00		70.44	67.44
T.N.	6600		1.84		70.44	68.60
CALZ.	6700		1.41		70.44	69.03
F.C.	6700		3.09		70.44	67.35
T.N.	6700		1.80		70.44	68.64
PP	6800	1.438		1.351	70.53	69.087
CALZ.	6800		1.40		70.53	69.12
F.C.	6800		3.33		70.53	67.20
T.N.	6800		1.82		70.53	68.71
CALZ.	6900		1.34		70.53	69.19
F.C.	6900		3.40		70.53	67.12
T.N.	6900		1.84		70.53	68.69
P.F. 7	7000	1.341		1.221	70.65	69.304
CALZ.	7000		1.64		70.65	69.01
F.C.	7000		3.60		70.65	67.05
T.N.	7000		1.99		70.65	68.66
CALZ.	7100		1.50		70.65	69.15
F.C.	7100		3.60		70.65	67.05
T.N.	7100		1.95		70.65	68.70
PP	7200	1.399		1.514	70.53	69.131

PERFIL LONGITUDINAL RUTA PROVINCIAL N° 32
 TRAMO RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PP	7200	1.399		1.514	70.53	69.13
CALZ.	7200		1.37		70.53	69.16
F.C.	7200		3.40		70.53	67.13
T.N.	7200		1.76		70.53	68.77
CALZ.	7300		1.32		70.53	69.21
F.C.	7300		3.42		70.53	67.11
T.N.	7300		1.74		70.53	68.79
PP	7400	1.471		1.400	70.60	69.130
CALZ.	7400		1.40		70.60	69.20
F.C.	7400		3.34		70.60	67.26
T.N.	7400		1.78		70.60	68.82
CALZ.	7500		1.37		70.60	69.23
F.C.	7500		3.45		70.60	67.15
T.N.	7500		1.55		70.60	69.05
Alc 1	7400		3.29		70.60	67.31
Alc 2 T1	7500		3.06		70.60	67.54
Alc 2 T2	7500		3.21		70.60	67.39
Alc 2 T3	7500		3.06		70.60	67.54
PP	7600	1.623		1.499	70.73	69.102
CALZ.	7600		1.62		70.73	69.11
F.C.	7600		3.46		70.73	67.27
T.N.	7600		1.95		70.73	68.78
CALZ.	7700		1.47		70.73	69.26
F.C.	7700		3.59		70.73	67.14
T.N.	7700		1.79		70.73	68.94
PP	7800	1.514		1.504	70.74	69.221
CALZ.	7800		1.46		70.74	69.28
F.C.	7800		3.48		70.74	67.26
T.N.	7800		1.95		70.74	68.79
CALZ.	7900		1.43		70.74	69.31
F.C.	7900		3.47		70.74	67.27
T.N.	7900		1.83		70.74	68.91
P.F. 8	8000	1.228		1.221	70.74	69.514
CALZ.	8000		1.50		70.74	69.24
F.C.	8000		3.46		70.74	67.28
T.N.	8000		1.75		70.74	68.99
CALZ.	8100		1.35		70.74	69.39
F.C.	8100		3.42		70.74	67.32
T.N.	8100		1.75		70.74	68.99
PP	8200	1.510		1.473	70.78	69.269
CALZ.	8200		1.48		70.78	69.30
F.C.	8200		3.45		70.78	67.33
T.N.	8200		1.83		70.78	68.95
CALZ.	8300		1.37		70.78	69.41
F.C.	8300		3.47		70.78	67.31
T.N.	8300		1.79		70.78	68.99
PP	8400	1.608		1.478	70.91	69.301
CALZ.	8400		1.56		70.91	69.35
F.C.	8400		3.51		70.91	67.40
T.N.	8400		1.89		70.91	69.02
CALZ.	8500		1.54		70.91	69.37
F.C.	8500		3.51		70.91	67.40
T.N.	8500		1.89		70.91	69.02
PP	8600	1.574		1.499	70.98	69.410
CALZ.	8600		1.63		70.98	69.35
F.C.	8600		3.46		70.98	67.52
T.N.	8600		1.94		70.98	69.04
CALZ.	8700		1.44		70.98	69.54
F.C.	8700		3.57		70.98	67.41
T.N.	8700		1.94		70.98	69.04
PP	8800	1.383		1.501	70.87	69.483
CALZ.	8800		1.36		70.87	69.51
F.C.	8800		3.41		70.87	67.46
T.N.	8800		1.81		70.87	69.06
CALZ.	8900		1.56		70.87	69.31
F.C.	8900		3.26		70.87	67.61
T.N.	8900		1.84		70.87	69.03
PP	9000	1.416		1.410	70.87	69.456

PERFIL LONGITUDINAL RUTA PROVINCIAL Nº 32
 TRAMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PP	9000	1.416		1.410	70.87	69.456
P. F. 9	9000		1.20		70.87	69.671
CALZ.	9000		1.43		70.87	69.44
F.C.	9000		3.45		70.87	67.42
T.N.	9000		1.74		70.87	69.13
CALZ.	9100		1.44		70.87	69.43
F.C.	9100		3.41		70.87	67.46
T.N.	9100		1.86		70.87	69.01
I.G.M. 60	9000		1.559		70.87	69.313
PP	9200	1.544		1.393	71.02	69.479
CALZ.	9200		1.54		71.02	69.48
F.C.	9200		3.51		71.02	67.51
T.N.	9200		1.86		71.02	69.16
CALZ.	9300		1.52		71.02	69.50
F.C.	9300		3.51		71.02	67.51
T.N.	9300		1.87		71.02	69.15
PP	9400	1.534		1.480	71.08	69.543
CALZ.	9400		1.48		71.08	69.60
F.C.	9400		3.59		71.08	67.49
T.N.	9400		1.82		71.08	69.26
CALZ.	9500		1.49		71.08	69.59
F.C.	9500		3.54		71.08	67.54
T.N.	9500		1.81		71.08	69.27
PP	9600	1.313		1.478	70.91	69.599
CALZ.	9600		1.26		70.91	69.65
F.C.	9600		3.31		70.91	67.60
T.N.	9600		1.60		70.91	69.31
CALZ.	9700		1.49		70.91	69.42
F.C.	9700		3.29		70.91	67.62
T.N.	9700		1.58		70.91	69.33
PP	9800	1.614		1.475	71.05	69.437
CALZ.	9800		1.57		71.05	69.48
F.C.	9800		3.48		71.05	67.57
T.N.	9800		1.63		71.05	69.42
CALZ.	9900		1.50		71.05	69.55
F.C.	9900		3.19		71.05	67.86
T.N.	9900		1.67		71.05	69.38
Aic. T1	9900		3.04		71.05	68.01
Aic. T2	9900		3.25		71.05	67.80
P.F. 10	10000			1.140	69.91	69.911

PERFIL LONGITUDINAL RUTA PROVINCIAL Nº 32
 TRAMO RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
P.F. 10	10000	1.196		1.140	71.11	69.911
CALZ.	10000		1.40		71.11	69.71
F.C.	10000		3.32		71.11	67.79
T.N.	10000		1.71		71.11	69.40
CALZ.	10100		1.52		71.11	69.59
F.C.	10100		3.35		71.11	67.76
T.N.	10100		1.72		71.11	69.39
PP	10200	1.712		1.606	71.21	69.501
CALZ.	10200		1.65		71.21	69.56
F.C.	10200		3.32		71.21	67.89
T.N.	10200		1.81		71.21	69.40
CALZ.	10300		1.51		71.21	69.70
F.C.	10300		3.38		71.21	67.83
T.N.	10300		1.88		71.21	69.33
PP	10400	1.645		1.642	71.22	69.571
CALZ.	10400		1.66		71.22	69.56
F.C.	10400		3.33		71.22	67.89
T.N.	10400		1.85		71.22	69.37
CALZ.	10500		1.44		71.22	69.78
F.C.	10500		3.39		71.22	67.83
T.N.	10500		1.71		71.22	69.51
PP	10600	1.631		1.410	71.44	69.806
CALZ.	10600		1.60		71.44	69.84
F.C.	10600		3.70		71.44	67.74
T.N.	10600		1.90		71.44	69.54
CALZ.	10700		1.47		71.44	69.97
F.C.	10700		3.61		71.44	67.83
T.N.	10700		1.95		71.44	69.49
PP	10800	1.572		1.534	71.48	69.903
CALZ.	10800		1.65		71.48	69.83
F.C.	10800		3.59		71.48	67.89
T.N.	10800		1.93		71.48	69.55
CALZ.	10900		1.48		71.48	70.00
F.C.	10900		3.62		71.48	67.86
T.N.	10900		1.94		71.48	69.54
P.F. 11	11000	1.183		1.112	71.55	70.363
CALZ.	11000		1.62		71.55	69.93
F.C.	11000		3.49		71.55	68.06
T.N.	11000		1.95		71.55	69.60
CALZ.	11100		1.57		71.55	69.98
F.C.	11100		3.49		71.55	68.06
T.N.	11100		2.00		71.55	69.55
PP	11200	1.459		1.408	71.60	70.138
CALZ.	11200		1.52		71.60	70.08
F.C.	11200		3.63		71.60	67.97
T.N.	11200		1.99		71.60	69.61
CALZ.	11300		1.51		71.60	70.09
F.C.	11300		3.71		71.60	67.89
T.N.	11300		2.03		71.60	69.57
PP	11400	1.622		1.553	71.67	70.044
CALZ.	11400		1.66		71.67	70.01
F.C.	11400		3.72		71.67	67.95
T.N.	11400		2.03		71.67	69.64
CALZ.	11500		1.53		71.67	70.14
F.C.	11500		3.67		71.67	68.00
T.N.	11500		2.07		71.67	69.60
PP	11600	1.558		1.546	71.68	70.120
CALZ.	11600		1.60		71.68	70.08
F.C.	11600		3.65		71.68	68.03
T.N.	11600		1.99		71.68	69.69
CALZ.	11700		1.60		71.68	70.08
F.C.	11700		3.65		71.68	68.03
T.N.	11700		1.98		71.68	69.70
PP	11800	1.689		1.681	71.69	69.997
CALZ.	11800		1.63		71.69	70.06
F.C.	11800		3.66		71.69	68.03
T.N.	11800		1.97		71.69	69.72
CALZ.	11900		1.60		71.69	70.09
F.C.	11900		3.70		71.69	67.99
T.N.	11900		1.94		71.69	69.75
PP	12000	1.528		1.443	71.77	70.243
P.F. 12	12000	1.196		1.325	71.64	70.446

PERFIL LONGITUDINAL RUTA PROVINCIAL N° 32
TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
P.F. 12	12000	1.196		1.325	71.64	70.446
CALZ.	12000		1.38		71.64	70.26
F.C.	12000		3.65		71.64	67.99
T.N.	12000		1.89		71.64	69.75
CALZ.	12100		1.49		71.64	70.15
F.C.	12100		3.50		71.64	68.14
T.N.	12100		1.87		71.64	69.77
I.G.M. 61	12100		1.468		71.64	70.174
PP	12200	1.578		1.464	71.76	70.178
CALZ.	12200		1.60		71.76	70.16
F.C.	12200		3.60		71.76	68.16
T.N.	12200		2.00		71.76	69.76
CALZ.	12300		1.61		71.76	70.15
F.C.	12300		3.60		71.76	68.16
T.N.	12300		1.95		71.76	69.81
PP	12400	1.553		1.637	71.67	70.119
CALZ.	12400		1.46		71.67	70.21
F.C.	12400		3.51		71.67	68.16
T.N.	12400		1.99		71.67	69.68
CALZ.	12500		1.47		71.67	70.20
F.C.	12500		3.51		71.67	68.16
T.N.	12500		1.86		71.67	69.81
PP	12600	1.497		1.469	71.70	70.203
CALZ.	12600		1.54		71.70	70.16
F.C.	12600		3.45		71.70	68.25
T.N.	12600		1.85		71.70	69.85
CALZ.	12700		1.44		71.70	70.26
F.C.	12700		3.43		71.70	68.27
T.N.	12700		1.83		71.70	69.87
PP	12800	1.459		1.487	71.67	70.213
CALZ.	12800		1.34		71.67	70.33
F.C.	12800		3.45		71.67	68.22
T.N.	12800		1.86		71.67	69.81
CALZ.	12900		1.36		71.67	70.31
F.C.	12900		3.41		71.67	68.26
T.N.	12900		1.69		71.67	69.98
P.F. 13	13000	1.400		1.323	71.75	70.349
CALZ.	13000		1.66		71.75	70.09
F.C.	13000		1.44		71.75	70.31
T.N.	13000		1.81		71.75	69.94
CALZ.	13100		1.52		71.75	70.23
F.C.	13100		3.34		71.75	68.41
T.N.	13100		1.82		71.75	69.93
PP	13200	1.630		1.579	71.80	70.170
CALZ.	13200		1.54		71.80	70.26
F.C.	13200		3.42		71.80	68.38
T.N.	13200		1.90		71.80	69.90
CALZ.	13300		1.45		71.80	70.35
F.C.	13300		3.38		71.80	68.42
T.N.	13300		1.87		71.80	69.93
PP	13400	1.440		1.486	71.75	70.314
CALZ.	13400		1.42		71.75	70.33
F.C.	13400		3.28		71.75	68.47
T.N.	13400		1.78		71.75	69.97
CALZ.	13500		1.42		71.75	70.33
F.C.	13500		3.28		71.75	68.47
T.N.	13500		1.61		71.75	70.14
PP	13600	1.626		1.579	71.80	70.175
CALZ.	13600		1.56		71.80	70.24
F.C.	13600		3.19		71.80	68.61
T.N.	13600		1.80		71.80	70.00
CALZ.	13700		1.44		71.80	70.36
F.C.	13700		3.20		71.80	68.60
T.N.	13700		1.76		71.80	70.04
PP	13800	1.548		1.460	71.89	70.341
CALZ.	13800		1.55		71.80	70.25
F.C.	13800		3.18		71.89	68.71
T.N.	13800		1.75		71.80	70.05
CALZ.	13900		1.46		71.89	70.43
F.C.	13900		3.28		71.80	68.52
T.N.	13900		1.79		71.89	70.10
P.F. 14	14000	1.090		1.024	71.95	70.865

PERFIL LONGITUDINAL RUTA PROVINCIAL Nº 32
 TRAMO RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
P.F. 14	14000	1.090		1.024	71.95	70.865
CALZ.	14000		1.46		71.95	70.49
F.C.	14000		3.23		71.95	68.72
T.N.	14000		1.67		71.95	70.28
CALZ.	14100		1.44		71.95	70.51
F.C.	14100		3.17		71.95	68.78
T.N.	14100		1.67		71.95	70.28
PP	14200	1.613		1.443	72.12	70.512
CALZ.	14200		1.47		72.12	70.65
F.C.	14200		3.30		72.12	68.82
T.N.	14200		1.82		72.12	70.30
CALZ.	14300		1.43		72.12	70.69
F.C.	14300		3.30		72.12	68.82
T.N.	14300		1.79		72.12	70.33
PP	14400	1.509		1.423	72.21	70.702
CALZ.	14400		1.50		72.21	70.71
F.C.	14400		3.43		72.21	68.78
T.N.	14400		1.88		72.21	70.33
CALZ.	14500		1.46		72.21	70.75
F.C.	14500		3.38		72.21	68.83
T.N.	14500		1.74		72.21	70.47
PP	14600	1.640		1.358	72.49	70.853
CALZ.	14600		1.60		72.49	70.89
F.C.	14600		3.67		72.49	68.82
T.N.	14600		1.97		72.49	70.52
CALZ.	14700		1.58		72.49	70.91
F.C.	14700		3.61		72.49	68.88
T.N.	14700		1.79		72.49	70.70
PP	14800	1.530		1.408	72.61	71.085
CALZ.	14800		1.57		72.61	71.04
F.C.	14800		3.72		72.61	68.89
T.N.	14800		1.95		72.61	70.66
CALZ.	14900		1.59		72.61	71.02
F.C.	14900		3.70		72.61	68.91
T.N.	14900		1.78		72.61	70.83
PP	15000	1.635		1.530	72.72	71.085
P. F. 15	15000		1.218		72.72	71.502
CALZ.	15000		1.67		72.72	71.05
F.C.	15000		3.79		72.72	68.93
T.N.	15000		1.99		72.72	70.73
CALZ.	15100		1.54		72.72	71.18
F.C.	15100		3.72		72.72	69.00
T.N.	15100		2.01		72.72	70.71
PP	15200	1.490		1.560	72.65	71.160
CALZ.	15200		1.55		72.65	71.10
F.C.	15200		3.17		72.65	69.48
T.N.	15200		1.82		72.65	70.83
CALZ.	15300		1.52		72.65	71.13
F.C.	15300		3.11		72.65	69.54
T.N.	15300		1.71		72.65	70.94
PP	15400	1.529		1.534	72.64	71.116
CALZ.	15400		1.57		72.64	71.08
F.C.	15400		2.84		72.64	69.80
T.N.	15400		1.81		72.64	70.83
CALZ.	15500		1.53		72.64	71.11
F.C.	15500		2.80		72.64	69.84
T.N.	15500		1.74		72.64	70.91
PP	15600	1.582		1.443	72.78	71.202
CALZ.	15600		1.67		72.78	71.11
F.C.	15600		2.98		72.78	69.80
T.N.	15600		1.87		72.78	70.91
CALZ.	15700		1.56		72.78	71.22
F.C.	15700		3.06		72.78	69.72
T.N.	15700		1.79		72.78	70.99
PP	15800	1.534		1.487	72.83	71.297

PERFIL LONGITUDINAL RUTA PROVINCIAL N° 32
 TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PP	15800	1.534		1.487	72.83	71.297
CALZ.	15800		1.66		72.83	71.17
F.C.	15800		2.90		72.83	69.93
T.N.	15800		1.84		72.83	70.99
CALZ.	15900		1.59		72.83	71.24
F.C.	15900		3.09		72.83	69.74
T.N.	15900		1.74		72.83	71.09
P.F. 16	16000	1.282		1.208	72.91	71.623
CALZ.	16000		1.62		72.91	71.28
F.C.	16000		3.04		72.91	69.86
T.N.	16000		1.72		72.91	71.19
CALZ.	16100		1.56		72.91	71.34
F.C.	16100		3.03		72.91	69.87
T.N.	16100		1.90		72.91	71.00
PP	16200	1.614		1.324	73.20	71.581
CALZ.	16200		1.81		73.20	71.39
F.C.	16200		3.21		73.20	69.99
T.N.	16200		2.05		73.20	71.15
CALZ.	16300		1.70		73.20	71.50
F.C.	16300		3.36		73.20	69.84
T.N.	16300		2.15		73.20	71.05
PP	16400	1.709		1.467	73.44	71.728
CALZ.	16400		1.71		73.44	71.73
F.C.	16400		3.50		73.44	69.94
T.N.	16400		1.94		73.44	71.50
CALZ.	16500		1.58		73.44	71.86
F.C.	16500		3.44		73.44	70.00
T.N.	16500		1.98		73.44	71.46
PP	16600	1.505		1.512	73.43	71.925
CALZ.	16600		1.52		73.43	71.91
F.C.	16600		3.45		73.43	69.98
T.N.	16600		1.94		73.43	71.49
CALZ.	16700		1.53		73.43	71.90
F.C.	16700		3.43		73.43	70.00
T.N.	16700		1.93		73.43	71.50
PP	16800	1.573		1.580	73.42	71.850
CALZ.	16800		1.60		73.42	71.82
F.C.	16800		3.53		73.42	69.89
T.N.	16800		2.05		73.42	71.37
CALZ.	16900		1.60		73.42	71.82
F.C.	16900		3.30		73.42	70.12
T.N.	16900		1.90		73.42	71.52
PP	17000	1.519		1.492	73.45	71.931
P.F. 17	17000		1.085		73.45	72.365
CALZ.	17000		1.50		73.45	71.95
F.C.	17000		3.37		73.45	70.08
T.N.	17000		1.98		73.45	71.47
CALZ.	17100		1.48		73.45	71.97
F.C.	17100		3.48		73.45	69.97
T.N.	17100		1.92		73.45	71.53
PP	17200	1.524		1.467	73.51	71.983
CALZ.	17200		1.56		73.51	71.95
F.C.	17200		3.50		73.51	70.01
T.N.	17200		1.94		73.51	71.57
CALZ.	17200		1.52		73.51	71.99
F.C.	17300		3.56		73.51	69.95
T.N.	17300		2.01		73.51	71.50
PP	17400	1.475		1.444	73.54	72.063
CALZ.	17400		1.48		73.54	72.06
F.C.	17400		3.54		73.54	70.00
T.N.	17400		1.89		73.54	71.65
CALZ.	17500		1.52		73.54	72.02
F.C.	17500		3.47		73.54	70.07
T.N.	17500		1.81		73.54	71.73
PP	17600	1.580		1.500	73.62	72.038

PERFIL LONGITUDINAL RUTA PROVINCIAL N° 32
 TRAMO. RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PP	17600	1.580		1.500	73.62	72.038
CALZ.	17600		1.58		73.62	72.04
F.C.	17600		3.61		73.62	70.01
T.N.	17600		1.98		73.62	71.64
CALZ.	17700		1.56		73.62	72.06
F.C.	17700		3.58		73.62	70.04
T.N.	17700		1.91		73.62	71.71
PP	17800	1.329		1.471	73.48	72.147
CALZ.	17800		1.56		73.48	71.92
F.C.	17800		3.51		73.48	69.97
T.N.	17800		2.07		73.48	71.41
CALZ.	17900		1.53		73.48	71.95
F.C.	17900		3.49		73.48	69.99
T.N.	17900		1.85		73.48	71.63
P.F. 18	18000	1.450		1.345	73.58	72.131
CALZ.	18000		1.54		73.58	72.04
F.C.	18000		3.50		73.58	70.08
T.N.	18000		1.91		73.58	71.67
Alc.	18000		3.50		73.58	70.08
CALZ.	18100		1.49		73.58	72.09
F.C.	18100		3.68		73.58	69.90
T.N.	18100		1.92		73.58	71.66
PP	18200	1.568		1.437	73.71	72.144
CALZ.	18200		1.61		73.71	72.10
F.C.	18200		3.89		73.71	69.82
T.N.	18200		2.07		73.71	71.64
I.G.M. 63	18200		1.929		73.71	71.783
CALZ.	18300		1.59		73.71	72.12
F.C.	18300		3.89		73.71	69.82
T.N.	18300		2.24		73.71	71.47
PP	18400	1.242		1.447	73.51	72.265
CALZ.	18400		1.36		73.51	72.15
F.C.	18400		3.74		73.51	69.77
T.N.	18400		1.88		73.51	71.63
CALZ.	18500		1.47		73.51	72.04
F.C.	18500		3.63		73.51	69.88
T.N.	18500		1.91		73.51	71.60
PP	18600	1.471		1.425	73.55	72.082
CALZ.	18600		1.50		73.55	72.05
F.C.	18600		3.63		73.55	69.92
T.N.	18600		2.10		73.55	71.45
CALZ.	18700		1.51		73.55	72.04
F.C.	18700		3.61		73.55	69.94
T.N.	18700		2.11		73.55	71.44
PP	18800	1.410		1.368	73.60	72.185
CALZ.	18800		1.40		73.60	72.20
F.C.	18800		3.64		73.60	69.96
T.N.	18800		2.10		73.60	71.50
CALZ.	18900		1.51		73.60	72.09
F.C.	18900		3.61		73.60	69.99
T.N.	18900		2.01		73.60	71.59
P.F. 19	19000	1.251		1.431	73.42	72.164
CALZ.	19000		1.50		73.42	71.92
F.C.	19000		3.33		73.42	70.09
T.N.	19000		1.81		73.42	71.61
CALZ.	19100		1.41		73.42	72.01
F.C.	19100		3.32		73.42	70.10
T.N.	19100		1.86		73.42	71.56
PP	19200	1.398		1.369	73.44	72.046
CALZ.	19200		1.44		73.44	72.00
F.C.	19200		3.33		73.44	70.11
T.N.	19200		1.84		73.44	71.60
CALZ.	19300		1.51		73.44	71.93
F.C.	19300		3.31		73.44	70.13
T.N.	19300		1.87		73.44	71.57
PP	19400	1.371		1.398	73.42	72.046

PERFIL LONGITUDINAL RUTA PROVINCIAL N° 32
TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
P.F. 20	20000	1.082		0.966	73.41	72.323
CALZ.	20000		1.48		73.41	71.92
F.C.	20000		3.18		73.41	70.22
T.N.	20000		1.85		73.41	71.56
CALZ.	20100		1.49		73.41	71.92
F.C.	20100		3.17		73.41	70.23
T.N.	20100		1.93		73.41	71.47
PP	20200	1.384		1.358	73.43	72.047
CALZ.	20200		1.46		73.43	71.97
F.C.	20200		3.17		73.43	70.26
T.N.	20200		1.88		73.43	71.55
CALZ.	20300		1.52		73.43	71.91
F.C.	20300		3.17		73.43	70.26
T.N.	20300		1.92		73.43	71.51
PP	20400	1.480		1.521	73.39	71.910
CALZ.	20400		1.48		73.39	71.91
F.C.	20400		3.12		73.39	70.27
T.N.	20400		1.85		73.39	71.54
CALZ.	20500		1.49		73.39	71.90
F.C.	20500		3.11		73.39	70.28
T.N.	20500		1.92		73.39	71.47
PP	20600	1.498		1.451	73.44	71.939
CALZ.	20600		1.55		73.44	71.89
F.C.	20600		3.18		73.44	70.26
T.N.	20600		1.90		73.44	71.54
CALZ.	20700		1.54		73.44	71.90
F.C.	20700		3.17		73.44	70.27
T.N.	20700		1.79		73.44	71.65
PP	20800	1.620		1.591	73.47	71.846
CALZ.	20800		1.60		73.47	71.87
F.C.	20800		3.07		73.47	70.40
T.N.	20800		1.96		73.47	71.51
CALZ.	20900		1.53		73.47	71.94
F.C.	20900		3.06		73.47	70.41
T.N.	20900		1.92		73.47	71.55
P.F. 21	21000	1.192		1.211	73.45	72.255
CALZ.	21000		1.37		73.45	72.08
F.C.	21000		3.06		73.45	70.39
T.N.	21000		1.87		73.45	71.58
CALZ.	21100		1.47		73.45	71.98
F.C.	21100		3.06		73.45	70.39
T.N.	21100		1.83		73.45	71.62
PP	21200	1.475		1.362	73.56	72.085
CALZ.	21200		1.45		73.56	72.11
F.C.	21200		3.24		73.56	70.32
T.N.	21200		1.93		73.56	71.63
CALZ.	21300		1.54		73.56	72.02
F.C.	21300		3.22		73.56	70.34
T.N.	21300		2.01		73.56	71.55
PP	21400	1.474		1.404	73.63	72.156
CALZ.	21400		1.52		73.63	72.11
F.C.	21400		3.28		73.63	70.35
T.N.	21400		1.99		73.63	71.64
CALZ.	21500		1.50		73.63	72.13
F.C.	21500		3.23		73.63	70.40
T.N.	21500		1.97		73.63	71.66
PP	21600	1.372		1.561	73.44	72.069
CALZ.	21600		1.37		73.44	72.07
F.C.	21600		3.00		73.44	70.44
T.N.	21600		1.89		73.44	71.55
CALZ.	21700		1.47		73.44	71.97
F.C.	21700		2.97		73.44	70.47
T.N.	21700		1.84		73.44	71.60
PP	21800	1.401		1.336	73.51	72.105
CALZ.	21800		1.40		73.51	72.11
F.C.	21800		2.95		73.51	70.56
T.N.	21800		1.98		73.51	71.53
CALZ.	21900		1.39		73.51	72.12
F.C.	21900		2.93		73.51	70.58
T.N.	21900		1.99		73.51	71.52
PP	22000	1.543		1.502	73.55	72.004

PERFIL LONGITUDINAL RUTA PROVINCIAL Nº 32
TRAMO RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PP	22000	1.543		1.502	73.55	72.004
P.F. 22	22000		1.218		73.55	72.329
CALZ.	22000		1.45		73.55	72.10
F.C.	22000				73.55	73.55
T.N.	22000		1.89		73.55	71.66
CALZ.	22100		1.57		73.55	71.98
F.C.	22100		2.89		73.55	70.66
T.N.	22100		1.92		73.55	71.63
PP	22200	1.645		1.518	73.67	72.029
CALZ.	22200		1.66		73.67	72.01
F.C.	22200		3.00		73.67	70.67
T.N.	22200		2.08		73.67	71.59
CALZ.	22300		1.57		73.67	72.10
F.C.	22300		2.97		73.67	70.70
T.N.	22300		1.97		73.67	71.70
PP	22400	1.528		1.542	73.66	72.132
CALZ.	22400		1.56		73.66	72.10
F.C.	22400		2.90		73.66	70.76
T.N.	22400		1.86		73.66	71.80
CALZ.	22500		1.64		73.66	72.02
F.C.	22500		2.82		73.66	70.84
T.N.	22500		1.88		73.66	71.78
PP	22600	1.393		1.538	73.52	72.122
CALZ.	22600		1.39		73.52	72.12
F.C.	22600		2.90		73.52	70.61
T.N.	22600		1.87		73.52	71.64
CALZ.	22700		1.48		73.52	72.03
F.C.	22700		2.87		73.52	70.64
T.N.	22700		1.77		73.52	71.75
PP	22800	1.549		1.473	73.59	72.042
CALZ.	22800		1.55		73.59	72.04
F.C.	22800		2.91		73.59	70.68
T.N.	22800		1.82		73.59	71.77
CALZ.	22900		1.44		73.59	72.15
F.C.	22900		2.89		73.59	70.70
T.N.	22900		1.71		73.59	71.88
P.F. 23	23000	1.168		1.171	73.59	72.420
CALZ.	23000		1.52		73.59	72.07
F.C.	23000		2.75		73.59	70.84
T.N.	23000		1.82		73.59	71.77
CALZ.	23100		1.46		73.59	72.13
F.C.	23100		2.72		73.59	70.87
T.N.	23100		1.74		73.59	71.85
PP	23200	1.431		1.480	73.54	72.108
CALZ.	23200		1.45		73.54	72.09
F.C.	23200		2.65		73.54	70.89
T.N.	23200		1.57		73.54	71.97
CALZ.	23300		1.42		73.54	72.12
F.C.	23300		2.67		73.54	70.87
T.N.	23300		1.55		73.54	71.99
PP	23400	1.518		1.425	73.63	72.114
CALZ.	23400		1.46		73.63	72.17
F.C.	23400		2.79		73.63	70.84
T.N.	23400		1.67		73.63	71.96
CALZ.	23500		1.52		73.63	72.11
F.C.	23500		2.80		73.63	70.83
T.N.	23500		1.70		73.63	71.93
PP	23600	1.579		1.580	73.63	72.052
CALZ.	23600		1.54		73.63	72.09
F.C.	23600		2.75		73.63	70.88
T.N.	23600		1.67		73.63	71.96
CALZ.	23700		1.44		73.63	72.19
F.C.	23700		2.77		73.63	70.86
T.N.	23700		1.74		73.63	71.89
PP	23800	1.478		1.522	73.59	72.109
CALZ.	23800		1.39		73.63	72.24
F.C.	23800		2.50		73.59	71.09
T.N.	23800		1.77		73.63	71.86
CALZ.	23900		1.42		73.59	72.17
F.C.	23900		2.60		73.63	71.03
T.N.	23900		1.75		73.59	71.84
P.F. 24	24000	0.965		0.861	73.69	72.726

PERFIL LONGITUDINAL RUTA PROVINCIAL Nº 32
 TRAMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
P.F. 24	24000	0.965		0.861	73.69	72.726
CALZ	24000		1.55		73.69	72.14
F.C.	24000		2.63		73.69	71.06
T.N.	24000		1.57		73.69	72.12
I.G.M. 65	24100		1.329		73.69	72.362
CALZ	24100		1.44		73.69	72.25
F.C.	24100		2.67		73.69	71.02
T.N.	24100		1.60		73.69	72.09
PP	24200	1.518		1.360	73.85	72.331
CALZ	24200		1.50		73.85	72.35
F.C.	24200		2.76		73.85	71.09
T.N.	24200		1.66		73.85	72.19
CALZ	24300		1.50		73.85	72.35
F.C.	24300		2.72		73.85	71.13
T.N.	24300		1.67		73.85	72.18
PP	24400	1.464		1.386	73.93	72.463
CALZ	24400		1.49		73.93	72.44
F.C.	24400		2.83		73.93	71.10
T.N.	24400		1.64		73.93	72.29
CALZ	24500		1.53		73.93	72.40
F.C.	24500		2.83		73.93	71.10
T.N.	24500		1.64		73.93	72.29
PP	24600	1.538		1.561	73.90	72.366
CALZ	24600		1.49		73.90	72.41
F.C.	24600		2.79		73.90	71.11
T.N.	24600		1.62		73.90	72.28
CALZ	24700		1.48		73.90	72.42
F.C.	24700		2.75		73.90	71.15
T.N.	24700		1.59		73.90	72.31
PP	24800	1.519		1.585	73.84	72.319
CALZ	24800		1.52		73.84	72.32
F.C.	24800		2.69		73.84	71.15
T.N.	24800		1.78		73.84	72.06
CALZ	24900		1.47		73.84	72.37
F.C.	24900		2.67		73.84	71.17
T.N.	24900		1.72		73.84	72.12
P. F. 25	25000	1.424		0.911	74.35	72.927
CALZ	25000		1.88		74.35	72.47
F.C.	25000		3.29		74.35	71.06
T.N.	25000		2.11		74.35	72.24
CALZ	25100		1.83		74.35	72.52
F.C.	25100		3.22		74.35	71.13
T.N.	25100		2.17		74.35	72.18
Calz. Alc. R95	25140		0.67		74.35	73.68
F. Alc. R95	25140		3.29		74.35	71.06
INTRA2 Alc. R95	25140		1.12		74.35	73.23
Viga Sup. P.F. R95	25140		0.718		74.35	73.63
PP	25200	1.611		1.948	74.01	72.403
CALZ	25200		1.54		74.01	72.47
F.C.	25200		2.59		74.01	71.42
T.N.	25200		1.68		74.01	72.33
CALZ	25300		1.49		74.01	72.52
F.C.	25300		2.56		74.01	71.45
T.N.	25300		1.51		74.01	72.50
PP	25400	1.506		1.556	73.96	72.458
CALZ	25400		1.44		73.96	72.52
F.C.	25400		2.51		73.96	71.45
T.N.	25400		1.77		73.96	72.19
CALZ	25500		1.46		73.96	72.50
F.C.	25500		2.50		73.96	71.46
T.N.	25500		1.54		73.96	72.42
PP	25600	1.682		1.488	74.16	72.476
CALZ	25600		1.57		74.16	72.59
F.C.	25600		2.60		74.16	71.56
T.N.	25600		1.72		74.16	72.44
CALZ	25700		1.50		74.16	72.66
F.C.	25700		2.63		74.16	71.53
T.N.	25700		1.76		74.16	72.40
PP	25800	1.680		1.508	74.33	72.650

PERFIL LONGITUDINAL RUTA PROVINCIAL N° 32
 TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PP	25800	1.680		1.508	74.33	72.650
CALZ.	25800		1.58		74.33	72.75
F.C.	25800		2.74		74.33	71.59
T.N.	25800		1.87		74.33	72.46
CALZ.	25900		1.42		74.33	72.91
F.C.	25900		2.66		74.33	71.67
T.N.	25900		1.63		74.33	72.70
P.F. 26	26000	1.121		0.929	74.52	73.401
CALZ.	26000		1.46		74.52	73.06
F.C.	26000		2.83		74.52	71.69
T.N.	26000		1.70		74.52	72.82
CALZ.	26100		1.59		74.52	72.93
F.C.	26100		2.79		74.52	71.73
T.N.	26100		1.71		74.52	72.81
PP	26200	1.661		1.564	74.62	72.958
CALZ.	26200		1.59		74.62	73.03
F.C.	26200		2.84		74.62	71.78
T.N.	26200		1.80		74.62	72.82
CALZ.	26300		1.48		74.62	73.14
F.C.	26300		2.90		74.62	71.72
T.N.	26300		1.78		74.62	72.84
PP	26400	1.508		1.601	74.53	73.018
CALZ.	26400		1.51		74.53	73.02
F.C.	26400		2.80		74.53	71.73
T.N.	26400		1.72		74.53	72.81
CALZ.	26500		1.49		74.53	73.04
F.C.	26500		2.77		74.53	71.76
T.N.	26500		1.71		74.53	72.82
PP	26600	1.631		1.542	74.61	72.984
CALZ.	26600		1.63		74.61	72.98
F.C.	26600		2.78		74.61	71.83
T.N.	26600		1.70		74.61	72.91
CALZ.	26700		1.44		74.61	73.17
F.C.	26700		2.89		74.61	71.72
T.N.	26700		1.83		74.61	72.78
PP	26800	1.575		1.493	74.70	73.122
CALZ.	26800		1.54		74.70	73.16
F.C.	26800		2.89		74.70	71.81
T.N.	26800		1.90		74.70	72.80
CALZ.	26900		1.48		74.70	73.22
F.C.	26900		2.91		74.70	71.79
T.N.	26900		1.88		74.70	72.82
PP	27000	1.491		1.548	74.64	73.149
P.F. 27	27000		1.203		74.64	73.437
CALZ.	27000		1.52		74.64	73.12
F.C.	27000		2.86		74.64	71.78
T.N.	27000		1.80		74.64	72.84
CALZ.	27100		1.44		74.64	73.20
F.C.	27100		2.86		74.64	71.78
T.N.	27100		1.78		74.64	72.86
PP	27200	1.450		1.420	74.67	73.220
CALZ.	27200		1.42		74.67	73.25
F.C.	27200		2.70		74.67	71.97
T.N.	27200		1.70		74.67	72.97
CALZ.	27200		1.43		74.67	73.24
F.C.	27300		2.77		74.67	71.90
T.N.	27300		1.66		74.67	73.01
PP	27400	1.501		1.454	74.72	73.216
CALZ.	27400		1.47		74.72	73.25
F.C.	27400		2.96		74.72	71.76
T.N.	27400		1.84		74.72	72.88
CALZ.	27500		1.46		74.72	73.26
F.C.	27500		2.93		74.72	71.79
T.N.	27500		1.76		74.72	72.96
PP	27600	1.531		1.467	74.78	73.250

PERFIL LONGITUDINAL RUTA PROVINCIAL N° 32
 TRAMO RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
P. F. 28	28000	1.038		1.047	74.83	73.794
CALZ.	28000		1.41		74.83	73.42
F.C.	28000		2.97		74.83	71.86
T.N.	28000		1.63		74.83	73.20
CALZ.	28100		1.43		74.83	73.40
F.C.	28100		2.97		74.83	71.86
T.N.	28100		1.77		74.83	73.06
PP	28200	1.478		1.383	74.93	73.449
I.G.M. 23	28200		1.504		74.93	73.423
CALZ.	28200		1.50		74.93	73.43
F.C.	28200		2.96		74.93	71.97
T.N.	28200		1.76		74.93	73.17
CALZ.	28300		1.46		74.93	73.47
F.C.	28300		2.93		74.93	72.00
T.N.	28300		1.77		74.93	73.16
PP	28400	1.561		1.571	74.92	73.356
CALZ.	28400		1.49		74.92	73.427
F.C.	28400		2.92		74.92	72.00
T.N.	28400		1.81		74.92	73.11
CALZ.	28500		1.44		74.92	73.48
F.C.	28500		2.94		74.92	71.98
T.N.	28500		1.80		74.92	73.12
PP	28600	1.521		1.564	74.87	73.353
CALZ.	28600		1.55		74.87	73.324
F.C.	28600		2.82		74.87	72.05
T.N.	28600		1.72		74.87	73.15
CALZ.	28700		1.48		74.87	73.39
F.C.	28700		2.79		74.87	72.08
T.N.	28700		1.71		74.87	73.16
PP	28800	1.491		1.490	74.87	73.384
CALZ.	28800		1.48		74.87	73.395
F.C.	28800		2.86		74.87	72.02
T.N.	28800		1.63		74.87	73.25
CALZ.	28900		1.41		74.87	73.47
F.C.	28900		2.77		74.87	72.11
T.N.	28900		1.65		74.87	73.22
P. F. 29	29000	1.081		0.961	75.00	73.91
CALZ.	29000		1.48		75.00	73.515
F.C.	29000		2.96		75.00	72.04
T.N.	29000		1.69		75.00	73.31
CALZ.	29100		1.45		75.00	73.55
F.C.	29100		2.92		75.00	72.08
T.N.	29100		1.69		75.00	73.31
PP	29200	1.648		1.453	75.19	73.542
CALZ.	29200		1.63		75.19	73.560
F.C.	29200		3.07		75.19	72.12
T.N.	29200		1.96		75.19	73.23
CALZ.	29300		1.63		75.19	73.56
F.C.	29300		3.00		75.19	72.19
T.N.	29300		1.88		75.19	73.31
PP	29400	1.438		1.638	74.99	73.552
CALZ.	29400		1.45		74.99	73.540
F.C.	29400		2.80		74.99	72.19
T.N.	29400		1.67		74.99	73.32
CALZ.	29500		1.53		74.99	73.46
F.C.	29500		2.72		74.99	72.27
T.N.	29500		1.61		74.99	73.38
PP	29600	1.471		1.458	75.00	73.532
CALZ.	29600		1.47		75.00	73.533
F.C.	29600		2.77		75.00	72.23
T.N.	29600		1.65		75.00	73.35
CALZ.	29700		1.50		75.00	73.50
F.C.	29700		2.71		75.00	72.29
T.N.	29700		1.63		75.00	73.37
PP	29800	1.448		1.438	75.01	73.565

PERFIL LONGITUDINAL RUTA PROVINCIAL Nº 32
 TRAMO RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PP	29800	1.448		1.438	75.01	73.565
CALZ.	29800		1.49		75.01	73.52
F.C.	29800		2.91		75.01	72.10
T.N.	29800		1.74		75.01	73.27
CALZ.	29900		1.51		75.01	73.50
F.C.	29900		2.87		75.01	72.14
T.N.	29900		1.71		75.01	73.30
PP	30000	1.272		1.278	75.01	73.735
P.F. 30	30000		1.306		75.01	73.70
CALZ.	30000		1.36		75.01	73.65
F.C.	30000		2.72		75.01	72.29
T.N.	30000		1.73		75.01	73.28
CALZ.	30100		1.52		75.01	73.49
F.C.	30100		2.69		75.01	72.32
T.N.	30100		1.72		75.01	73.29
PP	30200	1.430		1.433	75.00	73.574
CALZ.	30200		1.52		75.00	73.48
F.C.	30200		2.62		75.00	72.38
T.N.	30200		1.64		75.00	73.36
CALZ.	30300		1.54		75.00	73.46
F.C.	30300		2.59		75.00	72.41
T.N.	30300		1.63		75.00	73.37
PP	30400	1.634		1.515	75.12	73.489
CALZ.	30400		1.69		75.12	73.43
F.C.	30400		2.70		75.12	72.42
T.N.	30400		1.68		75.12	73.44
CALZ.	30500		1.54		75.12	73.58
F.C.	30500		2.62		75.12	72.50
T.N.	30500		1.64		75.12	73.48
PP	30600	1.442		1.438	75.13	73.685
CALZ.	30600		1.58		75.13	73.55
F.C.	30600		2.51		75.13	72.62
T.N.	30600		1.54		75.13	73.59
CALZ.	30700		1.59		75.13	73.54
F.C.	30700		2.49		75.13	72.64
T.N.	30700		1.53		75.13	73.60
PP	30800	1.651		1.470	75.31	73.657
CALZ.	30800		1.69		75.31	73.62
F.C.	30800		2.85		75.31	72.46
T.N.	30800		1.82		75.31	73.49
CALZ.	30900		1.55		75.31	73.76
F.C.	30900		2.70		75.31	72.61
T.N.	30900		1.60		75.31	73.71
P.F. 31	31000	0.652		0.907	75.05	74.401
CALZ.	31000		1.23		75.05	73.82
F.C.	31000		2.34		75.05	72.71
T.N.	31000		1.35		75.05	73.70
CALZ.	31100		1.29		75.05	73.76
F.C.	31100		2.39		75.05	72.66
T.N.	31100		1.40		75.05	73.65
PP	31200	1.492		1.229	75.32	73.824
CALZ.	31200		1.52		75.32	73.80
F.C.	31200		2.60		75.32	72.72
T.N.	31200		1.50		75.32	73.82
CALZ.	31300		1.60		75.32	73.72
F.C.	31300		2.65		75.32	72.67
T.N.	31300		1.59		75.32	73.73
PP	31400	1.509		1.256	75.57	74.060
CALZ.	31400		1.57		75.57	74.00
F.C.	31400		2.95		75.57	72.62
T.N.	31400		2.19		75.57	73.38
CALZ.	31500		1.58		75.57	73.99
F.C.	31500		1.89		75.57	73.68
T.N.	31500		2.16		75.57	73.41
PP	31600	1.494		1.690	75.37	73.879

PERFIL LONGITUDINAL RUTA PROVINCIAL Nº 32
 TRAMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PP	31600	1.494		1.690	75.37	73.879
CALZ	31600		1.55		75.37	73.82
F.C.	31600		2.57		75.37	72.80
T.N.	31600		1.73		75.37	73.64
CALZ	31700		1.51		75.37	73.86
F.C.	31700		2.54		75.37	72.83
T.N.	31700		1.55		75.37	73.82
PP	31800	1.370		1.414	75.33	73.959
CALZ	31800		1.44		75.33	73.89
F.C.	31800		2.51		75.33	72.82
T.N.	31800		1.60		75.33	73.73
CALZ	31900		1.49		75.33	73.84
F.C.	31900		2.46		75.33	72.87
T.N.	31900		1.58		75.33	73.75
P.F. 32	32000		0.692		75.33	74.637
PP	32000	1.520		1.345	75.50	73.984
CALZ	32000		1.54		75.50	73.96
F.C.	32000		2.61		75.33	72.72
T.N.	32000		1.60		75.50	73.90
CALZ	32100		1.45		75.33	73.88
F.C.	32100		2.55		75.50	72.96
T.N.	32100		1.48		75.33	73.85
I.G.M. 22			1.278		75.50	74.226
PP	32200	1.522		1.364	75.66	74.140
CALZ	32200		1.57		75.66	74.09
F.C.	32200		2.61		75.66	73.05
T.N.	32200		1.65		75.66	74.01
CALZ	32300		1.51		75.66	74.15
F.C.	32300		2.59		75.66	73.07
T.N.	32300		1.58		75.66	74.08
PP	32400	1.536		1.525	75.67	74.137
CALZ	32400		1.51		75.67	74.16
F.C.	32400		2.63		75.67	73.04
T.N.	32400		1.65		75.67	74.02
CALZ	32500		1.52		75.67	74.15
F.C.	32500		2.59		75.67	73.08
T.N.	32500		1.57		75.67	74.10
PP	32600	1.491		1.390	75.77	74.283
CALZ	32600		1.54		75.77	74.23
F.C.	32600		2.60		75.77	73.17
T.N.	32600		1.68		75.77	74.09
CALZ	32700		1.51		75.77	74.26
F.C.	32700		2.59		75.77	73.18
T.N.	32700		1.60		75.77	74.17
PP	32800	1.612		1.470	75.92	74.304
CALZ	32800		1.62		75.92	74.30
F.C.	32800		2.72		75.92	73.20
T.N.	32800		1.68		75.92	74.24
CALZ	32900		1.53		75.92	74.39
F.C.	32900		2.69		75.92	73.23
T.N.	32900		1.53		75.92	74.39
PP	33000	1.501		1.450	75.97	74.466
P.F. 33	33000		0.937		75.97	75.030
P.F. 33	33000	0.931			75.96	75.030
CALZ	33000		1.53		75.96	74.43
F.C.	33000		2.50		75.96	73.46
T.N.	33000		1.63		75.96	74.33
CALZ	33100		1.46		75.96	74.50
F.C.	33100		2.61		75.96	73.35
T.N.	33100		1.61		75.96	74.35
PP	33200	1.348		1.411	75.90	74.550
CALZ	33200		1.32		75.90	74.58
F.C.	33200		2.56		75.90	73.34
T.N.	33200		1.44		75.90	74.46
CALZ	33300		1.36		75.90	74.54
F.C.	33300		2.57		75.90	73.33
T.N.	33300		1.48		75.90	74.42
PP	33400	1.559		1.396	76.06	74.502

PERFIL LONGITUDINAL RUTA PROVINCIAL Nº 32
 TRAMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PP	33400	1.559		1.396	76.06	74.502
CALZ	33400		1.61		76.06	74.45
F.C.	33400		2.63		76.06	73.43
T.N.	33400		1.73		76.06	74.33
CALZ	33500		1.60		76.06	74.46
F.C.	33500		2.65		76.06	73.41
T.N.	33500		1.76		76.06	74.30
PP	33600	1.469		1.404	76.13	74.657
CALZ	33600		1.51		76.13	74.62
F.C.	33600		2.78		76.13	73.35
T.N.	33600		2.00		76.13	74.13
CALZ	33700		1.52		76.13	74.61
F.C.	33700		2.71		76.13	73.42
T.N.	33700		1.89		76.13	74.24
PP	33800	1.537		1.511	76.15	74.615
CALZ	33800		1.49		76.15	74.66
F.C.	33800		2.59		76.15	73.56
T.N.	33800		1.62		76.15	74.53
CALZ	33900		1.48		76.15	74.67
F.C.	33900		2.48		76.15	73.67
T.N.	33900		1.53		76.15	74.62
P.F. 34	34000	1.027		0.884	76.29	75.268
CALZ	34000		1.55		76.29	74.74
F.C.	34000		2.58		76.29	73.71
T.N.	34000		1.61		76.29	74.68
CALZ	34100		1.46		76.29	74.83
F.C.	34100		2.51		76.29	73.78
T.N.	34100		1.60		76.29	74.69
PP	34200	1.520		1.451	76.36	74.844
CALZ	34200		1.50		76.36	74.86
F.C.	34200		2.51		76.36	73.85
T.N.	34200		1.67		76.36	74.69
CALZ	34300		1.47		76.36	74.89
F.C.	34300		2.47		76.36	73.89
T.N.	34300		1.45		76.36	74.91
PP	34400	1.522		1.361	76.52	75.003
CALZ	34400		1.54		76.52	74.98
F.C.	34400		2.67		76.52	73.85
T.N.	34400		1.58		76.52	74.94
CALZ	34500		1.53		76.52	74.99
F.C.	34500		2.68		76.52	73.84
T.N.	34500		1.79		76.52	74.73
PP	34600	1.530		1.431	76.62	75.094
CALZ	34600		1.57		76.62	75.05
F.C.	34600		2.57		76.62	74.05
T.N.	34600		1.91		76.62	74.71
CALZ	34700		1.52		76.62	75.10
F.C.	34700		2.67		76.62	73.95
T.N.	34700		1.60		76.62	75.02
PP	34800	1.352		1.438	76.54	75.186
CALZ	34800		1.40		76.54	75.14
F.C.	34800		2.57		76.54	73.97
T.N.	34800		1.38		76.54	75.16
CALZ	34900		1.36		76.54	75.18
F.C.	34900		2.52		76.54	74.02
T.N.	34900		1.58		76.54	74.96
P.F. 35	35000	0.851		0.981	76.41	75.557
CALZ	35000		1.22		76.41	75.19
F.C.	35000		2.20		76.41	74.21
T.N.	35000		1.33		76.41	75.08
CALZ	35100		1.34		76.41	75.07
F.C.	35100		2.14		76.41	74.27
T.N.	35100		1.26		76.41	75.15
ALC. R91	35100		2.26		76.41	74.15
ALC. R91	35100		2.11		76.41	74.30
ALC. FF.CC. (5)	35100		2.16		76.41	74.25
PP	35200	0.935		0.442	76.90	75.966

PERFIL LONGITUDINAL RUTA PROVINCIAL Nº 32
 TRAMO. RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Alras	L. Inter.	L. Adel.	P. Visual	Cota
PP	35200	0.935		0.442	76.90	75.966
CALZ.	35200		1.75		76.90	75.15
F.C.	35200		2.84		76.90	74.06
T.N. VIA	35200		1.01		76.90	75.89
Alc. VIA N.	35200		1.84		76.90	75.06
Alc. CAM. VEC.	35200		2.89		76.90	74.01
CALZ.	35300		1.47		76.90	75.43
F.C.	35300		2.83		76.90	74.07
T.N.	35300		1.82		76.90	75.08
PP	35400	1.531		1.508	76.92	75.393
CALZ.	35400		1.52		76.92	75.40
F.C.	35400		2.89		76.92	74.03
T.N.	35400		1.79		76.92	75.13
CALZ.	35500		1.43		76.92	75.49
F.C.	35500		2.76		76.92	74.16
T.N.	35500		1.66		76.92	75.26
PP	35600	1.324		1.476	76.77	75.448
CALZ.	35600		1.31		76.77	75.46
F.C.	35600		2.74		76.77	74.03
T.N.	35600		1.44		76.77	75.33
CALZ.	35700		1.40		76.77	75.37
F.C.	35700		2.74		76.77	74.03
T.N.	35700		1.67		76.77	75.10
P.F. 36	35800	1.701		1.482	76.99	75.290
CALZ.	35800		1.65		76.99	75.34
F.C.	35800		3.03		76.99	73.96
T.N.	35800		2.05		76.99	74.94
CALZ.	35900		1.49		76.99	75.50
F.C.	35900		3.08		76.99	73.91
T.N.	35900		1.83		76.99	75.16
F. Alc.	35900		2.86		76.99	74.13
Calz. Alc.	35900		1.54		76.99	75.45
P.F. 36	36000	1.143		1.048	77.09	75.943
CALZ.	36000		1.55		77.09	75.54
F.C.	36000		3.04		77.09	74.05
T.N.	36000		1.87		77.09	75.22
CALZ.	36100		1.46		77.09	75.63
F.C.	36100		2.97		77.09	74.12
T.N.	36100		1.79		77.09	75.30
PP	36200	1.538		1.438	77.19	75.648
CALZ.	36200		1.54		77.19	75.65
F.C.	36200		3.07		77.19	74.12
T.N.	36200		1.77		77.19	75.42
CALZ.	36300		1.54		77.19	75.65
F.C.	36300		3.05		77.19	74.14
T.N.	36300		1.79		77.19	75.40
PP	36400	1.545		1.538	77.19	75.648
CALZ.	36400		1.47		77.19	75.72
F.C.	36400		3.09		77.19	74.10
T.N.	36400		1.76		77.19	75.43
CALZ.	36500		1.47		77.19	75.72
F.C.	36500		3.01		77.19	74.18
T.N.	36500		1.79		77.19	75.40
PP	36600	1.543		1.433	77.30	75.760
CALZ.	36600		1.56		77.30	75.74
F.C.	36600		3.32		77.30	73.98
T.N.	36600		1.75		77.30	75.55
CALZ.	36700		1.50		77.30	75.80
F.C.	36700		3.29		77.30	74.01
T.N.	36700		1.76		77.30	75.54
PP	36800	1.571		1.483	77.39	75.820
CALZ.	36800		1.52		77.39	75.87
F.C.	36800		3.49		77.39	73.90
T.N.	36800		1.82		77.39	75.57
CALZ.	36800		1.49		77.39	75.90
F.C.	36900		3.35		77.39	74.04
T.N.	36900		1.78		77.39	75.61
PP	37000	1.581		1.594	77.38	75.797

PERFIL LONGITUDINAL RUTA PROVINCIAL N° 32
 TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
P.F. 38	38000	1.180		1.016	77.60	76.423
CALZ.	38000		1.56		77.60	76.04
F.C.	38000		3.07		77.60	74.53
T.N.	38000		1.85		77.60	75.75
CALZ.	38100		1.43		77.60	76.17
F.C.	38100		2.99		77.60	74.61
T.N.	38100		1.69		77.60	75.91
PP	38200	1.534		1.438	77.70	76.165
CALZ.	38200		1.53		77.70	76.17
F.C.	38200		2.90		77.70	74.80
T.N.	38200		1.77		77.70	75.93
CALZ.	38300		1.40		77.70	76.30
F.C.	38300		2.88		77.70	74.82
T.N.	38300		1.71		77.70	75.99
PP	38400	1.588		1.602	77.69	76.097
CALZ.	38400		1.50		77.69	76.19
F.C.	38400		2.92		77.69	74.77
T.N.	38400		1.83		77.69	75.86
CALZ.	38500		1.40		77.69	76.29
F.C.	38500		2.97		77.69	74.72
T.N.	38500		1.62		77.69	76.07
PP	38600	1.488		1.530	77.64	76.155
CALZ.	38600		1.49		77.64	76.15
F.C.	38600		2.73		77.64	74.91
T.N.	38600		1.76		77.64	75.88
CALZ.	38700		1.38		77.64	76.26
F.C.	38700		2.91		77.64	74.73
T.N.	38700		1.71		77.64	75.93
PP	38800	1.470		1.458	77.66	76.185
CALZ.	38800		1.50		77.64	76.14
F.C.	38800		2.86		77.66	74.80
T.N.	38800		1.78		77.64	75.86
CALZ.	38900		1.35		77.66	76.31
F.C.	38900		2.63		77.64	75.01
T.N.	38900		1.59		77.66	76.07
P.F. 39	39000	1.343		1.014	77.98	76.641
CALZ.	39000		1.81		77.98	76.17
F.C.	39000		2.95		77.98	75.03
T.N.	39000		1.95		77.98	76.03
CALZ.	39100		1.70		77.98	76.28
F.C.	39100		3.09		77.98	74.89
T.N.	39100		1.95		77.98	76.03
PP	39200	1.781		1.702	78.06	76.282
CALZ.	39200		1.79		78.06	76.27
F.C.	39200		2.84		78.06	75.22
T.N.	39200		1.98		78.06	76.08
Aic.	39200		2.82		78.06	75.24
CALZ.	39300		1.75		78.06	76.31
F.C.	39300		2.89		78.06	75.17
T.N.	39300		1.90		78.06	76.16
PP	39400	1.729		1.779	78.01	76.284
CALZ.	39400		1.70		78.01	76.31
F.C.	39400		2.92		78.01	75.09
T.N.	39400		1.86		78.01	76.15
CALZ.	39500		1.73		78.01	76.28
F.C.	39500		3.04		78.01	74.97
T.N.	39500		1.91		78.01	76.10
PP	39600	1.701		1.764	77.95	76.249
CALZ.	39600		1.62		77.95	76.33
F.C.	39600		2.80		77.95	75.15
T.N.	39600		1.81		77.95	76.14
CALZ.	39700		1.58		77.95	76.37
F.C.	39700		2.78		77.95	75.17
T.N.	39700		1.78		77.95	76.17
PP	39800	1.910		1.740	78.12	76.210

PERFIL LONGITUDINAL RUTA PROVINCIAL Nº 32
TRAMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PP	39800	1.910		1.740	78.12	76.210
CALZ.	39800		1.75		78.12	76.37
F.C.	39800		3.23		78.12	74.89
T.N.	39800		2.11		78.12	76.01
CALZ.	39900		1.66		78.12	76.46
F.C.	39900		2.94		78.12	75.18
T.N.	39900		1.78		78.12	76.34
PP	40000	1.802		1.769	78.15	76.351
P.F. 40	40000		1.25		78.15	76.901
CALZ.	40000		1.63		78.15	76.52
F.C.	40000		2.83		78.15	75.32
T.N.	40000		1.78		78.15	76.37
CALZ.	40100		1.62		78.15	76.53
F.C.	40100		2.96		78.15	75.19
T.N.	40100		1.78		78.15	76.37
PP	40200	1.860		1.918	78.10	76.235
CALZ.	40200		1.75		78.10	76.35
F.C.	40200		3.08		78.10	75.02
T.N.	40200		1.83		78.10	76.27
CALZ.	40300		1.73		78.10	76.37
F.C.	40300		3.00		78.10	75.10
T.N.	40300		1.83		78.10	76.27
Alc.	40300		2.81		78.10	75.29
PP	40400	1.759		1.530	78.32	76.565
CALZ.	40400		1.77		78.32	76.55
F.C.	40400		3.11		78.32	75.21
T.N.	40400		1.86		78.32	76.46
CALZ.	40500		1.74		78.32	76.58
F.C.	40500		3.15		78.32	75.17
T.N.	40500		1.79		78.32	76.53
PP	40600	1.709		1.712	78.32	76.612
CALZ.	40600		1.62		78.32	76.70
F.C.	40600		2.89		78.32	75.43
T.N.	40600		1.80		78.32	76.52
CALZ.	40700		1.66		78.32	76.66
F.C.	40700		2.90		78.32	75.42
T.N.	40700		1.72		78.32	76.60
PP	40800	1.770		1.701	78.39	76.620
CALZ.	40800		1.72		78.39	76.67
F.C.	40800		2.84		78.39	75.55
T.N.	40800		1.80		78.39	76.59
CALZ.	40900		1.66		78.39	76.73
F.C.	40900		3.03		78.39	75.36
T.N.	40900		1.97		78.39	76.42
P.F. 41	41000	1.299		1.227	78.46	77.163
CALZ.	41000		1.71		78.46	76.75
F.C.	41000		3.13		78.46	75.33
T.N.	41000		1.89		78.46	76.57
CALZ.	41000		1.64		78.46	76.82
F.C.	41100		3.10		78.46	75.36
T.N.	41100		1.82		78.46	76.64
PP	41200	1.701		1.668	78.50	76.794
CALZ.	41200		1.63		78.50	76.87
F.C.	41200		3.21		78.50	75.29
T.N.	41200		1.91		78.50	76.59
CALZ.	41300		1.62		78.50	76.88
F.C.	41300		3.11		78.50	75.39
T.N.	41300		1.91		78.50	76.59
PP	41400	1.632		1.650	78.48	76.845

PERFIL LONGITUDINAL RUTA PROVINCIAL N° 32
 TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PP	41400	1.632		1.650	78.48	76.845
CALZ.	41400		1.63		78.48	76.85
F.C.	41400		2.97		78.48	75.51
T.N.	41400		1.80		78.48	76.68
CALZ.	41500		1.57		78.48	76.91
F.C.	41500		3.14		78.48	75.34
T.N.	41500		1.86		78.48	76.62
CALZ.	41600		1.54		78.48	76.94
F.C.	41600		2.97		78.48	75.51
T.N.	41600		1.90		78.48	76.58
PP	41600	1.836		1.740	78.57	76.737
CALZ.	41700		1.64		78.57	76.93
F.C.	41700		3.19		78.57	75.38
T.N.	41700		1.88		78.57	76.69
CALZ.	41800		1.66		78.57	76.913
F.C.	41800		2.81		78.57	75.76
T.N.	41800		1.97		78.57	76.60
PP	41800	1.694		1.678	78.59	76.895
Ale	41800		2.24		78.59	76.35
CALZ.	41900		1.61		78.59	76.98
F.C.	41900		3.09		78.59	75.50
T.N.	41900		1.81		78.59	76.78
CALZ.	42000		1.56		78.59	77.029
F.C.	42000		2.95		78.59	75.64
T.N.	42000		1.76		78.59	76.83
P.F. 42	42000	1.200		1.123	78.67	77.466
CALZ.	42100		1.63		78.67	77.04
F.C.	42100		3.14		78.67	75.53
T.N.	42100		1.84		78.67	76.83
CALZ.	42200		1.57		78.67	77.10
F.C.	42200		3.12		78.67	75.55
T.N.	42200		1.77		78.67	76.90
PP	42200	1.558		1.540	78.68	77.126
CALZ.	42300		1.59		78.68	77.09
F.C.	42300		2.98		78.68	75.70
T.N.	42300		1.87		78.68	76.81
CALZ.	42400		1.47		78.68	77.21
F.C.	42400		2.80		78.68	75.88
T.N.	42400		1.71		78.68	76.97
PP	42400	1.288		1.455	78.52	77.229
CALZ.	42500		1.54		78.52	76.98
F.C.	42500		2.66		78.52	75.86
T.N.	42500		1.64		78.52	76.88
Ale. 1	42500		2.12		78.52	76.40
Ale. 2	42500		2.08		78.52	76.44
Ale. Cam.	42500		2.19		78.52	76.33
CALZ.	42600		1.54		78.52	76.98
F.C.	42600		2.21		78.52	76.31
T.N.	42600		1.71		78.52	76.81
PP	42600	1.694		1.535	78.68	76.982
CALZ.	42700		1.60		78.68	77.08
F.C.	42700		2.39		78.68	76.29
T.N.	42700		1.76		78.68	76.92
CALZ.	42800		1.59		78.68	77.09
F.C.	42800		2.29		78.68	76.39
T.N.	42800		1.79		78.68	76.89
PP	42800	1.728		1.635	78.77	77.041
CALZ.	42900		1.68		78.77	77.09
F.C.	42900		2.44		78.77	76.33
T.N.	42900		1.74		78.77	77.03
CALZ.	43000		1.65		78.77	77.12
F.C.	43000		2.26		78.77	76.51
T.N.	43000		1.67		78.77	77.10
P.F. 43	43000	1.008		1.059	78.72	77.710
CALZ.	43100		1.64		78.72	77.08
F.C.	43100		2.34		78.72	76.38
T.N.	43100		1.55		78.72	77.17
CALZ.	43200		1.62		78.72	77.10
F.C.	43200		2.33		78.72	76.39
T.N.	43200		1.76		78.72	76.96
PP	43200	1.565		1.614	78.67	77.104

PERFIL LONGITUDINAL RUTA PROVINCIAL Nº 32
 TRAMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PP	43200	1.565		1.614	78.67	77.104
CALZ.	43300		1.57		78.67	77.10
F.C.	43300		2.24		78.67	76.43
T.N.	43300		1.53		78.67	77.14
CALZ.	43400		1.56		78.67	77.11
F.C.	43400		2.20		78.67	76.47
T.N.	43400		1.70		78.67	76.97
PP	43400	1.637		1.580	78.73	77.089
CALZ.	43500		1.63		78.73	77.10
F.C.	43500		2.21		78.73	76.52
T.N.	43500		1.80		78.73	76.93
CALZ.	43600		1.62		78.73	77.11
F.C.	43600		2.26		78.73	76.47
T.N.	43600		1.68		78.73	77.05
PP	43600	1.730		1.639	78.82	77.087
CALZ.	43700		1.68		78.82	77.14
F.C.	43700		2.35		78.82	76.47
T.N.	43700		1.74		78.82	77.08
CALZ.	43800		1.58		78.82	77.24
F.C.	43800		2.32		78.82	76.50
T.N.	43800		1.76		78.82	77.06
PP	43800	1.725		1.618	78.92	77.199
CALZ.	43900		1.79		78.92	77.13
F.C.	43900		2.40		78.92	76.52
T.N.	43900		1.70		78.92	77.22
CALZ.	44000		1.74		78.92	77.18
F.C.	44000		2.42		78.92	76.50
T.N.	44000		1.89		78.92	77.03
P.F. 44	44000	1.157		1.224	78.86	77.700
CALZ.	44100		1.64		78.86	77.22
F.C.	44100		2.40		78.86	76.46
T.N.	44100		1.79		78.86	77.07
CALZ.	44200		1.75		78.86	77.11
F.C.	44200		2.51		78.86	76.35
T.N.	44200		1.77		78.86	77.09
PP	44200	1.574		1.808	78.62	77.049
CALZ.	44300		1.54		78.62	77.08
F.C.	44300		2.39		78.62	76.23
T.N.	44300		1.55		78.62	77.07
CALZ.	44400		1.48		78.62	77.14
F.C.	44400		2.20		78.62	76.42
T.N.	44400		1.49		78.62	77.13
PP	44400	1.608		1.519	78.71	77.104
CALZ.	44500		1.67		78.71	77.04
F.C.	44500		2.35		78.71	76.36
T.N.	44500		1.61		78.71	77.10
CALZ.	44600		1.58		78.71	77.13
F.C.	44600		2.32		78.71	76.39
T.N.	44600		1.72		78.71	76.99
PP	44600	1.711		1.648	78.78	77.064
CALZ.	44700		1.67		78.78	77.11
F.C.	44700		2.22		78.78	76.56
T.N.	44700		1.76		78.78	77.02
CALZ.	44800		1.68		78.78	77.10
F.C.	44800		2.30		78.78	76.48
T.N.	44800		1.80		78.78	76.98
PP	44800	1.592		1.747	78.62	77.028
CALZ.	44900		1.55		78.62	77.07
F.C.	44900		2.21		78.62	76.41
T.N.	44900		1.63		78.62	76.99
CALZ.	45000		1.53		78.62	77.09
F.C.	45000		2.20		78.62	76.42
T.N.	45000		1.75		78.62	76.87
P.F. 45	45000	1.221		1.081	78.76	77.539

PERFIL LONGITUDINAL RUTA PROVINCIAL N° 32
 TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
P.F. 45	45000	1.221		1.081	78.76	77.539
CALZ.	45100		1.63		78.76	77.13
F.C.	45100		2.30		78.76	76.46
T.N.	45100		1.65		78.76	77.11
CALZ.	45200		1.60		78.76	77.16
F.C.	45200		2.28		78.76	76.48
T.N.	45200		1.66		78.76	77.10
PP	45200	1.589		1.624	78.73	77.136
CALZ.	45300		1.56		78.73	77.17
F.C.	45300		2.27		78.73	76.46
T.N.	45300		1.73		78.73	77.00
CALZ.	45400		1.60		78.73	77.13
F.C.	45400		2.24		78.73	76.49
T.N.	45400		1.82		78.73	76.91
PP	45400	1.674		1.684	78.72	77.041
CALZ.	45500		1.67		78.72	77.05
F.C.	45500		2.17		78.72	76.55
T.N.	45500		1.69		78.72	77.03
CALZ.	45600		1.64		78.72	77.08
F.C.	45600		2.24		78.72	76.48
T.N.	45600		1.70		78.72	77.02
PP	45600	1.710		1.724	78.70	76.991
CALZ.	45700		1.70		78.70	77.00
F.C.	45700		2.24		78.70	76.46
T.N.	45700		1.64		78.70	77.06
CALZ.	45800		1.69		78.70	77.01
F.C.	45800		2.53		78.70	76.17
T.N.	45800		1.74		78.70	76.96
PP	45800	1.850		1.799	78.75	76.902
CALZ.	45900		1.54		78.75	77.21
F.C.	45900		2.07		78.75	76.68
T.N.	45900		1.51		78.75	77.24
CALZ.	46000		1.41		78.75	77.34
F.C.	46000		2.00		78.75	76.75
T.N.	46000		1.56		78.75	77.19
PP	46000	1.550		1.461	78.84	77.291
P.F. 46	46000		1.930		78.84	76.911
CALZ.	46100		1.58		78.84	77.26
F.C.	46100		2.08		78.84	76.76
T.N.	46100		1.60		78.84	77.24
CALZ.	46200		1.52		78.84	77.32
F.C.	46200		1.98		78.84	76.86
T.N.	46200		1.53		78.84	77.31
PP	46200	1.699		1.549	78.99	77.292
CALZ.	46300		1.59		78.99	77.40
F.C.	46300		2.02		78.99	76.97
T.N.	46300		1.61		78.99	77.38
CALZ.	46400		1.56		78.99	77.43
F.C.	46400		2.13		78.99	76.86
T.N.	46400		1.64		78.99	77.35
PP	46400	1.765		1.589	79.17	77.402
CALZ.	46500		1.66		79.17	77.51
F.C.	46500		2.24		79.17	76.93
T.N.	46500		1.63		79.17	77.54
CALZ.	46600		1.64		79.17	77.53
F.C.	46600		2.18		79.17	76.99
T.N.	46600		1.73		79.17	77.44
PP	46600	1.680		1.722	79.13	77.445
CALZ.	46700		1.59		79.13	77.54
F.C.	46700		2.21		79.13	76.92
T.N.	46700		1.62		79.13	77.51
CALZ.	46800		1.66		79.13	77.47
F.C.	46800		2.16		79.13	76.97
T.N.	46800		1.71		79.13	77.42
PP	46800	1.775		1.702	79.20	77.423

PERFIL LONGITUDINAL RUTA PROVINCIAL N° 32
 TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PP	46800	1.775		1.702	79.20	77.423
CALZ.	46900		1.65		79.20	77.55
F.C.	46900		2.23		79.20	76.97
T.N.	46900		1.64		79.20	77.56
CALZ.	47000		1.49		79.20	77.71
F.C.	47000		2.09		79.20	77.11
T.N.	47000		1.65		79.20	77.55
P.F. 47	47000	0.970		0.932	79.24	78.266
CALZ.	47100		1.66		79.24	77.58
F.C.	47100		2.16		79.24	77.08
T.N.	47100		1.59		79.24	77.65
CALZ.	47200		1.54		79.24	77.70
F.C.	47200		2.10		79.24	77.14
T.N.	47200		1.56		79.24	77.68
PP	47200	1.649		1.538	79.35	77.698
CALZ.	47300		1.44		79.35	77.91
F.C.	47300		2.09		79.35	77.26
T.N.	47300		1.37		79.35	77.98
CALZ.	47400		1.51		79.35	77.84
F.C.	47400		2.22		79.35	77.13
T.N.	47400		1.35		79.35	78.00
PP	47400	1.430		1.531	79.25	77.816
CALZ.	47500		1.61		79.25	77.64
F.C.	47500		2.19		79.25	77.06
T.N.	47500		1.64		79.25	77.61
CALZ.	47600		1.38		79.25	77.87
F.C.	47600		2.06		79.25	77.19
T.N.	47600		1.32		79.25	77.93
PP	47600	1.747		1.400	79.59	77.846
CALZ.	47700		1.63		79.59	77.96
F.C.	47700		2.08		79.59	77.51
T.N.	47700		1.70		79.59	77.89
CALZ.	47800		1.30		79.59	78.29
F.C.	47800		1.97		79.59	77.62
T.N.	47800		1.35		79.59	78.24
PP	47800	1.671		1.380	79.88	78.213
CALZ.	47900		1.44		79.88	78.44
F.C.	47900		2.12		79.88	77.76
T.N.	47900		1.51		79.88	78.37
CALZ.	48000		1.58		79.88	78.30
F.C.	48000		1.96		79.88	77.92
T.N.	48000		1.63		79.88	78.25
P.F. 48	48000	0.842		0.874	79.85	79.010
PP	48000	1.509		1.516	79.85	78.336
CALZ.	48100		1.48		79.85	78.37
F.C.	48100		2.12		79.85	77.73
T.N.	48100		1.36		79.85	78.49
CALZ.	48200		1.44		79.85	78.41
F.C.	48200		2.13		79.85	77.72
T.N.	48200		1.45		79.85	78.40
PP	48200	1.466		1.455	79.86	78.390
CALZ.	48300		1.36		79.86	78.50
F.C.	48300		2.06		79.86	77.80
T.N.	48300		1.43		79.86	78.43
CALZ.	48400		1.34		79.86	78.52
F.C.	48400		2.10		79.86	77.76
T.N.	48400		1.43		79.86	78.43
PP	48400	1.731		1.515	80.07	78.341
CALZ.	48500		1.52		80.07	78.55
F.C.	48500		2.26		80.07	77.81
T.N.	48500		1.58		80.07	78.49
CALZ.	48600		1.36		80.07	78.71
F.C.	48600		2.24		80.07	77.83
T.N.	48600		1.57		80.07	78.50
PP	48600	1.578		1.464	80.19	78.608

PERFIL LONGITUDINAL RUTA PROVINCIAL Nº 32
 TRAMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PP	48600	1.578		1.464	80.19	78.608
CALZ.	48700		1.45		80.19	78.74
F.C.	48700		2.11		80.19	78.08
T.N.	48700		1.65		80.19	78.54
CALZ.	48800		1.46		80.19	78.73
F.C.	48800		2.11		80.19	78.08
T.N.	48800		1.42		80.19	78.77
PP	48800	1.424		1.494	80.12	78.692
CALZ.	48900		1.45		80.12	78.67
F.C.	48900		2.01		80.12	78.11
T.N.	48900		1.65		80.12	78.47
CALZ.	49000		1.43		80.12	78.69
F.C.	49000		2.09		80.12	78.03
T.N.	49000		1.60		80.12	78.52
P.F. 49	49000	1.054		1.030	80.14	79.086
CALZ.	49100		1.47		80.14	78.67
F.C.	49100		2.05		80.14	78.09
T.N.	49100		1.59		80.14	78.55
CALZ.	49200		1.31		80.14	78.83
F.C.	49200		1.95		80.14	78.19
T.N.	49200		1.38		80.14	78.76
PP	49200	1.573		1.393	80.32	78.747
CALZ.	49300		1.48		80.32	78.84
F.C.	49300		2.08		80.32	78.24
T.N.	49300		1.54		80.32	78.78
CALZ.	49400		1.37		80.32	78.95
F.C.	49400		2.10		80.32	78.22
T.N.	49400		1.60		80.32	78.72
PP	49400	1.372		1.452	80.24	78.868
CALZ.	49500		1.37		80.24	78.87
F.C.	49500		1.96		80.24	78.28
T.N.	49500		1.49		80.24	78.75
CALZ.	49600		1.43		80.24	78.81
F.C.	49600		1.93		80.24	78.31
T.N.	49600		1.48		80.24	78.76
PP	49600	1.618		1.507	80.35	78.733
CALZ.	49700		1.56		80.35	78.79
F.C.	49700		1.99		80.35	78.36
T.N.	49700		1.60		80.35	78.75
CALZ.	49800		1.56		80.35	78.79
F.C.	49800		2.00		80.35	78.35
T.N.	49800		1.58		80.35	78.77
PP	49800	1.713		1.643	80.42	78.708
CALZ.	49900		1.52		80.42	78.90
F.C.	49900		2.16		80.42	78.26
T.N.	49900		1.63		80.42	78.79
CALZ.	50000		1.62		80.42	78.80
F.C.	50000		2.14		80.42	78.28
T.N.	50000		1.60		80.42	78.82
P.F. 50	50000	1.138		1.084	80.48	79.337
CALZ.	50100		1.56		80.48	78.92
F.C.	50100		2.21		80.48	78.27
T.N.	50100		1.65		80.48	78.83
CALZ.	50200		1.46		80.48	79.02
F.C.	50200		2.20		80.48	78.28
T.N.	50200		1.55		80.48	78.93
PP	50200	1.524		1.526	80.47	78.949
CALZ.	50300		1.43		80.47	79.04
F.C.	50300		2.10		80.47	78.37
T.N.	50300		1.61		80.47	78.86
Aic.	50300		2.27		80.47	78.20
CALZ.	50400		1.42		80.47	79.05
F.C.	50400		2.00		80.47	78.47
T.N.	50400		1.52		80.47	78.95
PP	50400	1.586		1.556	80.50	78.917

PERFIL LONGITUDINAL RUTA PROVINCIAL Nº 32
 TRAMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PP	50400	1.586		1.556	80.50	78.917
CALZ.	50500		1.41		80.50	79.09
F.C.	50500		1.97		80.50	78.53
T.N.	50500		1.47		80.50	79.03
CALZ.	50600		1.45		80.50	79.05
F.C.	50600		2.00		80.50	78.50
T.N.	50600		1.45		80.50	79.05
PP	50600	1.661		1.527	80.64	78.976
CALZ.	50700		1.49		80.64	79.15
F.C.	50700		2.19		80.64	78.45
T.N.	50700		1.45		80.64	79.19
CALZ.	50800		1.54		80.64	79.10
F.C.	50800		2.10		80.64	78.54
T.N.	50800		1.57		80.64	79.07
PP	50800	1.640		1.622	80.66	79.015
CALZ.	50900		1.54		80.66	79.12
F.C.	50900		2.10		80.66	78.56
T.N.	50900		1.54		80.66	79.12
CALZ.	51000		1.50		80.66	79.16
F.C.	51000		2.06		80.66	78.60
T.N.	51000		1.57		80.66	79.09
P.F. 51	51000	1.235		1.124	80.77	79.531
CALZ.	51100		1.57		80.77	79.20
F.C.	51100		2.14		80.77	78.63
T.N.	51100		1.64		80.77	79.13
CALZ.	51200		1.61		80.77	79.16
F.C.	51200		2.07		80.77	78.70
T.N.	51200		1.50		80.77	79.27
PP	51200	1.549		1.631	80.68	79.135
CALZ.	51300		1.54		80.68	79.14
F.C.	51300		2.03		80.68	78.65
T.N.	51300		1.66		80.68	79.02
CALZ.	51400		1.43		80.68	79.25
F.C.	51400		1.95		80.68	78.73
T.N.	51400		1.50		80.68	79.18
PP	51400	1.569		1.473	80.78	79.211
CALZ.	51500		1.51		80.78	79.27
F.C.	51500		1.94		80.78	78.84
T.N.	51500		1.55		80.78	79.23
CALZ.	51600		1.57		80.78	79.21
F.C.	51600		1.90		80.78	78.88
T.N.	51600		1.64		80.78	79.14
PP	51600	1.571		1.600	80.75	79.180
CALZ.	51700		1.53		80.75	79.22
F.C.	51700		1.82		80.75	78.93
T.N.	51700		1.69		80.75	79.06
CALZ.	51800		1.56		80.75	79.19
F.C.	51800		1.89		80.75	78.86
T.N.	51800		1.72		80.75	79.03
PP	51800	1.749		1.640	80.86	79.111
CALZ.	51900		1.67		80.86	79.19
F.C.	51900		2.06		80.86	78.80
T.N.	51900		1.65		80.86	79.21
CALZ.	52000		1.71		80.86	79.15
F.C.	52000		2.04		80.86	78.82
T.N.	52000		1.81		80.86	79.05
P.F. 52	52000	1.078		1.168	80.77	79.692
CALZ.	52100		1.49		80.77	79.28
F.C.	52100		1.92		80.77	78.85
T.N.	52100		1.54		80.77	79.23
CALZ.	52200		1.50		80.77	79.27
F.C.	52200		2.01		80.77	78.76
T.N.	52200		1.62		80.77	79.15
PP	52200	1.582		1.531	80.82	79.239

PERFIL LONGITUDINAL CANAL RUTA 32
AMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

PROGRESIVA	ROTULOS	T.N.	CALZ.	F.C. ACT.
0	RUTA 77	66.93	67.52	66.03
100		66.85	67.17	65.94
200		66.94	67.26	65.96
300		67.00	67.23	66.01
400		67.06	67.27	66.07
500		67.00	67.28	66.12
600		67.05	67.31	66.13
700		67.06	67.25	66.15
800		67.15	67.30	66.15
900		67.16	67.33	66.15
1000		67.10	67.31	66.21
1100		67.06	67.30	66.17
1200		67.21	67.42	66.23
1300		67.25	67.46	66.18
1400		67.22	67.51	66.24
1500		67.22	67.48	66.20
1600		67.26	67.44	66.28
1700		67.28	67.55	66.35
1800		67.34	67.50	66.44
1900		67.44	67.69	66.34
2000		67.51	67.67	66.47
2100		67.48	67.75	66.41
2200		67.60	67.79	66.30
2300		67.36	67.70	66.39
2400		67.45	67.77	66.47
2500		67.59	67.79	66.50
2600		67.62	67.87	66.41
2700		67.64	67.90	66.47
2800		67.68	67.87	66.53
2900		67.69	67.94	66.56
3000		67.72	67.92	66.60
3100		67.75	68.05	66.52
3200		67.80	67.99	66.56
3300		67.79	68.09	66.48
3400		67.86	68.09	66.56
3500		67.97	68.07	66.75
3600		67.88	68.00	66.72
3700		68.07	68.02	66.74
3800		67.99	68.11	66.70
3900		68.02	68.18	66.68
4000		68.01	68.31	66.73
4100		67.96	68.37	66.75
4200		68.08	68.42	66.71
4300		68.02	68.39	66.74
4400		68.11	68.47	66.79
4500		68.13	68.49	66.89

PROGRESIVA	ROTULOS	T.N.	CALZ.	F.C. ACT.
4600		68.18	68.56	66.82
4700		68.29	68.58	66.83
4800		68.08	68.56	66.81
4900		68.21	68.60	66.94
5000		68.33	68.71	66.89
5100		68.36	68.68	67.05
5200		68.29	68.49	67.18
5300		68.29	68.60	67.17
5400		68.30	68.69	67.08
5500		68.34	68.56	67.19
5600		68.35	68.70	67.41
5700		68.38	68.68	67.21
5800		68.49	68.66	67.31
5900		68.45	68.36	67.26
6000		68.58	68.73	67.50
6100		68.53	68.86	67.32
6200		68.57	68.94	67.32
6300		68.57	68.90	67.32
6400		68.55	68.87	67.37
6500		68.49	68.88	67.40
6600		68.60	69.03	67.44
6700		68.64	69.03	67.35
6800		68.71	69.12	67.20
6900		68.69	69.19	67.12
7000		68.66	69.01	67.05
7100		68.70	69.15	67.05
7200		68.77	69.16	67.13
7300		68.79	69.21	67.11
7400		68.82	69.20	67.26
7500		69.05	69.23	67.15
7600		68.78	69.11	67.27
7700		68.94	69.26	67.14
7800		68.79	69.28	67.26
7900		68.91	69.31	67.27
8000		68.99	69.24	67.28
8100		68.99	69.39	67.32
8200		68.95	69.30	67.33
8300		68.99	69.41	67.31
8400		69.02	69.35	67.40
8500		69.02	69.37	67.40
8600		69.04	69.35	67.52
8700		69.04	69.54	67.41
8800		69.06	69.51	67.46
8900		69.03	69.31	67.61
9000		69.13	69.44	67.42
9100		69.01	69.43	67.46
9200		69.16	69.48	67.51
9300		69.15	69.50	67.51
9400		69.26	69.60	67.49
9500		69.27	69.59	67.54

PROGRESIVA	ROTULOS	T.M.	CALZ.	F.C. ACT.
9600		69.31	69.65	67.60
9700		69.33	69.42	67.62
9800		69.42	69.48	67.57
9900		69.38	69.55	67.86
10000		69.40	69.71	67.79
10100		69.39	69.59	67.76
10200		69.40	69.56	67.89
10300		69.33	69.70	67.83
10400		69.37	69.56	67.89
10500		69.51	69.78	67.83
10600		69.54	69.84	67.74
10700		69.49	69.97	67.83
10800		69.55	69.83	67.89
10900		69.54	70.00	67.86
11000		69.60	69.93	68.06
11100		69.55	69.98	68.06
11200		69.61	70.08	67.97
11300		69.57	70.09	67.89
11400		69.64	70.01	67.95
11500		69.60	70.14	68.00
11600		69.69	70.08	68.03
11700		69.70	70.08	68.03
11800		69.72	70.06	68.03
11900		69.75	70.09	67.99
12000		69.75	70.26	67.99
12100		69.77	70.15	68.14
12200		69.76	70.16	68.16
12300		69.81	70.15	68.16
12400		69.68	70.21	68.16
12500		69.81	70.20	68.16
12600		69.85	70.16	68.25
12700		69.87	70.26	68.27
12800		69.81	70.33	68.22
12900		69.98	70.31	68.26
13000		69.94	70.09	70.31
13100		69.93	70.23	68.41
13200		69.90	70.26	68.38
13300		69.93	70.35	68.42
13400		69.97	70.33	68.47
13500		70.14	70.33	68.47
13600		70.00	70.24	68.61
13700		70.04	70.36	68.60
13800		70.05	70.25	68.71
13900		70.10	70.43	68.52
14000		70.28	70.49	68.72
14100		70.28	70.51	68.78
14200		70.30	70.65	68.82
14300		70.33	70.69	68.82
14400		70.33	70.71	68.78
14500		70.47	70.75	68.83

PROGRESIVA	ROTULOS	T.N.	CALZ.	F.C. ACT.
14600		70.52	70.89	68.82
14700		70.70	70.91	68.88
14800		70.66	71.04	68.89
14900		70.83	71.02	68.91
15000		70.73	71.05	68.93
15100		70.71	71.18	69.00
15200		70.83	71.10	69.48
15300		70.94	71.13	69.54
15400		70.83	71.08	69.80
15500		70.91	71.11	69.84
15600		70.91	71.11	69.80
15700		70.99	71.22	69.72
15800		70.99	71.17	69.93
15900		71.09	71.24	69.74
16000		71.19	71.28	69.86
16100		71.00	71.34	69.87
16200		71.15	71.39	69.99
16300		71.05	71.50	69.84
16400		71.50	71.73	69.94
16500		71.46	71.86	70.00
16600		71.49	71.91	69.98
16700		71.50	71.90	70.00
16800		71.37	71.82	69.89
16900		71.52	71.82	70.12
17000		71.47	71.95	70.08
17100		71.53	71.97	69.97
17200		71.57	71.99	70.01
17200		71.50	71.95	69.95
17400		71.65	72.06	70.00
17500		71.73	72.02	70.07
17600		71.64	72.04	70.01
17700		71.71	72.06	70.04
17800		71.41	71.92	69.97
17900		71.63	71.95	69.99
18000		71.67	72.04	70.08
18100		71.66	72.09	69.90
18200		71.64	72.10	69.82
18300		71.47	72.12	69.82
18400		71.63	72.15	69.77
18500		71.60	72.04	69.88
18600		71.45	72.05	69.92
18700		71.44	72.04	69.94
18800		71.50	72.20	69.96
18900		71.59	72.09	69.99
19000		71.61	71.92	70.09
19100		71.56	72.01	70.10
19200		71.60	72.00	70.11
19300		71.57	71.93	70.13
19400		71.68	72.06	70.42
19500		71.66	71.97	70.18

PROGRESIVA	ROTULOS	T.N.	CALZ.	F.C. ACT.
19600		71.55	71.95	70.18
19700		71.68	71.91	70.19
19800		71.54	71.87	70.20
19900		71.59	71.90	70.21
20000		71.56	71.92	70.22
20100		71.47	71.92	70.23
20200		71.55	71.97	70.26
20300		71.51	71.91	70.26
20400		71.54	71.91	70.27
20500		71.47	71.90	70.28
20600		71.54	71.89	70.26
20700		71.65	71.90	70.27
20800		71.51	71.87	70.40
20900		71.55	71.94	70.41
21000		71.58	72.08	70.39
21100		71.62	71.98	70.39
21200		71.63	72.11	70.32
21300		71.55	72.02	70.34
21400		71.64	72.11	70.35
21500		71.66	72.13	70.40
21600		71.55	72.07	70.44
21700		71.60	71.97	70.47
21800		71.53	72.11	70.56
21900		71.52	72.12	70.58
22000		71.66	72.10	73.55
22100		71.63	71.98	70.66
22200		71.59	72.01	70.67
22300		71.70	72.10	70.70
22400		71.80	72.10	70.76
22500		71.78	72.02	70.84
22600		71.64	72.12	70.61
22700		71.75	72.03	70.64
22800		71.77	72.04	70.68
22900		71.88	72.15	70.70
23000		71.77	72.07	70.84
23100		71.85	72.13	70.87
23200		71.97	72.09	70.89
23300		71.99	72.12	70.87
23400		71.96	72.17	70.84
23500		71.93	72.11	70.83
23600		71.96	72.09	70.88
23700		71.89	72.19	70.86
23800		71.86	72.24	71.09
23900		71.84	72.17	71.03
24000		72.12	72.14	71.06
24100		72.09	72.25	71.02
24200		72.19	72.35	71.09
24300		72.18	72.35	71.13
24400		72.29	72.44	71.10
24500		72.29	72.40	71.10

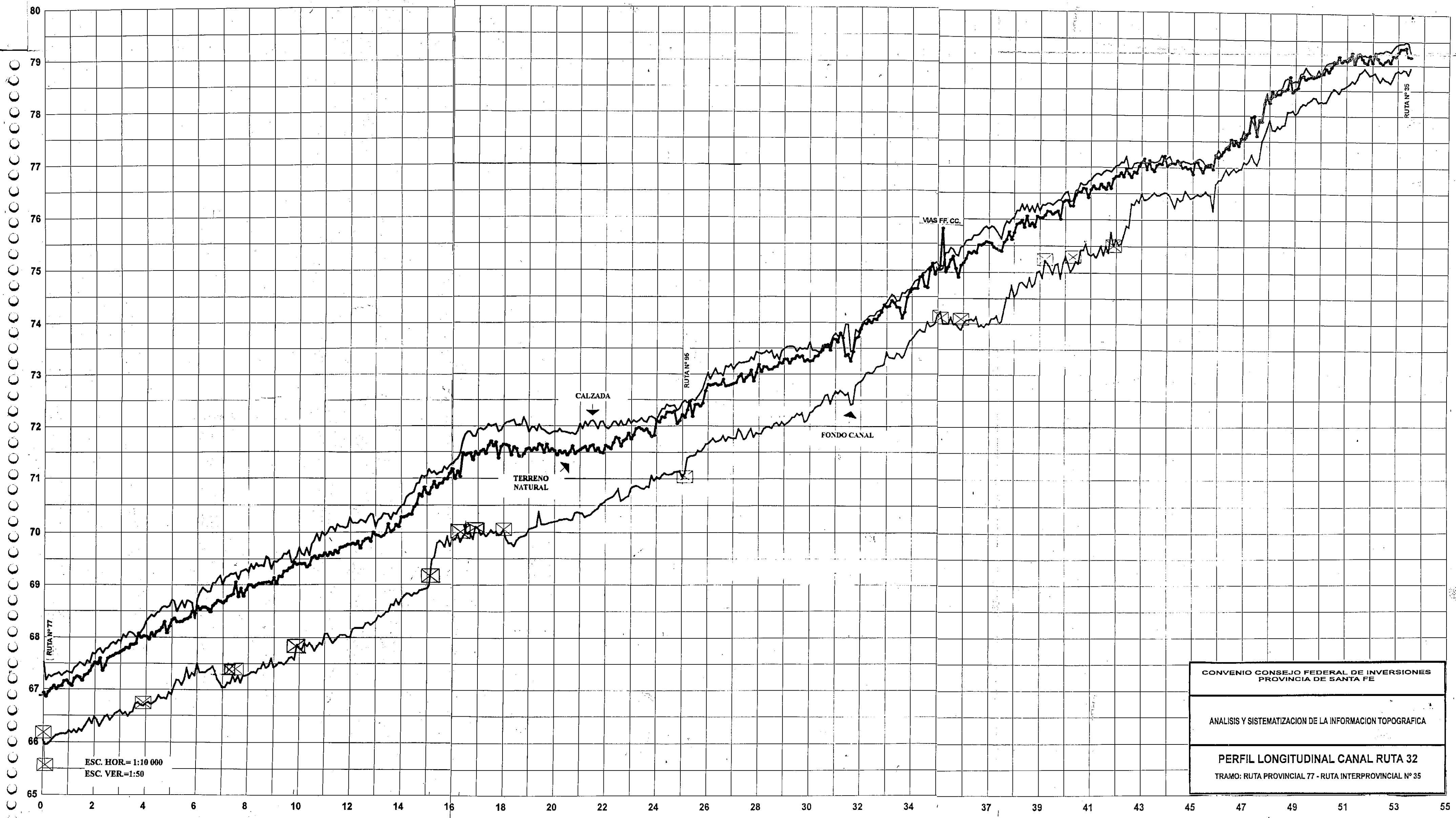
PROGRESIVA	ROTULOS	T.N.	CALZ.	F.C. ACT.
24600		72.28	72.41	71.11
24700		72.31	72.42	71.15
24800		72.06	72.32	71.15
24900		72.12	72.37	71.17
25000		72.24	72.47	71.06
25100	RUTA 95	72.18	72.52	71.13
25200		72.33	72.47	71.42
25300		72.50	72.52	71.45
25400		72.19	72.52	71.45
25500		72.42	72.50	71.46
25600		72.44	72.59	71.56
25700		72.40	72.66	71.53
25800		72.46	72.75	71.59
25900		72.70	72.91	71.67
26000		72.82	73.06	71.69
26100		72.81	72.93	71.73
26200		72.82	73.03	71.78
26300		72.84	73.14	71.72
26400		72.81	73.02	71.73
26500		72.82	73.04	71.76
26600		72.91	72.98	71.83
26700		72.78	73.17	71.72
26800		72.80	73.16	71.81
26900		72.82	73.22	71.79
27000		72.84	73.12	71.78
27100		72.86	73.20	71.78
27200		72.97	73.24	71.97
27200		73.01	73.25	71.90
27400		72.88	73.25	71.76
27500		72.96	73.26	71.79
27600		72.99	73.27	71.89
27700		73.09	73.34	71.97
27800		72.88	73.30	71.79
27900		73.04	73.44	71.88
28000		73.20	73.42	71.86
28100		73.06	73.40	71.86
28200		73.17	73.43	71.97
28300		73.16	73.47	72.00
28400		73.11	73.43	72.00
28500		73.12	73.48	71.98
28600		73.15	73.32	72.05
28700		73.16	73.39	72.08
28800		73.25	73.39	72.02
28900		73.22	73.47	72.11
29000		73.31	73.52	72.04
29100		73.31	73.55	72.08
29200		73.23	73.56	72.12
29300		73.31	73.56	72.19
29400		73.32	73.54	72.19
29500		73.38	73.46	72.27

PROGRESIVA	ROTULOS	T.N.	CALZ.	F.C. ACT.
29600		73.35	73.53	72.23
29700		73.37	73.50	72.29
29800		73.27	73.52	72.10
29900		73.30	73.50	72.14
30000		73.28	73.65	72.29
30100		73.29	73.49	72.32
30200		73.36	73.48	72.38
30300		73.37	73.46	72.41
30400		73.44	73.43	72.42
30500		73.48	73.58	72.50
30600		73.59	73.55	72.62
30700		73.60	73.54	72.64
30800		73.49	73.62	72.46
30900		73.71	73.76	72.61
31000		73.70	73.82	72.71
31100		73.65	73.76	72.66
31200		73.82	73.80	72.72
31300		73.73	73.72	72.67
31400		73.38	74.00	72.62
31500		73.41	73.99	73.68
31600		73.64	73.82	72.80
31700		73.82	73.86	72.83
31800		73.73	73.89	72.82
31900		73.75	73.84	72.87
32000		73.90	73.96	72.72
32100		73.85	73.88	72.95
32200		74.01	74.09	73.05
32300		74.08	74.15	73.07
32400		74.02	74.16	73.04
32500		74.10	74.15	73.08
32600		74.09	74.23	73.17
32700		74.17	74.26	73.18
32800		74.24	74.30	73.20
32900		74.39	74.39	73.23
33000		74.33	74.43	73.46
33100		74.35	74.50	73.35
33200		74.46	74.58	73.34
33300		74.42	74.54	73.33
33400		74.33	74.45	73.43
33500		74.30	74.46	73.41
33600		74.13	74.62	73.35
33700		74.24	74.61	73.42
33800		74.53	74.66	73.56
33900		74.62	74.67	73.67
34000		74.68	74.74	73.71
34100		74.69	74.83	73.78
34200		74.69	74.86	73.85
34300		74.91	74.89	73.89
34400		74.94	74.98	73.85
34500		74.73	74.99	73.84

PROGRESIVA	ROTULOS	T.N.	CALZ.	F.C. ACT.
34600		74.71	75.05	74.05
34700		75.02	75.10	73.95
34800		75.16	75.14	73.97
34900		74.96	75.18	74.02
35000		75.08	75.19	74.21
35100	RUTA 91	75.15	75.07	74.27
35200		75.89	75.15	74.06
35300		75.08	75.43	74.07
35400		75.13	75.40	74.03
35500		75.26	75.49	74.16
35600		75.33	75.46	74.03
35700		75.10	75.37	74.03
35800		74.94	75.34	73.96
35900		75.16	75.50	73.91
36000		75.22	75.54	74.05
36100		75.30	75.63	74.12
36200		75.42	75.65	74.12
36300		75.40	75.65	74.14
36400		75.43	75.72	74.10
36500		75.40	75.72	74.18
36600		75.55	75.74	73.98
36700		75.54	75.80	74.01
36800		75.57	75.90	73.90
36800		75.61	75.87	74.04
37000		75.54	75.80	73.97
37100		75.53	75.85	74.09
37200		75.46	75.84	74.10
37300		75.51	75.78	74.16
37400		75.41	75.70	74.01
37500		75.39	75.62	74.05
37600		75.56	75.85	74.29
37700		75.61	75.96	74.51
37800		75.76	75.92	74.51
37900		75.61	76.00	74.75
38000		75.75	76.04	74.53
38100		75.91	76.17	74.61
38200		75.93	76.17	74.80
38300		75.99	76.30	74.82
38400		75.86	76.19	74.77
38500		76.07	76.29	74.72
38600		75.88	76.15	74.91
38700		75.93	76.26	74.73
38800		75.86	76.14	74.80
38900		76.07	76.31	75.01
39000		76.03	76.17	75.03
39100		76.03	76.28	74.89
39200		76.08	76.27	75.22
39300		76.16	76.31	75.17
39400		76.15	76.31	75.09
39500		76.10	76.28	74.97

PROGRESIVA	ROTULOS	T.N.	CALZ.	F.C. ACT.
39600		76.14	76.33	75.15
39700		76.17	76.37	75.17
39800		76.01	76.37	74.89
39900		76.34	76.46	75.18
40000		76.37	76.52	75.32
40100		76.37	76.53	75.19
40200		76.27	76.35	75.02
40300		76.27	76.37	75.10
40400		76.46	76.55	75.21
40500		76.53	76.58	75.17
40600		76.52	76.70	75.43
40700		76.60	76.66	75.42
40800		76.59	76.67	75.55
40900		76.42	76.73	75.36
41000		76.57	76.75	75.33
41000		76.64	76.82	75.36
41200		76.59	76.87	75.29
41300		76.59	76.88	75.39
41400		76.68	76.85	75.51
41500		76.62	76.91	75.34
41600		76.58	76.94	75.51
41700		76.69	76.93	75.38
41800		76.60	76.91	75.76
41900		76.78	76.98	75.50
42000		76.83	77.03	75.64
42100		76.83	77.04	75.53
42200		76.90	77.10	75.55
42300		76.81	77.09	75.70
42400		76.97	77.21	75.88
42500		76.88	76.98	75.86
42600		76.81	76.98	76.31
42700		76.92	77.08	76.29
42800		76.89	77.09	76.39
42900		77.03	77.09	76.33
43000		77.10	77.12	76.51
43100		77.17	77.08	76.38
43200		76.96	77.10	76.39
43300		77.14	77.10	76.43
43400		76.97	77.11	76.47
43500		76.93	77.10	76.52
43600		77.05	77.11	76.47
43700		77.08	77.14	76.47
43800		77.06	77.24	76.50
43900		77.22	77.13	76.52
44000		77.03	77.18	76.50
44100		77.07	77.22	76.46
44200		77.09	77.11	76.35
44300		77.07	77.08	76.23
44400		77.13	77.14	76.42
44500		77.10	77.04	76.36

PROGRESIVA	ROTULOS	T.N.	CALZ.	F.C. ACT.
44600		76.99	77.13	76.39
44700		77.02	77.11	76.56
44800		76.98	77.10	76.48
44900		76.99	77.07	76.41
45000		76.87	77.09	76.42
45100		77.11	77.13	76.46
45200		77.10	77.16	76.48
45300		77.00	77.17	76.46
45400		76.91	77.13	76.49
45500		77.03	77.05	76.55
45600		77.02	77.08	76.48
45700		77.06	77.00	76.46
45800		76.96	77.01	76.17
45900		77.24	77.21	76.68
46000		77.19	77.34	76.75
46100		77.24	77.26	76.76
46200		77.31	77.32	76.86
46300		77.38	77.40	76.97
46400		77.35	77.43	76.86
46500		77.54	77.51	76.93
46600		77.44	77.53	76.99
46700		77.51	77.54	76.92
46800		77.42	77.47	76.97
46900		77.56	77.55	76.97
47000		77.55	77.71	77.11
47100		77.65	77.58	77.08
47200		77.68	77.70	77.14
47300		77.98	77.91	77.26
47400		78.00	77.84	77.13
47500		77.61	77.64	77.06
47600		77.93	77.87	77.19
47700		77.89	77.96	77.51
47800		78.24	78.29	77.62
47900		78.37	78.44	77.76
48000		78.25	78.30	77.92
48100		78.49	78.37	77.73
48200		78.40	78.41	77.72
48300		78.43	78.50	77.80
48400		78.43	78.52	77.76
48500		78.49	78.55	77.81
48600		78.50	78.71	77.83
48700		78.54	78.74	78.08
48800		78.77	78.73	78.08
48900		78.47	78.67	78.11
49000		78.52	78.69	78.03
49100		78.55	78.67	78.09
49200		78.76	78.83	78.19
49300		78.78	78.84	78.24
49400		78.72	78.95	78.22
49500		78.75	78.87	78.28



ESC. HOR= 1:10 000
 ESC. VER.=1:50

CONVENIO CONSEJO FEDERAL DE INVERSIONES
 PROVINCIA DE SANTA FE

ANALISIS Y SISTEMATIZACION DE LA INFORMACION TOPOGRAFICA

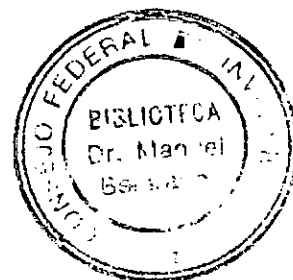
PERFIL LONGITUDINAL CANAL RUTA 32
 TRAMO: RUTA PROVINCIAL 77 - RUTA INTERPROVINCIAL Nº 35

COTAS DE PUNTOS FIJOS CANAL RUTA 32

TRAMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

PTOS. FIJOS	COTAS
0	67.509
1	67.883
2	68.260
3	68.519
4	68.712
5	68.764
6	69.232
7	69.304
8	69.514
9	69.671
10	69.911
11	70.363
12	70.446
13	70.349
14	70.865
15	71.502
16	71.623
17	72.365
18	72.131
19	72.164
20	72.323
21	72.255
22	72.329
23	72.420
24	72.726
25	72.927
26	73.401
27	73.437

PTOS. FIJOS	COTAS
28	73.794
29	73.914
30	73.701
31	74.401
32	74.637
33	75.030
34	75.268
35	75.557
36	75.943
37	76.225
38	76.423
39	76.641
40	76.901
41	77.163
42	77.466
43	77.710
44	77.700
45	77.539
46	76.911
47	78.266
48	79.010
49	79.086
50	79.337
51	79.531
52	79.692
53	79.921
R35	79.962



PUNTOS FIJOS I.G.M. RUTA PROVINCIAL N° 32

TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

PROG.	P.F.	COTA	UBICACION	OBSERV.
	57	67.184		
0				RUTA N° 77
3078	58	68.062	SUR	
6164	59	68.908		ROTO
9100	60	69.313	SUR	
12180	61	70.174	SUR	
15059	62	71.079		No se encontro
18300	63	71.783	NORTE	
21163	64	71.809	NORTE	ROTO
24150	65	72.362	NORTE	
25140				RUTA 95
28200	23	73.432	NORTE	
32112	22	74.226	NORTE	
35147				RUTA 91

PERFILES TRANSVERSALES

PERFILES TRANSVERSALES RUTA PROVINCIAL Nº 32

TRAMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PERFIL Nº 1 PROGRESIVA 0+000						
P. F. 0		1.553			69.06	67.509
TN. N.	-3.00		2.15		69.06	66.91
ALAMB. N.	0.00		2.10		69.06	66.96
1	4.20		2.03		69.06	67.03
2	5.70		2.90		69.06	66.16
3	7.10		3.17		69.06	65.89
4	8.50		2.91		69.06	66.15
5	10.30		1.57		69.06	67.49
CALZ.	14.00		1.56		69.06	67.50
B. CANAL	17.60		1.72		69.06	67.34
6	19.90		2.97		69.06	66.09
E. CANAL	21.80		3.22		69.06	65.84
7	23.10		3.03		69.06	66.03
B. CANAL	24.50		2.05		69.06	67.01
A. S.	25.50		2.08		69.06	66.98
TN. S.	28.50		2.15		69.06	66.91
PERFIL Nº 2 PROGRESIVA 1+000						
P. F. 1		0.944			68.83	67.883
TN. N.	-3.00		1.69		68.83	67.14
ALAMB. N.	0.00		1.65		68.83	67.18
1	2.20		1.94		68.83	66.89
2	2.60		2.06		68.83	66.77
3	5.80		2.15		68.83	66.68
4	7.90		2.07		68.83	66.76
5	10.10		1.58		68.83	67.25
CALZ.	14.30		1.52		68.83	67.31
B. CANAL	18.70		1.65		68.83	67.18
6	19.80		2.41		68.83	66.42
E. CANAL	21.50		2.66		68.83	66.17
7	23.30		2.45		68.83	66.38
B. C.	24.40		1.65		68.83	67.18
A. S.	25.30		1.63		68.83	67.20
TN. S.	28.30		1.69		68.83	67.14
PERFIL Nº 3 PROGRESIVA 2+000						
P. F. 2		0.923			69.18	68.260
TN. N.	-3.00		1.69		69.18	67.49
ALAMB. N.	0.00		1.67		69.18	67.51
1	1.70		1.83		69.18	67.35
2	2.40		1.96		69.18	67.22
3	5.50		2.14		69.18	67.04
4	8.00		1.97		69.18	67.21
5	9.80		1.61		69.18	67.57
CALZ.	14.10		1.50		69.18	67.68
B. CANAL	18.50		1.79		69.18	67.39
6	19.70		2.49		69.18	66.69
E. CANAL	21.90		2.85		69.18	66.33
7	23.30		2.60		69.18	66.58
B. CANAL	24.40		1.84		69.18	67.34
ALAMB. S.	25.30		1.57		69.18	67.61
TN. S.	28.30		1.69		69.18	67.49

PERFILES TRANSVERSALES RUTA PROVINCIAL Nº 32

TRAMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PERFIL Nº 4 PROGRESIVA 3+000						
P. F. 3		0.988			69.51	68.519
TN. N.	-3.00		1.83		69.51	67.68
ALAMB. N.	0.00		1.83		69.51	67.68
1	1.80		1.76		69.51	67.75
2	2.60		1.91		69.51	67.60
3	5.60		2.23		69.51	67.28
4	7.30		2.15		69.51	67.36
5	9.30		1.60		69.51	67.91
CALZ.	14.00		1.55		69.51	67.96
B. CANAL	18.30		1.77		69.51	67.74
6	19.60		2.71		69.51	66.80
E. CANAL	21.40		2.95		69.51	66.56
7	23.00		2.89		69.51	66.62
B. CANAL	24.20		1.87		69.51	67.64
ALAMB. S.	25.00		1.69		69.51	67.82
TN. S.	28.00		1.83		69.51	67.68
PERFIL Nº 5 PROGRESIVA 4+000						
P. F. 4		1.123			69.84	68.712
TN. N.	-3.00		1.81		69.84	68.03
ALAMB. N.	0.00		1.80		69.84	68.04
1	2.90		1.92		69.84	67.92
2	4.70		2.09		69.84	67.75
3	6.30		2.20		69.84	67.64
4	7.50		2.03		69.84	67.81
5	9.10		1.70		69.84	68.14
CALZ.	14.00		1.52		69.84	68.32
B. CANAL	17.90		1.80		69.84	68.04
6	19.70		2.78		69.84	67.06
E. CANAL	21.60		3.13		69.84	66.71
7	22.80		2.77		69.84	67.07
B. CANAL	23.90		2.11		69.84	67.73
ALAMB. S.	24.90		1.77		69.84	68.07
TN. S.	27.90		1.81		69.84	68.03
PERFIL Nº 6 PROGRESIVA 5+000						
P. F. 5		1.368			70.13	68.764
TN. N.	-3.00		1.99		70.13	68.14
ALAMB. N.	0.00		2.05		70.13	68.08
1	3.40		2.00		70.13	68.13
2	4.50		2.23		70.13	67.90
3	5.80		2.38		70.13	67.75
4	7.40		2.17		70.13	67.96
5	9.20		1.60		70.13	68.53
CALZ.	13.80		1.48		70.13	68.65
B. CANAL	17.80		1.66		70.13	68.47
6	19.40		2.96		70.13	67.17
E. CANAL	21.30		3.18		70.13	66.95
7	22.70		3.05		70.13	67.08
B. CANAL	24.20		2.15		70.13	67.98
ALAMB. S.	24.90		1.87		70.13	68.26
TN. S.	27.90		1.99		70.13	68.14

PERFILES TRANSVERSALES RUTA PROVINCIAL N° 32

TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PERFIL N° 7 PROGRESIVA 6+000						
P. F. 6		1.038			70.27	69.232
TN. N.	-3.00		1.70		70.27	68.57
ALAMB. N.	0.00		1.60		70.27	68.67
1	3.60		1.78		70.27	68.49
2	4.40		1.96		70.27	68.31
3	6.00		2.05		70.27	68.22
4	7.20		1.88		70.27	68.39
5	8.90		1.56		70.27	68.71
CALZ.	13.70		1.54		70.27	68.73
B. CANAL	17.60		1.76		70.27	68.51
6	19.00		2.62		70.27	67.65
E. CANAL	21.50		2.95		70.27	67.32
7	22.40		2.72		70.27	67.55
B. CANAL	23.60		1.92		70.27	68.35
ALAMB. S.	24.60		1.62		70.27	68.65
TN. S.	27.60		1.70		70.27	68.57
PERFIL N° 8 PROGRESIVA 7+000						
P. F. 7 (S)		1.122			70.43	69.304
TN. N.	-3.00		1.80		70.43	68.63
ALAMB. N.	0.00		1.73		70.43	68.70
1	1.30		1.75		70.43	68.68
2	1.60		1.91		70.43	68.52
3	3.40		2.04		70.43	68.39
4	4.60		1.89		70.43	68.54
CALZ.	5.90		1.64		70.43	68.79
B. CANAL	11.40		1.48		70.43	68.95
5	16.40		3.00		70.43	67.43
E. CANAL	18.10		3.37		70.43	67.06
6	19.20		3.09		70.43	67.34
B. CANAL	20.20		1.98		70.43	68.45
ALAMB. S.	21.10		1.78		70.43	68.65
TN. S.	24.10		1.80		70.43	68.63
PERFIL N° 9 PROGRESIVA 8+000						
P. F. 8		1.234			70.75	69.514
TN. N.	-3.00		1.87		70.75	68.88
ALAMB. N.	0.00		1.89		70.75	68.86
1	1.40		2.04		70.75	68.71
2	1.80		2.18		70.75	68.57
3	3.10		2.19		70.75	68.56
4	4.00		2.04		70.75	68.71
5	5.20		1.69		70.75	69.06
CALZ.	9.80		1.49		70.75	69.26
B. CANAL	12.40		1.58		70.75	69.17
6	15.00		3.16		70.75	67.59
E. CANAL	16.50		3.44		70.75	67.31
7	17.60		3.16		70.75	67.59
B. CANAL	18.90		2.07		70.75	68.68
ALAMB. S.	19.90		1.88		70.75	68.87
TN. S.	22.90		1.87		70.75	68.88

PERFILES TRANSVERSALES RUTA PROVINCIAL N° 32

TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PERFIL N° 10 PROGRESIVA 9+000						
P. F. 9		1.314			70.99	69.671
TN. N.	-3.00		1.70		70.99	69.29
ALAMB. N.	0.00		1.74		70.99	69.25
1	1.20		2.08		70.99	68.91
2	1.50		2.28		70.99	68.71
3	2.80		2.25		70.99	68.74
4	3.80		2.03		70.99	68.96
5	5.00		1.70		70.99	69.29
CALZ.	9.90		1.53		70.99	69.46
B. CANAL	13.00		1.63		70.99	69.36
6	14.80		3.21		70.99	67.78
E. CANAL	16.40		3.46		70.99	67.53
7	17.30		3.29		70.99	67.70
B. CANAL	18.40		2.11		70.99	68.88
ALAMB. S.	19.50		1.85		70.99	69.14
TN. S.	22.50		1.70		70.99	69.29
PERFIL N° 11 PROGRESIVA 10+000						
P. F. 10		1.307			71.22	69.911
TN. N.	-3.00		1.93		71.22	69.29
ALAMB. N.	0.00		1.82		71.22	69.40
1	1.10		2.00		71.22	69.22
2	1.40		2.17		71.22	69.05
3	2.40		2.20		71.22	69.02
4	3.30		2.01		71.22	69.21
6	4.40		1.63		71.22	69.59
CALZ.	8.90		1.51		71.22	69.71
B. CANAL	12.30		1.45		71.22	69.77
6	15.20		3.25		71.22	67.97
E. CANAL	16.70		3.46		71.22	67.76
7	17.60		3.36		71.22	67.86
B. CANAL	19.20		1.93		71.22	69.29
ALAMB. S.	19.70		1.79		71.22	69.43
TN. S.	22.70		1.93		71.22	69.29
PERFIL N° 12 PROGRESIVA 11+000						
P. F. 11		1.081			71.44	70.363
TN. N.	-3.00		1.81		71.44	69.63
ALAMB. N.	0.00		1.86		71.44	69.58
1	0.90		1.99		71.44	69.45
2	1.30		2.20		71.44	69.24
3	2.30		2.32		71.44	69.12
4	3.80		2.02		71.44	69.42
5	5.20		1.62		71.44	69.82
CALZ.	9.50		1.50		71.44	69.94
B. CANAL	12.70		1.69		71.44	69.75
6	15.40		3.12		71.44	68.32
E. CANAL	16.90		3.38		71.44	68.06
7	17.60		3.26		71.44	68.18
B. CANAL	19.00		2.06		71.44	69.38
ALAMB. S.	19.50		1.82		71.44	69.62
TN. S.	22.50		1.81		71.44	69.63

PERFILES TRANSVERSALES RUTA PROVINCIAL Nº 32

TRAMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PERFIL Nº 13 PROGRESIVA 12+000						
P. F. 12		1.299			71.75	70.446
TN. N.	-3.00		2.02		71.75	69.73
ALAMB. N.	0.00		1.99		71.75	69.76
1	0.50		2.03		71.75	69.72
2	1.20		2.29		71.75	69.46
3	2.50		2.47		71.75	69.28
4	4.00		2.27		71.75	69.48
5	5.70		1.70		71.75	70.05
CALZ.	10.20		1.52		71.75	70.23
B. CANAL	14.00		1.71		71.75	70.04
6	16.30		3.52		71.75	68.23
E. CANAL	17.30		3.79		71.75	67.96
7	18.10		3.46		71.75	68.29
B. CANAL	19.40		2.15		71.75	69.60
ALAMB. S.	20.00		1.87		71.75	69.88
TN. S.	23.00		2.02		71.75	69.73
PERFIL Nº 14 PROGRESIVA 13+000						
P. F. 13		1.409			71.76	70.349
TN. N.	-3.00		1.96		71.76	69.80
ALAMB. N.	0.00		1.93		71.76	69.83
1	0.40		1.96		71.76	69.80
2	0.80		2.15		71.76	69.61
3	2.80		2.24		71.76	69.52
4	3.90		2.11		71.76	69.65
5	6.00		1.77		71.76	69.99
CALZ.	10.20		1.61		71.76	70.15
B. CANAL	13.90		1.76		71.76	70.00
6	16.00		3.24		71.76	68.52
E. CANAL	17.30		3.46		71.76	68.30
7	18.00		3.22		71.76	68.54
B. CANAL	18.90		1.96		71.76	69.80
ALAMB. S.	19.70		1.80		71.76	69.96
TN. S.	22.70		1.96		71.76	69.80
PERFIL Nº 15 PROGRESIVA 14+000						
P. F. 14		1.131			72.00	70.865
TN. N.	-3.00		1.77		72.00	70.23
ALAMB. N.	0.00		1.71		72.00	70.29
1	0.40		1.73		72.00	70.27
2	1.00		1.97		72.00	70.03
3	2.20		2.14		72.00	69.86
4	4.10		1.98		72.00	70.02
5	5.80		1.67		72.00	70.33
CALZ.	9.70		1.50		72.00	70.50
B. CANAL	13.70		1.56		72.00	70.44
6	16.40		3.11		72.00	68.89
E. CANAL	17.60		3.27		72.00	68.73
7	18.30		3.09		72.00	68.91
B. CANAL	19.40		1.89		72.00	70.11
ALAMB. S.	20.20		1.76		72.00	70.24
TN. S.	23.20		1.77		72.00	70.23

PERFILES TRANSVERSALES RUTA PROVINCIAL N° 32

TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PERFIL N° 16 PROGRESIVA 15+000						
P. F. 15		1.080			72.58	71.502
TN. N.	-3.00		1.82		72.58	70.76
ALAMB. N.	0.00		1.68		72.58	70.90
1	1.00		1.84		72.58	70.74
2	1.40		2.11		72.58	70.47
3	2.80		2.21		72.58	70.37
4	4.40		2.05		72.58	70.53
5	5.50		1.63		72.58	70.95
CALZ.	10.00		1.52		72.58	71.06
B. CANAL	13.80		1.60		72.58	70.98
6	16.00		3.27		72.58	69.31
E. CANAL	17.30		3.67		72.58	68.91
7	18.10		3.33		72.58	69.25
B. CANAL	19.60		1.82		72.58	70.76
ALAMB. S.	20.20		1.73		72.58	70.85
TN. S.	23.20		1.82		72.58	70.76
PERFIL N° 17 PROGRESIVA 16+000						
P. F. 16		1.164			72.79	71.623
TN. N.	-3.00		1.74		72.79	71.05
ALAMB. N.	0.00		1.63		72.79	71.16
1	0.40		1.62		72.79	71.17
2	1.00		2.02		72.79	70.77
3	2.70		2.18		72.79	70.61
4	4.50		2.00		72.79	70.79
CALZ.	6.00		1.48		72.79	71.31
B. CANAL	10.40		1.53		72.79	71.26
5	14.20		1.81		72.79	70.98
E. CANAL	15.50		2.61		72.79	70.18
6	17.50		2.97		72.79	69.82
B. CANAL	18.80		2.40		72.79	70.39
ALAMB. S.	20.00		1.79		72.79	71.00
TN. S.	23.00		1.74		72.79	71.05
PERFIL N° 18 PROGRESIVA 17+000						
P. F. 17		1.015			73.38	72.365
TN. N.	-3.00		1.93		73.38	71.45
ALAMB. N.	0.00		1.62		73.38	71.76
1	0.50		1.69		73.38	71.69
2	1.60		2.04		73.38	71.34
3	2.70		2.20		73.38	71.18
4	4.00		2.09		73.38	71.29
5	5.40		1.65		73.38	71.73
CALZ.	10.70		1.47		73.38	71.91
B. CANAL	14.90		1.59		73.38	71.79
6	16.10		2.86		73.38	70.52
E. CANAL	18.70		3.28		73.38	70.10
7	19.80		3.18		73.38	70.20
B. CANAL	20.70		2.34		73.38	71.04
ALAMB. S.	22.80		1.92		73.38	71.46
TN. S.	25.80		1.93		73.38	71.45

PERFILES TRANSVERSALES RUTA PROVINCIAL Nº 32

TRAMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PERFIL Nº 19 PROGRESIVA 18+000						
P. F. 18		1.370			73.50	72.131
TN. N.	-3.00		1.76		73.50	71.74
ALAMB. N.	0.00		2.01		73.50	71.49
1	0.70		2.20		73.50	71.30
2	1.10		2.31		73.50	71.19
3	3.00		2.35		73.50	71.15
4	4.70		2.12		73.50	71.38
5	6.10		1.70		73.50	71.80
CALZ.	12.40		1.49		73.50	72.01
B. CANAL	16.40		1.58		73.50	71.92
6	18.50		2.93		73.50	70.57
E. CANAL	20.40		3.50		73.50	70.00
7	22.00		3.32		73.50	70.18
B. C.	23.20		1.74		73.50	71.76
A. S.	23.90		1.75		73.50	71.75
TN. S.	26.90		1.76		73.50	71.74
PERFIL Nº 20 PROGRESIVA 19+000						
P. F. 19		1.359			73.52	72.164
TN. N.	-3.00		1.82		73.52	71.70
ALAMB. N.	0.00		1.81		73.52	71.71
1	0.90		1.92		73.52	71.60
2	2.00		2.32		73.52	71.20
3	3.40		2.39		73.52	71.13
4	5.10		2.14		73.52	71.38
5	6.60		1.54		73.52	71.98
CALZ.	10.80		1.55		73.52	71.97
B. CANAL	15.80		1.76		73.52	71.76
6	17.90		3.07		73.52	70.45
E. CANAL	19.70		3.51		73.52	70.01
7	21.00		3.17		73.52	70.35
B. CANAL	23.00		2.12		73.52	71.40
TN. S.	26.00		1.82		73.52	71.70
PERFIL Nº 21 PROGRESIVA 20+000						
P. F. 20		1.059			73.38	72.323
TN. N.	-3.00		1.98		73.38	71.40
ALAMB. N.	0.00		1.62		73.38	71.76
1	0.60		1.69		73.38	71.69
2	1.80		2.92		73.38	70.46
3	3.20		2.31		73.38	71.07
4	4.90		2.04		73.38	71.34
5	6.30		1.54		73.38	71.84
CALZ.	11.30		1.46		73.38	71.92
B. CANAL	15.60		1.65		73.38	71.73
6	17.40		2.70		73.38	70.68
E. CANAL	18.80		3.12		73.38	70.26
7	20.90		2.90		73.38	70.48
B. CANAL	22.00		2.26		73.38	71.12
ALAMB. S.	24.60		1.90		73.38	71.48
TN. S.	27.60		1.98		73.38	71.40

PERFILES TRANSVERSALES RUTA PROVINCIAL N° 32

TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PERFIL N° 22 PROGRESIVA 21+000						
P. F. 21		1.381			73.64	72.255
TN. N.	-3.00		2.03		73.64	71.61
ALAMB. N.	0.00		1.98		73.64	71.66
1	1.10		1.98		73.64	71.66
2	1.90		2.35		73.64	71.29
3	3.60		2.46		73.64	71.18
4	5.30		2.29		73.64	71.35
5	7.00		1.61		73.64	72.03
CALZ.	10.90		1.50		73.64	72.14
B. CANAL	15.50		1.68		73.64	71.96
6	17.60		3.05		73.64	70.59
E. CANAL	19.10		3.29		73.64	70.35
7	20.60		3.14		73.64	70.50
B. CANAL	22.30		2.24		73.64	71.40
ALAMB. S.	23.80		2.08		73.64	71.56
TN. S.	26.80		2.03		73.64	71.61
PERFIL N° 22 PROGRESIVA 22+000						
P. F. 22		1.123			73.45	72.329
TN. N.	-3.00		1.85		73.45	71.60
ALAMB. N.	0.00		1.77		73.45	71.68
1	1.20		1.75		73.45	71.70
2	2.40		2.97		73.45	70.48
3	3.40		3.10		73.45	70.35
4	4.50		2.81		73.45	70.64
5	5.90		1.53		73.45	71.92
CALZ.	10.40		1.42		73.45	72.03
B. CANAL	15.00		1.58		73.45	71.87
6	16.60		2.30		73.45	71.15
E. CANAL	19.80		2.84		73.45	70.61
7	21.80		2.62		73.45	70.83
8	24.00		2.47		73.45	70.98
B. CANAL	25.00		1.90		73.45	71.55
ALAMB. S.	26.00		1.84		73.45	71.61
TN. S.	29.00		1.85		73.45	71.60
PERFIL N° 24 PROGRESIVA 23+000						
P. F. 23		1.235			73.66	72.420
TN. N.	-3.00		1.87		73.66	71.79
ALAMB. N.	0.00		1.87		73.66	71.79
1	1.50		1.95		73.66	71.71
2	1.90		2.25		73.66	71.41
3	3.10		2.21		73.66	71.45
4	6.60		1.71		73.66	71.95
CALZ.	12.10		1.57		73.66	72.09
B. CANAL	17.60		1.84		73.66	71.82
5	18.30		2.66		73.66	71.00
E. CANAL	20.40		2.85		73.66	70.81
6	22.30		2.65		73.66	71.01
B. CANAL	23.10		2.00		73.66	71.66
ALAMB. S.	24.90		1.86		73.66	71.80
TN. S.	27.90		1.87		73.66	71.79

PERFILES TRANSVERSALES RUTA PROVINCIAL N° 32

TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PERFIL N° 25 PROGRESIVA 24+000						
P. F. 24		0.867			73.59	72.726
TN. N.	-3.00		1.52		73.59	72.07
ALAMB. N.	0.00		1.43		73.59	72.16
1	1.60		1.53		73.59	72.06
2	2.00		1.92		73.59	71.67
3	3.10		2.07		73.59	71.52
4	3.90		1.90		73.59	71.69
5	6.90		1.51		73.59	72.08
CALZ.	12.30		1.50		73.59	72.09
B. CANAL	16.90		1.76		73.59	71.83
6	17.40		2.34		73.59	71.25
E. CANAL	19.90		2.44		73.59	71.15
7	21.80		2.35		73.59	71.24
B. CANAL	23.00		1.55		73.59	72.04
ALAMB. S.	24.60		1.50		73.59	72.09
TN. S.	27.60		1.52		73.59	72.07
PERFIL N° 26 PROGRESIVA 25+000 (Ruta Prov. N° 77)						
P. F. 25		1.058			73.99	72.927
TN. N.	-3.00		1.75		73.99	72.24
ALAMB. N.	0.00		1.72		73.99	72.27
1	0.60		1.71		73.99	72.28
2	1.10		2.34		73.99	71.65
3	2.30		2.26		73.99	71.73
4	4.70		1.69		73.99	72.30
CALZ.	9.80		1.51		73.99	72.48
B. CANAL	14.50		1.77		73.99	72.22
5	16.30		2.76		73.99	71.23
E. CANAL	17.90		2.92		73.99	71.07
6	19.20		2.72		73.99	71.27
B. CANAL	20.50		1.88		73.99	72.11
ALAMB. S.	24.10		1.74		73.99	72.25
TN. S.	27.10		1.75		73.99	72.24
PERFIL N° 27 PROGRESIVA 26+000						
P. F. 26		1.004			74.41	73.401
TN. N.	-3.00		1.59		74.41	72.82
ALAMB. N.	0.00		1.56		74.41	72.85
1	0.30		1.62		74.41	72.79
2	0.70		1.85		74.41	72.56
3	2.10		2.09		74.41	72.32
4	3.70		1.89		74.41	72.52
5	5.00		1.57		74.41	72.84
CALZ.	8.40		1.49		74.41	72.92
6	13.60		1.55		74.41	72.86
B. CANAL	15.20		1.66		74.41	72.75
7	16.20		2.37		74.41	72.04
E. CANAL	18.20		2.73		74.41	71.68
8	19.20		2.56		74.41	71.85
B. CANAL	20.00		1.74		74.41	72.67
ALAMB. S.	20.80		1.61		74.41	72.80
TN. S.	23.80		1.59		74.41	72.82

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PERFIL N° 28 PROGRESIVA 27+000						
P. F. 27		1.212			74.65	73.437
TN. N.	-3.00		1.77		74.65	72.88
ALAMB. N.	0.00		1.75		74.65	72.90
1	0.20		1.79		74.65	72.86
2	0.70		2.07		74.65	72.58
3	1.80		2.23		74.65	72.42
4	3.60		1.98		74.65	72.67
5	5.60		1.59		74.65	73.06
CALZ.	9.30		1.51		74.65	73.14
B. CANAL	14.70		1.71		74.65	72.94
6	16.00		2.62		74.65	72.03
E. CANAL	17.20		2.92		74.65	71.73
7	19.20		2.69		74.65	71.96
B. CANAL	20.30		1.87		74.65	72.78
ALAMB. S.	20.90		1.74		74.65	72.91
TN. S.	23.90		1.77		74.65	72.88
PERFIL N° 29 PROGRESIVA 28+000						
P. F. 28		1.125			74.92	73.794
TN. N.	-3.00		1.70		74.92	73.22
ALAMB. N.	0.00		1.75		74.92	73.17
1	1.80		1.72		74.92	73.20
2	2.30		1.91		74.92	73.01
3	3.90		2.00		74.92	72.92
4	5.20		1.86		74.92	73.06
5	6.80		1.54		74.92	73.38
CALZ.	10.00		1.50		74.92	73.42
B. CANAL	15.10		1.62		74.92	73.30
6	16.80		2.67		74.92	72.25
E. CANAL	18.60		3.03		74.92	71.89
7	20.30		2.76		74.92	72.16
B. CANAL	21.10		1.99		74.92	72.93
ALAMB. S.	21.80		1.73		74.92	73.19
TN. S.	24.80		1.70		74.92	73.22
PERFIL N° 30 PROGRESIVA 29+000						
P. F. 29		1.180			75.09	73.914
TN. N.	-3.00		1.84		75.09	73.25
ALAMB. N.	0.00		1.80		75.09	73.29
1	1.80		1.77		75.09	73.32
2	2.00		1.99		75.09	73.10
3	4.20		1.89		75.09	73.20
4	6.00		1.62		75.09	73.47
CALZ.	10.80		1.54		75.09	73.55
B. CANAL	14.60		1.62		75.09	73.47
5	16.70		2.65		75.09	72.44
E. CANAL	18.40		2.99		75.09	72.10
6	19.70		2.84		75.09	72.25
B. CANAL	21.00		2.01		75.09	73.08
ALAMB. S.	21.90		1.83		75.09	73.26
TN. S.	24.90		1.84		75.09	73.25

PERFILES TRANSVERSALES RUTA PROVINCIAL N° 32

TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PERFIL N° 31 PROGRESIVA 30+000						
P. F. 30		1.479			75.18	73.701
TN. N.	-3.00		1.98		75.18	73.20
ALAMB. N.	0.00		1.95		75.18	73.23
1	1.80		1.92		75.18	73.26
2	2.80		2.16		75.18	73.02
3	4.00		2.13		75.18	73.05
4	6.10		1.62		75.18	73.56
CALZ.	11.20		1.53		75.18	73.65
B. CANAL	15.00		1.62		75.18	73.56
7	16.80		2.60		75.18	72.58
E. CANAL	18.60		2.94		75.18	72.24
8	19.90		2.77		75.18	72.41
B. CANAL	20.70		2.10		75.18	73.08
ALAMB. S.	21.50		1.95		75.18	73.23
TN. S.	24.50		1.98		75.18	73.20
PERFIL N° 32 PROGRESIVA 31+000						
P. F. 31		0.943			75.34	74.401
TN. N.	-3.00		1.65		75.34	73.69
ALAMB. N.	0.00		1.67		75.34	73.67
1	1.40		1.66		75.34	73.68
2	1.70		1.88		75.34	73.46
3	4.30		2.00		75.34	73.34
4	6.40		1.57		75.34	73.77
CALZ.	10.90		1.49		75.34	73.85
B. CANAL	15.30		1.70		75.34	73.64
7	16.50		2.49		75.34	72.85
E. CANAL	18.60		2.78		75.34	72.56
8	20.20		2.63		75.34	72.71
B. CANAL	21.00		1.90		75.34	73.44
ALAMB. S.	21.80		1.59		75.34	73.75
TN. S.	24.80		1.65		75.34	73.69
PERFIL N° 33 PROGRESIVA 32+000						
P. F. 32		0.861			75.50	74.637
TN. N.	-3.00		1.58		75.50	73.92
ALAMB. N.	0.00		1.52		75.50	73.98
1	1.10		1.52		75.50	73.98
2	1.40		1.80		75.50	73.70
3	3.10		1.79		75.50	73.71
4	6.30		1.57		75.50	73.93
CALZ.	10.70		1.53		75.50	73.97
B. CANAL	14.60		1.70		75.50	73.80
5	16.20		2.28		75.50	73.22
E. CANAL	17.90		2.57		75.50	72.93
6	19.10		2.44		75.50	73.06
B. CANAL	20.00		1.99		75.50	73.51
ALAMB. S.	21.10		1.53		75.50	73.97
TN. S.	24.10		1.58		75.50	73.92

PERFILES TRANSVERSALES RUTA PROVINCIAL N° 32

TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PERFIL N° 34 PROGRESIVA 33+000						
P. F. 33		0.899			75.93	75.030
TN. N.	-3.00		1.56		75.93	74.37
ALAMB. N.	0.00		1.48		75.93	74.45
1	0.20		1.51		75.93	74.42
2	0.60		1.72		75.93	74.21
3	1.90		1.81		75.93	74.12
4	3.90		1.64		75.93	74.29
CALZ.	8.30		1.50		75.93	74.43
B. CANAL	13.60		1.75		75.93	74.18
6	15.40		2.30		75.93	73.63
E. CANAL	16.80		2.48		75.93	73.45
7	18.00		2.38		75.93	73.55
B. CANAL	18.70		1.86		75.93	74.07
ALAMB. S.	20.00		1.52		75.93	74.41
TN. S.	23.00		1.56		75.93	74.37
PERFIL N° 35 PROGRESIVA 34+000						
P. F. 34		1.893			77.16	75.268
TN. N.	-3.00		1.52		77.16	75.64
ALAMB. N.	0.00		1.50		77.16	75.66
1	0.20		1.59		77.16	75.57
2	0.40		1.62		77.16	75.54
3	2.40		1.70		77.16	75.46
4	4.80		1.52		77.16	75.64
CALZ.	9.60		1.42		77.16	75.74
B. CANAL	14.00		1.66		77.16	75.50
5	15.60		2.03		77.16	75.13
E. CANAL	17.40		2.33		77.16	74.83
6	18.90		2.29		77.16	74.87
B. CANAL	19.60		1.69		77.16	75.47
ALAMB. S.	21.00		1.50		77.16	75.66
TN. S.	24.00		1.52		77.16	75.64
PERFIL N° 36 PROGRESIVA 35+000						
P. F. 35		1.098			76.66	75.557
TN. N.	-3.00		1.58		76.66	75.08
ALAMB. N.	0.00		1.65		76.66	75.01
1	0.80		1.74		76.66	74.92
2	1.20		1.96		76.66	74.70
3	2.40		1.84		76.66	74.82
4	4.70		1.55		76.66	75.11
CALZ.	8.90		1.45		76.66	75.21
B. CANAL	13.30		1.66		76.66	75.00
5	14.90		2.11		76.66	74.55
E. CANAL	17.10		2.48		76.66	74.18
6	18.50		2.36		76.66	74.30
B. CANAL	19.30		1.81		76.66	74.85
ALAMB. S.	20.40		1.68		76.66	74.98
TN. S.	23.40		1.58		76.66	75.08

PERFILES TRANSVERSALES RUTA PROVINCIAL N° 32

TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PERFIL N° 37 PROGRESIVA 36+000						
P. F. 36		1.060			77.00	75.943
TN. N.	-3.00		1.79		77.00	75.21
ALAMB. N.	0.00		1.76		77.00	75.24
1	0.70		1.82		77.00	75.18
2	1.30		2.02		77.00	74.98
3	2.90		2.13		77.00	74.87
4	5.80		1.53		77.00	75.47
CALZ.	10.00		1.48		77.00	75.52
5	13.70		1.43		77.00	75.57
6	14.50		1.80		77.00	75.20
B. CANAL	15.60		2.00		77.00	75.00
7	16.50		2.59		77.00	74.41
E. CANAL	17.70		3.10		77.00	73.90
8	19.00		2.62		77.00	74.38
B. CANAL	19.70		1.81		77.00	75.19
ALAMB. S.	20.50		1.59		77.00	75.41
TN. S.	23.50		1.79		77.00	75.21
PERFIL N° 38 PROGRESIVA 37+000						
P. F. 37		1.259			77.48	76.225
TN. N.	-3.00		1.87		77.48	75.61
ALAMB. N.	0.00		1.84		77.48	75.64
1	0.90		2.00		77.48	75.48
2	1.30		2.18		77.48	75.30
3	2.70		2.30		77.48	75.18
4	5.50		1.68		77.48	75.80
CALZ.	9.50		1.56		77.48	75.92
5	12.30		1.59		77.48	75.89
6	13.70		2.02		77.48	75.46
B. CANAL	14.90		2.29		77.48	75.19
7	15.60		2.92		77.48	74.56
E. CANAL	17.10		3.40		77.48	74.08
8	18.00		3.16		77.48	74.32
B. CANAL	18.60		2.11		77.48	75.37
ALAMB. S.	20.00		1.87		77.48	75.61
TN. S.	23.00		1.87		77.48	75.61
PERFIL N° 39 PROGRESIVA 38+000						
P. F. 38		0.759			77.18	76.423
TN. N.	-3.00		1.44		77.18	75.74
ALAMB. N.	0.00		1.38		77.18	75.80
1	0.40		1.40		77.18	75.78
2	1.50		1.73		77.18	75.45
3	3.10		1.66		77.18	75.52
4	5.40		1.27		77.18	75.91
CALZ.	9.70		1.12		77.18	76.06
B. CANAL	13.20		1.12		77.18	76.06
5	14.50		1.56		77.18	75.62
6	15.50		1.69		77.18	75.49
7	16.40		2.33		77.18	74.85
B. CANAL	17.30		2.51		77.18	74.67
8	18.20		2.38		77.18	74.80
9	20.00		1.25		77.18	75.93
ALAMB. S.	21.40		1.33		77.18	75.85
TN. S.	24.40		1.44		77.18	75.74

PERFILES TRANSVERSALES RUTA PROVINCIAL Nº 32

TRAMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PERFIL Nº 40 PROGRESIVA 39+000						
P. F. 39		1.263			77.90	76.641
TN. N.	-3.00		1.89		77.90	76.01
ALAMB. N.	0.00		1.90		77.90	76.00
1	0.40		2.01		77.90	75.89
2	0.70		2.10		77.90	75.80
3	3.20		2.19		77.90	75.71
4	5.50		1.72		77.90	76.18
5	10.20		1.56		77.90	76.34
CALZ.	14.20		1.68		77.90	76.22
B. CANAL	15.80		1.91		77.90	75.99
6	16.60		2.78		77.90	75.12
E. CANAL	17.50		2.97		77.90	74.93
7	18.50		2.80		77.90	75.10
B. CANAL	19.30		2.05		77.90	75.85
ALAMB. S.	20.00		1.91		77.90	75.99
TN. S.	23.00		1.89		77.90	76.01
PERFIL Nº 41 PROGRESIVA 40+000						
P. F. 40		1.252			78.15	76.901
TN. N.	-3.00		1.80		78.15	76.35
ALAMB. N.	0.00		1.85		78.15	76.30
1	0.70		1.95		78.15	76.20
2	1.30		2.13		78.15	76.02
3	3.20		2.05		78.15	76.10
4	4.70		1.85		78.15	76.30
5	9.70		1.56		78.15	76.59
CALZ.	13.60		1.57		78.15	76.58
B. CANAL	14.40		1.93		78.15	76.22
6	15.80		2.27		78.15	75.88
E. CANAL	17.10		2.99		78.15	75.16
7	18.30		2.78		78.15	75.37
B. CANAL	19.40		1.85		78.15	76.30
ALAMB. S.	19.80		1.79		78.15	76.36
TN. S.	22.80		1.80		78.15	76.35
PERFIL Nº 42 PROGRESIVA 41+000						
P. F. 41		1.263			78.43	77.163
TN. N.	-3.00		1.87		78.43	76.56
ALAMB. N.	0.00		1.88		78.43	76.55
1	0.20		1.95		78.43	76.48
2	0.70		2.11		78.43	76.32
3	3.30		2.11		78.43	76.32
4	5.50		1.78		78.43	76.65
CALZ.	10.00		1.56		78.43	76.87
5	14.10		1.53		78.43	76.90
6	15.70		2.17		78.43	76.26
B. CANAL	16.30		2.23		78.43	76.20
7	16.70		2.70		78.43	75.73
E. CANAL	17.70		3.00		78.43	75.43
8	18.70		2.84		78.43	75.59
B.	19.50		1.86		78.43	76.57
A.	20.10		1.85		78.43	76.58
TN. S.	23.10		1.87		78.43	76.56

PERFILES TRANSVERSALES RUTA PROVINCIAL Nº 32

TRAMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PERFIL Nº 43 PROGRESIVA 42+000						
P. F. 42		1.218			78.68	77.466
TN. N.	-3.00		1.86		78.68	76.82
ALAMB. N.	0.00		1.82		78.68	76.86
1	0.20		1.89		78.68	76.79
2	1.70		2.29		78.68	76.39
3	3.50		2.19		78.68	76.49
4	6.70		1.72		78.68	76.96
CALZ.	11.00		1.64		78.68	77.04
B. CANAL	15.30		1.67		78.68	77.01
5	17.20		2.30		78.68	76.38
E. CANAL	18.90		3.09		78.68	75.59
6	19.70		2.88		78.68	75.80
B. CANAL	20.80		1.95		78.68	76.73
ALAMB. S.	21.70		1.82		78.68	76.86
TN. S.	24.70		1.86		78.68	76.82
PERFIL Nº 44 PROGRESIVA 43+000						
P. F. 43		1.047			78.76	77.710
TN. N.	-3.00		1.76		78.76	77.00
ALAMB. N.	0.00		1.80		78.76	76.96
1	0.40		1.81		78.76	76.95
2	1.20		2.15		78.76	76.61
3	3.20		2.29		78.76	76.47
4	5.60		1.81		78.76	76.95
CALZ.	8.80		1.65		78.76	77.11
B. CANAL	14.00		1.68		78.76	77.08
5	15.00		2.07		78.76	76.69
E. CANAL	16.60		2.29		78.76	76.47
6	17.50		2.23		78.76	76.53
B. CANAL	19.10		1.81		78.76	76.95
ALAMB. S.	20.00		1.72		78.76	77.04
TN. S.	23.00		1.76		78.76	77.00
PERFIL Nº 45 PROGRESIVA 44+000						
P. F. 44		0.917			78.62	77.700
TN. N.	-3.00		1.66		78.62	76.96
ALAMB. N.	0.00		1.55		78.62	77.07
1	1.70		1.86		78.62	76.76
2	2.40		2.07		78.62	76.55
3	4.00		1.95		78.62	76.67
4	5.50		1.57		78.62	77.05
CALZ.	8.90		1.39		78.62	77.23
B. CANAL	14.00		1.31		78.62	77.31
5	15.50		1.81		78.62	76.81
E. CANAL	17.40		2.11		78.62	76.51
6	19.00		1.79		78.62	76.83
B. CANAL	20.10		1.55		78.62	77.07
A. S.	20.50		1.52		78.62	77.10
TN. S.	23.50		1.66		78.62	76.96

PERFILES TRANSVERSALES RUTA PROVINCIAL N° 32

TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PERFIL N° 46 PROGRESIVA 45+000						
P. F. 45		1.026			78.57	77.539
TN. N.	-3.00		1.67		78.57	76.90
ALAMB. N.	0.00		1.68		78.57	76.89
1	1.30		1.87		78.57	76.70
2	1.60		1.98		78.57	76.59
3	2.40		2.06		78.57	76.51
4	5.20		1.62		78.57	76.95
CALZ.	9.60		1.41		78.57	77.16
B. CANAL	13.90		1.38		78.57	77.19
5	15.40		1.78		78.57	76.79
E. CANAL	17.60		2.12		78.57	76.45
6	18.30		2.03		78.57	76.54
B. CANAL	19.00		1.84		78.57	76.73
ALAMB. S.	20.20		1.66		78.57	76.91
TN. S.	23.20		1.67		78.57	76.90
PERFIL N° 47 PROGRESIVA 46+000						
P. F. 46		0.851			77.76	76.911
TN. N.	-3.00		1.63		77.76	76.13
ALAMB. N.	0.00		1.55		77.76	76.21
1	1.30		1.78		77.76	75.98
2	1.80		1.89		77.76	75.87
3	2.90		2.00		77.76	75.76
4	4.40		1.62		77.76	76.14
CALZ.	10.20		1.46		77.76	76.30
B. CANAL	15.30		1.56		77.76	76.20
5	16.60		1.78		77.76	75.98
E. CANAL	17.90		1.94		77.76	75.82
6	18.80		1.93		77.76	75.83
B. CANAL	19.70		1.74		77.76	76.02
ALAMB. S.	20.40		1.60		77.76	76.16
TN. S.	23.40		1.63		77.76	76.13
PERFIL N° 48 PROGRESIVA 47+000						
P. F. 47		0.884			79.15	78.266
TN. N.	-3.00		1.64		79.15	77.51
ALAMB. N.	0.00		1.62		79.15	77.53
1	1.00		1.66		79.15	77.49
2	1.50		1.81		79.15	77.34
3	2.90		1.82		79.15	77.33
4	5.00		1.59		79.15	77.56
CALZ.	10.20		1.39		79.15	77.76
B. CANAL	15.10		1.65		79.15	77.50
5	16.00		1.84		79.15	77.31
E. CANAL	17.60		2.06		79.15	77.09
6	19.00		1.94		79.15	77.21
B. CANAL	19.30		1.76		79.15	77.39
ALAMB. S.	20.10		1.51		79.15	77.64
TN. S.	23.10		1.64		79.15	77.51

PERFILES TRANSVERSALES RUTA PROVINCIAL N° 32

TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PERFIL N° 49 PROGRESIVA 48+000						
P. F. 48		0.822			79.83	79.010
TN. N.	-3.00		1.58		79.83	78.25
ALAMB. N.	0.00		1.60		79.83	78.23
1	0.70		1.59		79.83	78.24
2	0.90		1.91		79.83	77.92
3	2.60		1.96		79.83	77.87
4	4.40		1.58		79.83	78.25
CALZ.	9.40		1.50		79.83	78.33
B. CANAL	15.00		1.60		79.83	78.23
5	15.90		1.75		79.83	78.08
E. CANAL	17.10		1.88		79.83	77.95
6	18.50		1.91		79.83	77.92
B. CANAL	19.00		1.80		79.83	78.03
ALAMB. S.	20.00		1.61		79.83	78.22
TN. S.	23.00		1.58		79.83	78.25
PERFIL N° 50 PROGRESIVA 49+000						
P. F. 49		1.020			80.11	79.086
TN. N.	-3.00		1.65		80.11	78.46
ALAMB. N.	0.00		1.64		80.11	78.47
1	0.70		1.72		80.11	78.39
2	1.00		1.86		80.11	78.25
3	2.40		1.87		80.11	78.24
4	4.40		1.65		80.11	78.46
CALZ.	10.00		1.45		80.11	78.66
B. CANAL	14.70		1.34		80.11	78.77
5	15.70		1.70		80.11	78.41
E. CANAL	17.30		1.96		80.11	78.15
6	18.60		1.96		80.11	78.15
B. CANAL	19.40		1.76		80.11	78.35
ALAMB. S.	19.90		1.61		80.11	78.50
TN. S.	22.90		1.65		80.11	78.46
PERFIL N° 51 PROGRESIVA 50+000						
P. F. 50		0.871			80.21	79.337
TN. N.	-3.00		1.45		80.21	78.76
ALAMB. N.	0.00		1.51		80.21	78.70
1	1.10		1.60		80.21	78.61
2	1.50		1.78		80.21	78.43
3	3.30		1.80		80.21	78.41
4	4.60		1.58		80.21	78.63
CALZ.	9.90		1.31		80.21	78.90
B. CANAL	15.10		1.28		80.21	78.93
5	16.20		1.58		80.21	78.63
E. CANAL	18.60		1.99		80.21	78.22
6	19.60		1.69		80.21	78.52
B. CANAL	20.00		1.36		80.21	78.85
ALAMB. S.	20.30		1.31		80.21	78.90
TN. S.	23.30		1.45		80.21	78.76

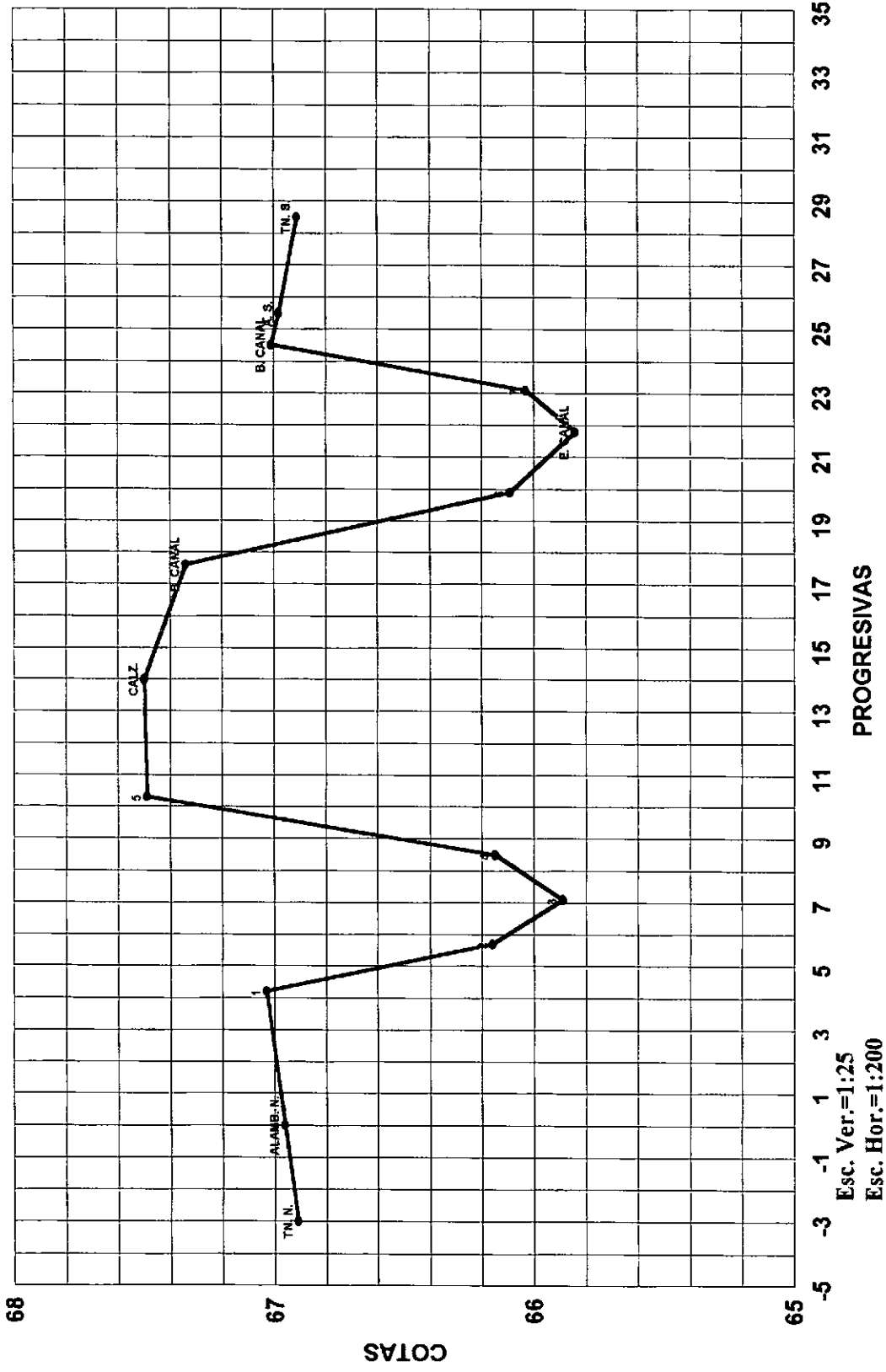
PERFILES TRANSVERSALES RUTA PROVINCIAL Nº 32

TRAMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL Nº 35

Estación	Progr.	L. Atras	L. Inter.	L. Adel.	P. Visual	Cota
PERFIL Nº 52 PROGRESIVA 51+000						
P. F. 51		1.093			80.62	79.531
TN. N.	-3.00		1.54		80.62	79.08
ALAMB. N.	0.00		1.70		80.62	78.92
1	0.70		1.82		80.62	78.80
2	1.20		2.04		80.62	78.58
3	2.90		1.99		80.62	78.63
4	4.80		1.58		80.62	79.04
CALZ.	10.30		1.48		80.62	79.14
B. CANAL	14.20		1.38		80.62	79.24
5	15.30		1.83		80.62	78.79
E. CANAL	16.90		2.16		80.62	78.46
6	18.60		1.99		80.62	78.63
B. C. y ALAM. S.	19.60		1.47		80.62	79.15
TN. S.	22.60		1.54		80.62	79.08
PERFIL Nº 53 PROGRESIVA 52+000						
P. F. 52		0.942			80.63	79.692
TN. N.	-3.00		1.60		80.63	79.03
ALAMB. N.	0.00		1.53		80.63	79.10
1	0.70		1.73		80.63	78.90
2	1.50		1.91		80.63	78.72
3	3.10		1.89		80.63	78.74
4	5.60		1.59		80.63	79.04
CALZ.	10.60		1.42		80.63	79.21
B. CANAL	14.00		1.36		80.63	79.27
5	15.20		1.64		80.63	78.99
E. CANAL	16.90		1.82		80.63	78.81
6	18.90		1.76		80.63	78.87
B. CANAL	19.50		1.39		80.63	79.24
ALAMB. S.	20.10		1.36		80.63	79.27
TN. S.	23.10		1.60		80.63	79.03
PERFIL Nº 54 PROGRESIVA 53+000						
P. F. 53		1.031			80.95	79.921
TN. N.	-3.00		1.73		80.95	79.22
ALAMB. N.	0.00		1.63		80.95	79.32
1	0.70		1.76		80.95	79.19
2	1.00		1.84		80.95	79.11
3	3.30		2.03		80.95	78.92
4	5.50		1.60		80.95	79.35
CALZ.	10.80		1.47		80.95	79.48
B. CANAL	13.90		1.46		80.95	79.49
5	14.60		1.74		80.95	79.21
E. CANAL	16.50		2.00		80.95	78.95
6	17.60		1.94		80.95	79.01
B. C.	19.10		1.68		80.95	79.27
A. S.	19.70		1.60		80.95	79.35
TN. S.	22.70		1.73		80.95	79.22

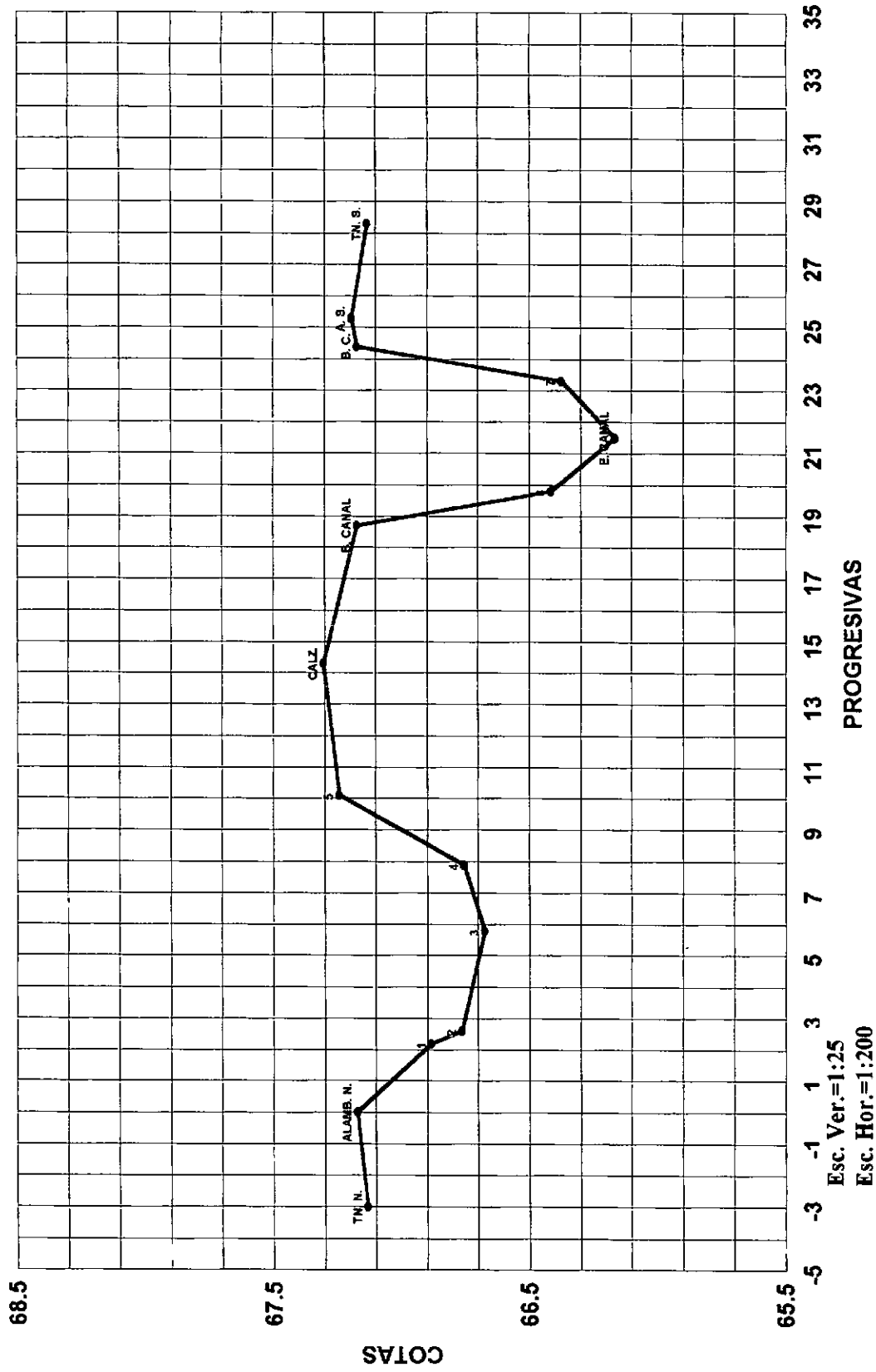
PERFIL TRANSVERSAL RUTA PCIAL N° 32

TRAMO: R 77 - R 35 - PROG. 0+000



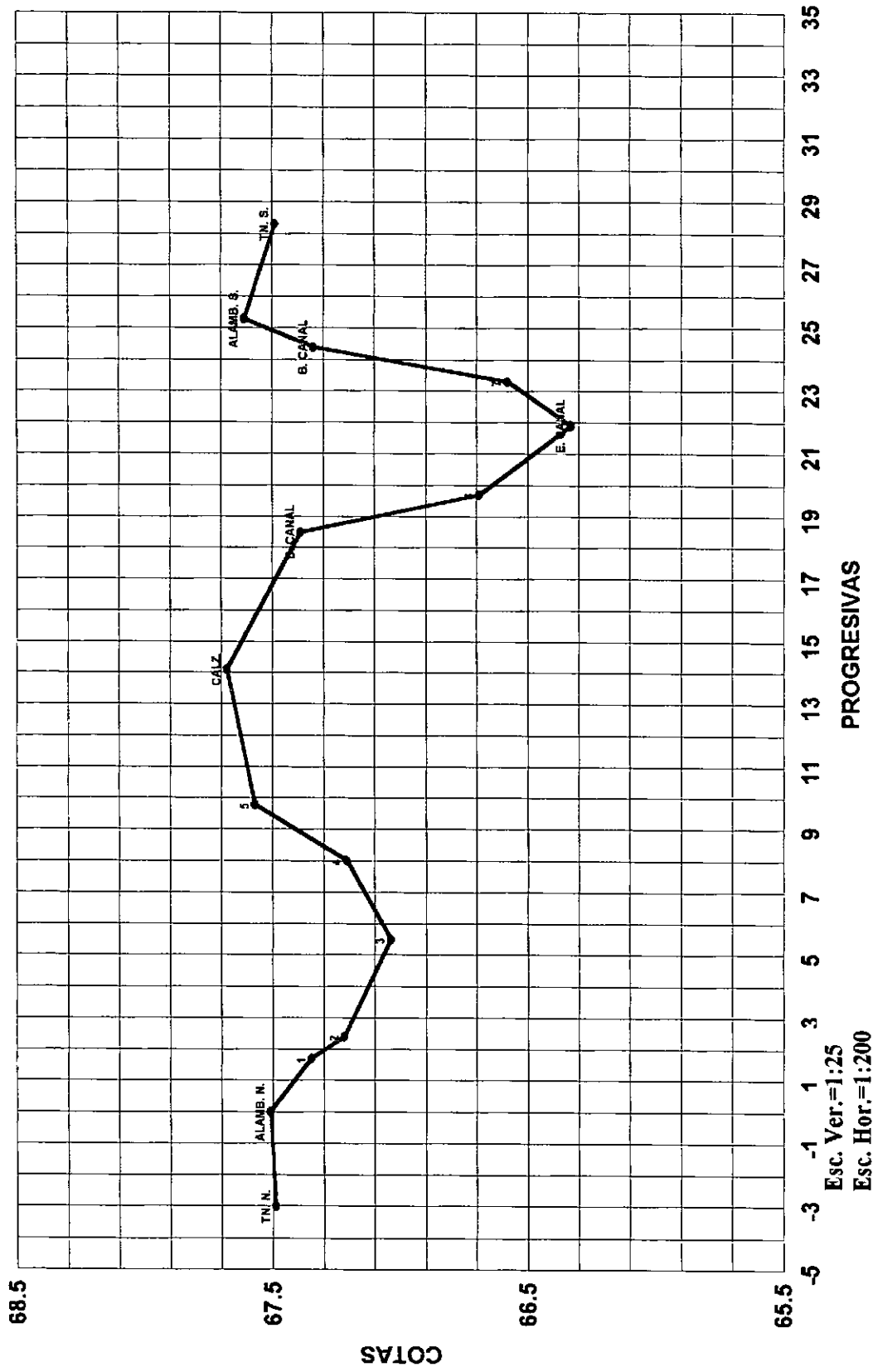
PERFIL TRANSVERSAL RUTA PCIAL N° 32

TRAMO: R 77 - R 35 - PROG. 1+000



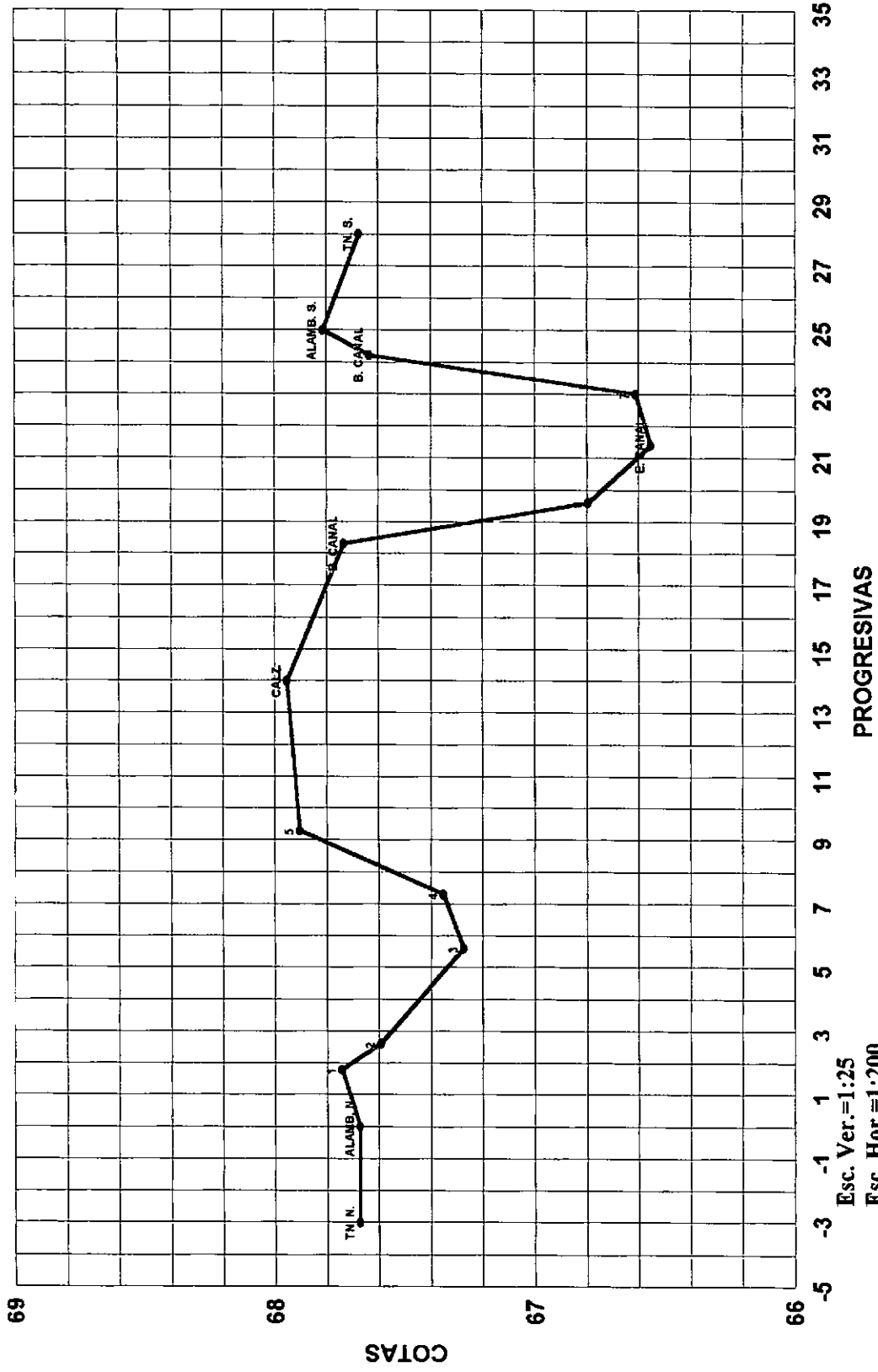
PERFIL TRANSVERSAL RUTA PCIAL N° 32

TRAMO: R 77 - R 35 - PROG. 2+000



PERFIL TRANSVERSAL RUTA PCIAL N° 32

TRAMO: R 77 - R 35 - PROG. 3+000

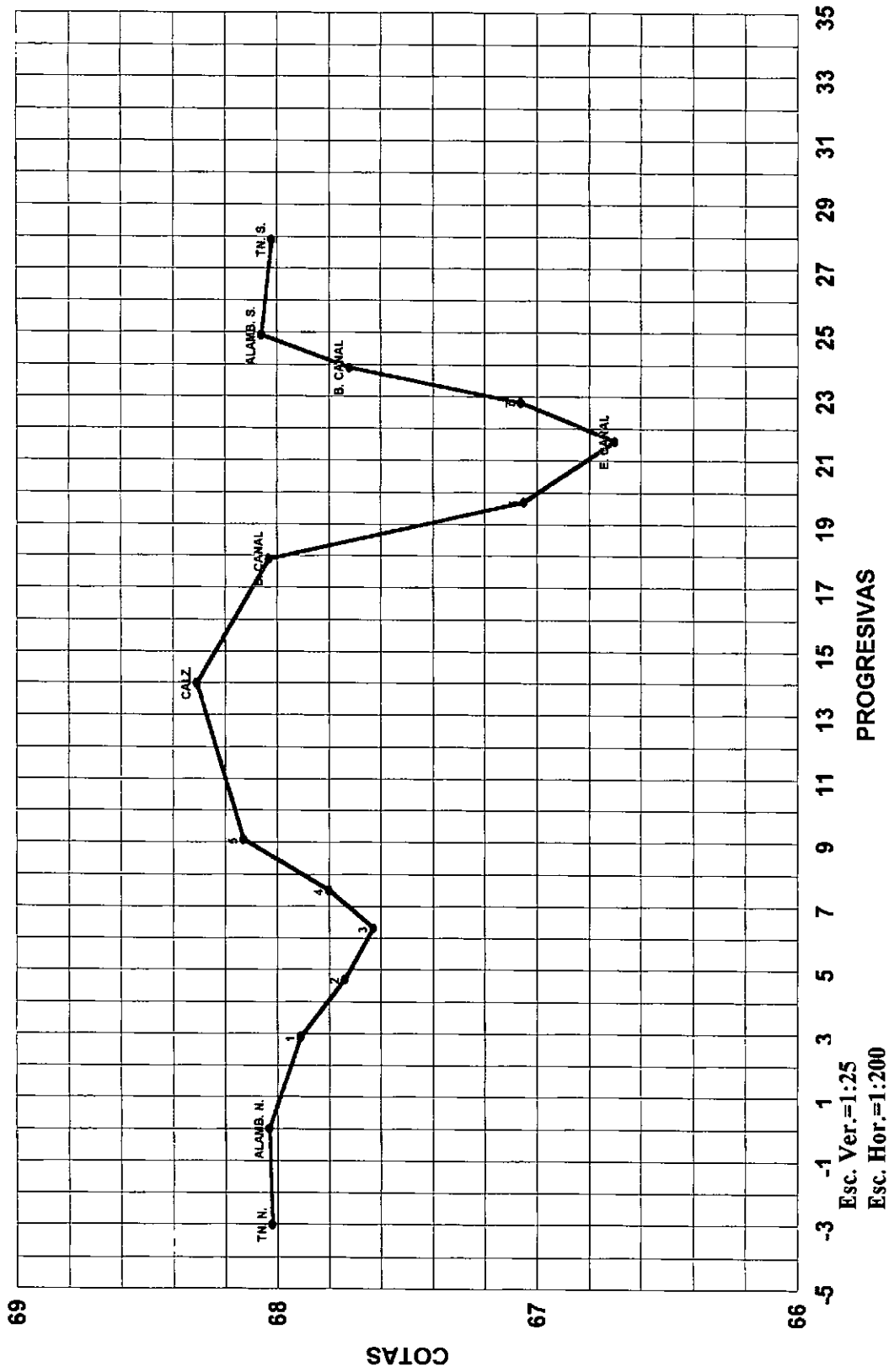


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PERFIL TRANSVERSAL RUTA PCIAL N° 32

TRAMO: R 77 - R 35 - PROG. 4+000

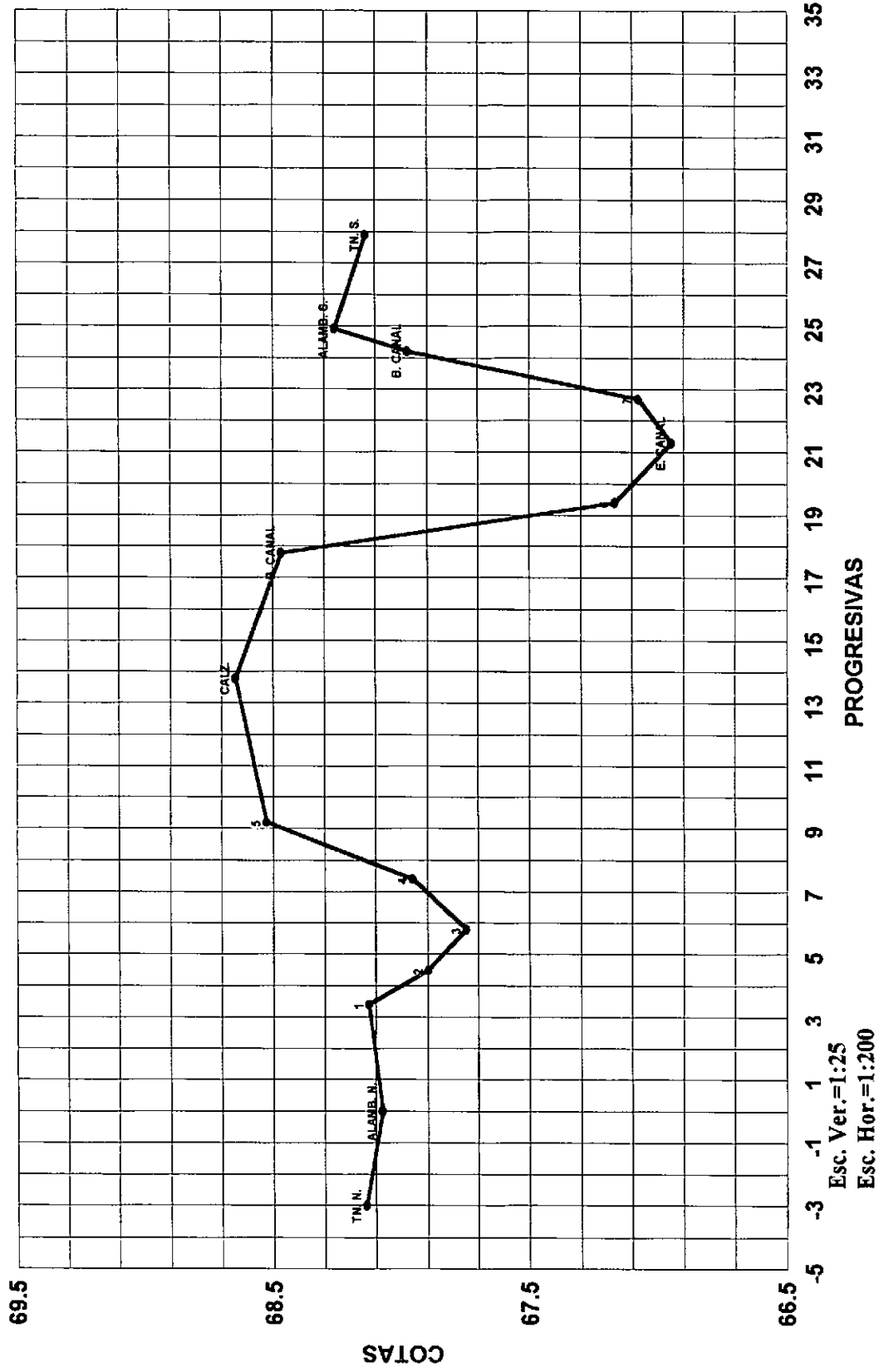


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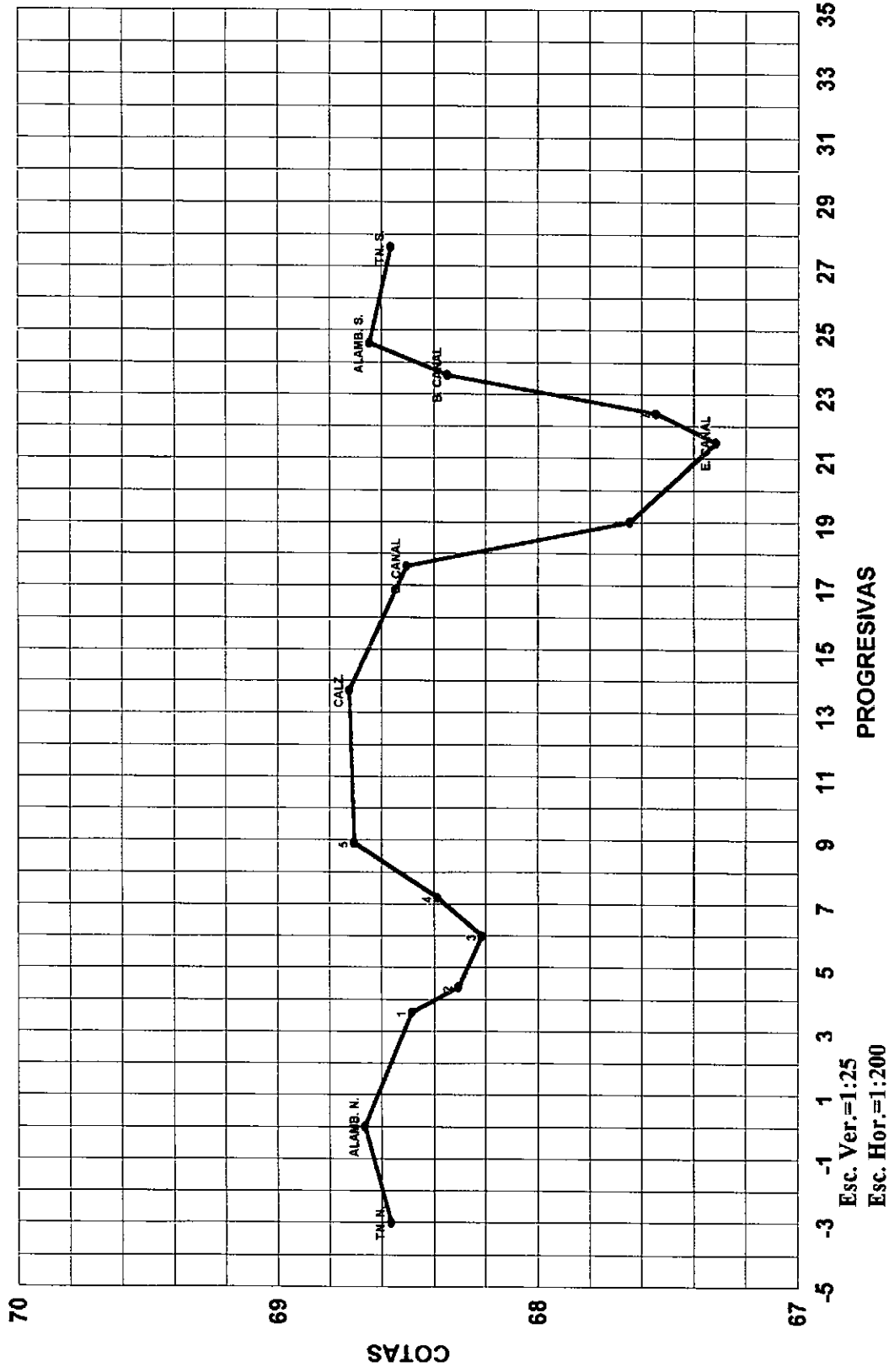
PERFIL TRANSVERSAL RUTA PCIAL N° 32

TRAMO: R 77 - R 35 - PROG. 5+000



PERFIL TRANSVERSAL RUTA PCIAL N° 32

TRAMO: R 77 - R 35 - PROG. 6+000

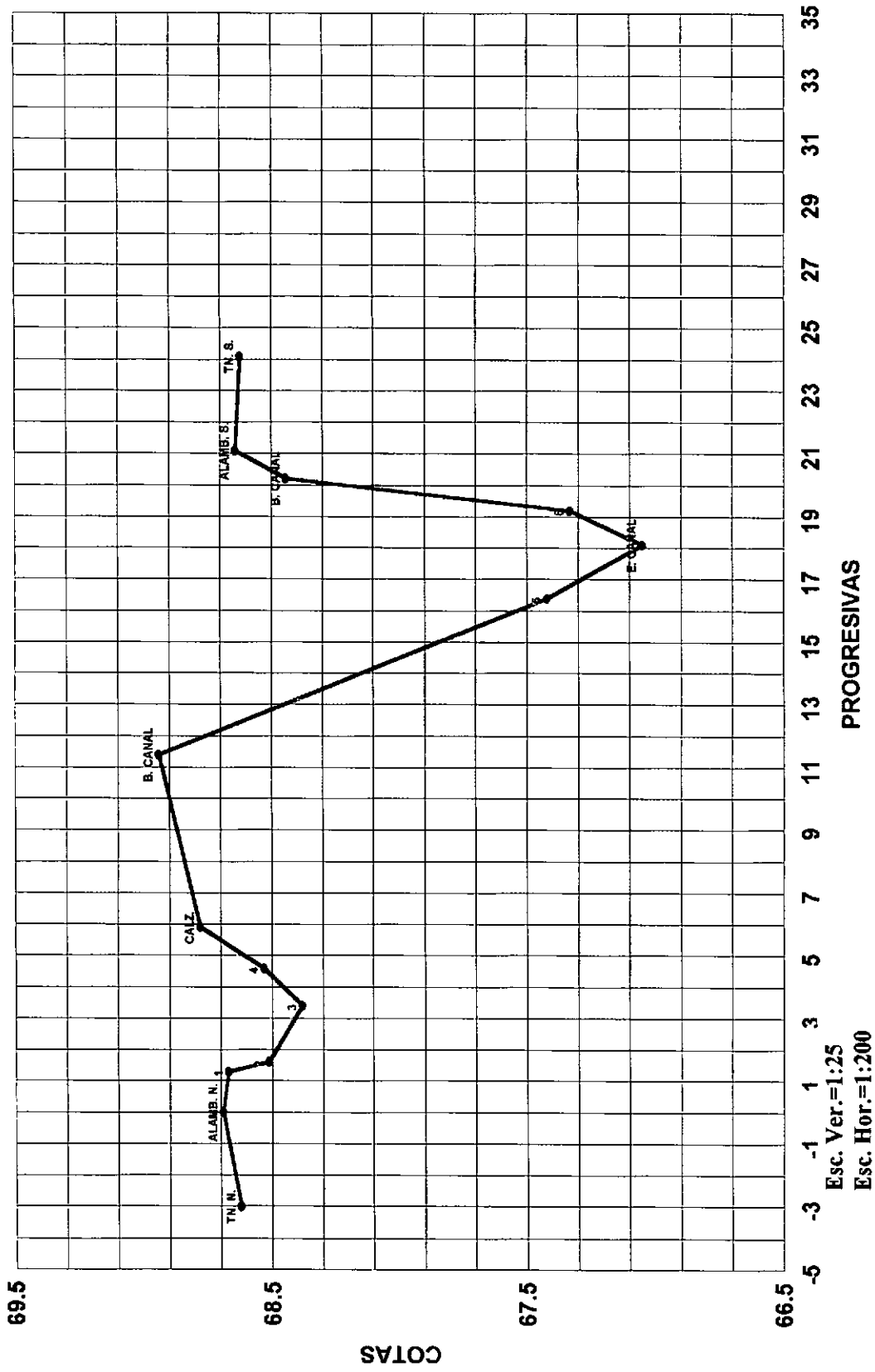


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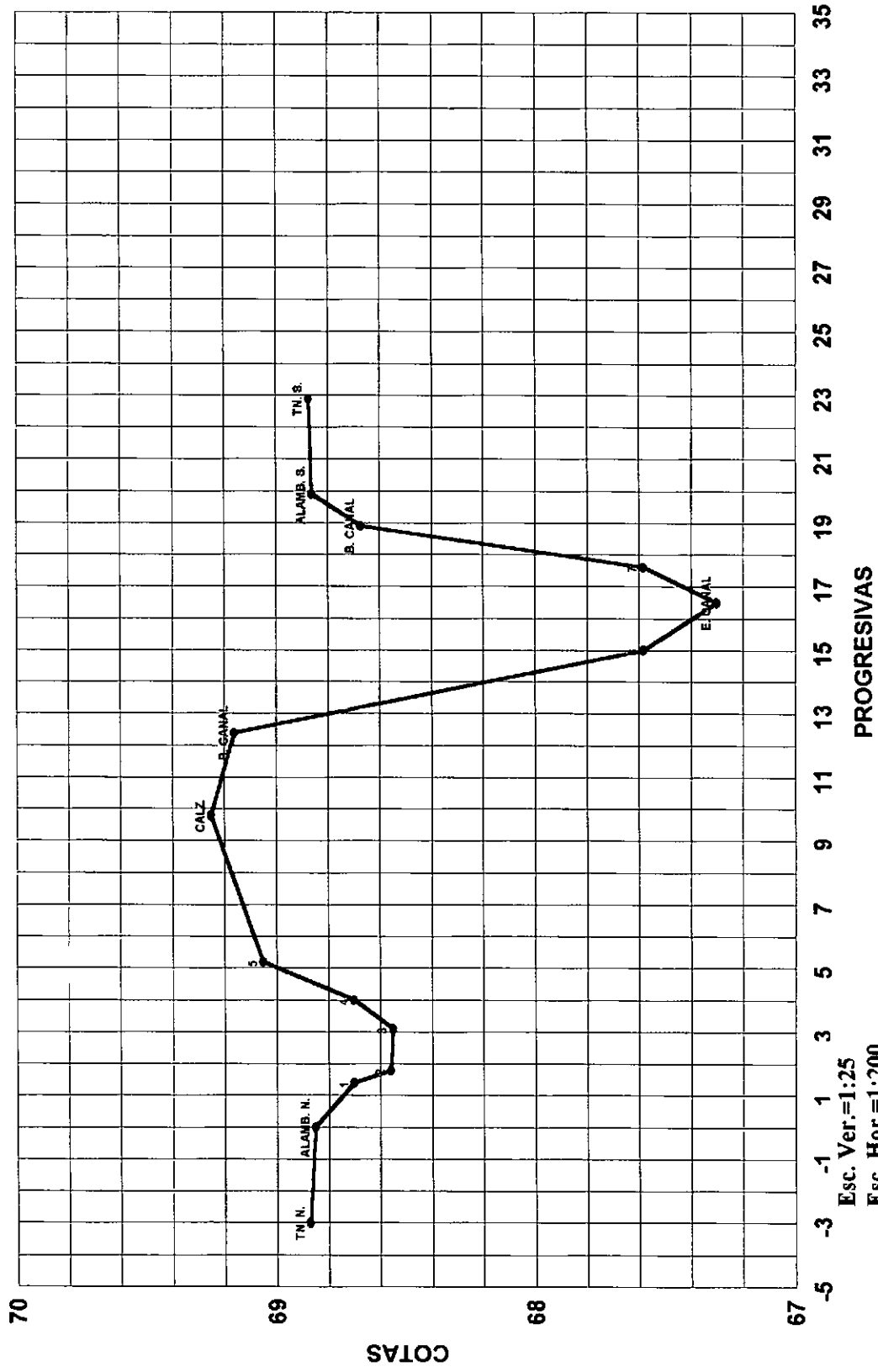
TRAMO: R 77 - R 35 - PROG. 7+000



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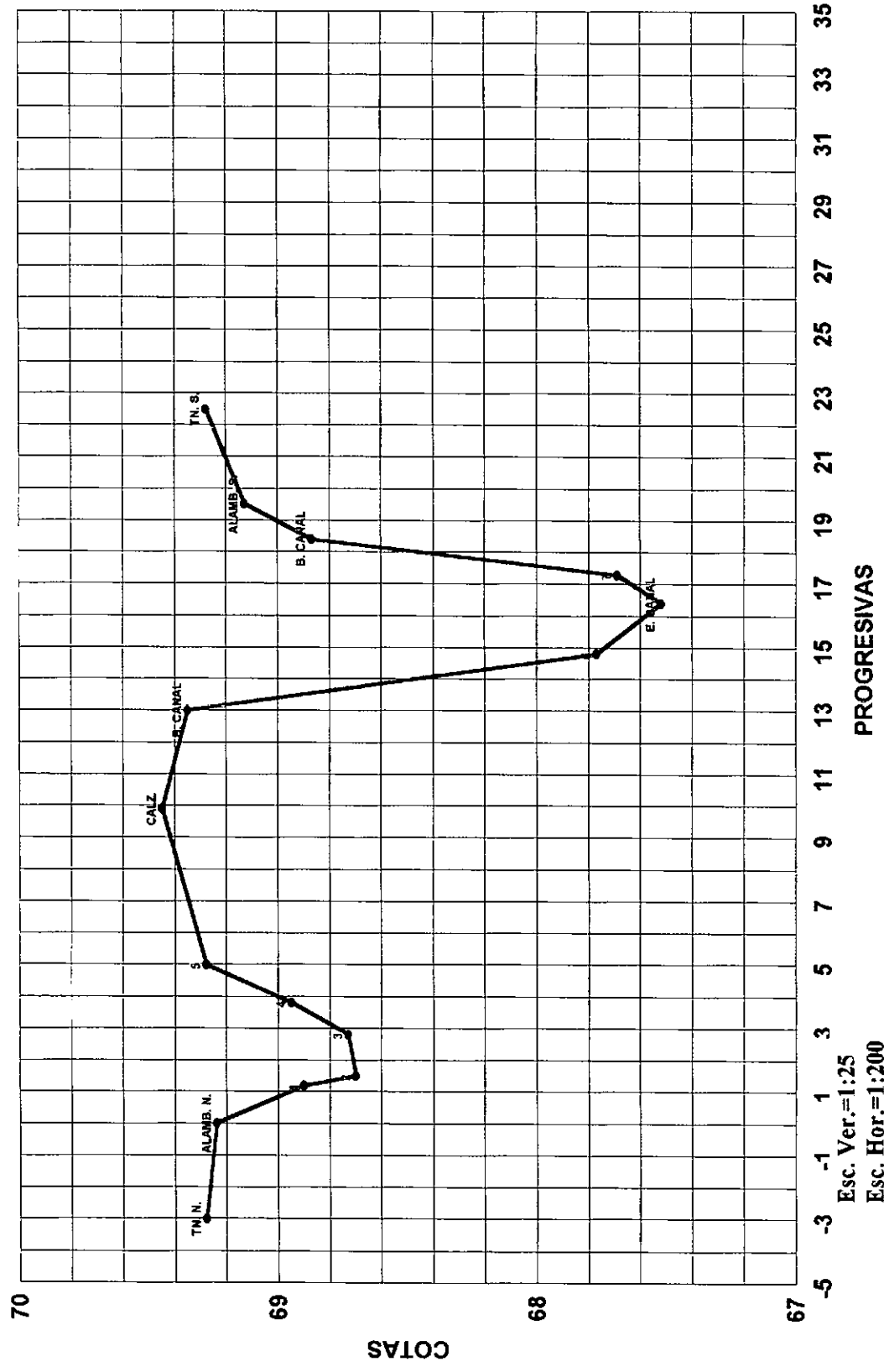
TRAMO: R 77 - R 35 - PROG. 8+000



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Esc. Hor.=1:200

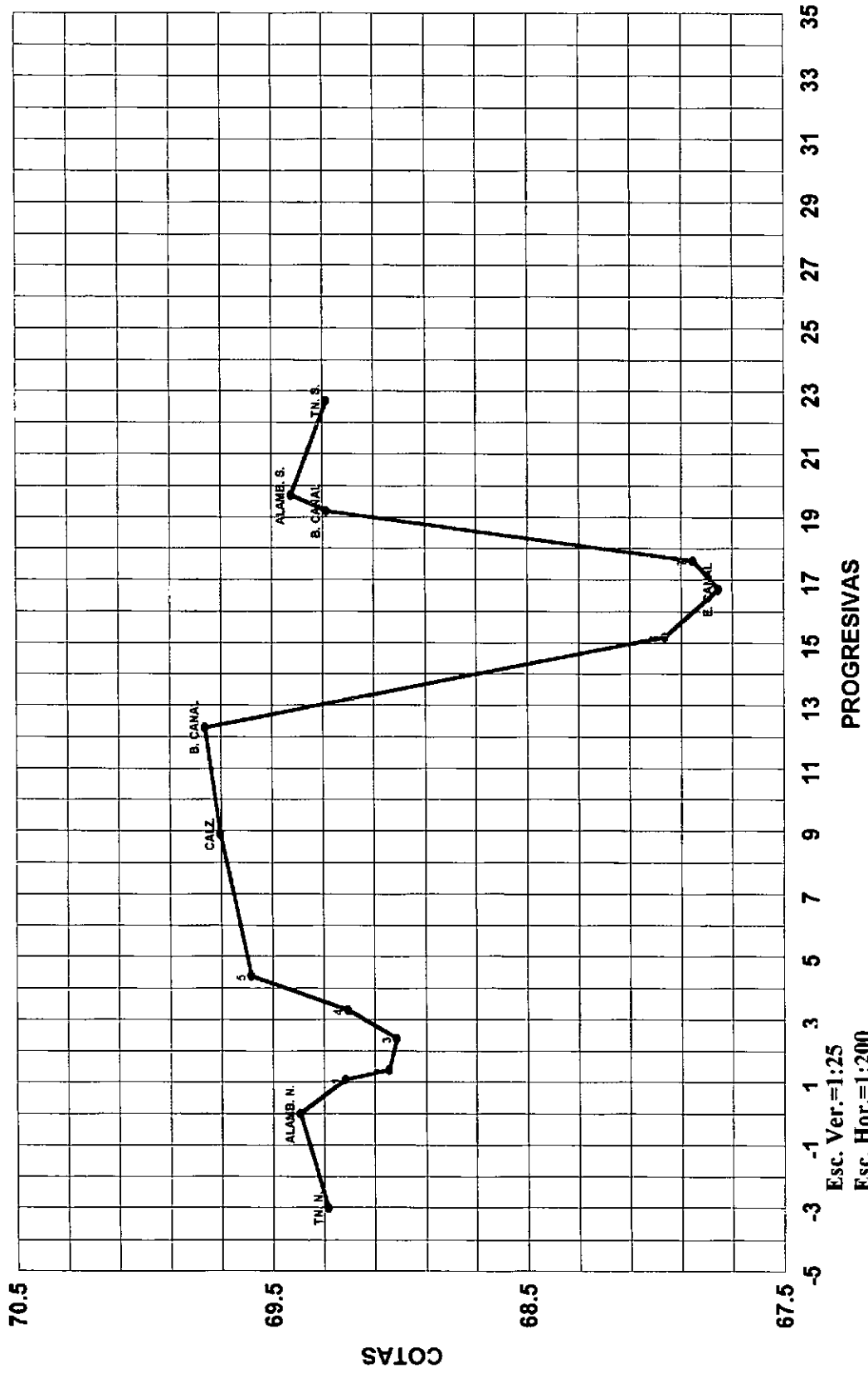
PERFIL TRANSVERSAL RUTA PCIAL N° 32

TRAMO: R 77 - R 35 - PROG. 9+000



PERFIL TRANSVERSAL RUTA PCIAL N° 32

TRAMO: R 77 - R 35 - PROGR. 10+000

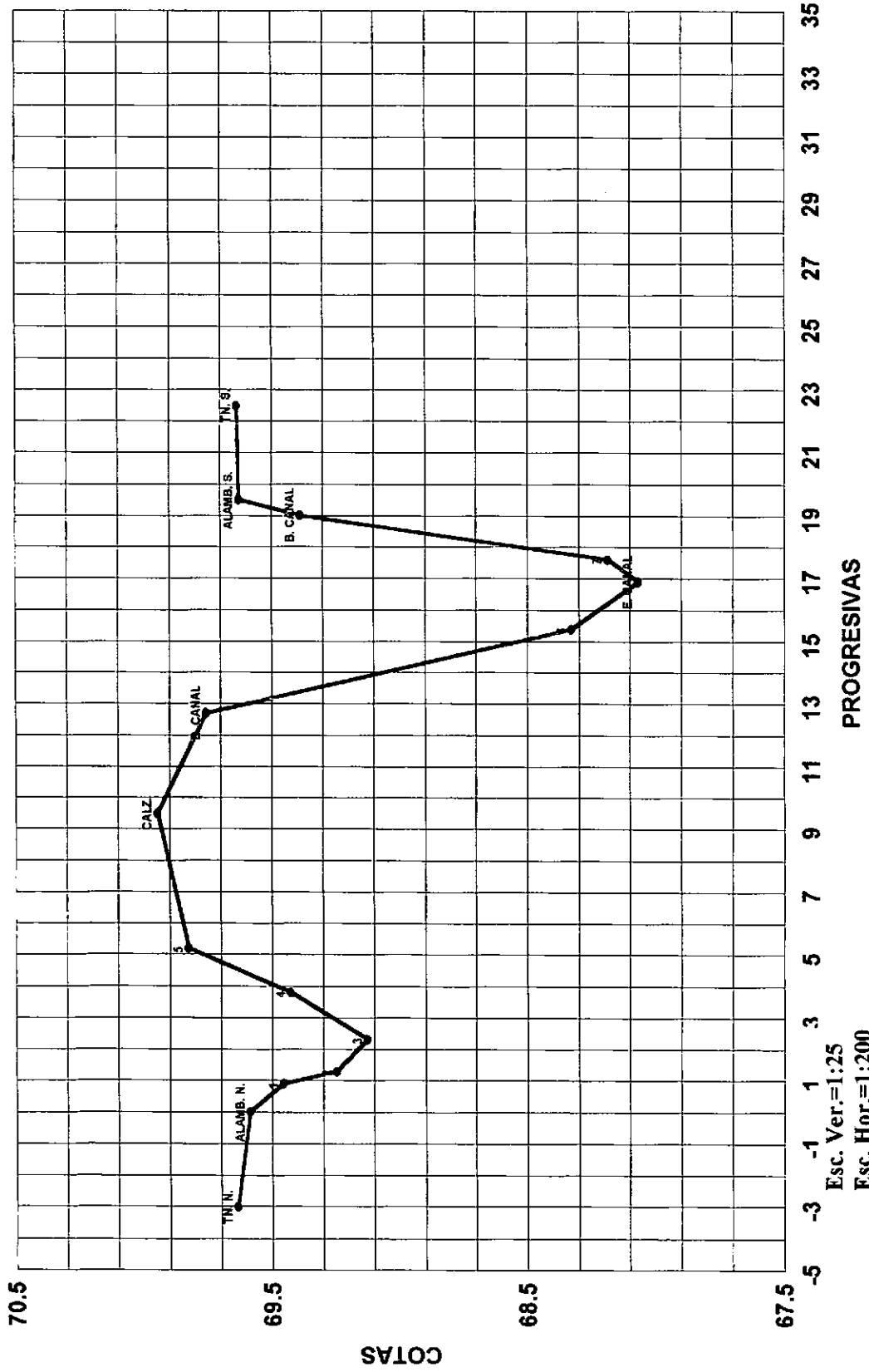


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PERFIL TRANSVERSAL RUTA PCIAL N° 32

TRAMO: R 77 - R 35 - PROG. 11+000

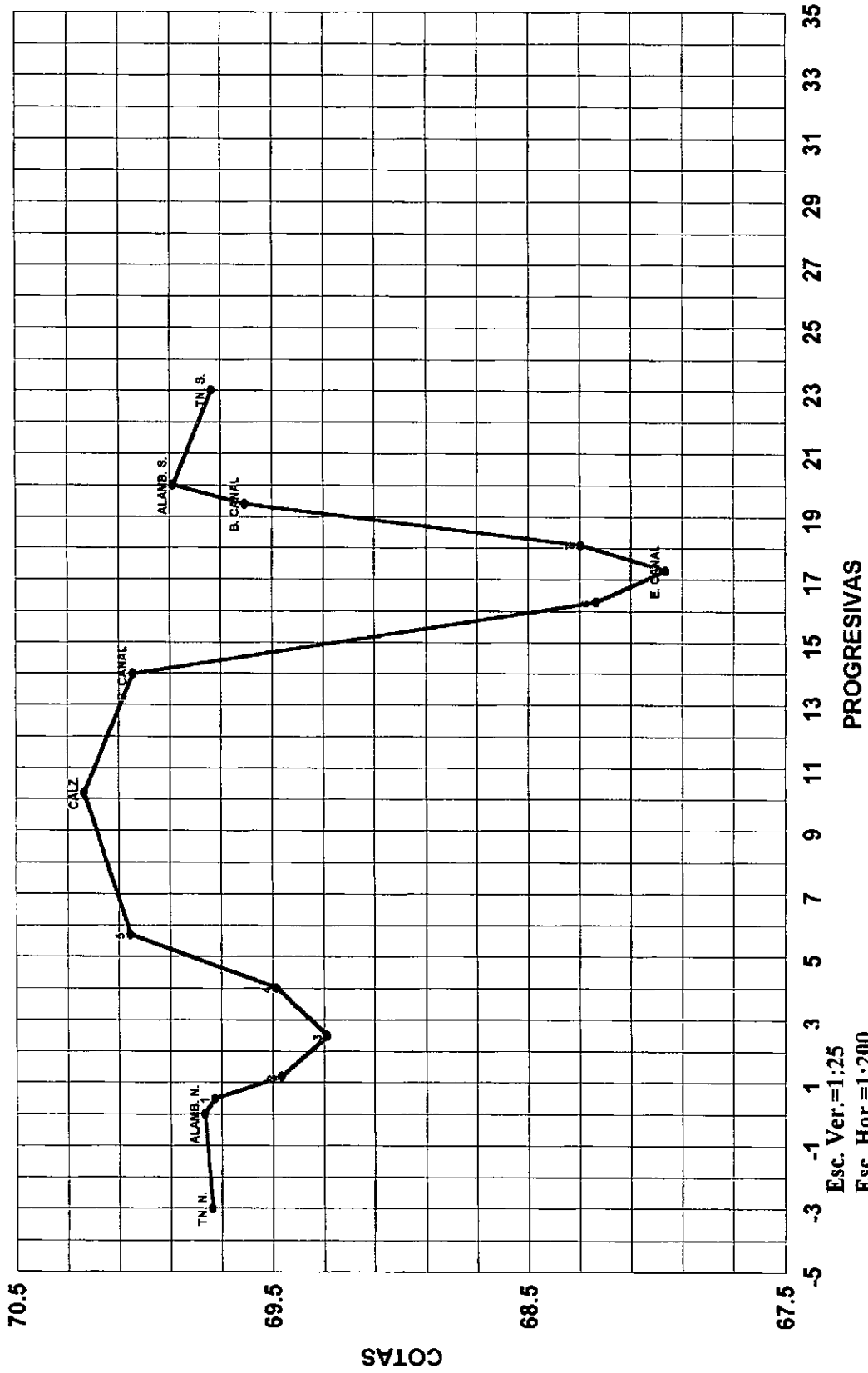


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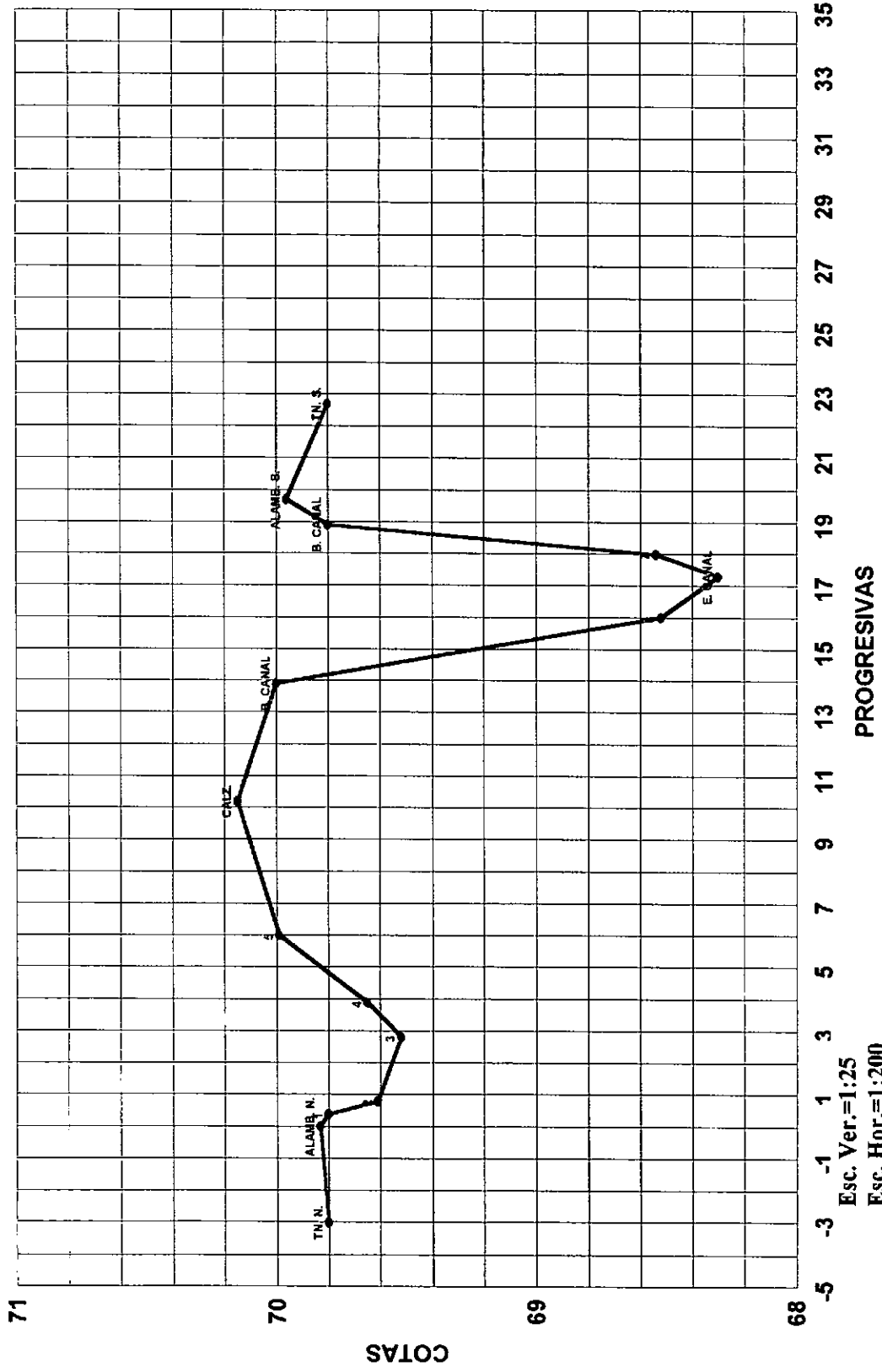
PERFIL TRANSVERSAL RUTA PCIAL N° 32

TRAMO: R 77 - R 35 - PROG. 12+000



PERFIL TRANSVERSAL RUTA PCIAL N° 32

TRAMO: R 77 - R 35 - PROG. 13+000

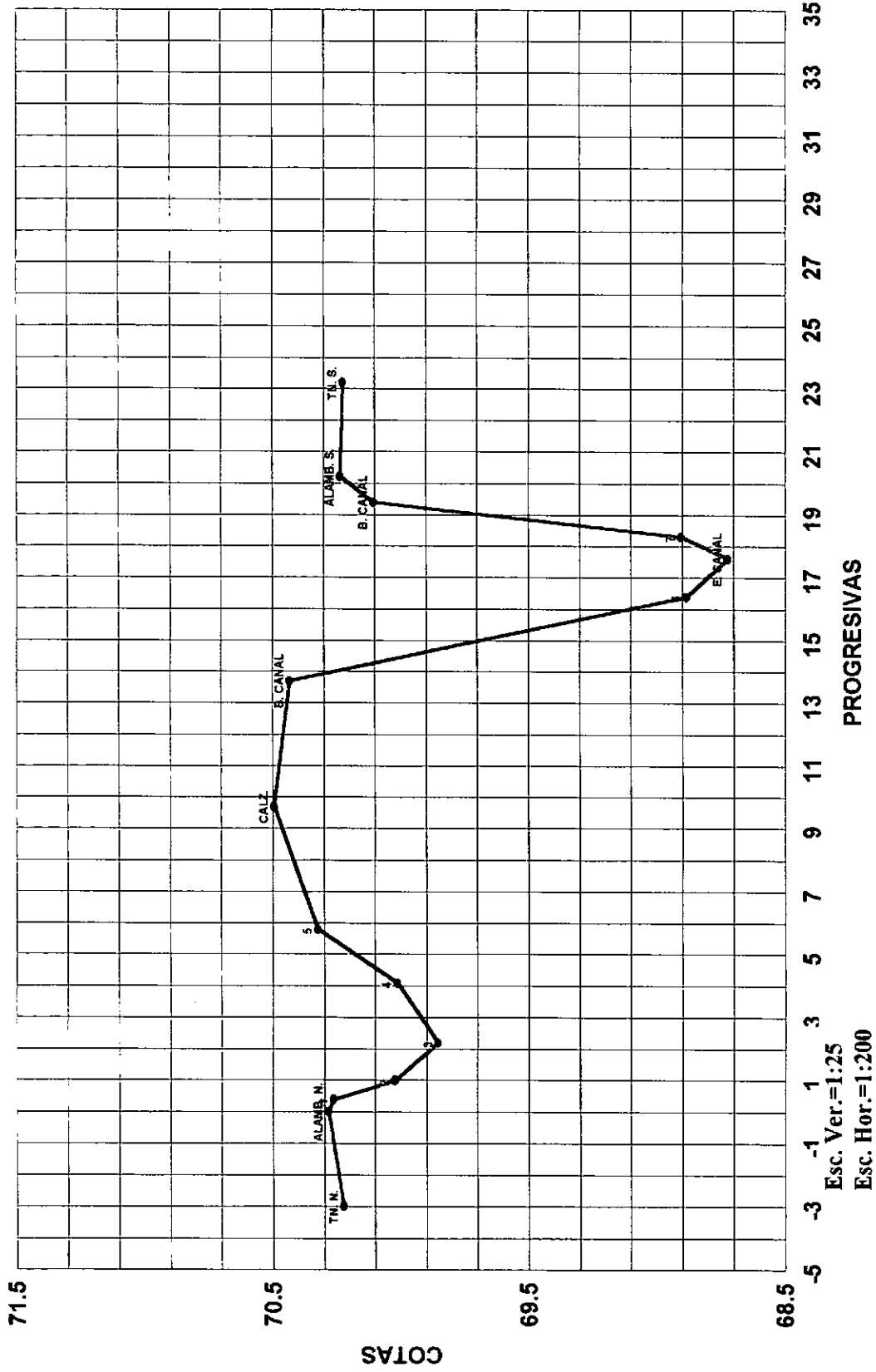


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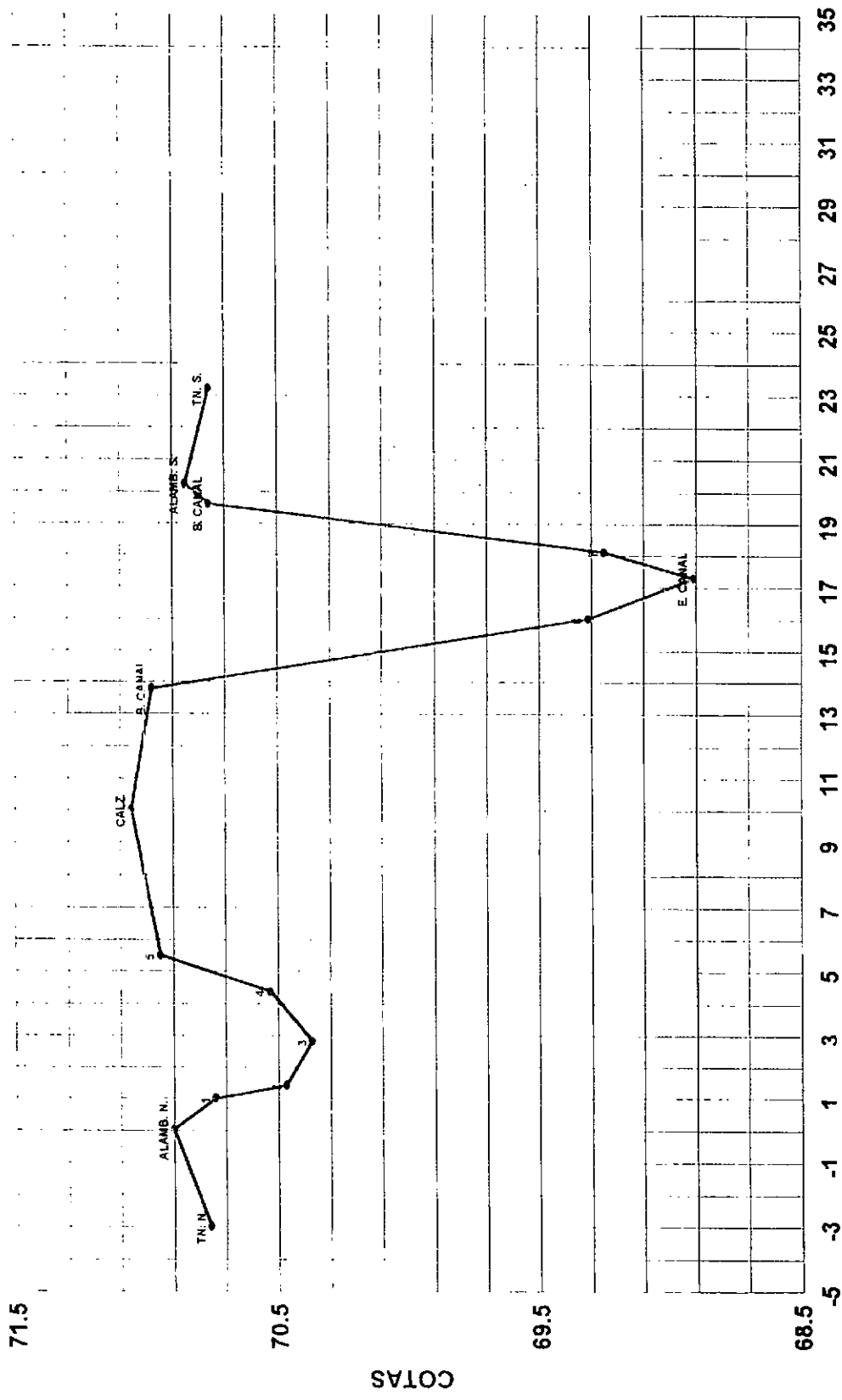
TRAMO: R 77 - R 35 - PROG. 14+000



Esc. Ver.=1:25

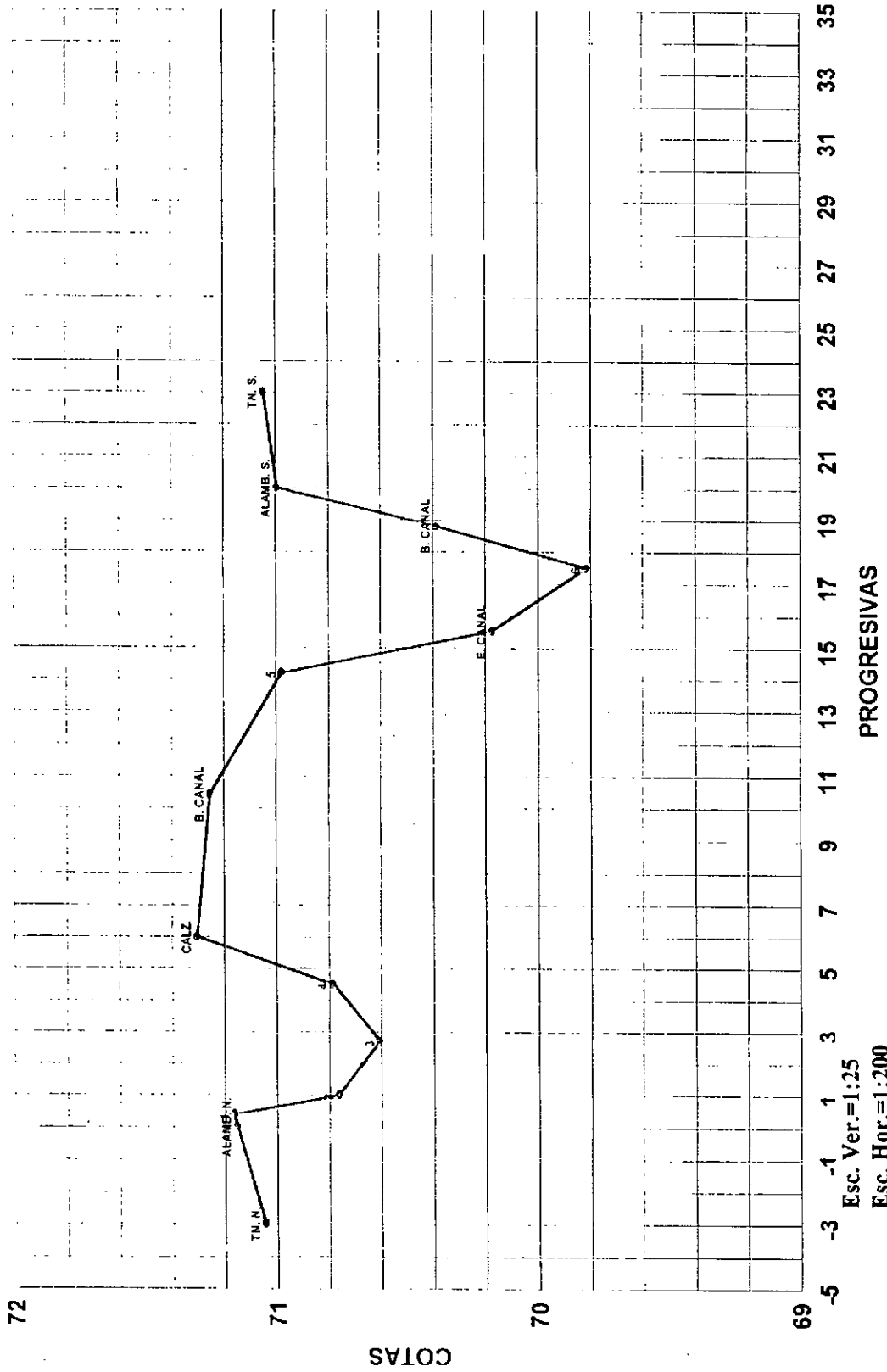
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PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R 77 - R 35 - PROG. 15+000



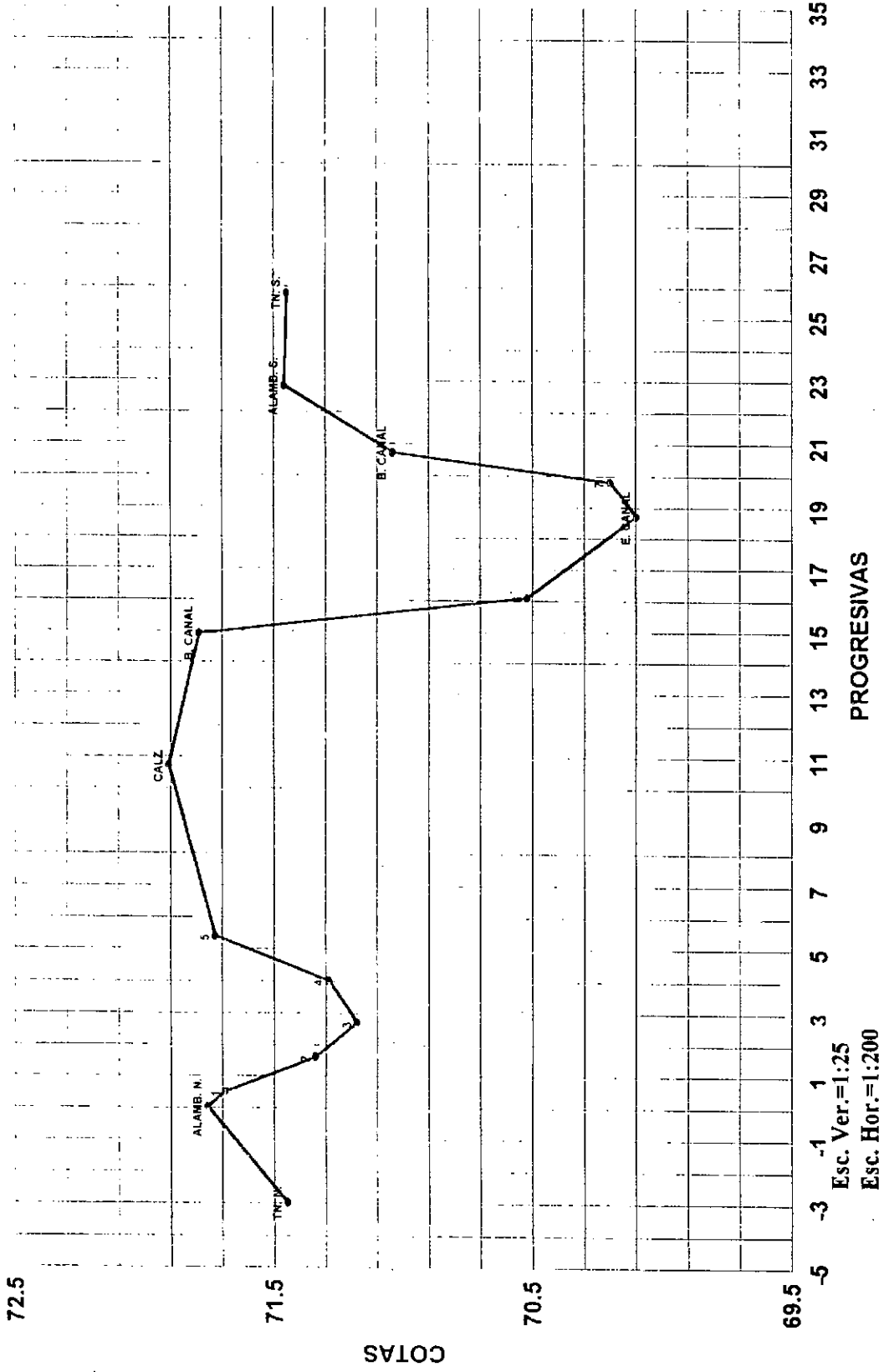
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PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R 77 - R 35 - PROG. 16+000



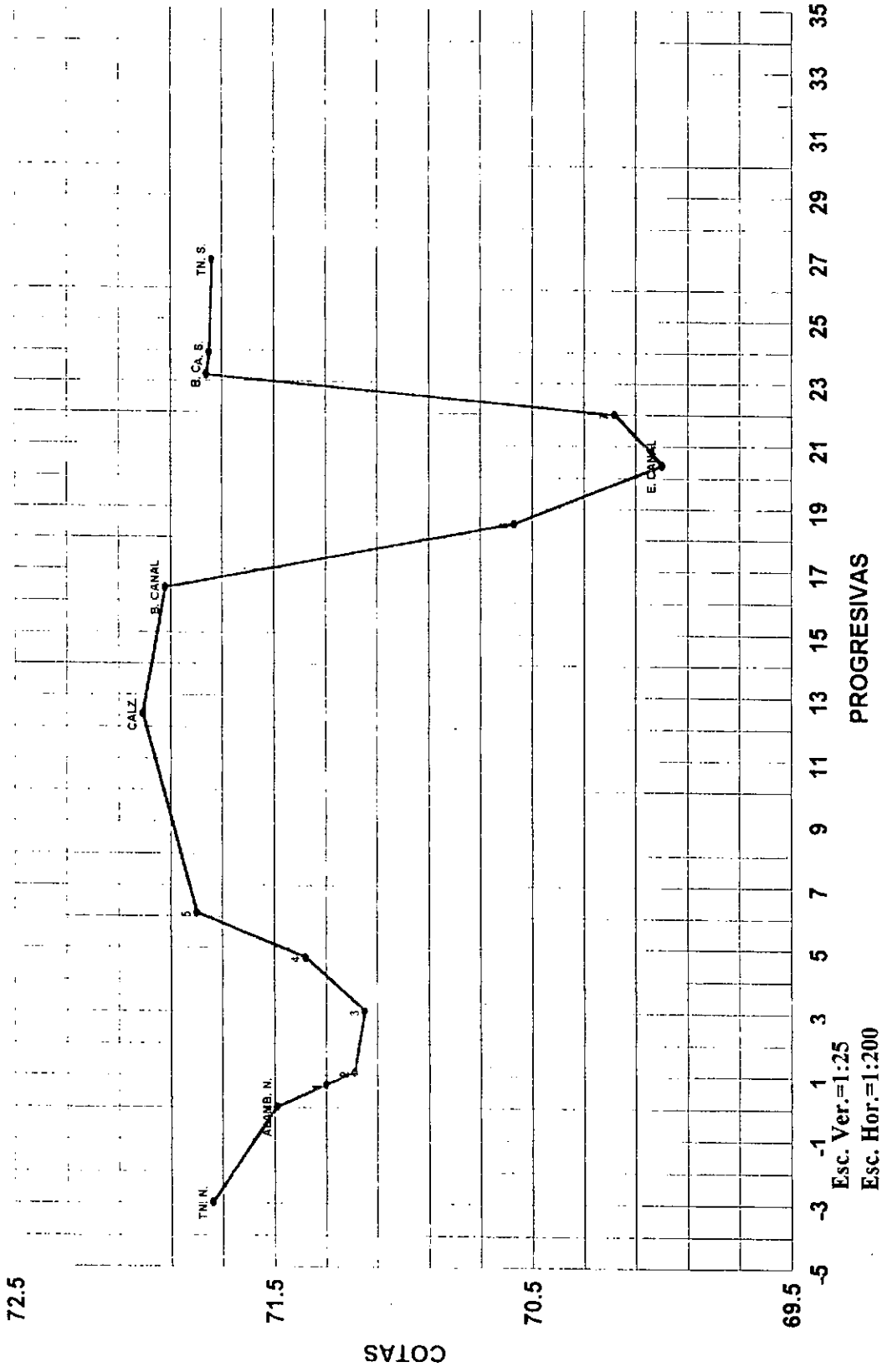
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PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R 77 - R 35 - PROG. 17+000



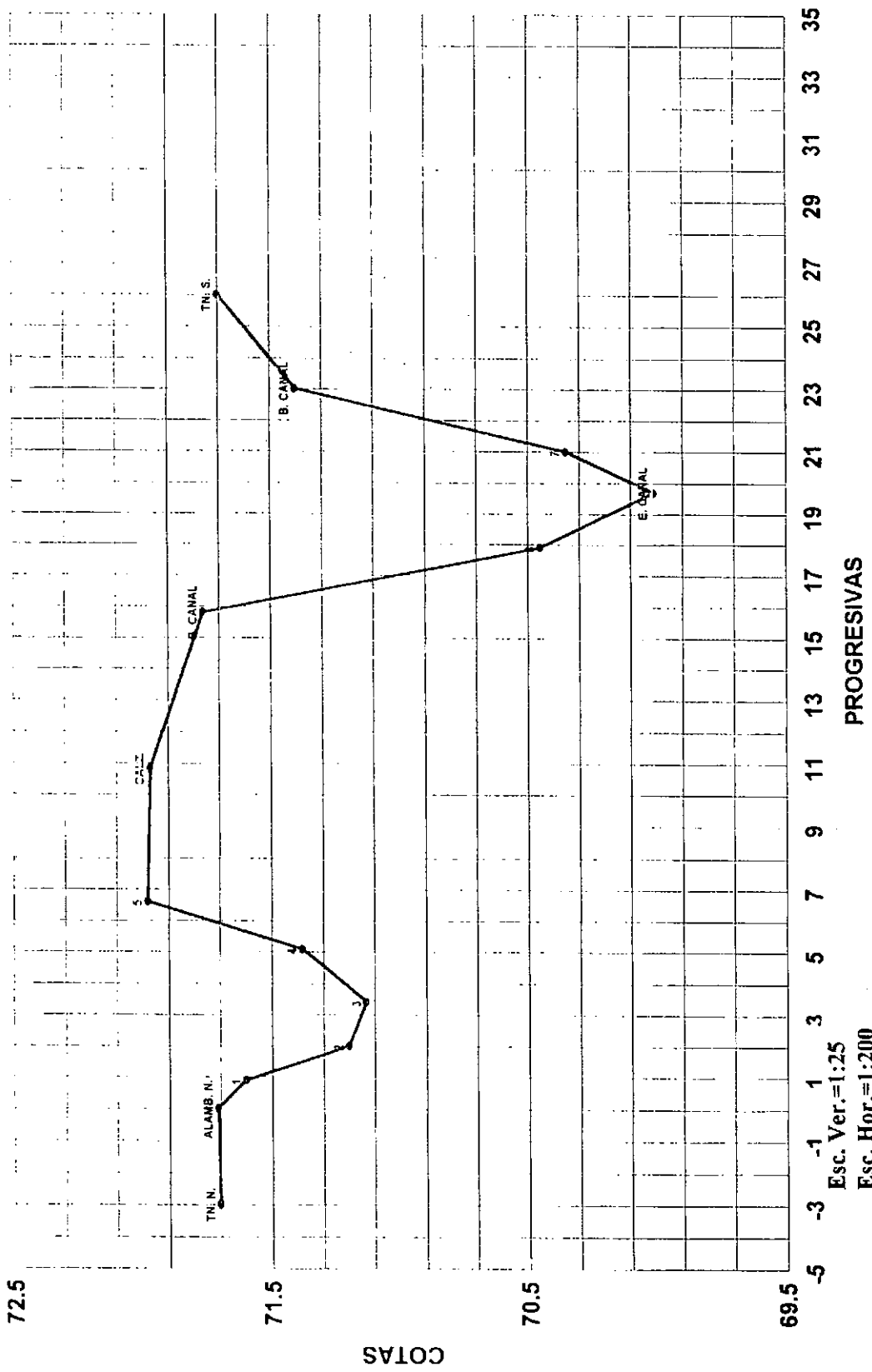
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PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R 77 - R 35 - PROG. 18+000



PERFIL TRANSVERSAL RUTA PCIAL N° 32

TRAMO: R 77 - R 35 - PROG. 19+000

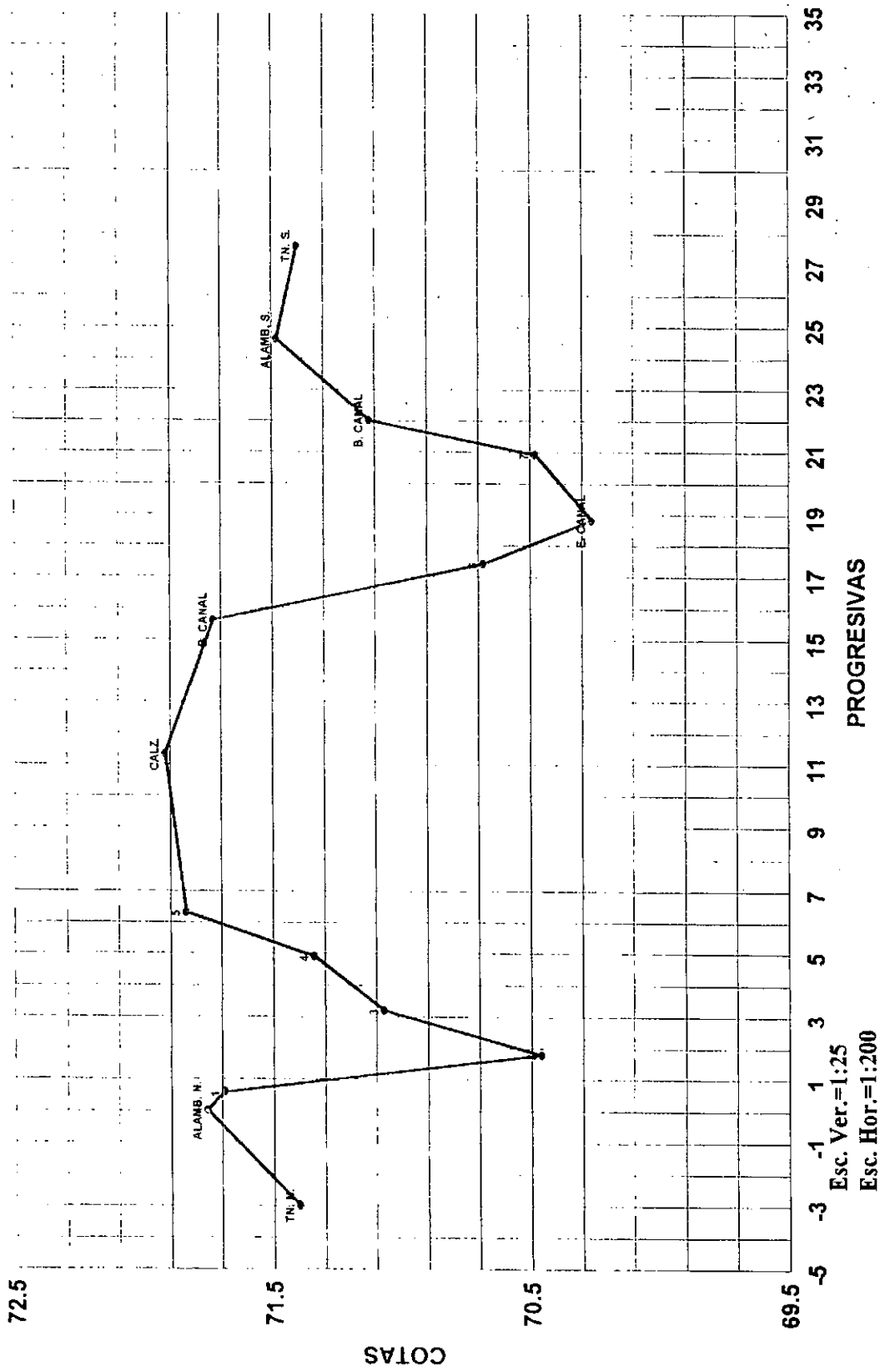


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PERFIL TRANSVERSAL RUTA PCIAL N° 32

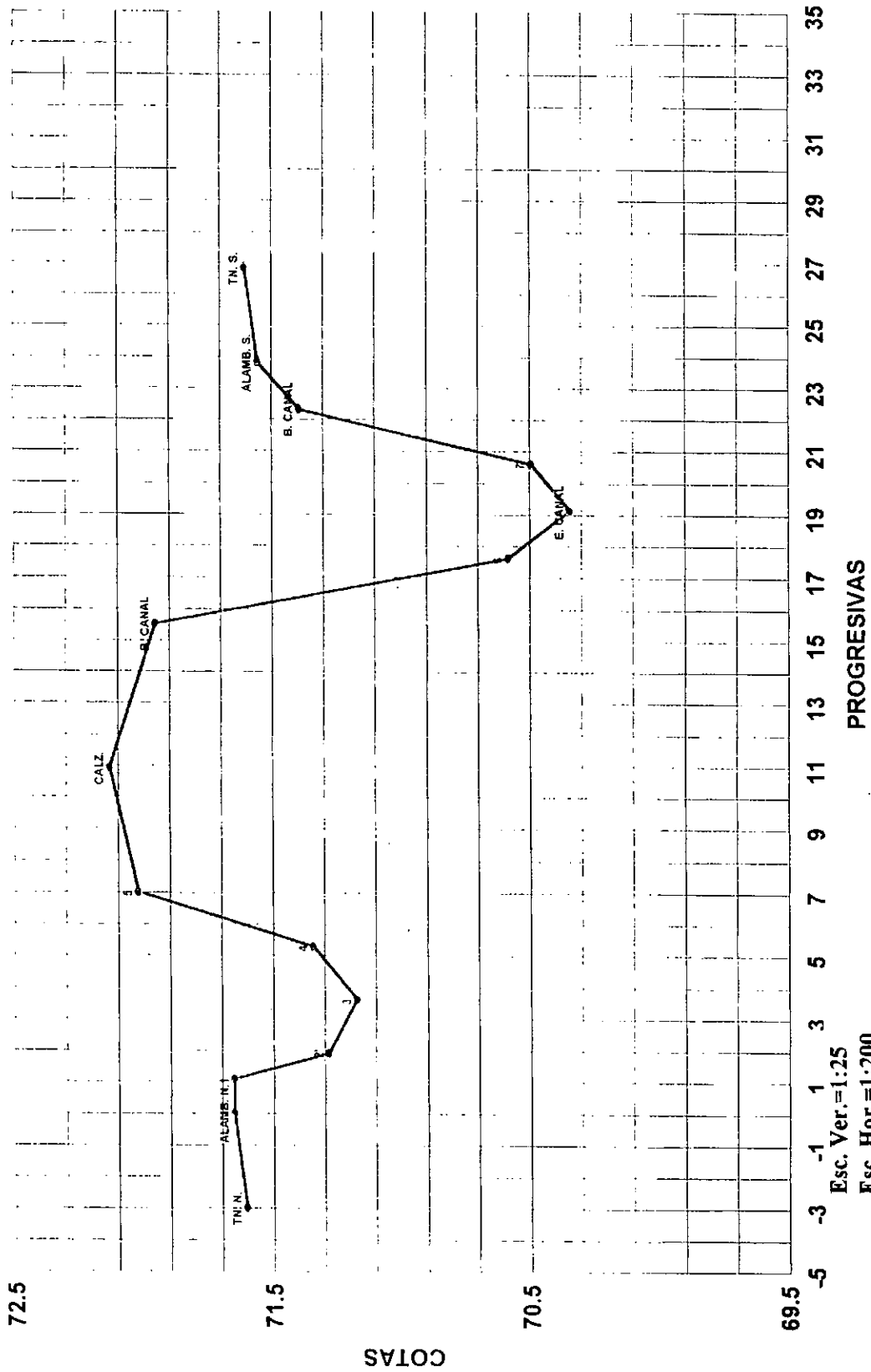
TRAMO: R 77 - R 35 - PROG. 20+000



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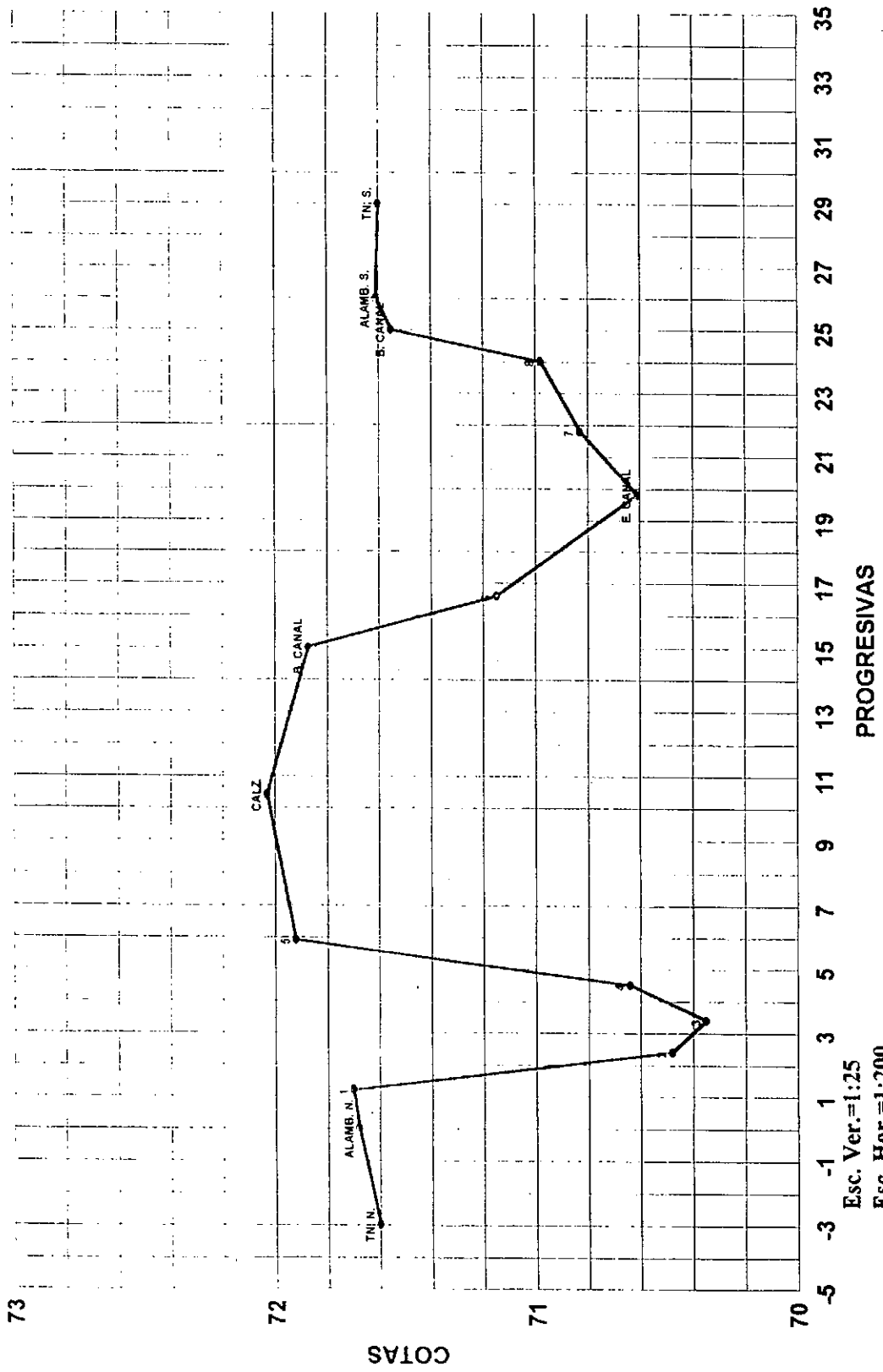
PERFIL TRANSVERSAL RUTA PCIAL N° 32

TRAMO: R 77 - R 35 - PROG. 21+000

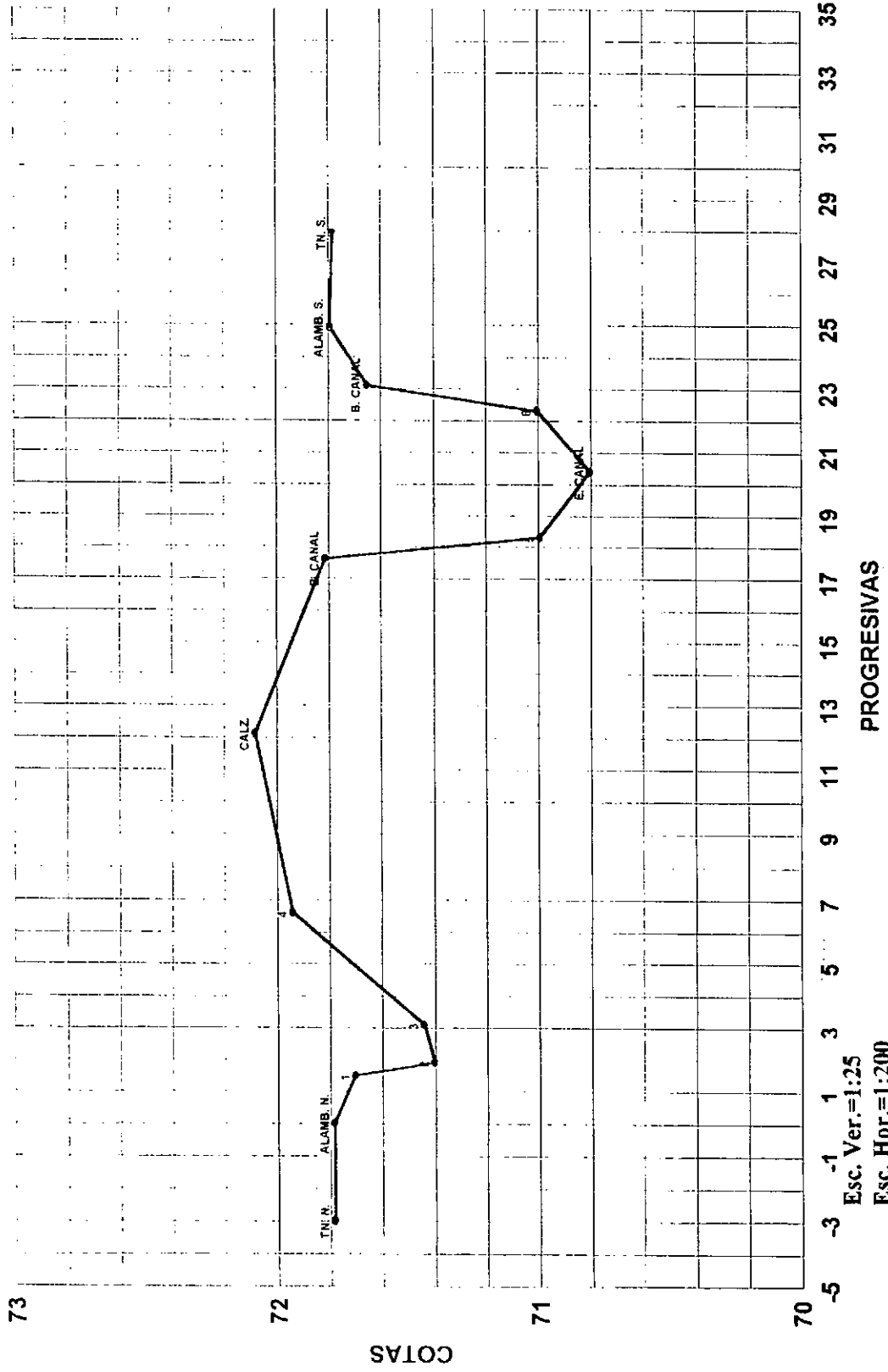


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PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R 77 - R 35 - PROG. 22+000



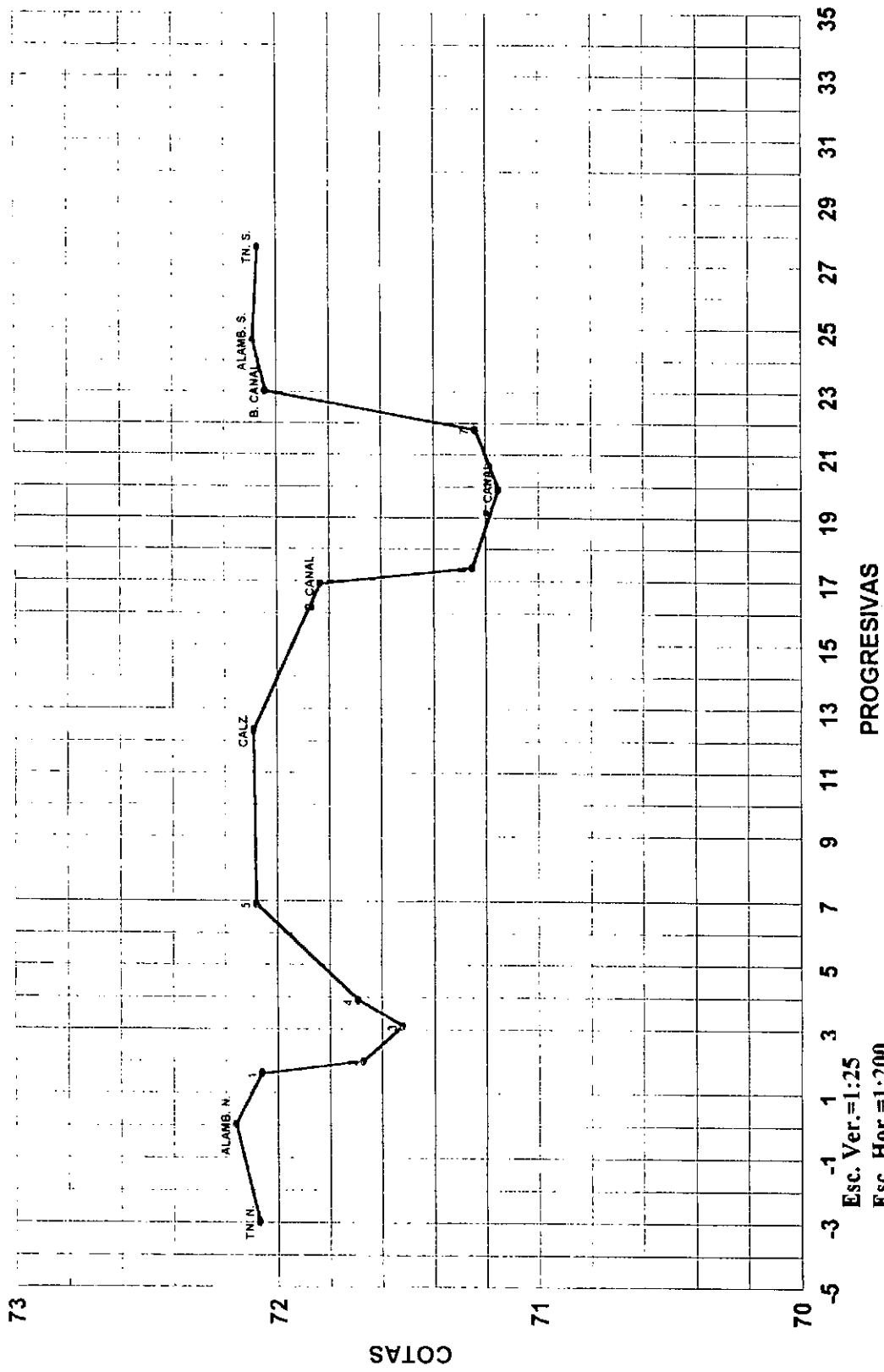
PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R 77 - R 35 - PROG. 23+000



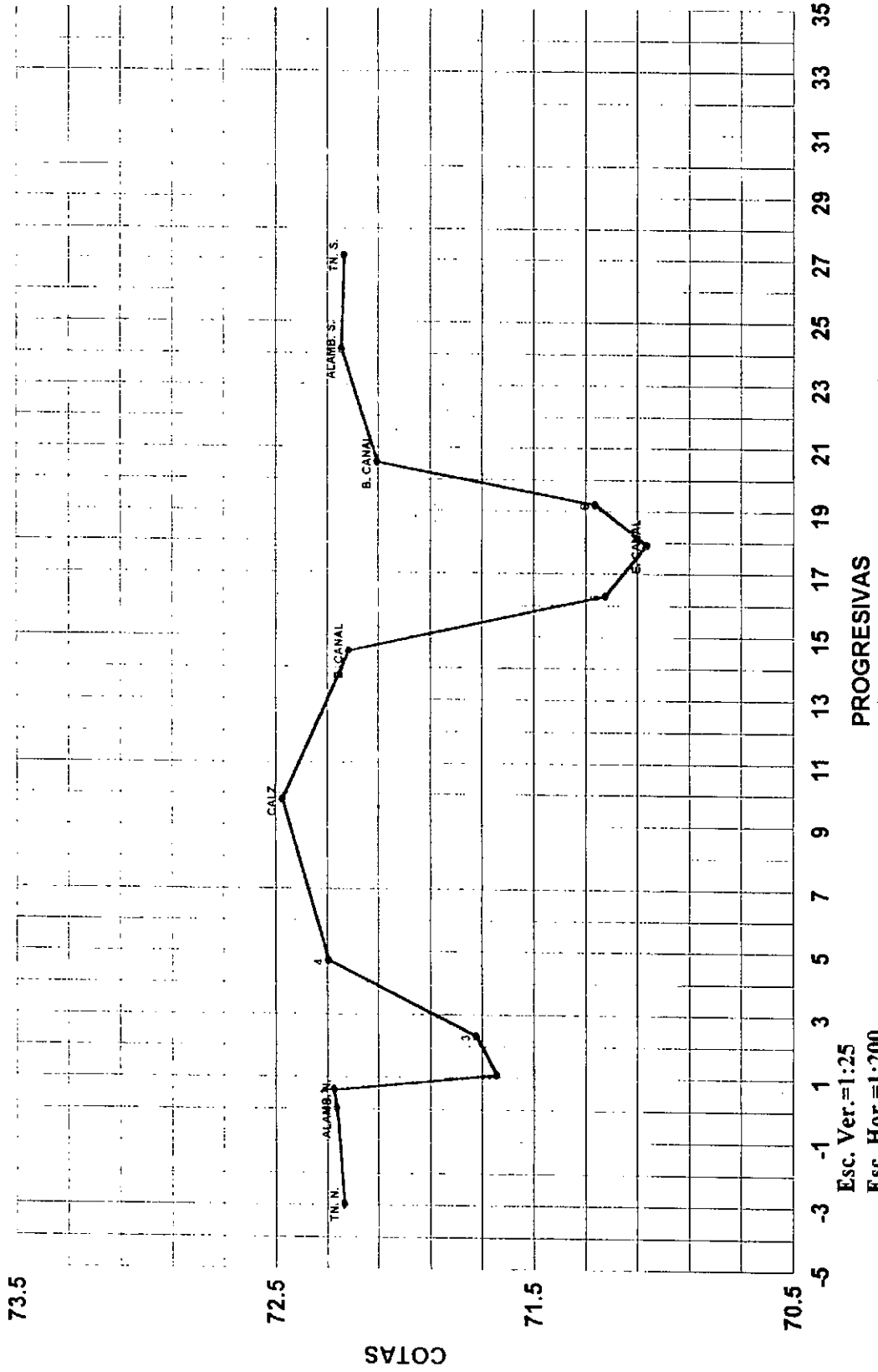
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PERFIL TRANSVERSAL RUTA PCIAL N° 32

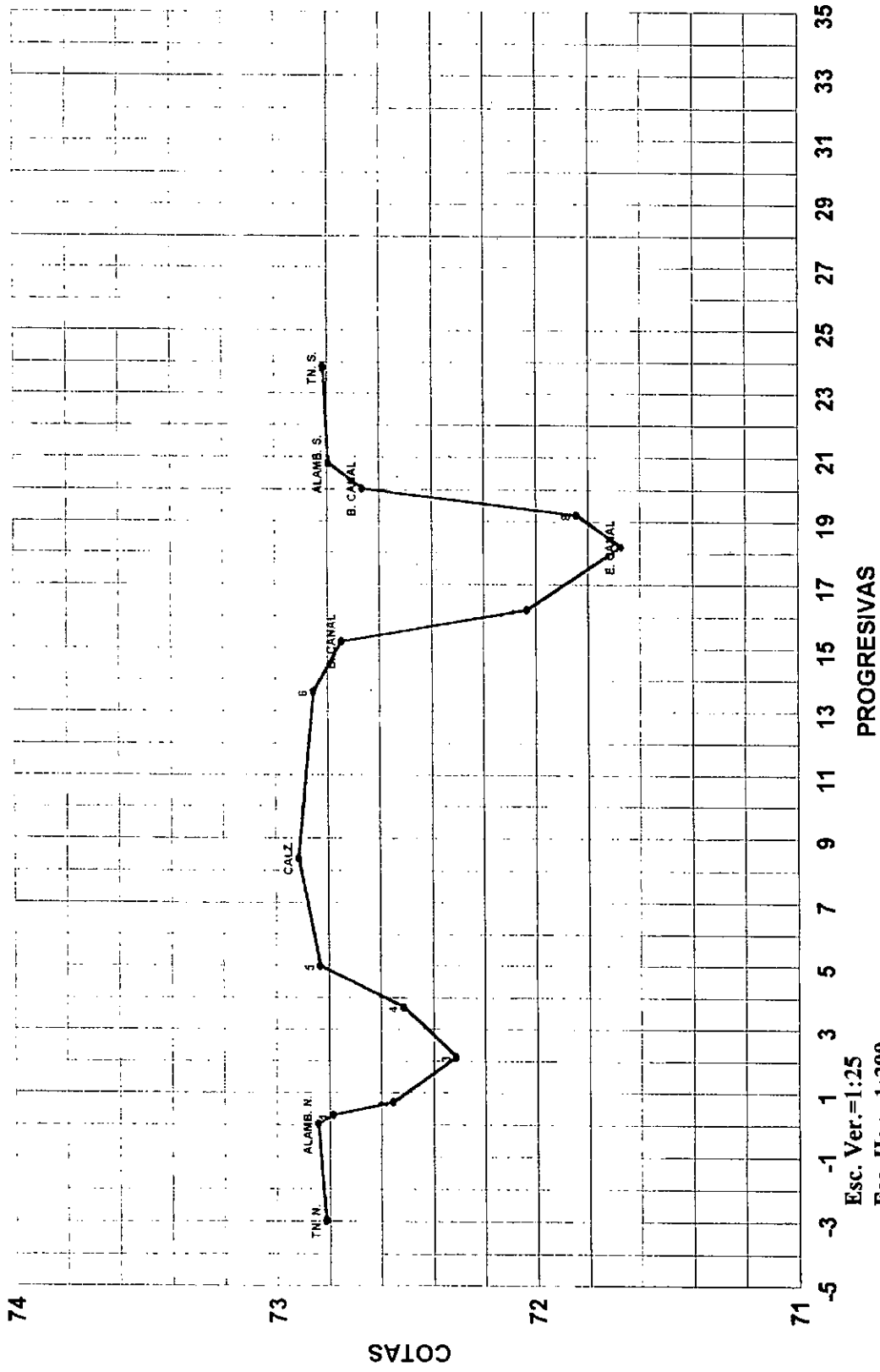
TRAMO: R 77 - R 35 - PROG. 24+000



PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R 77 - R 35 - PROG. 25+000

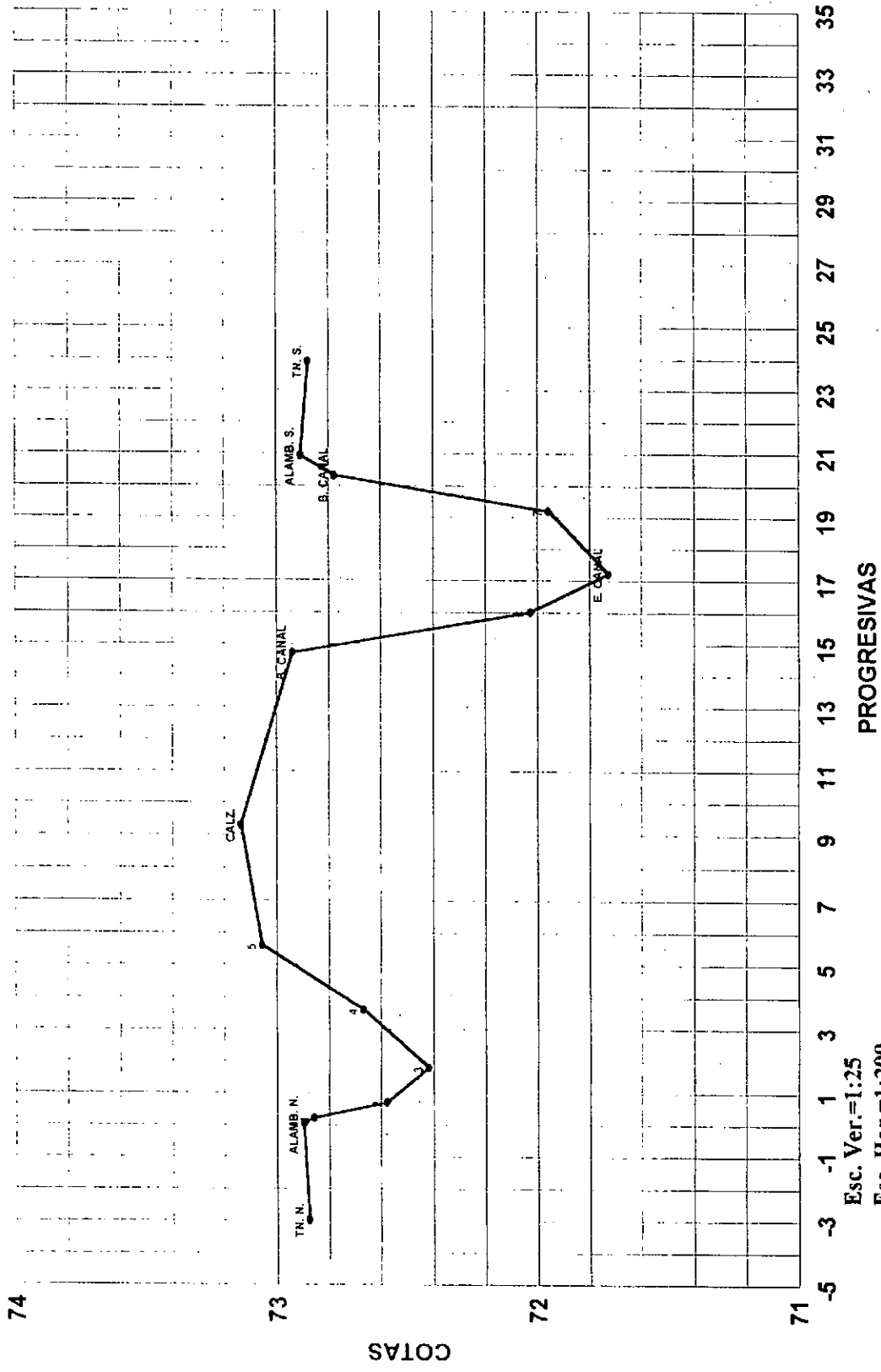


PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R 77 - R 35 - PROG. 26+000



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 Esc. Hor.=1:200

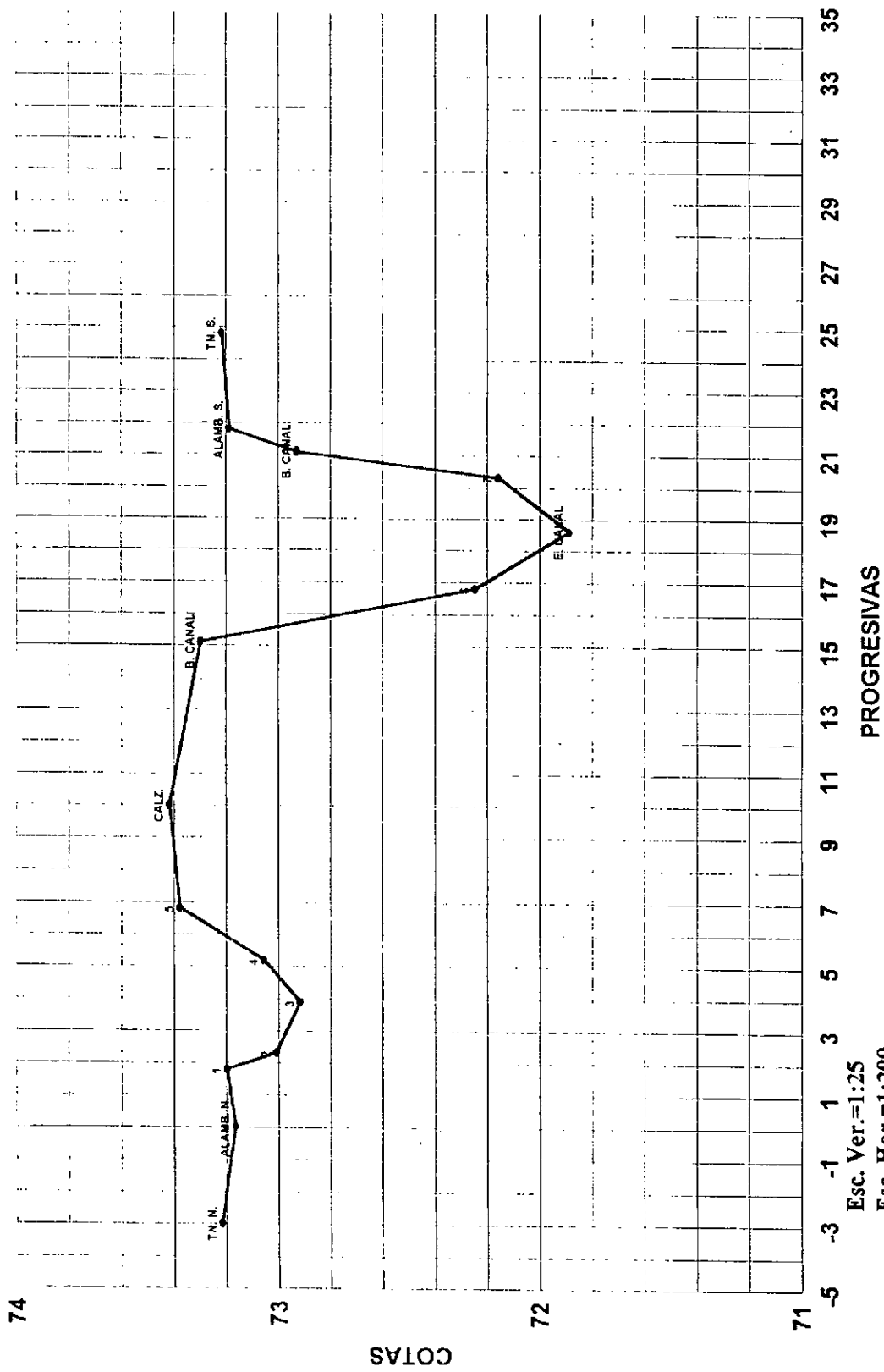
PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R 77 - R 35 - PROG. 27+000



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 Esc. Hor.=1:200

PERFIL TRANSVERSAL RUTA PCIAL N° 32

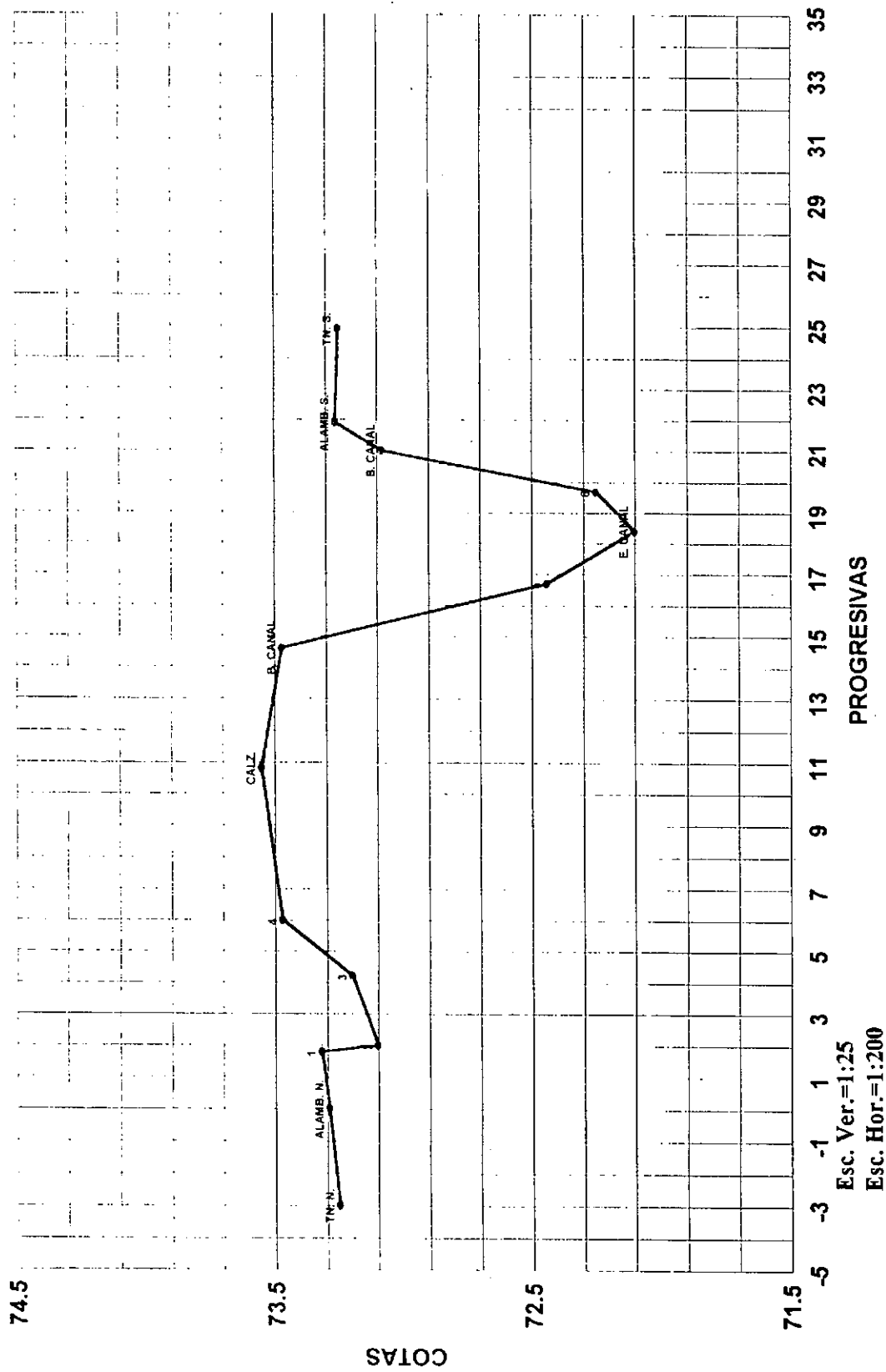
TRAMO: R 77 - R 35 - PROG. 28+000



Esc. Ver.=1:25
Esc. Hor.=1:200

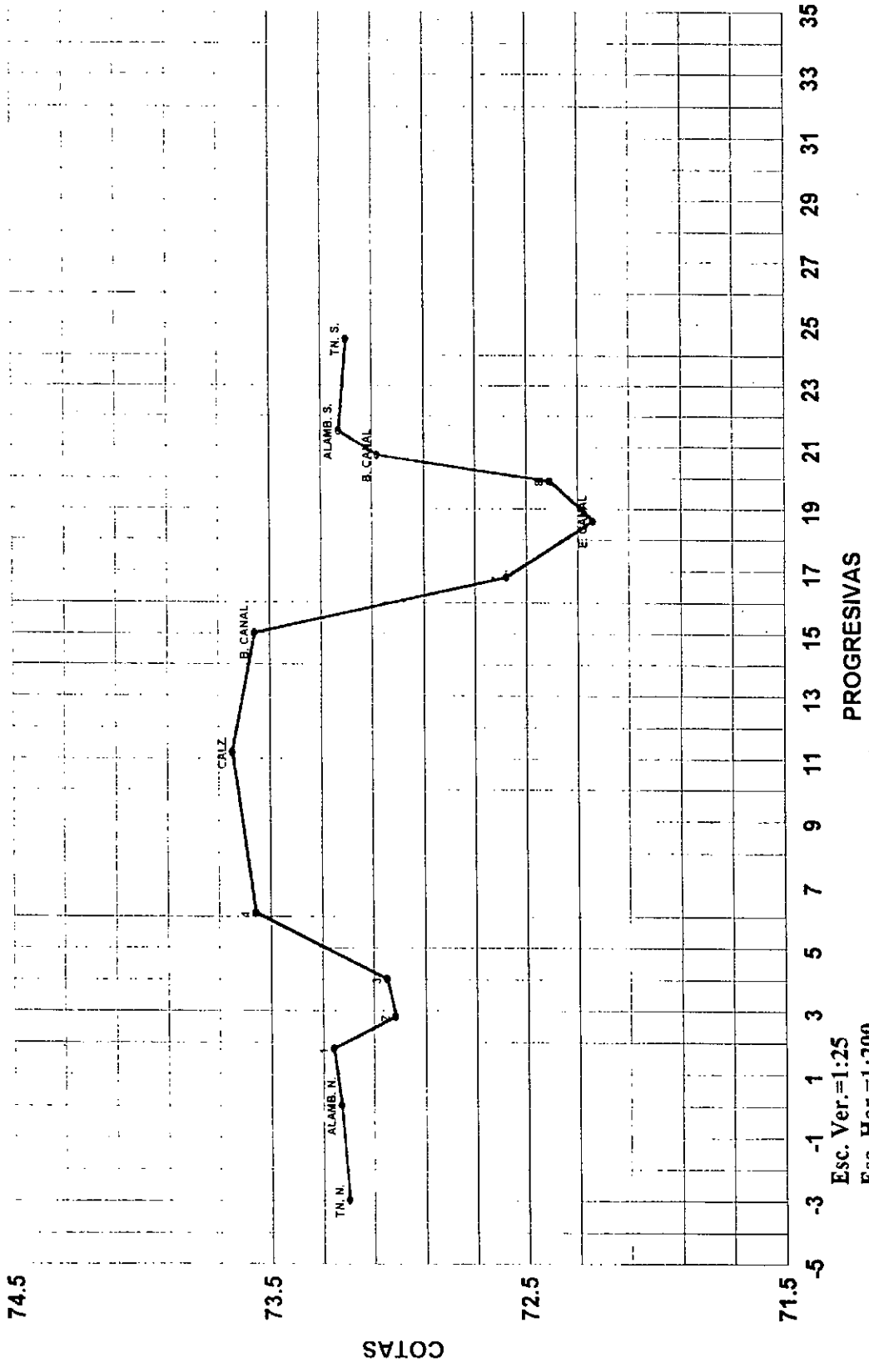
PERFIL TRANSVERSAL RUTA PCIAL N° 32

TRAMO: R 77 - R 35 - PROG. 29+000



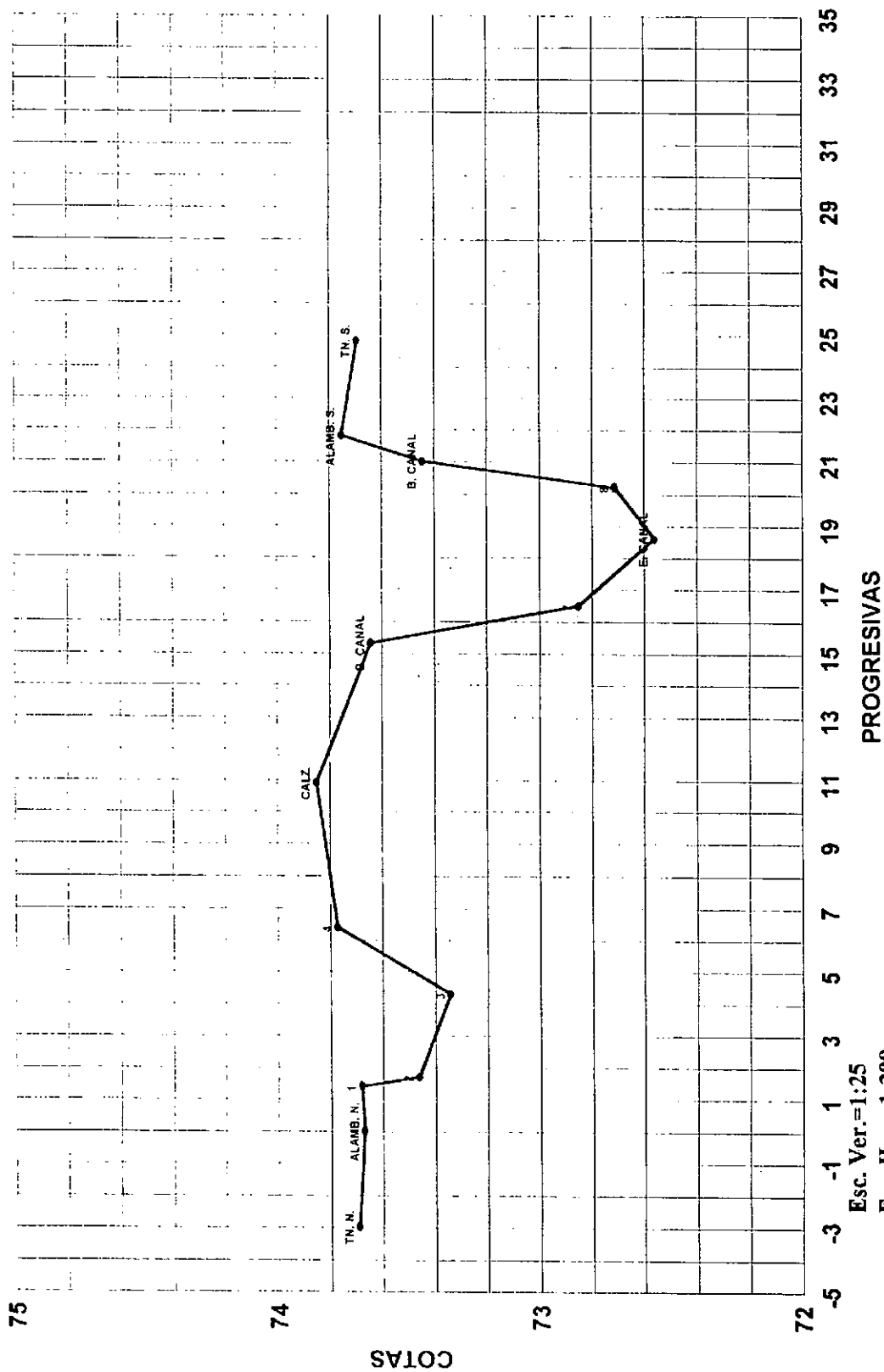
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PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R 77 - R 35 - PROG. 30+000



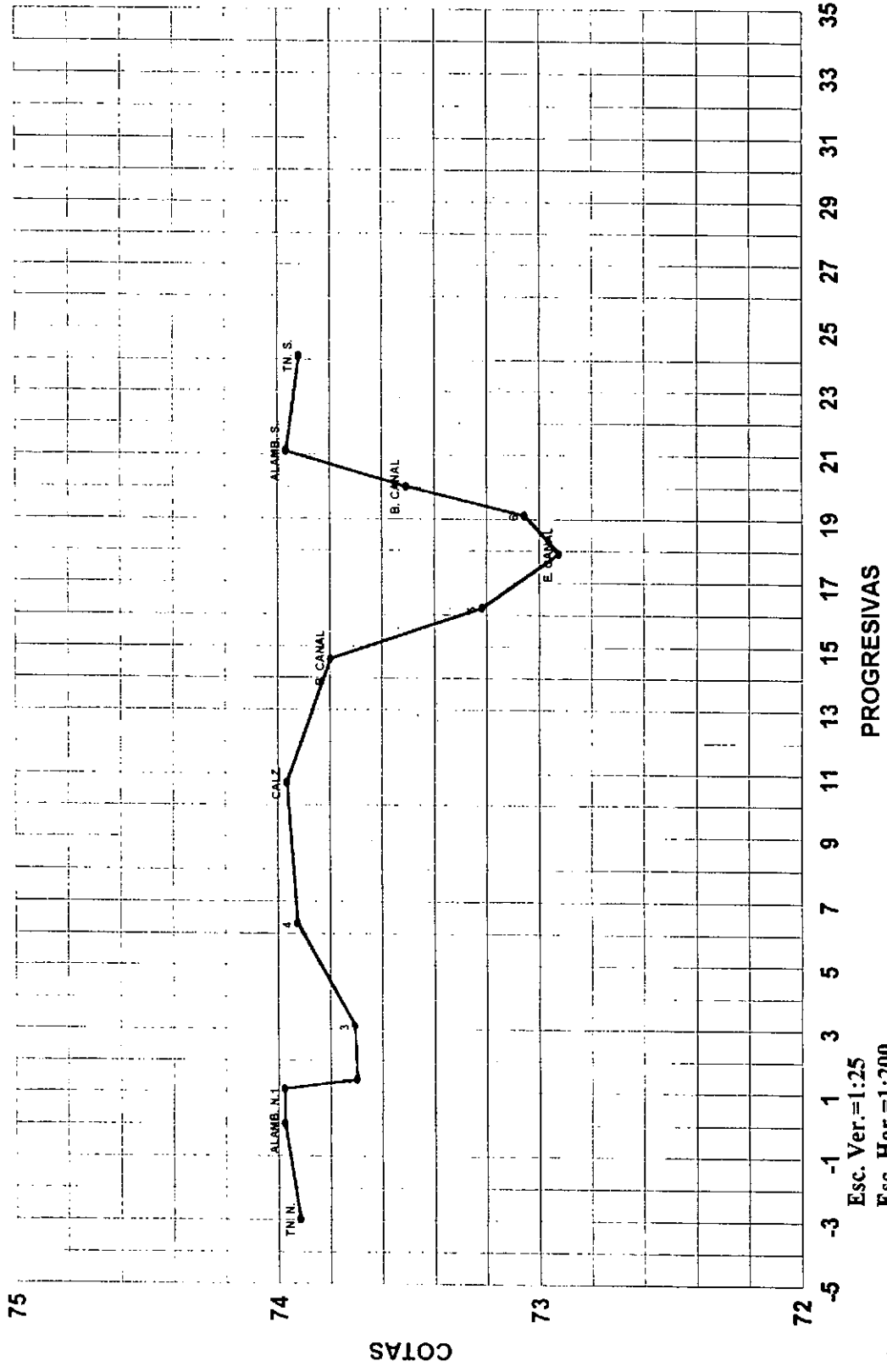
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PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R 77 - R 35 - PROG. 31+000



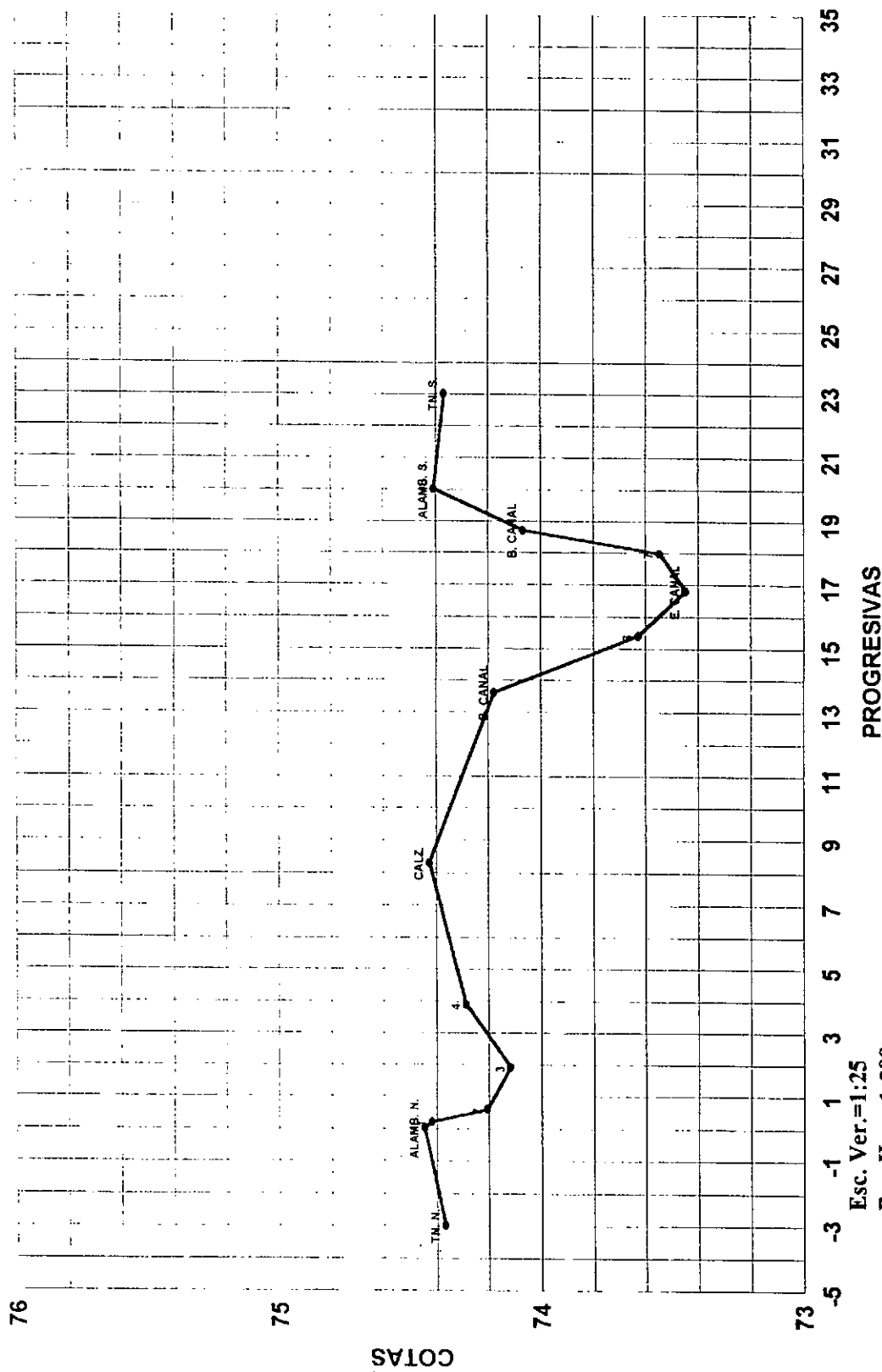
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PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R 77 - R 35 - PROG. 32+000



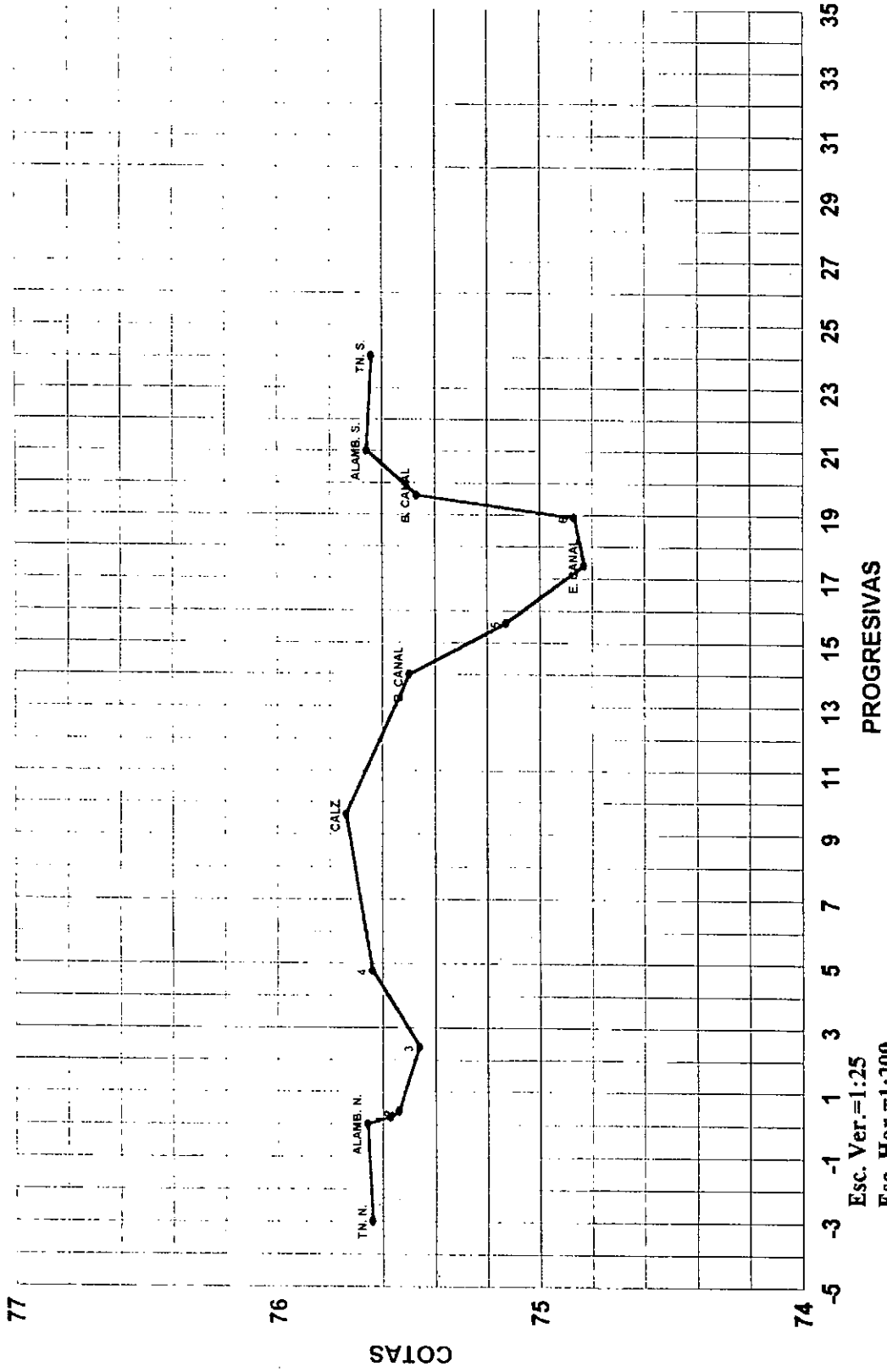
PERFIL TRANSVERSAL RUTA PCIAL N° 32

TRAMO: R 77 - R 35 - PROG. 33+000



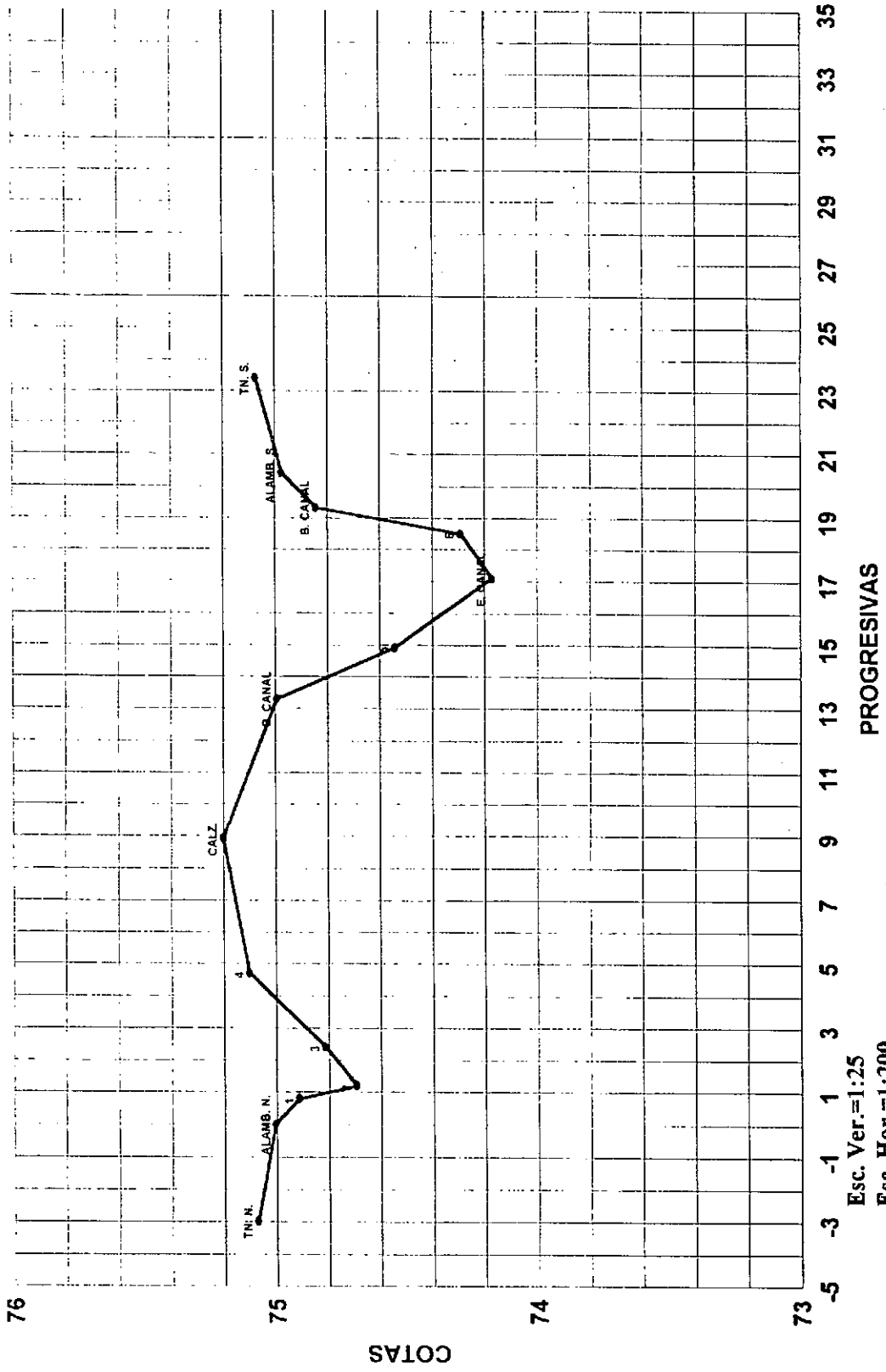
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PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R 77 - R 35 - PROG. 34+000



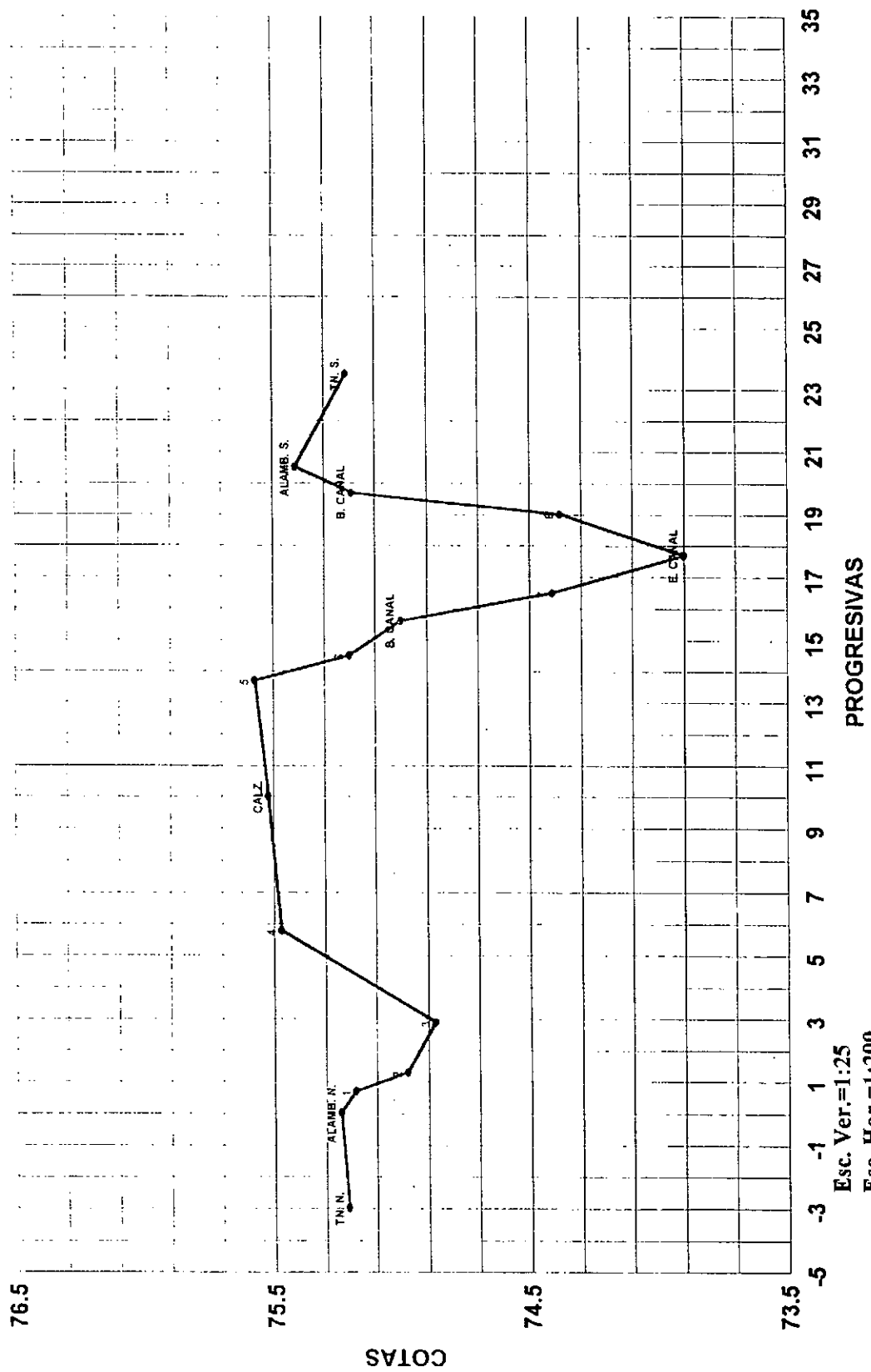
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TRAMO: R 77 - R 35 - PROG. 35+000



PERFIL TRANSVERSAL RUTA PCIAL N° 32

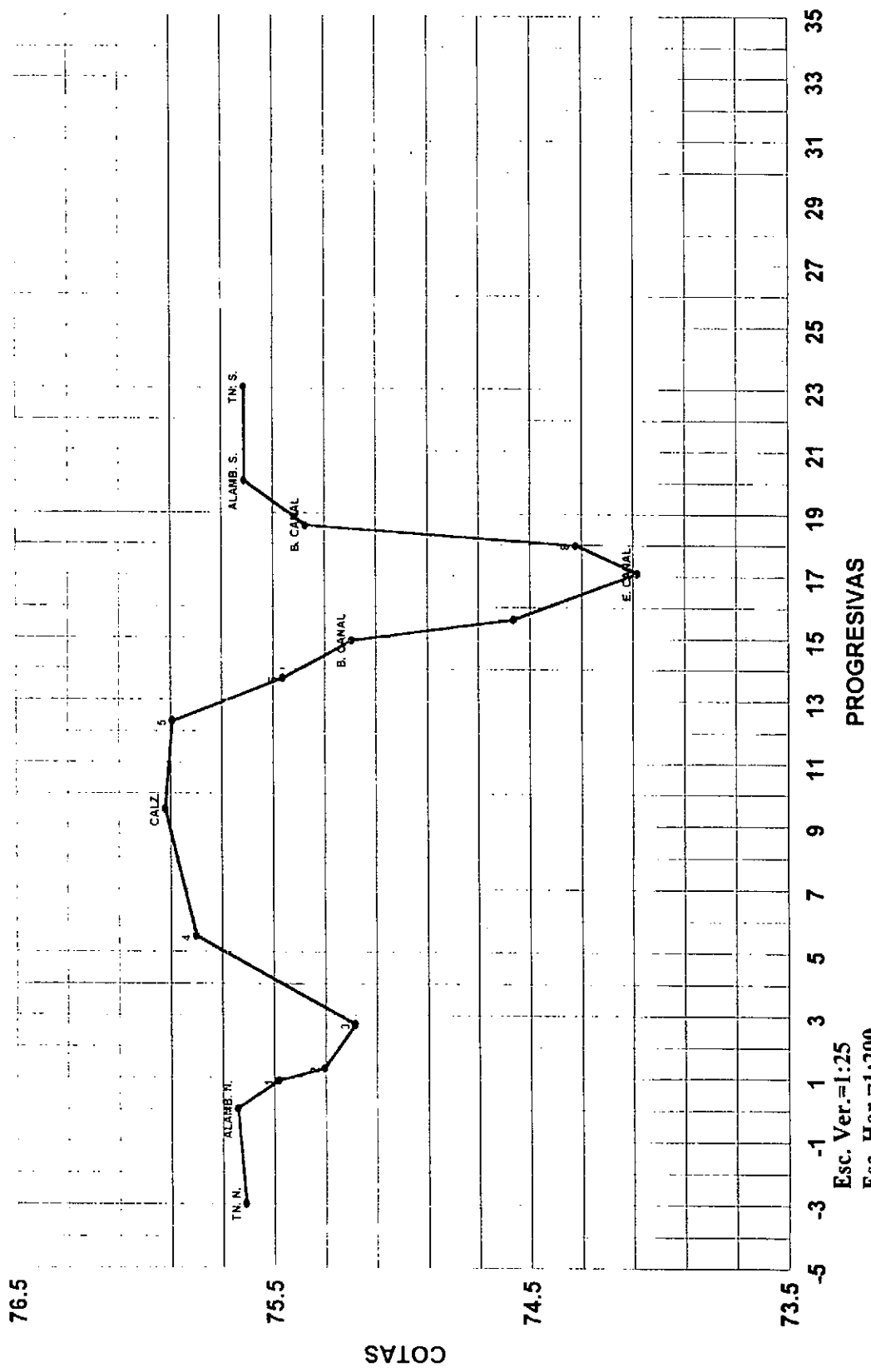
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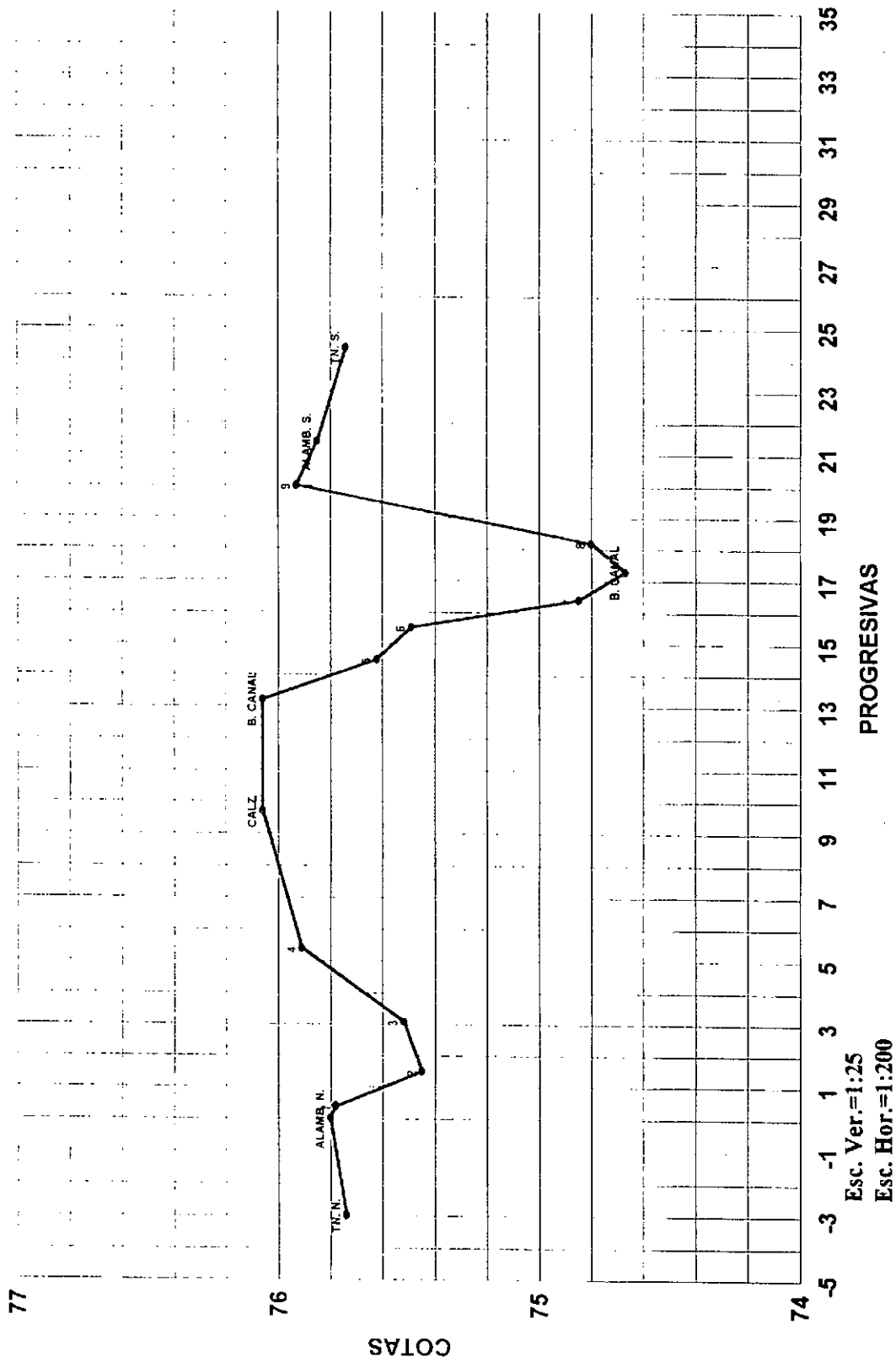
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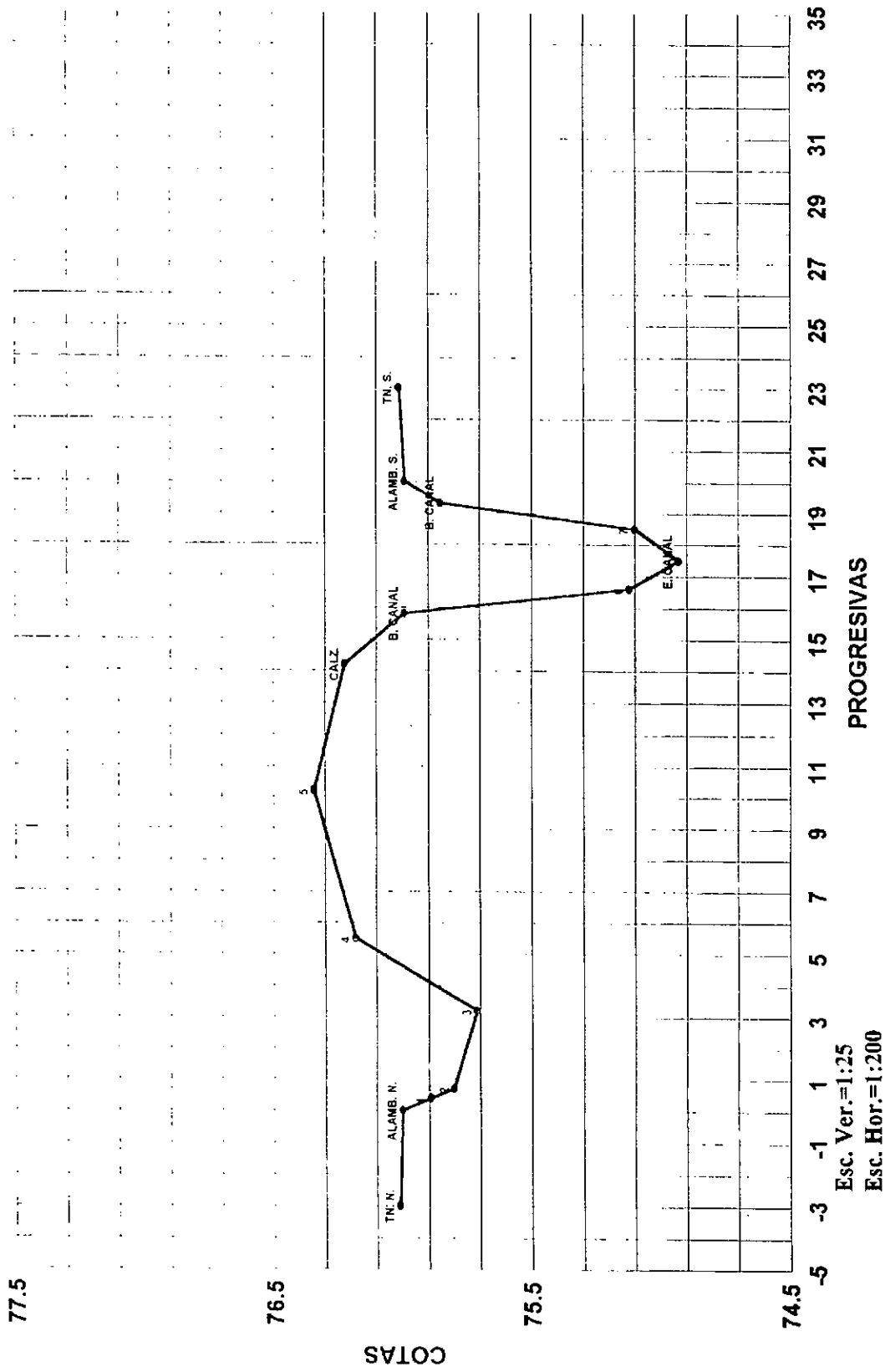
TRAMO: R 77 - R 35 - PROG. 38+000



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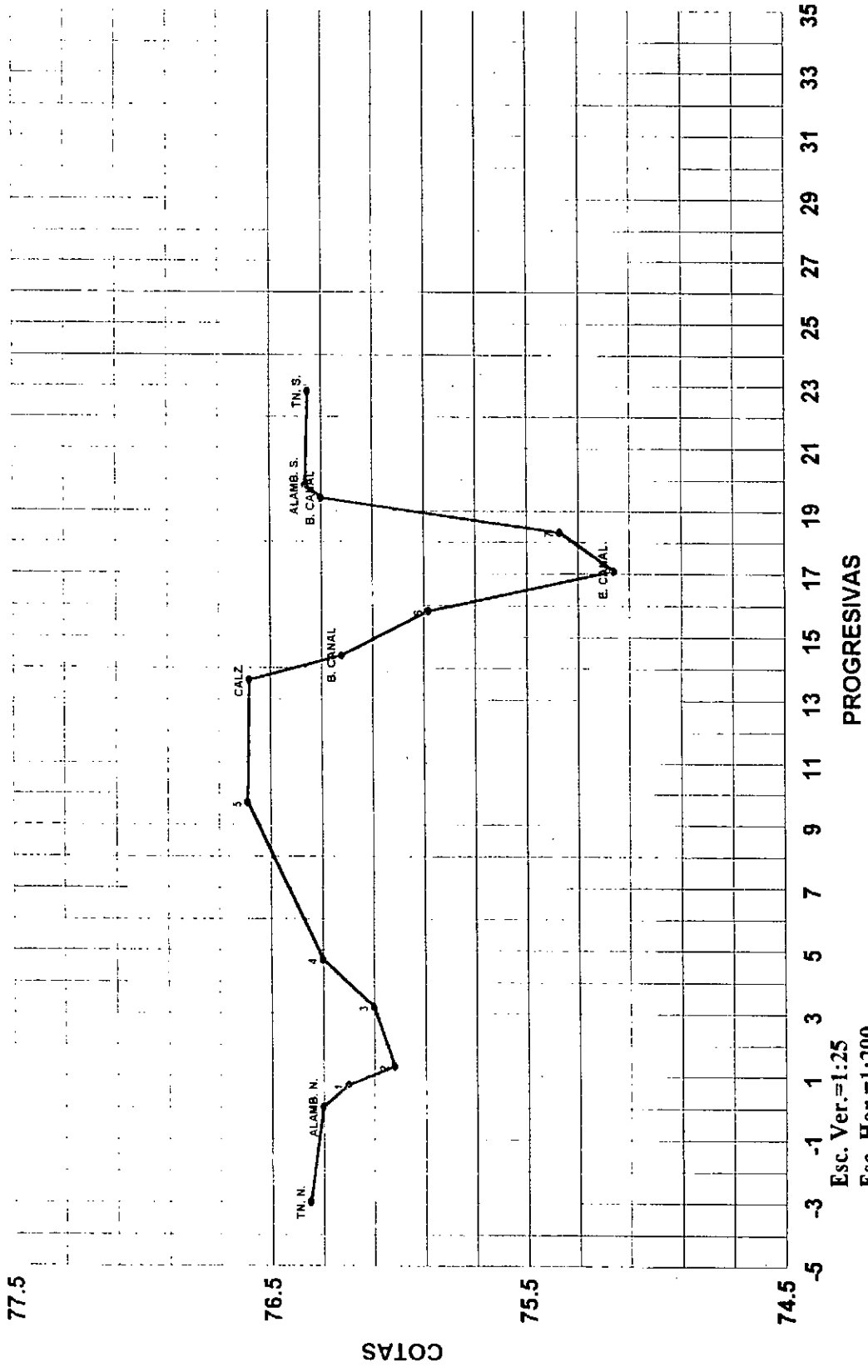
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TRAMO: R 77 - R 35 - PROG. 39+000

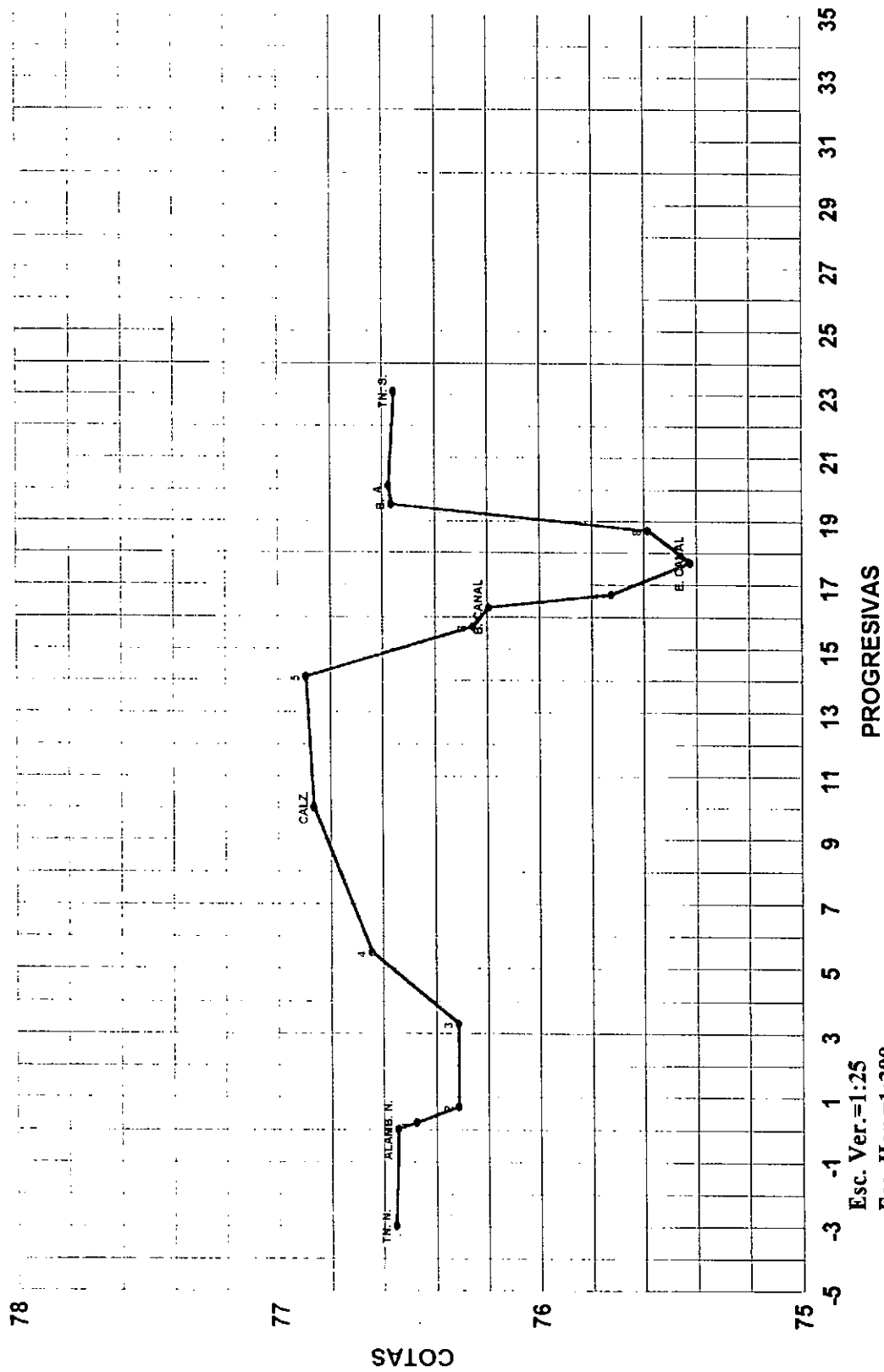


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TRAMO: R 77 - R 35 - PROG. 40+000



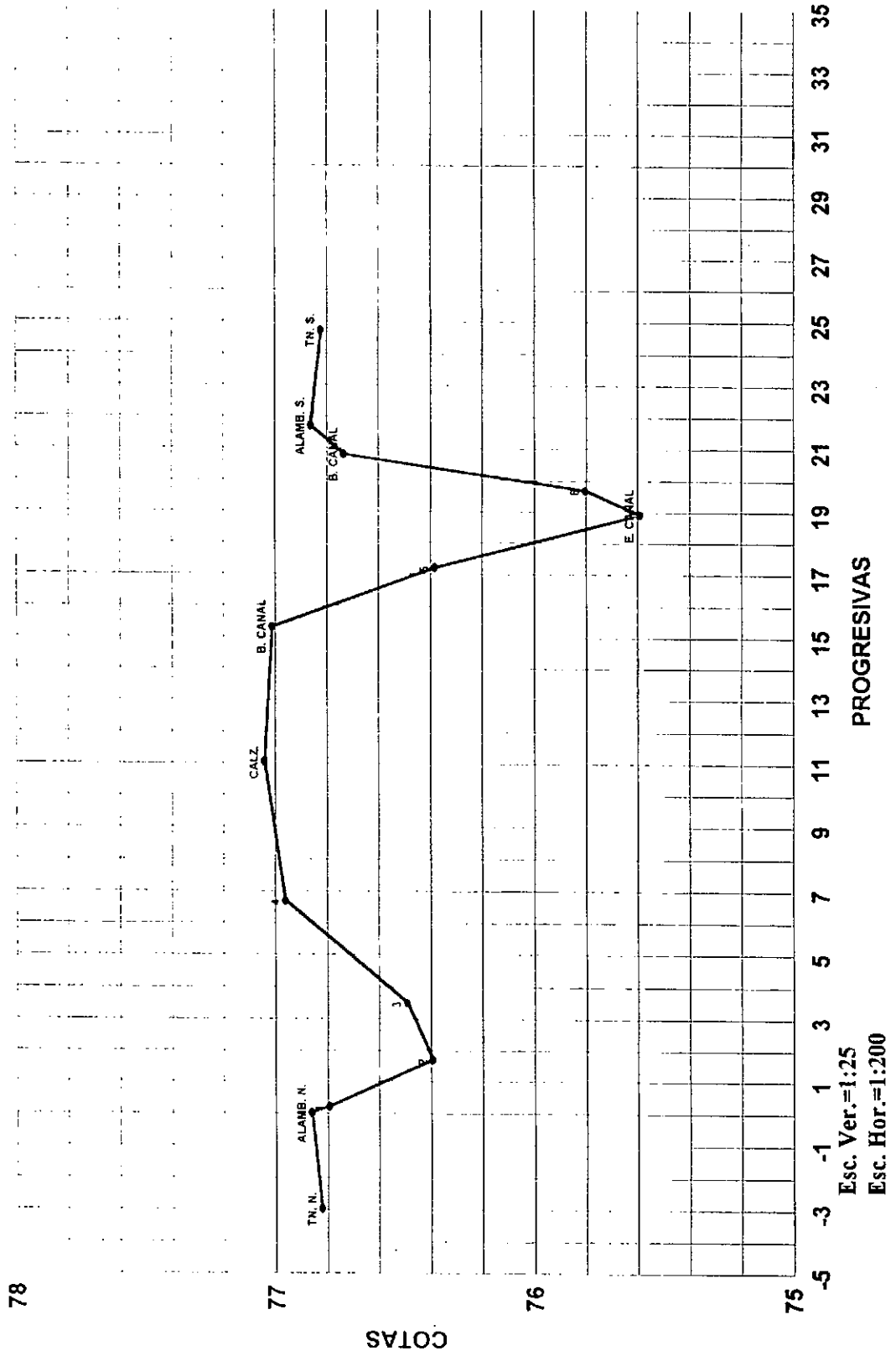
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TRAMO: R 77 - R 35 - PROG. 41+000



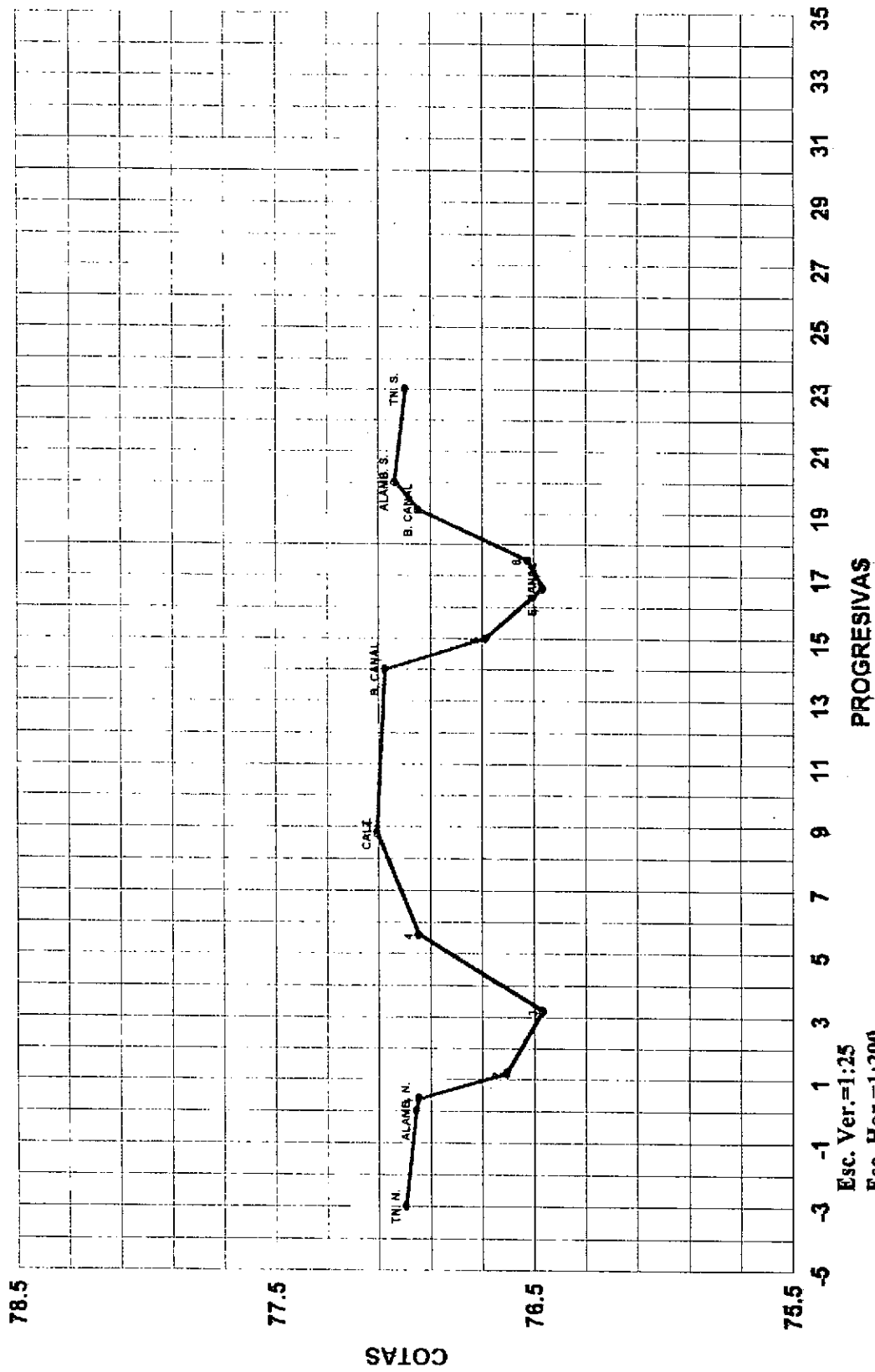
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TRAMO: R 77 - R 35 - PROG. 42+000

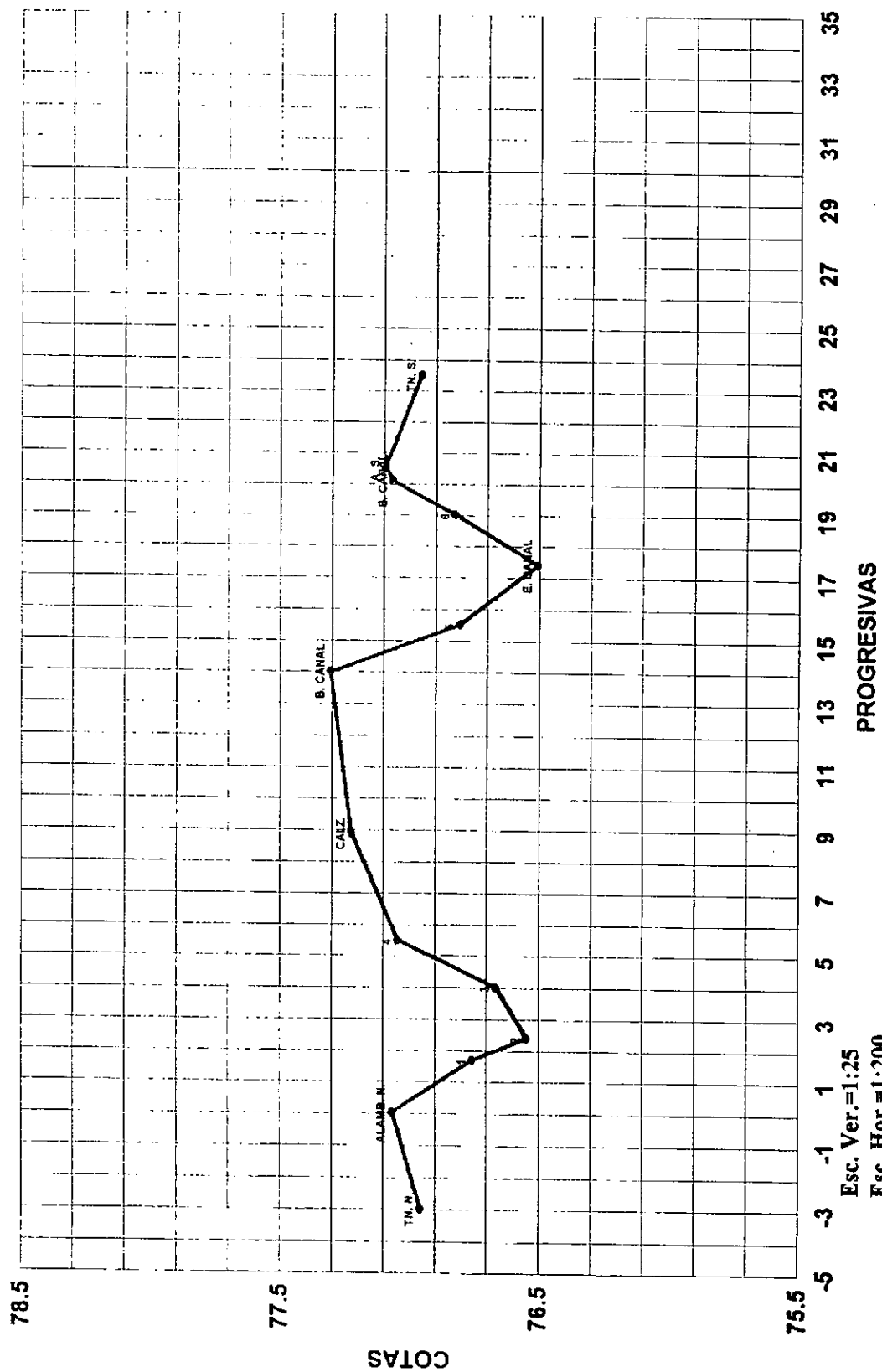


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TRAMO: R 77 - R 38 - PROG. 43+000



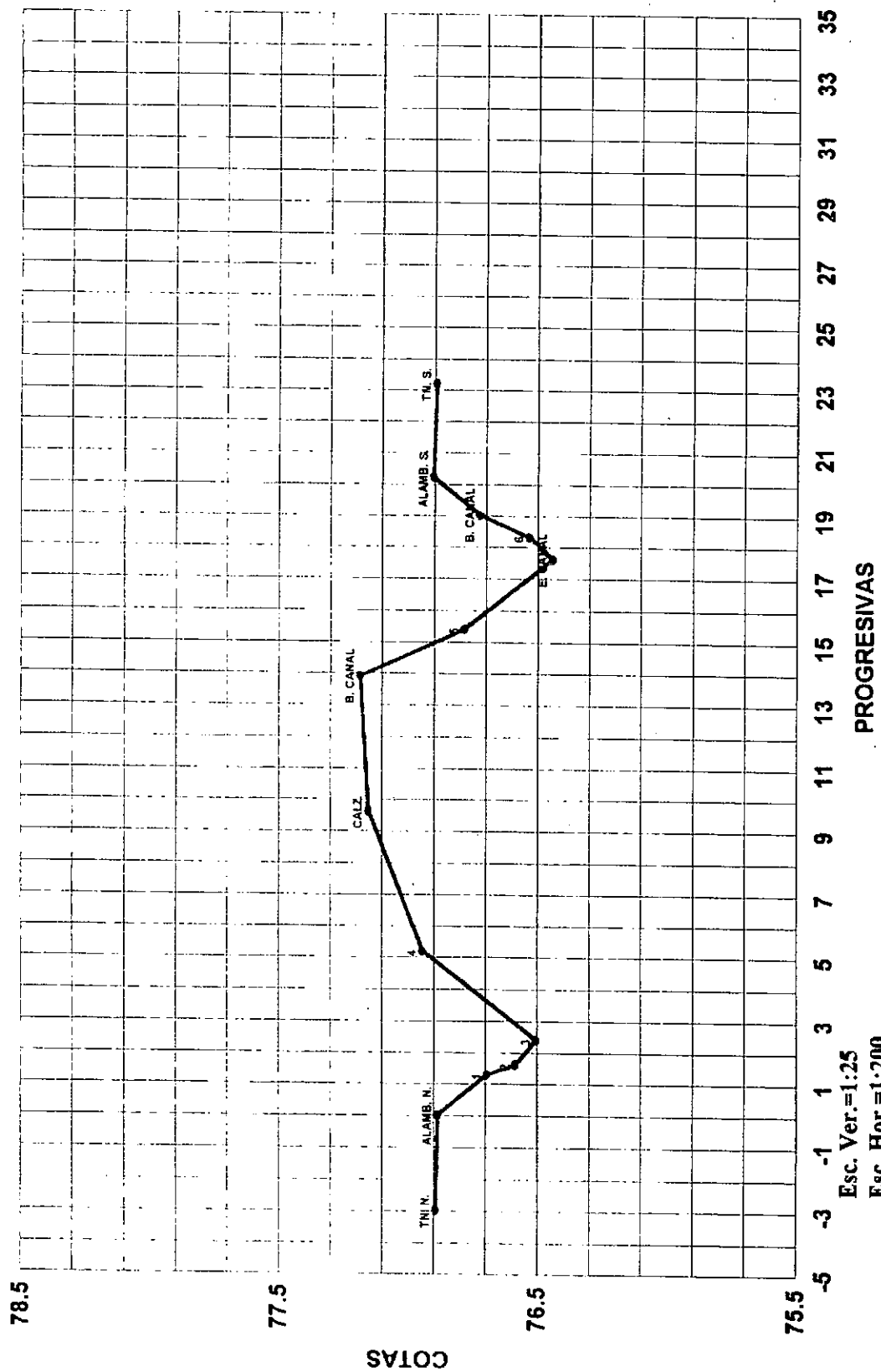
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TRAMO: R 77 - R 35 - PROG. 44+000



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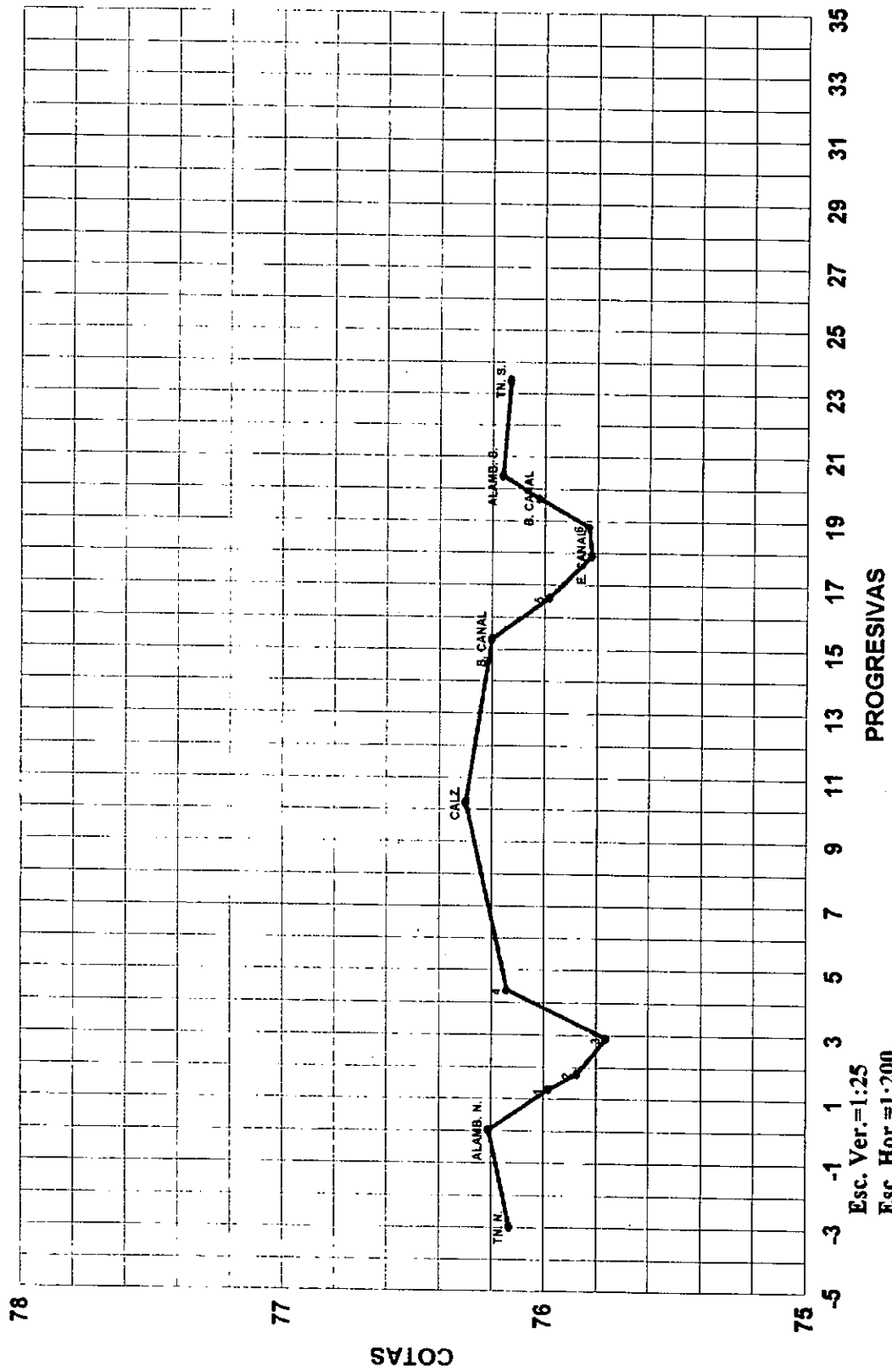
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TRAMO: R 77 - R 35 - PROG. 45+000



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PERFIL TRANSVERSAL RUTA PCIAL N° 32

TRAMO: R 77 - R 35 - PROG. 46+000

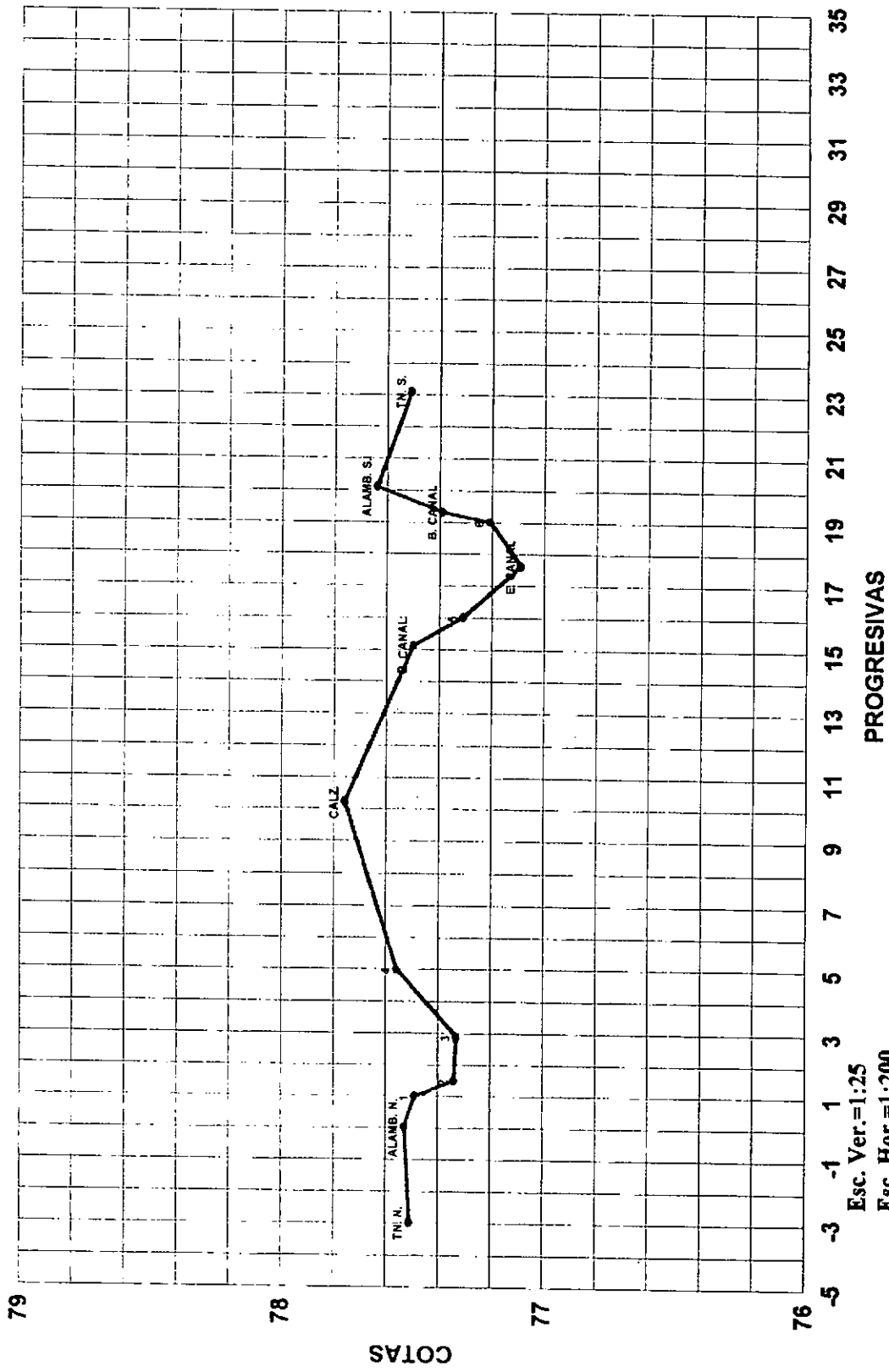


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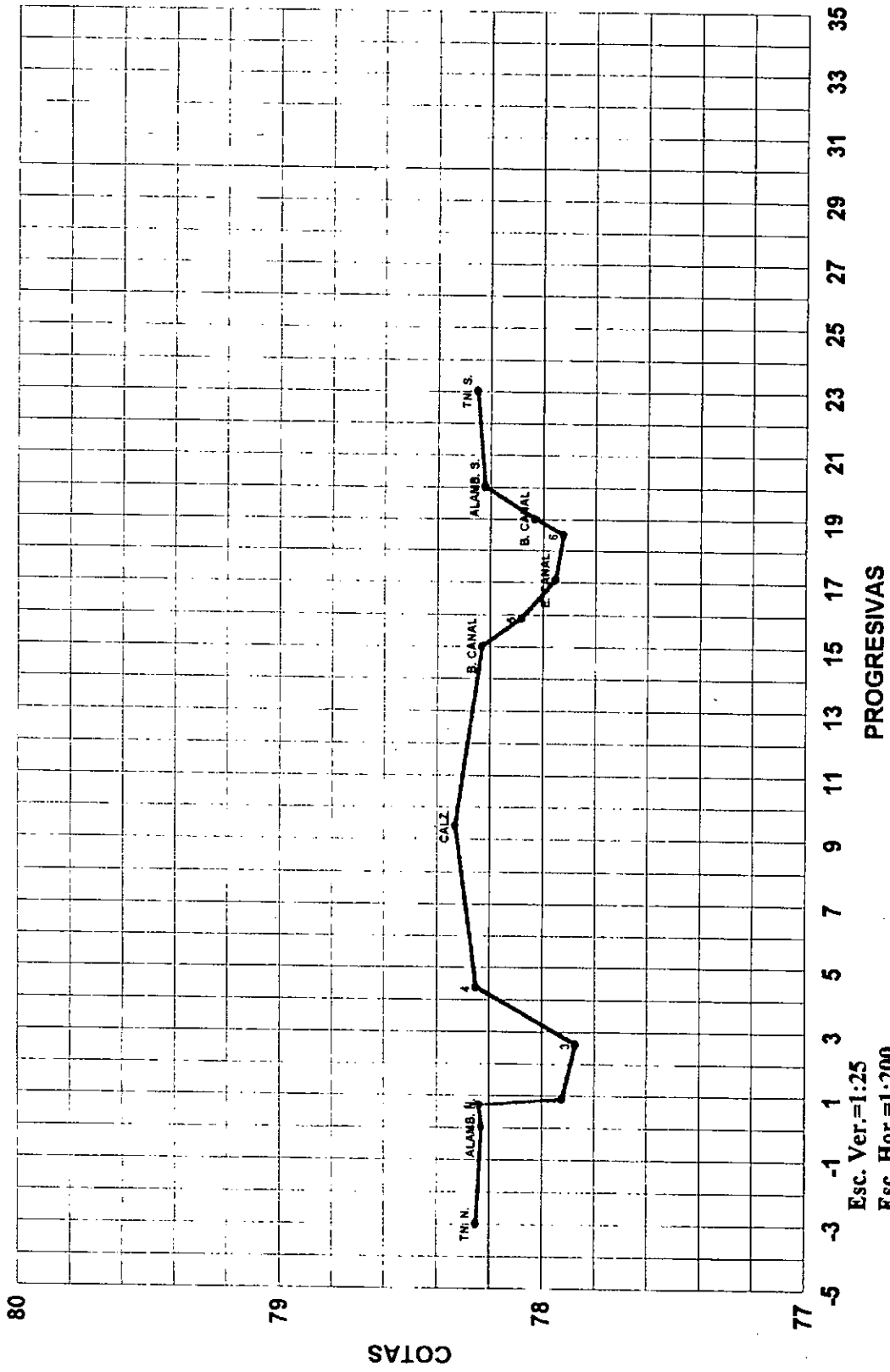
PERFIL TRANSVERSAL RUTA PCIAL N° 32

TRAMO: R 77 - R 35 - PROG. 47+000



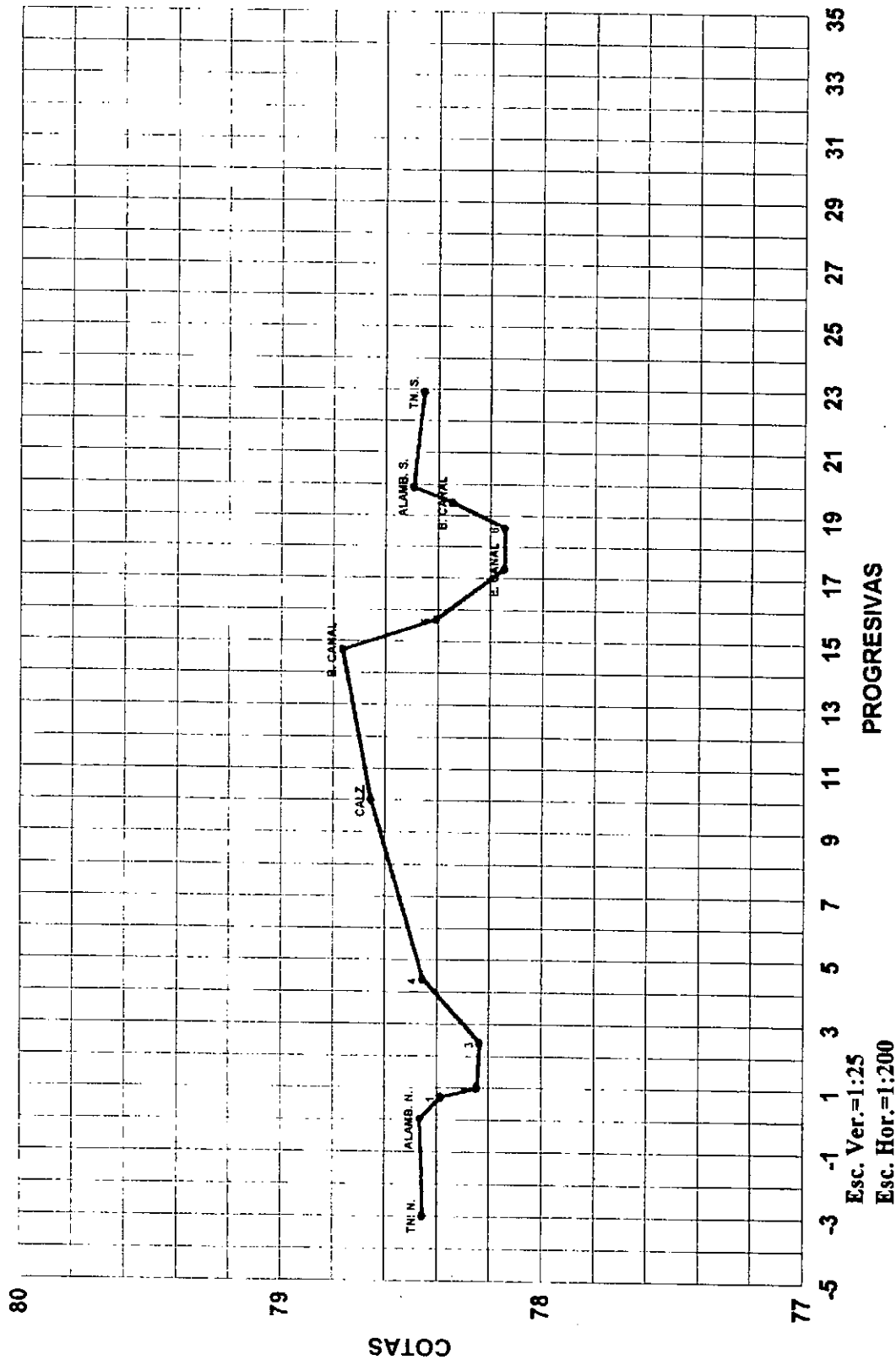
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PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R 77 - R 35 - PROG. 48+000



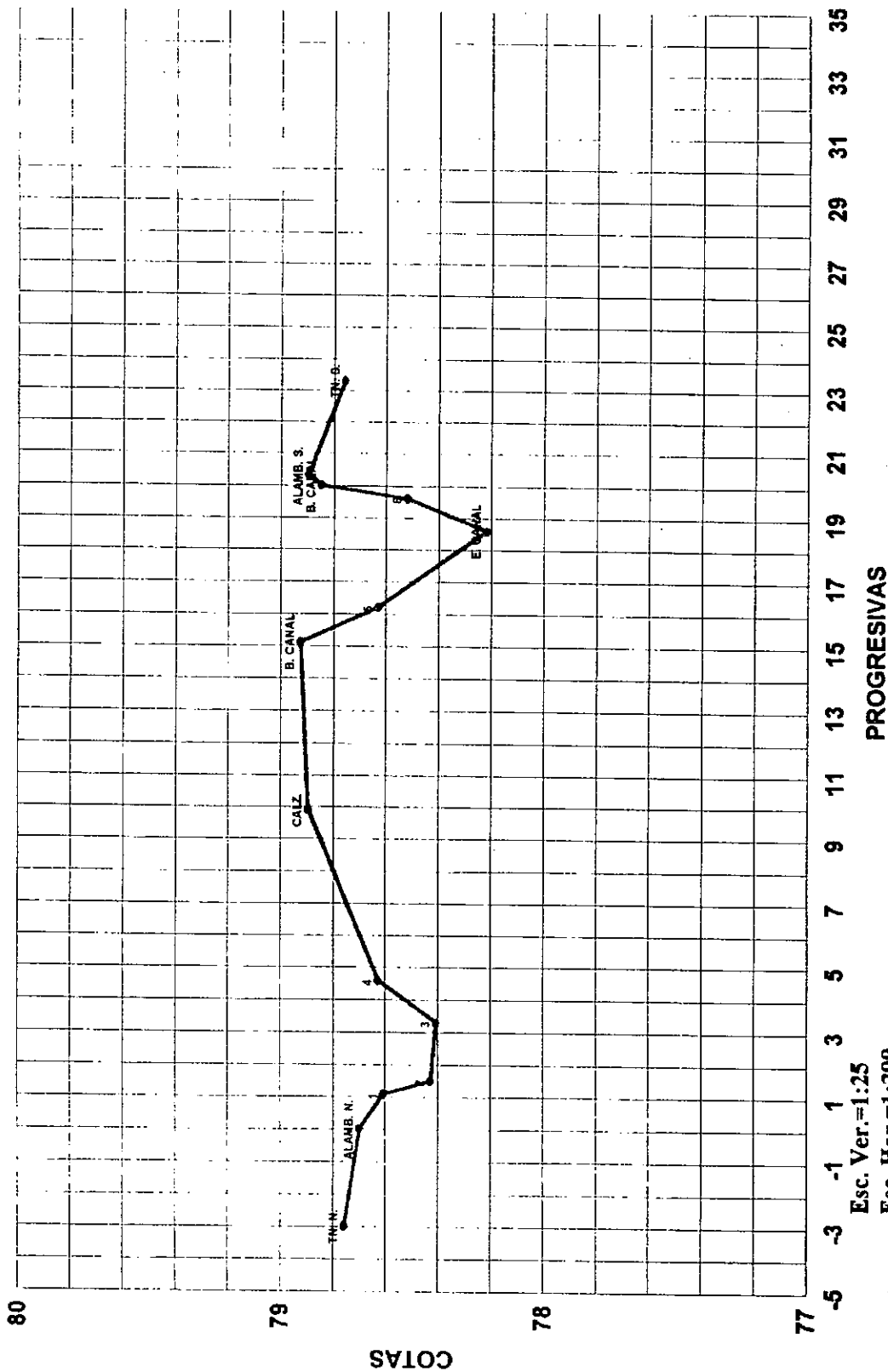
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PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R 77 - R 35 - PROG. 49+000



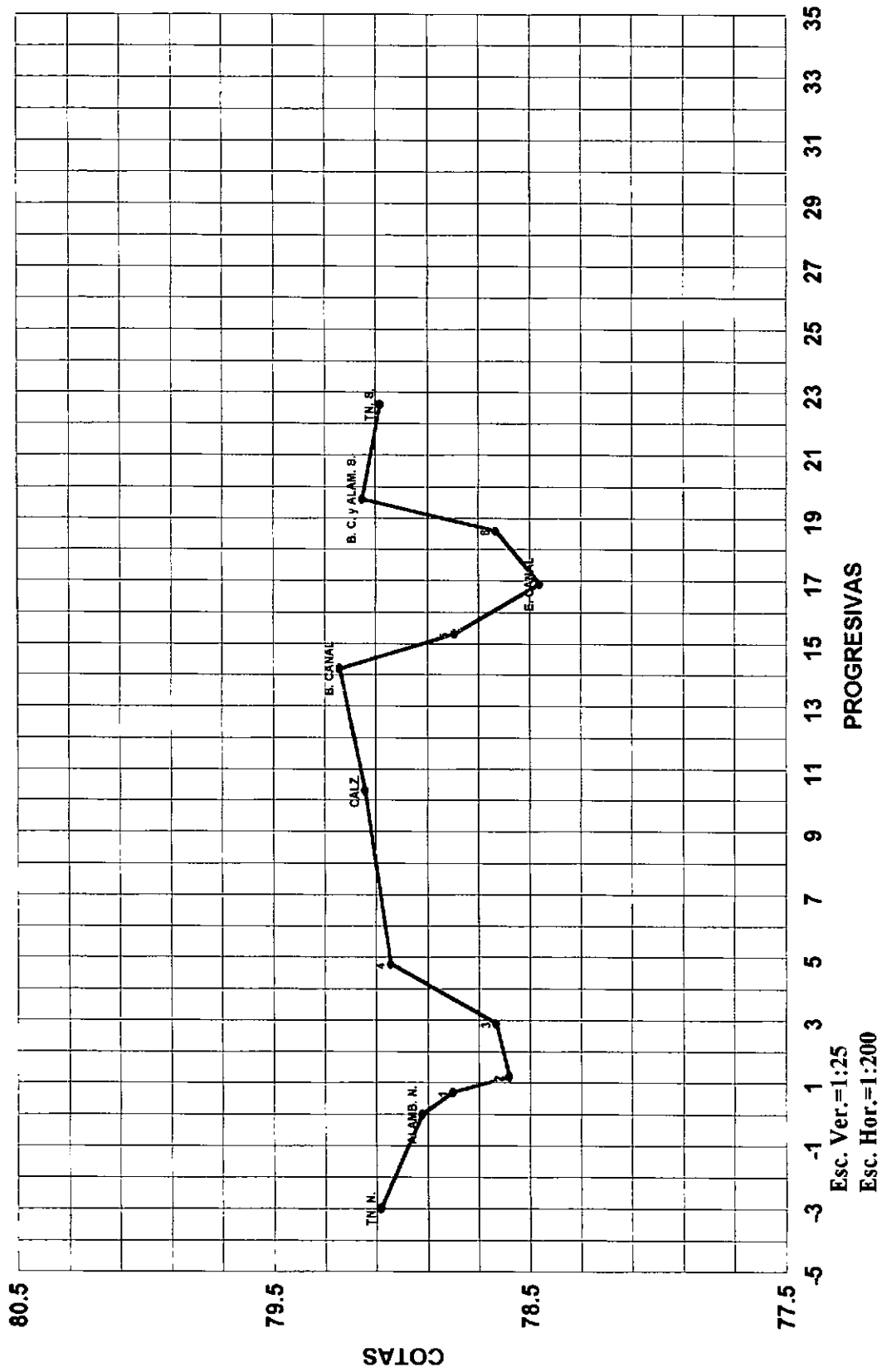
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PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R 77 - R 35 - PROG. 50+000



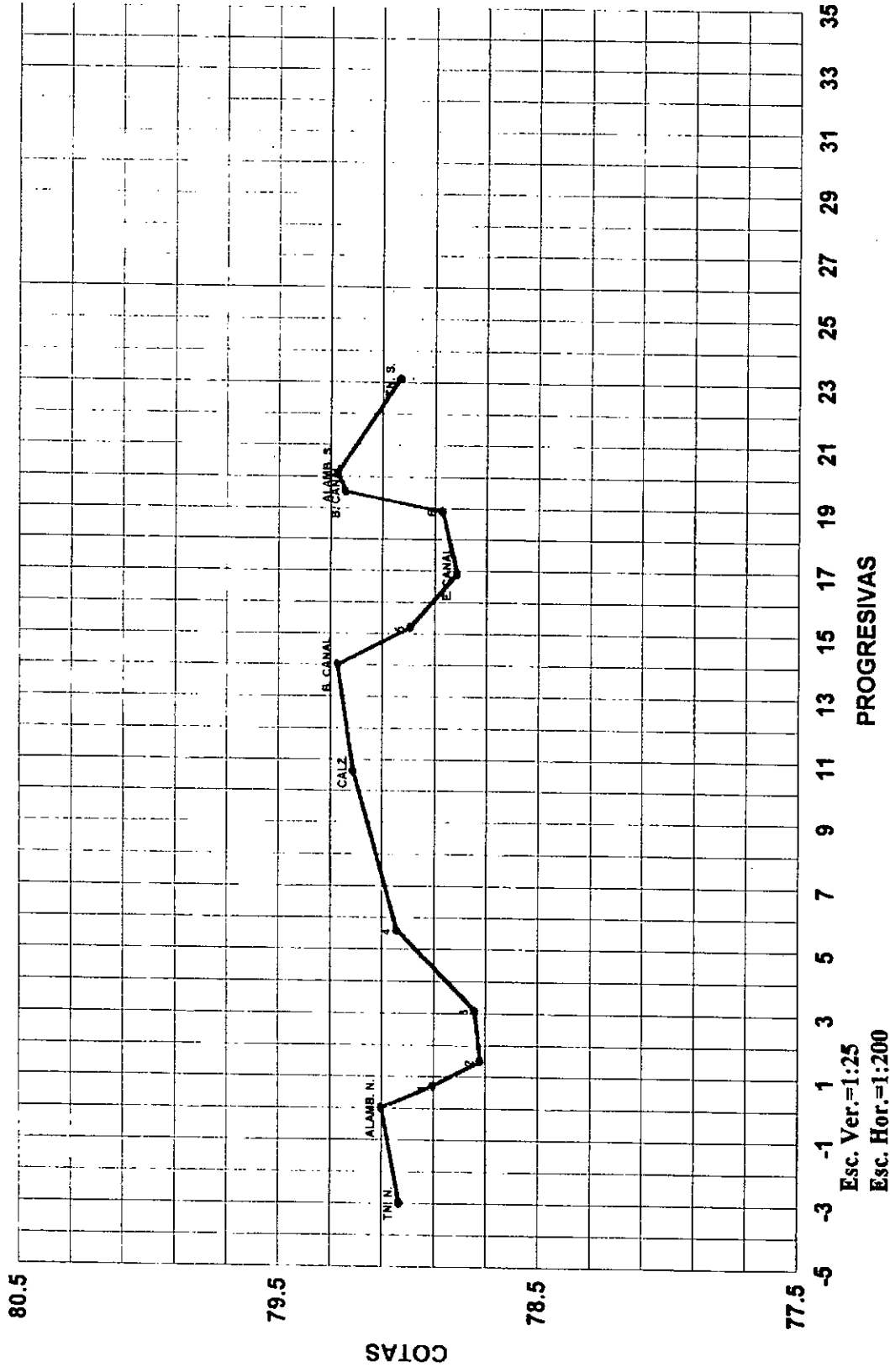
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TRAMO: R 77 - R 35 - PROG. 51+000

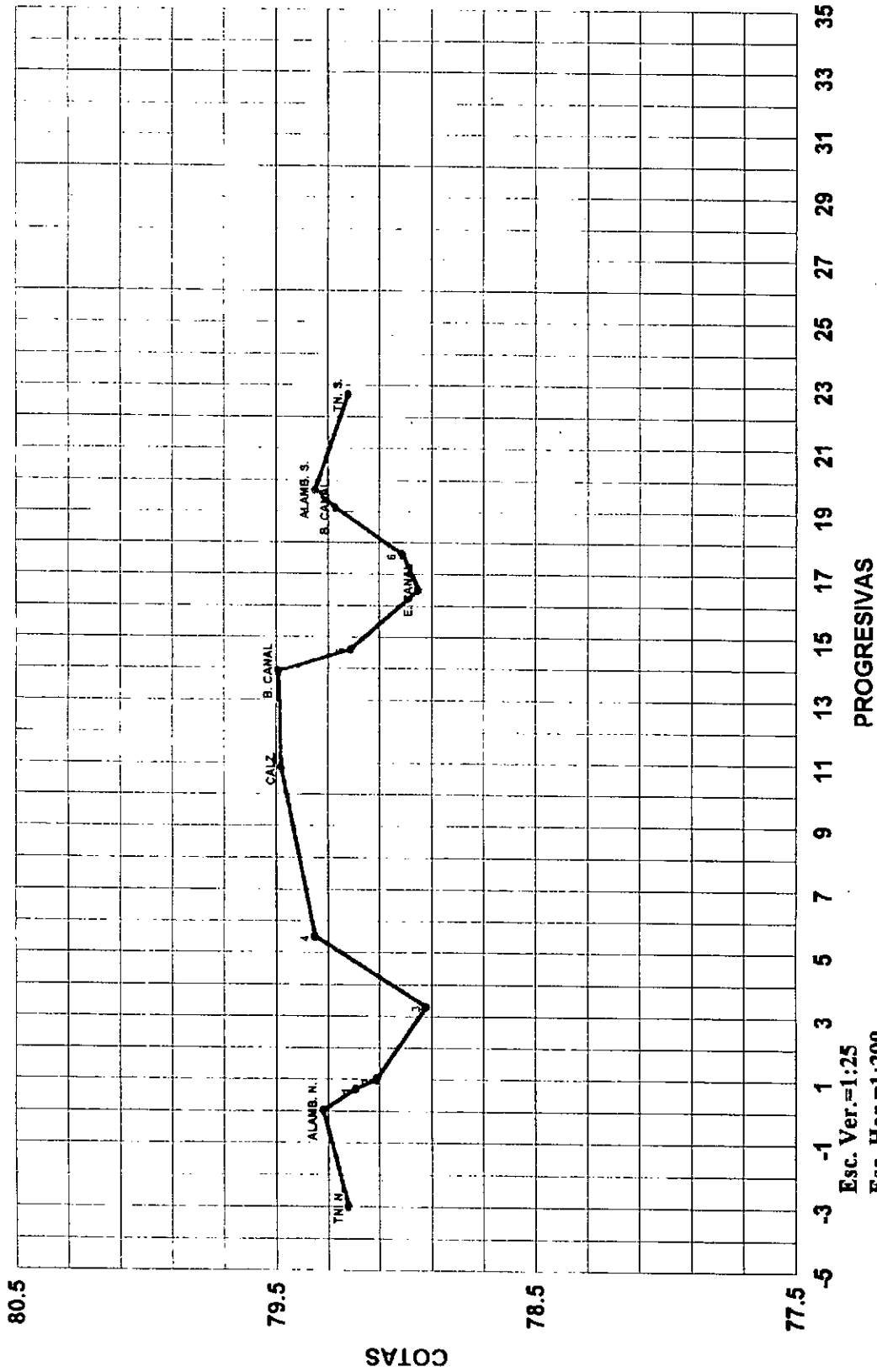


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PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R 77 - R 35 - PROG. 52+000

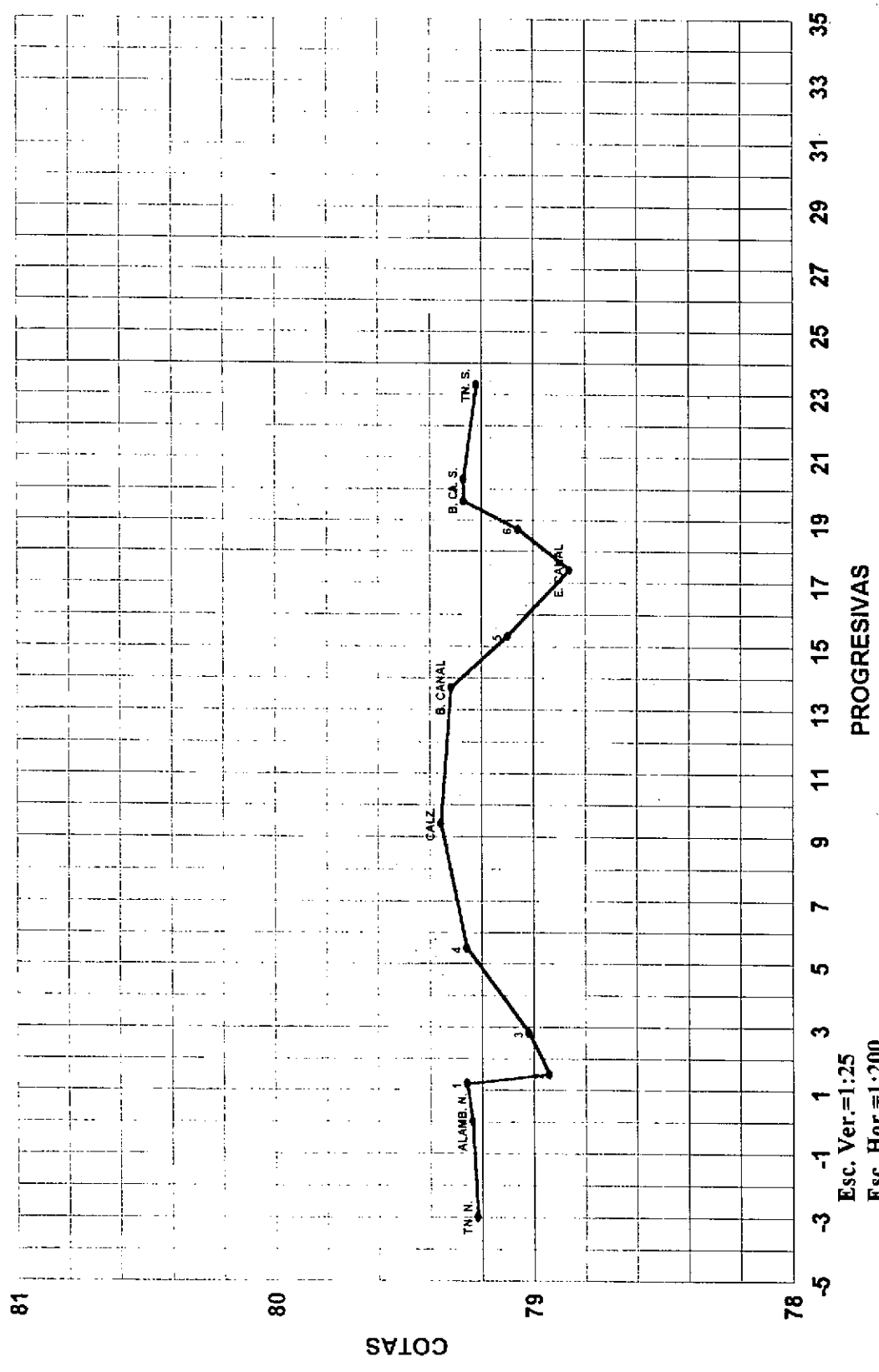


PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R 77 - R 35 - PROG. 53+000



Esc. Ver.=1:25
 Esc. Hor.=1:200

PERFIL TRANSVERSAL RUTA PCIAL N° 32
TRAMO: R77 - R35 - PROG. 53+500 (R35)



**EVALUACION DEL CAUDAL ACTUAL Y
DETALLE DE ALCANTARILLAS SOBRE
CANAL**

EVALUACION DEL CAUDAL ACTUAL DEL CANAL RUTA 32

n (coef. Man.)	0.028
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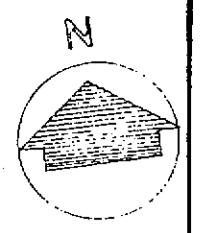
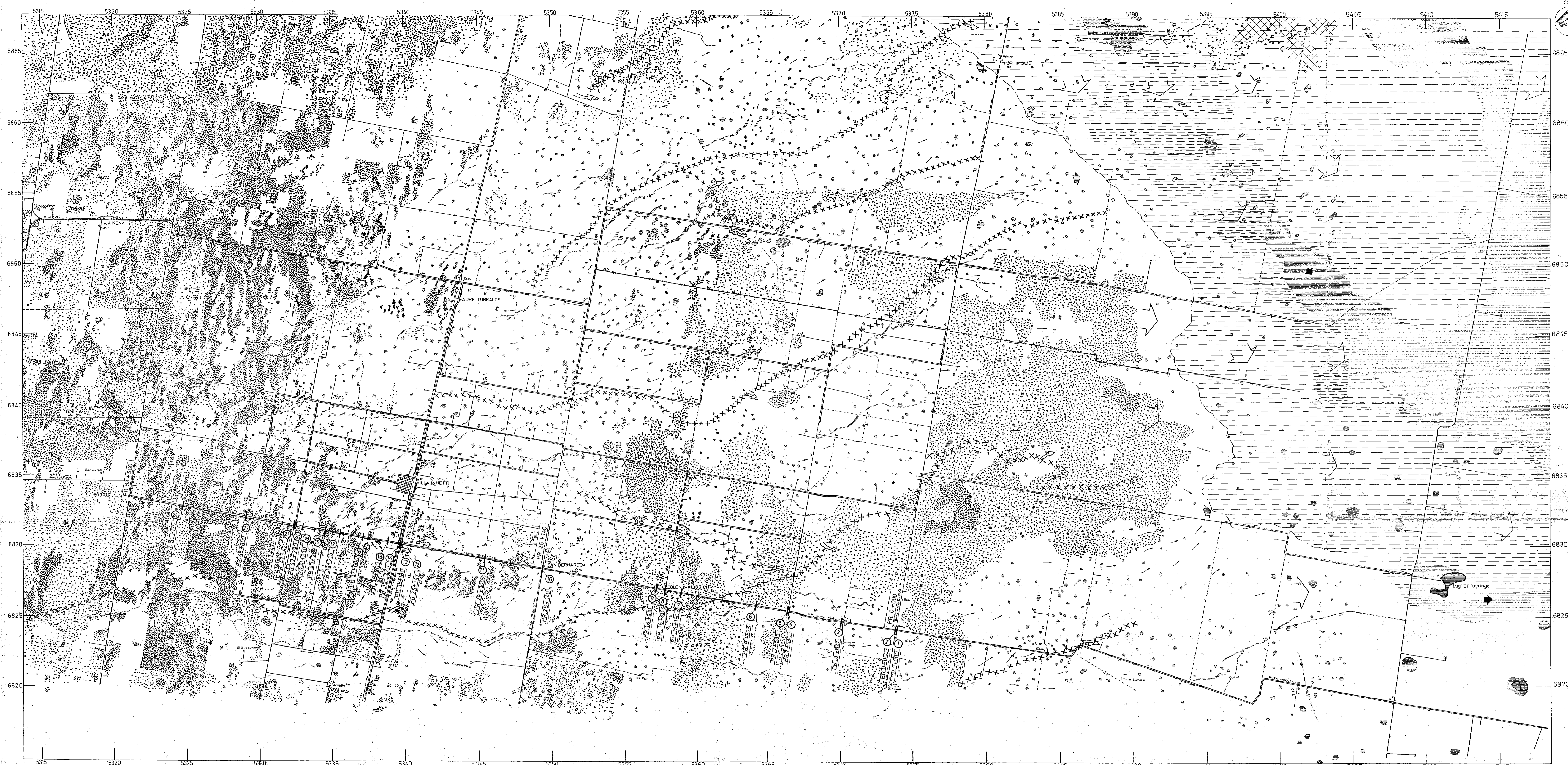
TRAMO	DISTANCIA (m)	COTA 1	COTA 2	i	h (m)	Bf (m)	V (m/Seg.)	Q (m3/s)
0+000 - 5+000	5000	66.03	66.90	0.000174	1.00	3.00	0.37	1.49
7+000 - 15+000	8000	67.05	68.93	0.000235	1.50	2.00	0.50	2.61
18+400 - 31500	13100	69.74	72.65	0.000222	1.00	2.00-3.00-4.00		1.18-1.69-2.20
31+500 - 34+700	3200	72.65	73.92	0.000397	0.95	2.00	0.51	1.44
37+700 - 42+200	4500	74.51	75.56	0.000233	1.25	2.00	0.45	1.83
42+900 - 45+700	2800	76.34	76.47	0.000046	0.50	2.00	0.13	0.16
45+700 - 48+500	2800	76.47	77.80	0.000475	0.50	1.50	0.39	0.39
48+500 - 51+700	3200	77.80	78.90	0.000344	0.50	2.00	0.35	0.43

DETALLE DE ALCANTARILLADO SOBRE CANAL
CANAL RUTA 32 TRAMO: RUTA PROVINCIAL Nº 77 - RUTA INTERPROVINCIAL 35

Nº	PROGRESIVA	DIMENSIONES	Nº de Luces	TIPO	ESTADO	ANCHO-CALZ. (m)	COTA DE DESAGÜE	CONDICION	DIRECCION			OBSERVACIONES
									E	S	N	
RUTA PROVINCIAL Nº 77												
1	0+000											
1	0+000	Diametro 1.00 m	2	Tubo Hº A	B	9	66.18 - 66.01					Sobre Canal
2	0+000	Diametro 0.80 m	2	Tubo Hº A	B	9.00	65.58 - 65.60					Costado del Canal al Sur
3	3+877	L=4.20 m H=1.60 m	2	Mamposteria y Losa	B	6.00	66.74	No Tapada				Entrada a vivienda
4	7+530											Entrada a vivienda
5	7+535	Diametro 0.80 m	3	Palos	P	2.00	67.31					Camino Vecinal
6	9+875	Diametro 0.80 m	3	Tubo Hº A	R	7.50	67.31	No Tapada				Entrada a vivienda (Ferro)
7	15+160	Diametro 0.80 m	2	Tubo Hº A	R	6.00	67.80	No Tapada				Entrada a vivienda (La Humilde)
8	16+336	L=3.20 m H=1.60 m	2	Mamposteria y Losa	B	7.00	68.20	No Tapada				Camino Vecinal
9	16+910	Diametro 0.80 m	3	Tubo Hº A	B	6.90	69.95	No Tapada				Entrada a vivienda
	18+000		1	Palos	P		70.15	No Tapada				Entrada a vivienda
	18+000		1	Palos	P		70.08	No Tapada				Entrada a vivienda
RUTA NACIONAL Nº 95												
10	25+140	L=6.10 m H=2.10 m	3	Hº A	B	13.7	71.08	No Tapada				Ruta Nac. Nº 95
11	29+300	Diametro 0.80 m	3	Tubo Hº A	B	10.00		No Tapada				Entrada a vivienda (La Carne)
	33+760											Cam. Vecinal No Transitable s/Aic.
	35+100											Entrada a vivienda s/Aic.
RUTA PROVINCIAL Nº 91												
12	35+147	Diametro 0.80 m	3	Tubo Hº A	B	11.5	74.15 - 74.3	No Tapada				Ruta Prov. Nº 91
13	35+180	H=1.25 m L=1.40 m	1	Durmientes	B	2.10	74.25	No Tapada				FF. CC. Gral Belgrano
14	35+220	Diametro 0.80 m	3	Tubo Hº A	B	8.80	74.01	No Tapada				Camino Vecinal
15	35+900	Diametro 0.80 m	2	Tubo Hº A	B	7.60	74.13	No Tapada				Entrada a vivienda
16	37+600	H=0.80 m L=1.40 m	1	Mampos. y Durm.	B	5.70	74.67	No Tapada				Entrada a vivienda
17	39+215	Diametro 0.80 m	1	Tubo Hº A	B	6.20	75.24	60 % Tapada				Camino Vecinal
18	40+289	Diametro 0.80 m	2	Tubo Hº A	B	8.50	75.29	No Tapada				Entrada a vivienda
19	41+830	Diametro 0.80 m	1	Tubo Hº A	R	4.20	76.35	70% Tapada				Camino Vecinal
20	42+360	L=0.75 m H=0.80 m	1	Mampos. Revocada	B	2.40	76.4	No Tapada				Escuela
21	42+420	L=0.80 m H=0.80 m	1	Mampos. Revocada	B	1.50	76.44	No Tapada				Escuela
22	42+434	Diametro 0.80 m	1	Tubo Hº A	B	7.00	76.33	50% Tapada				Camino Vecinal (Escuela)
	42+700											Entrada a vivienda sin Aic.
23	45+800	Diametro 0.80 m	1	Tubo Hº A	B	7.40	76.17	No Tapada				Entrada a vivienda
	46+047											P.F. 46 y Ent. s/Aic. Camino Vecinal Al Norte
	47+950											Entrada "El Deslinde" s/Aic.
24	50+275	Diametro 0.80 m	1	Tubo Hº A	B	7.00	76.20	No Tapada				Cabez. Mamposteria
	53+500											
RUTAS INTERPROVINCIAL Nº 35												

L = total de luces

CONSEJO FEDERAL DE INVERSIONES
BIBLIOTECA



FISONOMIA VEGETAL

- MONTE CERRADO...
- MONTE RALO RENOVAL...
- PARQUE...
- PALMAR...

SIMBOLOGIA CARTOGRAFICA

- AREA URBANIZADA...
- CASA CASERIO...
- CAMINO PAVIMENTADO...
- CAMINO DE TIERRA...
- CAMINO DE SERVICIO HUELLA...

SIMBOLOGIA ESCURRIMIENTO

- VIA FERREA
- CANALIZACION...
- LIMITE INTERPROVINCIAL...
- LIMITE INTERDEPARTAMENTAL...
- SENTIDO LINEA ESCURRIMIENTO...
- SENTIDO ESCURRIMIENTO LAMINAR...

SIMBOLOGIA MORFOLOGICA

- SENTIDO TRASMASAMIENTO PARA ESTADO CRITICO...
- SENTIDO CONCENTRACION FLUJO...
- SENTIDO LINEA ESCURRIMIENTO FORZADO...
- LINEA DE MAXIMA INDEPENDENCIA...
- LINEA EJE DE ESCURRIMIENTO...
- AREA DE ESCURRIMIENTO DE LA CAÑADA...

AREA DE INUNDACION DE LA CAÑADA

- AREA DE INUNDACION DE LA CAÑADA
- VIA DE ESCURRIMIENTO DE FUNCIONAMIENTO ESPORADICO...
- VIA DE ESCURRIMIENTO NO FUNCIONAL...
- AREA DE INUNDACION PERIODICA...
- ESPEJO DE AGUA...
- AREA DE FRIMIDA ESTERO...
- AREA DE CONDICIONAMIENTO AL ESCURRIMIENTO...

ESCALA GRAFICA 1:80,000
0 1 2 3 4 5 6 7 KM.

CONVENIO CONSEJO FEDERAL DE INVERSIONES
PROVINCIA DE SANTA FE

ANALISIS Y SISTEMATIZACION DE LA INFORMACION TOPOGRAFICA
SUBPROYECTO
VILLA MINETTI - SAN BERNARDO - EL NOCHERO

RUTA PROVINCIAL N° 32

TRAMO: RUTA PROVINCIAL N° 77 - RUTA INTERPROVINCIAL N° 35

PLANO N° 2