Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
23+920.00	1.41438	1.61423	1.35021	1.73564	20	27.0042	34.71
23+940.00	1.28604	1.85705	1.50234	1.805135	20	30.0468	36.10
23+960.00	1.71864	1.75322	1.775255	1.766005	20	35.5051	35.32
23+980.00	1.83187	1.77879	3.131405	3.16472	20	62.6281	63.29
24+000.00	4.43094	4.55065					
24+000.00	2.24239	2.24113	2.188805	2.14352	20	43.7761	42.87
24+020.00	2.13522	2.04591	2.30939	2.176515	20	46.1878	43.53
24+040.00	2.48356	2.30712	2.74172	2.45305	20	54.8344	49.06
24+060.00	2.99988	2.59898	2.90507	2.406705	20	58.1014	48.13
24+080.00	2.81026	2.21443	2.60783	2.25313	20	52.1566	45.06
24+100.00	2.4054	2.29183	2.323265	2.403485	20	46.4653	48.07
24+120.00	2.24113	2.51514	2.32918	2.60708	20	46.5836	52.14
24+140.00	2.41723	2.69902	2.353165	2.69054	20	47.0633	53.81
24+160.00	2.2891	2.68206	2.190535	2.570145	20	43.8107	51.40
24+180.00	2.09197	2.45823	1.90713	2.358275	20	38.1426	47.17
24+200.00	1.72229	2.25832	1.61518	2.244355	20	32.3036	44.89
24+220.00	1.50807	2.23039	1.6158	2.11846	20	32.316	42.37
24+240.00	1.72353	2.00653	1.84557	1.969165	20	36.9114	39.38
24+260.00	1.96761	1.9318	1.939985	1.90715	20	38.7997	38.14
24+280.00	1.91236	1.8825	2.034285	1.621705	20	40.6857	32.43
24+300.00	2.15621	1.36091	1.874315	1.42719	20	37.4863	28.54
24+320.00	1.59242	1.49347	1.52428	1.53009	20	30.4856	30.60
24+340.00	1.45614	1.56671	0.72807	0.783355	20	14.5614	15.67
24+360.00			0.6445	0.71715	20	12.89	14.34
24+380.00	1.289	1.4343	1.293085	1.45944	20	25.8617	29.19
24+400.00	1.29717	1.48458	1.33164	1.517095	20	26.6328	30.34
24+420.00	1.36611	1.54961	1.423515	1.521895	20	28.4703	30.44
24+440.00	1.48092	1.49418	1.501305	1.493715	20	30.0261	29.87
24+460.00	1.52169	1.49325	1.543655	1.41637	20	30.8731	28.33
24+480.00	1.56562	1.33949	1.592355	1.3871	20	31.8471	27.74
24+500.00	1.61909	1.43471	1.57702	1.457325	20	31.5404	29.15
24+520.00	1.53495	1.47994	1.629815	1.54729	20	32.5963	30.95
24+540.00	1.72468	1.61464	1.651995	1.52716	20	33.0399	30.54
24+560.00	1.57931	1.43968	1.616835	1.507085	20	32.3367	30.14
24+580.00	1.65436	1.57449	1.65345	1.645185	20	33.069	32.90
24+600.00	1.65254	1.71588	1.682335	1.64646	20	33.6467	32.93
24+620.00	1.71213	1.57704	1.33905	1.51331	20	26.781	30.27
24+640.00	0.96597	1.44958	1.413085	1.33917	20	28.2617	26.78
24+660.00	1.8602	1.22876	1.660125	1.205135	20	33.2025	24.10
24+680.00	1.46005	1.18151	1.576695	1.2087	20	31.5339	24.17
24+700.00	1.69334	1.23589	1.647565	1.072	20	32.9513	21.44
24+720.00	1.60179	0.90811	1.492095	0.907245	20	29.8419	18.14
24+740.00	1.3824	0.90638	1.31007	1.00169	20	26.2014	20.03
24+760.00	1.23774	1.097	1.24759	1.01915	20	24.9518	20.38
24+780.00	1.25744	0.9413	1.22822	0.765645	20	24.5644	15.31
24+800.00	1.199	0.58999	1.180435	0.783345	20	23.6087	15.67
24+820.00	1.16187	0.9767	1.14021	0.86759	20	22.8042	17.35
24+840.00	1.11855	0.75848	1.198615	0.743925	20	23.9723	14.88
24+860.00	1.27868	0.72937	1.275615	0.715245	20	25.5123	14.30
24+880.00	1.27255	0.70112	1.509075	0.788555	20	30.1815	15.77
24+900.00	1.7456	0.87599	1.981705	1.790905	20	39.6341	35.82
24+920.00	2.21781	2.70582	2.388285	2.077905	20	47.7657	41.56
24+940.00	2.55876	1.44999	2.628115	1.583335	20	52.5623	31.67
24+960.00	2.69747	1.71668	2.84195	1.91558	20	56.839	38.31
24+980.00	2.98643	2.11448	3.169955	2.521375	20	63.3991	50.43
25+000.00	3.35348	2.92827	3.374805	2.937195	20	67.4961	58.74
25+020.00	3.39613	2.94612	3.50328	3.232625	20	70.0656	64.65
25+040.00	3.61043	3.51913	3.781345	3.764825	20	75.6269	75.30
25+060.00	3.95226	4.01052	4.00188	4.10434	20	80.0376	82.09
25+080.00	4.0515	4.19816	4.31957	4.424525	20	86.3914	88.49
25+100.00	4.58764	4.65089	4.649305	4.66039	20	92.9861	93.21
25+120.00	4.71097	4.66989	4.777325	4.642995	20	95.5465	92.86
25+140.00	4.84368	4.6161	4.833655	4.820525	20	96.6731	96.41
25+160.00	4.82363	5.02495	4.83827	5.182605	20	96.7654	103.65
25+180.00	4.85291	5.34026	4.86414	5.33868	20	97.2828	106.77
25+200.00	4.87537	5.3371	4.9838	5.32129	20	99.676	106.43
25+220.00	5.09223	5.30548	5.084995	5.049355	20	101.6999	100.99
25+240.00	5.07776	4.79323	4.46395	4.164795	20	89.279	83.30
25+260.00	3.85014	3.53636	3.87069	3.679585	20	77.4138	73.59
25+280.00	3.89124	3.82281	4.065985	3.93	20	81.3197	78.60

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
25+300.00	4.24073	4.03719	5.41663	4.951195	20	108.3326	99.02
25+320.00	6.59253	5.8652	6.228865	5.817765	20	124.5773	116.36
25+340.00	5.8652	5.77033	5.49996	5.484145	20	109.9992	109.68
25+360.00	5.13472	5.19796	4.857575	5.04446	20	97.1515	100.89
25+380.00	4.58043	4.89096	4.4945	4.83223	20	89.89	96.64
25+400.00	4.40857	4.7735	4.201495	4.611245	20	84.0299	92.22
25+420.00	3.99442	4.44899	3.83421	4.476165	20	76.6842	89.52
25+440.00	3.674	4.50334	3.520535	4.07119	20	70.4107	81.42
25+460.00	3.36707	3.63904	3.25639	4.382135	20	65.1278	87.64
25+480.00	3.14571	5.12523	2.812015	4.050185	20	56.2403	81.00
25+500.00	2.47832	2.97514	2.015965	2.28634	20	40.3193	45.73
25+520.00	1.55361	1.59754	1.445515	1.271835	20	28.9103	25.44
25+540.00	1.33742	0.94613	1.21714	0.974295	20	24.3428	19.49
25+560.00	1.09686	1.00246	1.104935	1.001935	20	22.0987	20.04
25+580.00	1.11301	1.00141	0.846225	0.954505	20	16.9245	19.09
25+600.00	0.57944	0.9076	0.742215	0.940105	20	14.8443	18.80
25+620.00	0.90499	0.97261	0.99924	1.04546	20	19.9848	20.91
25+640.00	1.09349	1.11831	1.098725	1.1074	20	21.9745	22.15
25+660.00	1.10396	1.09649	1.20859	1.30893	20	24.1718	26.18
25+680.00	1.31322	1.52137	1.365005	1.52475	20	27.3001	30.50
25+700.00	1.41679	1.52813	1.523535	1.731485	20	30.4707	34.63
25+720.00	1.63028	1.93484	1.729545	2.08094	20	34.5909	41.62
25+740.00	1.82881	2.22704	2.07615	2.365945	20	41.523	47.32
25+760.00	2.32349	2.50485	2.409465	2.444685	20	48.1893	48.89
25+780.00	2.49544	2.38452	2.43477	2.60001	20	48.6954	52.00
25+800.00	2.3741	2.8155	2.40063	2.787675	20	48.0126	55.75
25+820.00	2.42716	2.75985	2.47334	2.758265	20	49.4668	55.17
25+840.00	2.51952	2.75668	2.3716	2.76535	20	47.432	55.31
25+860.00	2.22368	2.77402	2.25124	2.71211	20	45.0248	54.24
25+880.00	2.2788	2.6502	2.26837	2.67387	20	45.3674	53.48
25+900.00	2.25794	2.69754	2.29665	2.52743	20	45.933	50.55
25+920.00	2.33536	2.35732	2.45727	2.448945	20	49.1454	48.98
25+940.00	2.57918	2.54057	2.583445	2.646545	20	51.6689	52.93
25+960.00	2.58771	2.75252	2.62405	2.91892	20	52.481	58.38
25+980.00	2.66039	3.08532	3.09469	3.562875	20	61.8938	71.26
26+000.00	3.52899	4.04043	3.699775	4.03249	20	73.9955	80.65
26+020.00	3.87056	4.02455	3.81289	4.18909	20	76.2578	83.78
26+040.00	3.75522	4.35363	3.79112	4.301745	20	75.8224	86.03
26+060.00	3.82702	4.24986	3.862	4.217455	20	77.24	84.35
26+080.00	3.89698	4.18505	3.96546	4.400955	20	79.3092	88.02
26+100.00	4.03394	4.61686	4.437045	4.66793	20	88.7409	93.36
26+120.00	4.84015	4.719	4.797425	5.090505	20	95.9485	101.81
26+140.00	4.7547	5.46201	4.165255	5.004645	20	83.3051	100.09
26+160.00	3.57581	4.54728	4.272165	5.032645	20	85.4433	100.65
26+180.00	4.96852	5.51801	5.023505	5.745365	20	100.4701	114.91
26+200.00	5.07849	5.97272	5.028645	5.80962	20	100.5729	116.19
26+220.00	4.9788	5.64652	4.856945	5.84352	20	97.1389	116.87
26+240.00	4.73509	6.04052	4.490945	5.57519	20	89.8189	111.50
26+260.00	4.2468	5.10986	4.267025	5.273565	20	85.3405	105.47
26+280.00	4.28725	5.43727	4.437415	5.205895	20	88.7483	104.12
26+300.00	4.58758	4.97452	4.62663	5.37247	20	92.5326	107.45
26+320.00	4.66568	5.77042	4.662705	5.413305	20	93.2541	108.27
26+340.00	4.65973	5.05619	4.761785	5.092315	20	95.2357	101.85
26+360.00	4.86384	5.12844	5.155425	5.095555	20	103.1085	101.91
26+380.00	5.44701	5.06267	5.402835	5.13154	20	108.0567	102.63
26+400.00	5.35866	5.20041	4.63714	4.621065	20	92.7428	92.42
26+420.00	3.91562	4.04172	4.01227	4.018925	20	80.2454	80.38
26+440.00	4.10892	3.99613	4.035185	4.054845	20	80.7037	81.10
26+460.00	3.96145	4.11356	4.168925	4.193895	20	83.3785	83.88
26+480.00	4.3764	4.27423	4.421945	4.325665	20	88.4389	86.51
26+500.00	4.46749	4.3771	4.52038	4.459585	20	90.4076	89.19
26+520.00	4.57327	4.54207	4.696235	4.504745	20	93.9247	90.09
26+540.00	4.8192	4.46742	4.93289	4.506565	20	98.6578	90.13
26+560.00	5.04658	4.54571	5.24541	4.47706	20	104.9082	89.54
26+580.00	5.44424	4.40841	5.790835	4.811145	20	115.8167	96.22
26+600.00	6.13743	5.21388	6.30184	5.43225	20	126.0368	108.65
26+620.00	6.46625	5.65062	9.106645	7.275805	20	182.1329	104.55
26+640.00	11.74704	8.90099	6.671585	5.216935	20	133.4317	104.34
26+660.00	1.59613	1.53288	5.628035	6.63996	20	112.5607	132.80
26+680.00	9.65994	11.74704	9.059105	10.909035	20	181.1821	218.18

106 (Ciento Seis)

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
26+700.00	8.45827	10.07103	6.90028	8.394915	20	138.0056	167.90
26+720.00	5.34229	6.7188	4.99463	7.04303	20	99.8926	140.86
26+740.00	4.64697	7.36726	4.4	6.21128	20	88	124.23
26+760.00	4.15303	5.0553	4.58031	5.286325	20	91.6062	105.73
26+780.00	5.00759	5.51735	4.88674	5.483585	20	97.7348	109.67
26+800.00	4.76589	5.44982	4.633535	5.3222	20	92.6707	106.44
26+820.00	4.50118	5.19458	4.448605	5.19527	20	88.9721	103.91
26+840.00	4.39603	5.19596	4.45926	5.275015	20	89.1852	105.50
26+860.00	4.52249	5.35407	4.30355	5.05135	20	86.071	101.03
26+880.00	4.08461	4.74863	4.159175	4.70406	20	83.1835	94.08
26+900.00	4.23374	4.65949	3.99071	4.443085	20	79.8142	88.86
26+920.00	3.74768	4.22668	3.74991	4.198195	20	74.9982	83.96
26+940.00	3.75214	4.16971	3.805635	4.05628	20	76.1127	81.13
26+960.00	3.85913	3.94285	3.722455	3.99952	20	74.4491	79.99
26+980.00	3.58578	4.05619	3.8814	4.25551	20	77.628	85.11
27+000.00	4.17702	4.45483	4.056115	5.465175	20	81.1223	109.30
27+020.00	3.93521	6.47552	3.870965	6.284205	20	77.4193	125.68
27+040.00	3.80672	6.09289	3.788285	6.850255	20	75.7657	137.01
27+060.00	3.76985	7.60762	3.899285	6.325995	20	77.9857	126.52
27+080.00	4.02872	5.04437	4.103885	4.670605	20	82.0777	93.41
27+100.00	4.17905	4.29684	4.328285	4.287405	20	86.5657	85.75
27+120.00	4.47752	4.27797	4.39916	4.749035	20	87.9832	94.98
27+140.00	4.3208	5.2201	4.70562	5.37663	20	94.1124	107.53
27+160.00	5.09044	5.53316	4.969335	6.164035	20	99.3867	123.28
27+180.00	4.84823	6.79491	4.85096	6.175105	20	97.0192	123.50
27+200.00	4.85369	5.5553	5.079095	5.42035	20	101.5819	108.41
27+220.00	5.3045	5.2854	5.28814	5.24326	20	105.7628	104.87
27+240.00	5.27178	5.20112	5.14333	5.122625	20	102.8666	102.45
27+260.00	5.01488	5.04413	5.12065	5.135275	20	102.413	102.71
27+280.00	5.22642	5.22642	5.286505	5.029125	20	105.7301	100.58
27+300.00	5.34659	4.83183	4.646785	4.598525	20	92.9357	91.97
27+320.00	3.94698	4.36522	3.847225	4.367215	20	76.9445	87.34
27+340.00	3.74747	4.36921	3.78059	4.268135	20	75.6118	85.36
27+360.00	3.81371	4.16706	3.83069	4.12527	20	76.6138	82.51
27+380.00	3.84767	4.08348	3.85318	4.264985	20	77.0636	85.30
27+400.00	3.85869	4.44649	3.790625	4.224665	20	75.8125	84.49
27+420.00	3.72256	4.00284	3.544805	3.84454	20	70.8961	76.89
27+440.00	3.36705	3.68624	3.984475	3.390135	20	79.6895	67.80
27+460.00	4.6019	3.09403	4.530175	3.03103	20	90.6035	60.62
27+480.00	4.45845	2.96803	3.628475	2.690345	20	72.5695	53.81
27+500.00	2.7985	2.41266	2.743155	2.425585	20	54.8631	48.51
27+520.00	2.68781	2.43851	2.755	2.45303	20	55.1	49.06
27+540.00	2.82219	2.46755	2.87964	2.520915	20	57.5928	50.42
27+560.00	2.93709	2.57428	2.937265	2.695655	20	58.7453	53.91
27+580.00	2.93744	2.81703	2.92509	2.675195	20	58.5018	53.50
27+600.00	2.91274	2.53336	2.89559	2.720665	20	57.9118	54.41
27+620.00	2.87844	2.90797	2.978	2.890655	20	59.56	57.81
27+640.00	3.07756	2.87334	3.005415	2.93016	20	60.1083	58.60
27+660.00	2.93327	2.98698	3.03782	3.032145	20	60.7564	60.64
27+680.00	3.14237	3.07731	3.51288	3.00022	20	70.2576	60.00
27+700.00	3.88339	2.92313	5.541535	3.11953	20	110.8307	62.39
27+720.00	7.19968	3.31593	5.7561	3.30503	20	115.122	66.10
27+740.00	4.31252	3.29413	4.235045	3.203595	20	84.7009	64.07
27+760.00	4.15757	3.11306	3.512175	3.062915	20	70.2435	61.26
27+780.00	2.86678	3.01277	3.18772	3.19622	20	63.7544	63.92
27+800.00	3.50866	3.37967	4.049135	3.33652	20	80.9827	66.73
27+820.00	4.58961	3.29337	4.57674	3.350795	20	91.5348	67.02
27+840.00	4.56387	3.40822	4.38057	3.559955	20	87.6114	71.20
27+860.00	4.19727	3.71169	4.259015	3.632635	20	85.1803	72.65
27+880.00	4.32076	3.55358	4.37517	3.67268	20	87.5034	73.45
27+900.00	4.42958	3.79178	4.4191	4.026955	80	353.528	322.16
27+980.00	4.40862	4.26213	4.69802	4.38858	20	93.9604	87.77
28+000.00	4.98742	4.51503	6.34021	4.47852	20	126.8042	89.57
28+020.00	7.693	4.44201	6.341155	4.41595	20	126.8231	88.32
28+040.00	4.98931	4.38989	4.92295	4.531455	20	98.459	90.63
28+060.00	4.85659	4.67302	5.320795	4.713705	20	106.4159	94.27
28+080.00	5.785	4.75439	6.15599	4.77304	20	123.1198	95.46
28+100.00	6.52698	4.79169	6.37452	4.855585	20	127.4904	97.11
28+120.00	6.22206	4.91948	5.972725	4.90197	20	119.4545	98.04
28+140.00	5.72339	4.88446	5.641815	4.84157	20	112.8363	96.83

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
28+160.00	5.56024	4.79868	5.165455	5.01537	20	103.3091	100.31
28+180.00	4.77067	5.23206	4.894375	4.788075	20	97.8875	95.76
28+200.00	5.01808	4.34409	4.769615	4.757865	20	95.3923	95.16
28+220.00	4.52115	5.17164	4.66132	4.702495	20	93.2264	94.05
28+240.00	4.80149	4.23335	4.4411	4.14882	20	88.822	82.98
28+260.00	4.08071	4.06429	3.942365	4.099445	20	78.8473	81.99
28+280.00	3.80402	4.1346	4.45398	3.811235	20	89.0796	76.22
28+300.00	5.10394	3.48787	4.959555	3.437065	20	99.1911	68.74
28+320.00	4.81517	3.38626	4.277065	2.896895	20	85.5413	57.94
28+340.00	3.73896	2.40753	3.64504	2.26917	20	72.9008	45.38
28+360.00	3.55112	2.13081	3.8925	2.314105	20	77.85	46.28
28+380.00	4.23388	2.4974	4.21267	2.676355	20	84.2534	53.53
28+400.00	4.19146	2.85531	4.038085	2.24441	20	80.7617	44.89
28+420.00	3.88471	1.63351	3.88619	1.74709	20	77.7238	34.94
28+440.00	3.88767	1.86067	3.82285	1.793355	20	76.457	35.87
28+460.00	3.75803	1.72604	3.37307	1.583455	20	67.4614	31.67
28+480.00	2.98811	1.44087	2.422845	1.63408	20	48.4569	32.68
28+500.00	1.85758	1.82729	2.10723	1.57675	20	42.1446	31.54
28+520.00	2.35688	1.32621	2.39849	1.32037	20	47.9698	26.41
28+540.00	2.4401	1.31453	2.20198	1.42717	20	44.0396	28.54
28+560.00	1.96386	1.53981	2.08263	1.515465	20	41.6526	30.31
28+580.00	2.2014	1.49112	2.09719	1.719665	20	41.9438	34.39
28+600.00	1.99298	1.94821	1.96774	2.272765	20	39.3548	45.46
28+620.00	1.9425	2.59732	1.934615	2.781355	20	38.6923	55.63
28+640.00	1.92673	2.96539	1.80462	2.50278	20	36.0924	50.06
28+660.00	1.68251	2.04017	1.69156	2.081235	20	33.8312	41.62
28+680.00	1.70061	2.1223	1.81133	1.975745	20	36.2266	39.51
28+700.00	1.92205	1.82919	1.222615	1.98884	20	24.4523	39.78
28+720.00	0.52318	2.14849	1.212525	2.20525	20	24.2505	44.11
28+740.00	1.90187	2.26201	1.85702	2.29823	20	37.1404	45.96
28+760.00	1.81217	2.33445	1.785375	2.2852	20	35.7075	45.70
28+780.00	1.75858	2.23595	1.719565	2.21393	20	34.3913	44.28
28+800.00	1.68055	2.19191	1.582725	2.09735	20	31.6545	41.95
28+820.00	1.4849	2.00279	1.5134	2.172305	20	30.268	43.45
28+840.00	1.5419	2.34182	1.508685	2.226855	20	30.1737	44.54
28+860.00	1.47547	2.11189	1.569575	2.092795	20	31.3915	41.86
28+880.00	1.66368	2.0737	2.27304	1.91499	20	45.4608	38.30
28+900.00	2.8824	1.75628	2.34349	2.00992	20	46.8698	40.20
28+920.00	1.80458	2.26356	1.79773	2.039185	20	35.9546	40.78
28+940.00	1.79088	1.81481	1.84365	1.85145	20	36.873	37.03
28+960.00	1.89642	1.88809	1.82391	2.102085	20	36.4782	42.04
28+980.00	1.7514	2.31608	1.681345	2.25224	20	33.6269	45.04
29+000.00	1.61129	2.1884	1.70555	2.17603	20	34.111	43.52
29+020.00	1.79981	2.16366	1.83851	2.51804	20	36.7702	50.36
29+040.00	1.87721	2.87242	1.89679	2.82825	20	37.9358	56.57
29+060.00	1.91637	2.78408	2.1413	2.92665	20	42.826	58.53
29+080.00	2.36623	3.06922	2.314425	3.204085	20	46.2885	64.08
29+100.00	2.26262	3.33895	2.41817	3.62578	20	48.3634	72.52
29+120.00	2.57372	3.91261	2.560515	3.707545	20	51.2103	74.15
29+140.00	2.54731	3.50248	3.152485	3.7645	20	63.0497	75.29
29+160.00	3.75766	4.02652	4.178975	4.20756	20	83.5795	84.15
29+180.00	4.60029	4.3886	4.59575	5.285015	20	91.915	105.70
29+200.00	4.59121	6.18143	4.9436	6.908755	20	98.872	138.18
29+220.00	5.29599	7.63608	5.232745	7.98393	20	104.6549	159.68
29+240.00	5.1695	8.33178	6.687395	8.7745	20	133.7479	175.49
29+260.00	8.20529	9.21722	8.45827	9.45439	20	169.1654	189.09
29+280.00	8.71125	9.69156	7.620265	8.69544	20	152.4053	173.91
29+300.00	6.52928	7.69932	6.323735	7.383095	20	126.4747	147.66
29+320.00	6.11819	7.06687	5.81777	6.924565	20	116.3554	138.49
29+340.00	5.51735	6.78226	5.659655	6.52928	20	113.1931	130.59
29+360.00	5.80196	6.2763	5.327615	6.133995	20	106.5523	122.68
29+380.00	4.85327	5.99169	4.663535	5.88101	20	93.2707	117.62
29+400.00	4.4738	5.77033	4.45799	5.659655	20	89.1598	113.19
29+420.00	4.44218	5.54898	4.45655	5.35924	20	89.131	107.18
29+440.00	4.47092	5.1695	4.301455	4.94814	20	86.0291	98.96
29+460.00	4.13199	4.72678	3.831145	5.090445	20	76.6229	101.81
29+480.00	3.5303	5.45411	3.511895	5.327615	20	70.2379	106.55
29+500.00	3.49349	5.20112	3.65843	4.785225	20	73.1686	95.70
29+520.00	3.82337	4.36933	3.90112	4.48481	20	78.0224	89.70
29+540.00	3.97887	4.60029	4.043745	4.439245	20	80.8749	88.78

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
29+560.00	4.10862	4.2782	3.733	4.13725	20	74.66	82.75
29+580.00	3.35738	3.9963	3.478525	3.38438	20	69.5705	67.69
29+600.00	3.59967	2.77246	3.408295	2.766585	20	68.1659	55.33
29+620.00	3.21692	2.76071	2.924155	2.666825	20	58.4831	53.34
29+640.00	2.63139	2.57294	2.50903	2.47109	20	50.1806	49.42
29+660.00	2.38667	2.36924	2.30983	2.287505	20	46.1966	45.75
29+680.00	2.23299	2.20577	2.251435	2.16304	20	45.0287	43.26
29+700.00	2.26988	2.12031	2.22251	2.03826	20	44.4502	40.77
29+720.00	2.17514	1.95621	2.00123	2.028265	20	40.0246	40.57
29+740.00	1.82732	2.10032	1.91341	1.964405	20	38.2682	39.29
29+760.00	1.9995	1.82849	1.867985	1.850525	20	37.3597	37.01
29+780.00	1.73647	1.87256	1.9704	1.98063	20	39.408	39.61
29+800.00	2.20433	2.0887	2.322525	2.103095	20	46.4505	42.06
29+820.00	2.44072	2.11749	2.25099	2.082145	20	45.0198	41.64
29+840.00	2.06126	2.0468	2.05373	1.97425	20	41.0746	39.49
29+860.00	2.0462	1.9017	2.01515	1.864605	20	40.303	37.29
29+880.00	1.9841	1.82751	1.946635	1.84126	20	38.9327	36.83
29+900.00	1.90917	1.85501	1.966695	1.811615	20	39.3339	36.23
29+920.00	2.02422	1.76822	2.07402	1.718385	20	41.4804	34.37
29+940.00	2.12382	1.66855	2.007115	1.659775	20	40.1423	33.20
29+960.00	1.89041	1.651	1.850765	1.695965	20	37.0153	33.92
29+980.00	1.81112	1.74093	1.87767	1.70128	20	37.5534	34.03
30+000.00	1.94422	1.66163	1.946665	1.505565	20	38.9333	30.11
30+020.00	1.94911	1.3495	1.854845	1.29797	20	37.0969	25.96
30+040.00	1.76058	1.24644	1.81664	1.341715	20	36.3328	26.83
30+060.00	1.8727	1.43699	1.98843	1.46254	20	39.7686	29.25
30+080.00	2.10416	1.48809	2.309565	1.53704	20	46.1913	30.74
30+100.00	2.51497	1.58599	2.6253	1.52735	20	52.506	30.55
30+120.00	2.73563	1.46871	2.93484	1.82677	20	58.6968	36.54
30+140.00	3.13405	2.18483	3.270665	2.348685	20	65.4133	46.97
30+160.00	3.40728	2.51254	3.47903	2.718925	20	69.5806	54.38
30+180.00	3.55078	2.92531	3.558305	2.93308	20	71.1661	58.66
30+200.00	3.56583	2.94085	3.68973	2.964855	20	73.7946	59.30
30+220.00	3.81363	2.98886	4.031235	3.320235	20	80.6247	66.40
30+240.00	4.24884	3.65161	4.595895	3.825535	20	91.9179	76.51
30+260.00	4.94295	3.99946	4.443695	3.71232	20	88.8739	74.25
30+280.00	3.94444	3.42518	3.888535	3.416685	20	77.7707	68.33
30+300.00	3.83263	3.40819	4.87896	4.31889	20	97.5792	86.38
30+320.00	5.92529	5.22959	6.17827	5.292835	20	123.5654	105.86
30+340.00	6.43125	5.35608	6.824955	5.670725	20	136.4991	113.41
30+360.00	7.21866	5.98537	7.23447	6.66526	20	144.6894	133.31
30+380.00	7.25028	7.34515	7.629755	7.78787	20	152.5951	155.76
30+400.00	8.00923	8.23059	7.58074	8.24482	20	151.6148	164.90
30+420.00	7.15225	8.25905	5.93712	6.75277	20	118.7424	135.06
30+440.00	4.72199	5.24649	4.57665	5.043045	20	91.533	100.86
30+460.00	4.43131	4.8396	4.50957	4.61309	20	90.1914	92.26
30+480.00	4.58783	4.38658	5.09341	4.388935	20	101.8682	87.78
30+500.00	5.59899	4.39129	5.56783	4.352695	20	111.3566	87.05
30+520.00	5.53667	4.3141	5.51839	4.282245	20	110.3678	85.64
30+540.00	5.50011	4.25039	5.3	4.37327	20	106	87.47
30+560.00	5.09989	4.49615	5.05442	4.414695	20	101.0884	88.29
30+580.00	5.00895	4.33324	4.857235	4.44389	20	97.1447	88.88
30+600.00	4.70552	4.55454	4.635545	4.420175	20	92.7109	88.40
30+620.00	4.56557	4.28581	4.470725	4.261865	20	89.4145	85.24
30+640.00	4.37588	4.23792	4.58928	5.136945	20	91.7856	102.74
30+660.00	4.80268	6.03597	5.03985	5.46676	20	100.797	109.34
30+680.00	5.27702	4.89755	5.29283	5.197965	20	105.8566	103.96
30+700.00	5.30864	5.49838	5.164755	5.212195	20	103.2951	104.24
30+720.00	5.02087	4.92601	5.22642	5.020875	20	104.5284	100.42
30+740.00	5.43197	5.11574	4.647655	4.311245	20	92.9531	86.22
30+760.00	3.86334	3.50675	4.69509	4.184755	20	93.9018	83.70
30+780.00	5.52684	4.86276	5.20903	4.87699	20	104.1806	97.54
30+800.00	4.89122	4.89122	4.954465	4.907845	20	99.0893	98.16
30+820.00	5.01771	4.92447	4.87541	4.858155	20	97.5082	97.16
30+840.00	4.73311	4.79184	4.794775	4.67067	20	95.8955	93.41
30+860.00	4.85644	4.5495	4.77738	4.516445	20	95.5476	90.33
30+880.00	4.69832	4.48339	4.58764	4.52761	20	91.7528	90.55
30+900.00	4.47696	4.57183	4.36628	4.413715	20	87.3256	88.27
30+920.00	4.2556	4.2556	4.617685	3.97861	20	92.3537	79.57
30+940.00	4.97977	3.70162	4.758535	3.32654	20	95.1707	66.53

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
30+960.00	4.5373	2.95146	4.10295	2.6339	20	82.059	52.68
30+980.00	3.6686	2.31634	3.238095	1.87365	20	64.7619	37.47
31+000.00	2.80759	1.43096	2.42285	1.128815	20	48.457	22.58
31+020.00	2.03811	0.82667	2.282105	0.767285	20	45.6421	15.35
31+040.00	2.5261	0.7079	2.118115	0.671005	20	42.3623	13.42
31+060.00	1.71013	0.63411	1.61242	0.76622	20	32.2484	15.32
31+080.00	1.51471	0.89833	1.360815	0.725935	20	27.2163	14.52
31+100.00	1.20692	0.55354	1.31262	0.562955	20	26.2524	11.26
31+120.00	1.41832	0.57237	1.10283	0.784465	20	22.0566	15.69
31+140.00	0.78734	0.99656	0.95684	0.98367	20	19.1368	19.67
31+160.00	1.12634	0.97078	1.036435	1.087635	20	20.7287	21.75
31+180.00	0.94653	1.20449	1.04082	1.335125	20	20.8164	26.70
31+200.00	1.13511	1.46576	1.42096	1.597875	20	28.4192	31.96
31+220.00	1.70681	1.72999	1.95074	1.965885	20	39.0148	39.32
31+240.00	2.19467	2.20178	2.68554	2.57812	20	53.7108	51.56
31+260.00	3.17641	2.95446	3.41559	3.252055	20	68.3118	65.04
31+280.00	3.65477	3.54965	4.053215	4.17288	20	81.0643	83.46
31+300.00	4.45166	4.79611	4.818485	6.397925	20	96.3697	127.96
31+320.00	5.18531	7.99974	4.951305	7.684055	20	99.0261	153.68
31+340.00	4.7173	7.36837	4.673505	7.047245	20	93.4701	140.94
31+360.00	4.62971	6.72612	5.941755	8.63733	20	118.8351	172.75
31+380.00	7.2538	10.54854	8.20863	10.583325	20	164.1726	211.67
31+400.00	9.16346	10.61811	9.2773	10.28923	20	185.546	205.78
31+420.00	9.39114	9.96035	10.121625	10.327175	20	202.4325	206.54
31+440.00	10.85211	10.694	10.77622	10.80784	20	215.5244	216.16
31+460.00	10.70033	10.92168	10.782545	10.798355	20	215.6509	215.97
31+480.00	10.86476	10.67503	10.899545	10.77306	20	217.9909	215.46
31+500.00	10.93433	10.87109	10.00609	9.54962	20	200.1218	190.99
31+520.00	9.07785	8.22815	9.39314	8.532255	20	187.8628	170.65
31+540.00	9.70843	8.83636	8.36982	8.67089	20	167.3964	173.42
31+560.00	7.03121	8.50542	6.847505	7.515045	20	136.9501	150.30
31+580.00	6.6638	6.52467	6.68566	6.472095	20	133.7132	129.44
31+600.00	6.70752	6.41952	6.772135	6.251565	20	135.4427	125.03
31+620.00	6.83675	6.08361	6.53085	5.827655	20	130.617	116.55
31+640.00	6.22495	5.5717	5.964225	5.444205	20	119.2845	108.88
31+660.00	5.7035	5.31671	5.083545	4.89098	20	101.6709	97.82
31+680.00	4.46359	4.46525	3.93986	7.29479	20	78.7972	145.90
31+700.00	3.41613	10.12433	4.05	7.169645	20	81	143.39
31+720.00	4.68387	4.21496	4.214715	3.71563	20	84.2943	74.31
31+740.00	3.74556	3.2163	3.111185	2.741995	20	62.2237	54.84
31+760.00	2.47681	2.26769	2.395745	2.50118	20	47.9149	50.02
31+780.00	2.31468	2.73467	2.197305	3.01128	20	43.9461	60.23
31+800.00	2.07993	3.28789	2.09243	3.09605	20	41.8486	61.92
31+820.00	2.10493	2.90421	2.37096	2.78143	20	47.4192	55.63
31+840.00	2.63699	2.65865	3.080515	2.985555	20	61.6103	59.71
31+860.00	3.52404	3.31246	3.409145	3.44313	20	68.1829	68.86
31+880.00	3.29425	3.5738	3.48666	3.496205	20	69.7332	69.92
31+900.00	3.67907	3.41861	3.639965	3.25683	20	72.7993	65.14
31+920.00	3.60086	3.09505	3.71094	3.327715	20	74.2188	66.55
31+940.00	3.82102	3.56038	3.74103	3.419895	20	74.8206	68.40
31+960.00	3.66104	3.27941	3.681355	3.70268	20	73.6271	74.05
31+980.00	3.70167	4.12595	3.727235	3.896195	20	74.5447	77.92
32+000.00	3.7528	3.66644	3.65186	3.654375	20	73.0372	73.09
32+020.00	3.55092	3.64231	3.561295	3.479135	20	71.2259	69.58
32+040.00	3.57167	3.31596	3.25144	3.345195	20	65.0288	66.90
32+060.00	2.93121	3.37443	3.33646	3.29962	20	66.7292	65.99
32+080.00	3.74171	3.22481	3.240095	3.32202	20	64.8019	66.44
32+100.00	2.73848	3.41923	2.69209	3.38955	20	53.8418	67.79
32+120.00	2.6457	3.35987	3.02861	3.352855	20	60.5722	67.06
32+140.00	3.41152	3.34584	3.28373	3.83427	20	65.6746	76.69
32+160.00	3.15594	4.3227	3.46509	3.727355	20	69.3018	74.55
32+180.00	3.77424	3.13201	3.39986	3.12577	20	67.9972	62.52
32+200.00	3.02548	3.11953	3.0559	3.1231	20	61.118	62.46
32+220.00	3.08632	3.12667	3.09187	3.212595	20	61.8374	64.25
32+240.00	3.09742	3.29852	3.1242	3.14975	20	62.484	63.00
32+260.00	3.15098	3.00098	3.10175	3.22262	20	62.035	64.45
32+280.00	3.05252	3.44426	3.432585	3.429675	20	68.6517	68.59
32+300.00	3.81265	3.41509	3.430545	3.21076	20	68.6109	64.22
32+320.00	3.04844	3.00643	3.296265	2.883645	20	65.9253	57.67
32+340.00	3.54409	2.76086	4.037405	2.82847	20	80.7481	56.57

110(Ciento Diez)

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
32+360.00	4.53072	2.89608	3.913865	2.970435	20	78.2773	59.41
32+380.00	3.29701	3.04479	3.24629	2.936265	20	64.9258	58.73
32+400.00	3.19557	2.82774	3.4141	3.004225	20	68.282	60.08
32+420.00	3.63263	3.18071	3.43094	3.271985	20	68.6188	65.44
32+440.00	3.22925	3.36326	3.29497	3.458225	20	65.8994	69.16
32+460.00	3.36069	3.55319	3.10633	4.18742	20	62.1266	83.75
32+480.00	2.85197	4.82165	2.87548	4.57183	20	57.5096	91.44
32+500.00	2.89899	4.32201	3.126435	4.894385	20	62.5287	97.89
32+520.00	3.35388	5.46676	3.907515	5.213805	20	78.1503	104.28
32+540.00	4.46115	4.96085	4.19627	4.88707	20	83.9254	97.74
32+560.00	3.93139	4.81329	3.9338	5.07694	20	78.676	101.54
32+580.00	3.93621	5.34059	3.959725	5.239235	20	79.1945	104.78
32+600.00	3.98324	5.13788	3.616235	4.416675	20	72.3247	88.33
32+620.00	3.24923	3.69547	3.17652	3.72873	20	63.5304	74.57
32+640.00	3.10381	3.76199	3.1912	3.60405	20	63.824	72.08
32+660.00	3.27859	3.44611	3.32603	3.59482	20	66.5206	71.90
32+680.00	3.37347	3.74353	3.368945	4.08811	20	67.3789	81.76
32+700.00	3.36442	4.43269	3.24347	4.212865	20	64.8694	84.26
32+720.00	3.12252	3.99304	3.236545	3.780555	20	64.7309	75.61
32+740.00	3.35057	3.56807	3.384865	3.5762	20	67.6973	71.52
32+760.00	3.41916	3.58433	3.591025	3.416125	20	71.8205	68.32
32+780.00	3.76289	3.24792	3.48364	3.224475	20	69.6728	64.49
32+800.00	3.20439	3.20103	3.194335	3.26888	20	63.8867	65.38
32+820.00	3.18428	3.33673	3.3814	3.29331	20	67.628	65.87
32+840.00	3.57852	3.24989	3.44964	3.16983	20	68.9928	63.40
32+860.00	3.32076	3.08977	3.41852	3.141995	20	68.3704	62.84
32+880.00	3.51628	3.19422	3.332485	3.025775	20	66.6497	60.52
32+900.00	3.14869	2.85733	3.20993	3.085125	20	64.1986	61.70
32+920.00	3.27117	3.31292	3.300335	3.65896	20	66.0067	73.18
32+940.00	3.3295	4.005	3.40118	4.399095	20	68.0236	87.98
32+960.00	3.47286	4.79319	3.60967	5.186895	20	72.1934	103.74
32+980.00	3.74648	5.5806	3.96729	5.168085	20	79.3458	103.36
33+000.00	4.1881	4.75557	4.139635	4.834465	20	82.7927	96.69
33+020.00	4.09117	4.91336	4.88854	5.693885	20	97.7708	113.88
33+040.00	5.68591	6.47441	5.65234	6.593625	20	113.0468	131.87
33+060.00	5.61877	6.71284	5.422315	6.663505	20	108.4463	133.27
33+080.00	5.22586	6.61417	5.44168	6.64572	20	108.8336	132.91
33+100.00	5.6575	6.67727	5.48919	6.309965	20	109.7838	126.20
33+120.00	5.32088	5.94266	5.808745	5.95203	20	116.1749	119.04
33+140.00	6.29661	5.9614	6.043275	6.091815	20	120.8655	121.84
33+160.00	5.78994	6.22223	5.587055	6.334095	20	111.7411	126.68
33+180.00	5.38417	6.44596	5.857515	6.39455	20	117.1503	127.89
33+200.00	6.33086	6.34314	5.76457	6.261615	20	115.2914	125.23
33+220.00	5.19828	6.18009	5.405275	6.443585	20	108.1055	128.87
33+240.00	5.61227	6.70708	5.786825	6.225985	20	115.7365	124.52
33+260.00	5.96138	5.74489	5.71749	5.727205	20	114.3498	114.54
33+280.00	5.4736	5.70952	5.653565	5.640995	20	113.0713	112.82
33+300.00	5.83353	5.57247	5.08453	5.717495	20	101.6906	114.35
33+320.00	4.33553	5.86252	4.408065	5.63716	20	88.1613	112.74
33+340.00	4.4806	5.4118	4.09898	4.849515	20	81.9796	96.99
33+360.00	3.71736	4.28723	3.65783	4.00388	20	73.1566	80.08
33+380.00	3.5983	3.72053	3.511965	3.75315	20	70.2393	75.06
33+400.00	3.42563	3.78577	3.48585	3.80261	20	69.717	76.05
33+420.00	3.54607	3.81945	3.52999	3.710125	20	70.5998	74.20
33+440.00	3.51391	3.6008	3.48062	3.706605	20	69.6124	74.13
33+460.00	3.44733	3.81241	3.398875	3.921515	20	67.9775	78.43
33+480.00	3.35042	4.03062	3.70644	3.932385	20	74.1288	78.65
33+500.00	4.06246	3.83415	3.95873	4.023175	20	79.1746	80.46
33+520.00	3.855	4.2122	4.20986	4.30783	20	84.1972	86.16
33+540.00	4.56472	4.40346	4.42149	3.97319	20	88.4298	79.46
33+560.00	4.27826	3.54292	4.24549	3.66165	20	84.9098	73.23
33+580.00	4.21272	3.78038	3.8886	3.76506	20	77.772	75.30
33+600.00	3.56448	3.74974	3.55238	3.748845	20	71.0476	74.98
33+620.00	3.54028	3.74795	3.60145	3.666035	20	72.029	73.32
33+640.00	3.66262	3.58412	3.583015	3.74817	20	71.6603	74.96
33+660.00	3.50341	3.91222	3.599115	3.756535	20	71.9823	75.13
33+680.00	3.69482	3.60085	3.619155	3.589505	20	72.3831	71.79
33+700.00	3.54349	3.57816	3.3979	3.621885	20	67.958	72.44
33+720.00	3.25231	3.66561	3.355995	3.51591	20	67.1199	70.32
33+740.00	3.45968	3.36621	3.613985	3.607095	20	72.2797	72.14

111 (Ciento Once)

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
33+760.00	3.76829	3.84798	3.76049	3.74917	20	75.2098	74.98
33+780.00	3.75269	3.65036	3.72627	3.59977	20	74.5254	72.00
33+800.00	3.69985	3.54918	4.183	3.632225	20	83.66	72.64
33+820.00	4.66615	3.71527	4.469355	3.821245	20	89.3871	76.42
33+840.00	4.27256	3.92722	4.29709	4.019015	20	85.9418	80.38
33+860.00	4.32162	4.11081	4.438575	4.13055	20	88.7715	82.61
33+880.00	4.55553	4.15029	4.730235	4.366265	20	94.6047	87.33
33+900.00	4.90494	4.58224	5.09237	4.39949	20	101.8474	87.99
33+920.00	5.2798	4.21674	4.7022	4.027295	20	94.044	80.55
33+940.00	4.1246	3.83785	4.069895	3.722665	20	81.3979	74.45
33+960.00	4.01519	3.60748	3.510965	3.38041	20	70.2193	67.61
33+980.00	3.00674	3.15334	3.426145	3.84237	20	68.5229	76.85
34+000.00	3.84555	4.5314	3.75593	4.37704	20	75.1186	87.54
34+020.00	3.66631	4.22268	3.708065	4.253525	20	74.1613	85.07
34+040.00	3.74982	4.28437	3.94976	4.532095	20	78.9952	90.64
34+060.00	4.1497	4.77982	4.080835	4.970975	20	81.6167	99.42
34+080.00	4.01197	5.16213	4.488025	5.20469	20	89.7605	104.09
34+100.00	4.96408	5.24725	4.94024	5.27072	20	98.8048	105.41
34+120.00	4.9164	5.29419	4.95784	5.311315	20	99.1568	106.23
34+140.00	4.99928	5.32844	4.806005	5.547715	20	96.1201	110.95
34+160.00	4.61273	5.76699	4.65395	6.059225	20	93.079	121.18
34+180.00	4.69517	6.35146	4.8585	6.354705	20	97.17	127.09
34+200.00	5.02183	6.35795	5.07272	6.41752	20	101.4544	128.35
34+220.00	5.12361	6.47709	5.15433	6.282955	20	103.0866	125.66
34+240.00	5.18505	6.08882	5.302825	6.233345	20	106.0565	124.67
34+260.00	5.4206	6.37787	5.530435	6.456205	20	110.6087	129.12
34+280.00	5.64027	6.53454	5.645295	6.447695	20	112.9059	128.95
34+300.00	5.65032	6.36085	5.76682	6.380505	20	115.3364	127.61
34+320.00	5.88332	6.40016	5.718415	5.840535	20	114.3683	116.81
34+340.00	5.55351	5.28091	5.612495	5.760595	20	112.2499	115.21
34+360.00	5.67148	6.24028	5.72087	6.114085	20	114.4174	122.28
34+380.00	5.77026	5.98789	5.82332	6.265295	20	116.4664	125.31
34+400.00	5.87638	6.5427	5.879115	6.521685	20	117.5823	130.43
34+420.00	5.88185	6.50067	5.85239	6.69917	20	117.0478	133.98
34+440.00	5.82293	6.89767	5.821185	6.63805	20	116.4237	132.76
34+460.00	5.81944	6.37843	5.799635	6.114835	20	115.9927	122.30
34+480.00	5.77983	5.85124	5.766095	6.180115	20	115.3219	123.60
34+500.00	5.75236	6.50899	5.85659	6.75766	20	117.1318	135.15
34+520.00	5.96082	7.00633	6.06238	6.908925	20	121.2476	138.18
34+540.00	6.16394	6.81152	6.07155	6.535155	20	121.431	130.70
34+560.00	5.97916	6.25879	5.961045	6.32249	20	119.2209	126.45
34+580.00	5.94293	6.38619	5.83028	6.2542	20	116.6056	125.08
34+600.00	5.71763	6.12221	5.72108	6.128275	20	114.4216	122.57
34+620.00	5.72453	6.13434	5.862295	6.34802	20	117.2459	126.96
34+640.00	6.00006	6.5617	6.089375	6.626665	20	121.7875	132.53
34+660.00	6.17869	6.69163	5.89164	6.644715	20	117.8328	132.89
34+680.00	5.60459	6.5978	5.738905	6.460145	20	114.7781	129.20
34+700.00	5.87322	6.32249	5.716885	6.302085	20	114.3377	126.04
34+720.00	5.56055	6.28168	5.58879	6.283495	20	111.7758	125.67
34+740.00	5.61703	6.28531	5.597915	6.34274	20	111.9583	126.85
34+760.00	5.5788	6.40017	5.4521	6.36635	20	109.042	127.33
34+780.00	5.3254	6.33253	5.381735	6.4644	20	107.6347	129.29
34+800.00	5.43807	6.59627	5.451635	6.56008	20	109.0327	131.20
34+820.00	5.4652	6.52389	5.50104	6.417305	20	110.0208	128.35
34+840.00	5.53688	6.31072	5.56709	6.477815	20	111.3418	129.56
34+860.00	5.5973	6.64491	5.556645	6.578885	20	111.1329	131.58
34+880.00	5.51599	6.51286	5.462655	6.40298	20	109.2531	128.06
34+900.00	5.40932	6.2931	5.37839	6.45552	20	107.5678	129.11
34+920.00	5.34746	6.61794	5.425365	6.52994	20	108.5073	130.60
34+940.00	5.50327	6.44194	5.50003	6.230375	20	110.0006	124.61
34+960.00	5.49679	6.01881	5.5468	6.22708	20	110.936	124.54
34+980.00	5.59681	6.43535	5.66066	6.53285	20	113.2132	130.66
35+000.00	5.72451	6.63035	5.797655	6.631365	20	115.9531	132.63
35+020.00	5.8708	6.63238	5.81651	6.74605	20	116.3302	134.92
35+040.00	5.76222	6.85972	5.76182	6.79482	20	115.2364	135.90
35+060.00	5.76142	6.72992	5.74878	6.69534	20	114.9756	133.91
35+080.00	5.73614	6.66076	5.834395	6.400425	20	116.6879	128.01
35+100.00	5.93265	6.14009	5.988055	6.21664	20	119.7611	124.33
35+120.00	6.04346	6.29319	5.86881	6.264935	20	117.3762	125.30
35+140.00	5.69416	6.23668	6.063695	6.35086	20	121.2739	127.02

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
35+160.00	6.43323	6.46504	6.57754	6.11539	20	131.5508	122.31
35+180.00	6.72185	5.76574	6.273145	6.16819	20	125.4629	123.36
35+200.00	5.82444	6.57064	6.0297	6.661745	20	120.594	133.23
35+220.00	6.23496	6.75285	6.537255	6.751105	20	130.7451	135.02
35+240.00	6.83955	6.74936	6.586935	6.799605	20	131.7387	135.99
35+260.00	6.33432	6.84985	6.35188	6.893035	20	127.0376	137.86
35+280.00	6.36944	6.93622	6.37676	7.030845	20	127.5352	140.62
35+300.00	6.38408	7.12547	6.39845	6.793255	20	127.969	135.87
35+320.00	6.41282	6.46104	6.2141	6.72115	20	124.282	134.42
35+340.00	6.01538	6.98126	6.185685	6.894035	20	123.7137	137.88
35+360.00	6.35599	6.80681	6.290015	6.4552	20	125.8003	129.10
35+380.00	6.22404	6.10359	6.69886	6.80993	20	133.9772	136.20
35+400.00	7.17368	7.51627	6.304895	7.18574	20	126.0979	143.71
35+420.00	5.43611	6.85521	5.435395	6.729845	20	108.7079	134.60
35+440.00	5.43468	6.60448	5.42353	6.37023	20	108.4706	127.40
35+460.00	5.41238	6.13598	5.6906	5.952895	20	113.812	119.06
35+480.00	5.96882	5.76981	5.82366	5.86697	20	116.4732	117.34
35+500.00	5.6785	5.96413	5.27337	5.836715	20	105.4674	116.73
35+520.00	4.86824	5.7093	5.213555	6.060665	20	104.2711	121.21
35+540.00	5.55887	6.41203	5.51667	6.2756	20	110.3334	125.51
35+560.00	5.47447	6.13917	5.25995	5.810165	20	105.199	116.20
35+580.00	5.04543	5.48116	5.04396	5.160105	20	100.8792	103.20
35+600.00	5.04249	4.83905	5.57463	5.78404	20	111.4926	115.68
35+620.00	6.10677	6.72903	5.976595	6.707145	20	119.5319	134.14
35+640.00	5.84642	6.68526	5.957845	6.858995	20	119.1569	137.18
35+660.00	6.06927	7.03273	6.094775	6.84571	20	121.8955	136.91
35+680.00	6.12028	6.65869	6.05593	6.53622	20	121.1186	130.72
35+700.00	5.99158	6.41375	5.97796	6.351815	20	119.5592	127.04
35+720.00	5.96434	6.28988	5.9151	6.28849	20	118.302	125.77
35+740.00	5.86586	6.2871	5.795875	6.336735	20	115.9175	126.73
35+760.00	5.72589	6.38637	5.49654	6.318945	20	109.9308	126.38
35+780.00	5.26719	6.25152	5.43024	6.30656	20	108.6048	126.13
35+800.00	5.59329	6.3616	5.665835	6.624595	20	113.3167	132.49
35+820.00	5.73838	6.88759	7.444595	6.987065	20	148.8919	139.74
35+840.00	9.15081	7.08654	7.45445	6.8564	20	149.089	137.13
35+860.00	5.75809	6.62626	6.022815	6.679855	20	120.4563	133.60
35+880.00	6.28754	6.73345	5.95712	6.53785	20	119.1424	130.76
35+900.00	5.6267	6.34225	5.670575	6.16309	20	113.4115	123.26
35+920.00	5.71445	5.98393	5.52911	5.900685	20	110.5822	118.01
35+940.00	5.34377	5.81744	5.616485	6.103665	20	112.3297	122.07
35+960.00	5.8892	6.38989	5.90067	6.542625	20	118.0134	130.85
35+980.00	5.91214	6.69536	5.74579	6.20295	20	114.9158	124.06
36+000.00	5.57944	5.71054	5.549425	5.736425	20	110.9885	114.73
36+020.00	5.51941	5.76231	5.671395	6.236075	20	113.4279	124.72
36+040.00	5.82338	6.70984	5.994295	6.645685	20	119.8859	132.91
36+060.00	6.16521	6.58153	6.12704	6.56243	20	122.5408	131.25
36+080.00	6.08887	6.54333	6.19059	6.742615	20	123.8118	134.85
36+100.00	6.29231	6.9419	6.41828	6.824415	20	128.3656	136.49
36+120.00	6.54425	6.70693	6.47356	6.86385	20	129.4712	137.28
36+140.00	6.40287	7.02077	6.35614	6.608525	20	127.1228	132.17
36+160.00	6.30941	6.19628	6.222125	6.26965	20	124.4425	125.39
36+180.00	6.13484	6.34302	6.160855	6.28924	20	123.2171	125.78
36+200.00	6.18687	6.23546	6.11799	6.159195	20	122.3598	123.18
36+220.00	6.04911	6.08293	6.07727	6.040315	20	121.5454	120.81
36+240.00	6.10543	5.9977	6.0893	6.092475	20	121.786	121.85
36+260.00	6.07317	6.18725	6.181975	6.1308	20	123.6395	122.62
36+280.00	6.29078	6.07435	6.09692	6.18841	20	121.9384	123.77
36+300.00	5.90306	6.30247	6.00299	6.206345	20	120.0598	124.13
36+320.00	6.10292	6.11022	6.085885	5.98525	20	121.7177	119.71
36+340.00	6.06885	5.86028	6.02921	6.162565	20	120.5842	123.25
36+360.00	5.98957	6.46485	5.969165	6.183225	20	119.3833	123.66
36+380.00	5.94876	5.9016	6.03335	5.93003	20	120.667	118.60
36+400.00	6.11794	5.95846	6.237565	6.18516	20	124.7513	123.70
36+420.00	6.35719	6.41186	6.19721	6.252075	20	123.9442	125.04
36+440.00	6.03723	6.09229	6.123205	6.229705	20	122.4641	124.59
36+460.00	6.20918	6.36712	6.273735	6.442415	20	125.4747	128.85
36+480.00	6.33829	6.51771	6.198175	6.357595	20	123.9635	127.15
36+500.00	6.05806	6.19748	6.119415	6.134465	20	122.3883	122.69
36+520.00	6.18077	6.07145	6.28035	6.260065	20	125.607	125.20
36+540.00	6.37993	6.44868	6.29192	6.26726	20	125.8384	125.35

113 (Ciento Trece)

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
36+560.00	6.20391	6.08584	6.212025	6.197705	20	124.2405	123.95
36+580.00	6.22014	6.30957	6.1261	6.163475	20	122.522	123.27
36+600.00	6.03206	6.01738	6.04362	5.978065	20	120.8724	119.56
36+620.00	6.05518	5.93875	5.98641	5.87703	20	119.7282	117.54
36+640.00	5.91764	5.81531	5.905925	5.88685	20	118.1185	117.74
36+660.00	5.89421	5.95839	5.968465	6.05551	20	119.3693	121.11
36+680.00	6.04272	6.15263	6.109615	6.0229	20	122.1923	120.46
36+700.00	6.17651	5.89317	6.036865	6.088685	20	120.7373	121.77
36+720.00	5.89722	6.2842	5.99538	6.20143	20	119.9076	124.03
36+740.00	6.09354	6.11866	6.101665	6.156105	20	122.0333	123.12
36+760.00	6.10979	6.19355	6.15688	6.12678	20	123.1376	122.54
36+780.00	6.20397	6.06001	5.75	5.6728	20	115	113.46
36+800.00	5.29603	5.28559	5.549515	5.371525	20	110.9903	107.43
36+820.00	5.803	5.45746	5.82684	5.59538	20	116.5368	111.91
36+840.00	5.85068	5.7333	5.617035	5.70699	20	112.3407	114.14
36+860.00	5.38339	5.68068	5.69529	5.777385	20	113.9058	115.55
36+880.00	6.00719	5.87409	5.994305	5.883415	20	119.8861	117.67
36+900.00	5.98142	5.89274	5.957005	5.884485	20	119.1401	117.69
36+920.00	5.93259	5.87623	5.943455	5.76765	20	118.8691	115.35
36+940.00	5.95432	5.65907	5.993695	5.75793	20	119.8739	115.16
36+960.00	6.03307	5.85679	5.965465	5.888675	20	119.3093	117.77
36+980.00	5.89786	5.92056	5.99145	5.789485	20	119.829	115.79
37+000.00	6.08504	5.65841	6.35648	5.64922	20	127.1296	112.98
37+020.00	6.62792	5.64003	6.62428	5.676435	20	132.4856	113.53
37+040.00	6.62064	5.71284	5.863165	4.87542	20	117.2633	97.51
37+060.00	5.10569	4.038	5.972215	4.92467	20	119.4443	98.49
37+080.00	6.83874	5.81134	7.13578	6.018095	20	142.7156	120.36
37+100.00	7.43282	6.22485	6.419025	5.42047	20	128.3805	108.41
37+120.00	5.40523	4.61609	5.51485	4.68328	20	110.297	93.67
37+140.00	5.62447	4.75047	5.76572	5.05989	20	115.3144	101.20
37+160.00	5.90697	5.36931	5.893715	5.297475	20	117.8743	105.95
37+180.00	5.88046	5.22564	5.951915	5.447135	20	119.0383	108.94
37+200.00	6.02337	5.66863	6.27143	5.70131	20	125.4286	114.03
37+220.00	6.51949	5.73399	6.424045	5.80834	20	128.4809	116.17
37+240.00	6.3286	5.88269	6.3539	6.20774	20	127.078	124.15
37+260.00	6.3792	6.53279	3.1896	6.70627	20	63.792	134.13
37+280.00		6.87975	3.478325	6.862805	20	69.5665	137.26
37+300.00	6.95665	6.84586	7.039775	6.946045	20	140.7955	138.92
37+320.00	7.1229	7.04623	7.06099	6.92927	20	141.2198	138.59
37+340.00	6.99908	6.81231	6.829145	6.73092	20	136.5829	134.62
37+360.00	6.65921	6.64953	6.806535	7.30653	20	136.1307	146.13
37+380.00	6.95386	7.96353	6.903015	7.58077	20	138.0603	151.62
37+400.00	6.85217	7.19801	6.997015	8.013135	20	139.9403	160.26
37+420.00	7.14186	8.82826	7.212335	7.684305	20	144.2467	153.69
37+440.00	7.28281	6.54035	5.23478	4.689625	20	104.6956	93.79
37+460.00	3.18675	2.8389	4.46354	4.42832	20	89.2708	88.57
37+480.00	5.74033	6.01774	6.10237	6.660685	20	122.0474	133.21
37+500.00	6.46441	7.30363	6.10648	6.328845	20	122.1296	126.58
37+520.00	5.74855	5.35406	5.68731	5.54263	20	113.7462	110.85
37+540.00	5.62607	5.7312	6.135715	5.94471	20	122.7143	118.89
37+560.00	6.64536	6.15822	6.160965	6.87194	20	123.2193	137.44
37+580.00	5.67657	7.58566	5.795475	6.769535	20	115.9095	135.39
37+600.00	5.91438	5.95341	5.951595	6.144815	20	119.0319	122.90
37+620.00	5.98881	6.33622	5.852545	6.218285	20	117.0509	124.37
37+640.00	5.71628	6.10035	5.9081	5.86659	20	118.162	117.33
37+660.00	6.09992	5.63283	6.720905	6.55754	20	134.4181	131.15
37+680.00	7.34189	7.48225	7.59488	7.436865	20	151.8976	148.74
37+700.00	7.84787	7.39148	7.130565	6.818455	20	142.6113	136.37
37+720.00	6.41326	6.24543	6.50911	6.03409	20	130.1822	120.68
37+740.00	6.60496	5.82275	6.54001	6.02429	20	130.8002	120.49
37+760.00	6.47506	6.22583	6.350745	5.89395	20	127.0149	117.88
37+780.00	6.22643	5.56207	6.314325	5.675095	20	126.2865	113.50
37+800.00	6.40222	5.78812	6.441525	5.9437	20	128.8305	118.87
37+820.00	6.48083	6.09928	6.10786	5.77862	20	122.1572	115.57
37+840.00	5.73489	5.45796	5.494315	5.050945	20	109.8863	101.02
37+860.00	5.25374	4.64393	5.213	4.884325	20	104.26	97.69
37+880.00	5.17226	5.12472	5.752055	5.585035	20	115.0411	[illegible]
37+900.00	6.33185	6.04535	6.29773	5.864475	20	125.9546	117.29
37+920.00	6.26361	5.6836	6.95278	6.35146	20	139.0556	127.03
37+940.00	7.64195	7.01932	6.82484	6.37137	20	136.4968	127.43

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
37+960.00	6.00773	5.72342	5.962055	5.80704	20	119.2411	116.14
37+980.00	5.91638	5.89066	5.969025	5.87485	20	119.3805	117.50
38+000.00	6.02167	5.85904	5.908405	6.14593	20	118.1681	122.92
38+020.00	5.79514	6.43282	5.848505	6.262275	20	116.9701	125.25
38+040.00	5.90187	6.09173	6.144505	6.22803	20	122.8901	124.56
38+060.00	6.38714	6.36433	6.296995	6.32766	20	125.9399	126.55
38+080.00	6.20685	6.29099	6.00092	6.259965	20	120.0184	125.20
38+100.00	5.79499	6.22894	5.92378	6.11331	20	118.4756	122.27
38+120.00	6.05257	5.99768	6.099285	6.085085	20	121.9857	121.70
38+140.00	6.146	6.17249	6.011035	6.16607	20	120.2207	123.32
38+160.00	5.87607	6.15965	6.060905	6.357405	20	121.2181	127.15
38+180.00	6.24574	6.55516	5.742475	5.96584	20	114.8495	119.32
38+200.00	5.23921	5.37652	5.659605	5.745645	20	113.1921	114.91
38+220.00	6.08	6.11477	6.254275	6.27567	20	125.0855	125.51
38+240.00	6.42855	6.43657	6.214345	6.175475	20	124.2869	123.51
38+260.00	6.00014	5.91438	5.924415	5.80718	20	118.4883	116.14
38+280.00	5.84869	5.69998	5.62713	5.635395	20	112.5426	112.71
38+300.00	5.40557	5.57081	5.182175	5.59145	20	103.6435	111.83
38+320.00	4.95878	5.61209	4.76596	5.23049	20	95.3192	104.61
38+340.00	4.57314	4.84889	4.3268	4.72295	20	86.536	94.46
38+360.00	4.08046	4.59701	5.06496	5.284015	20	101.2992	105.68
38+380.00	6.04946	5.97102	5.973365	5.862975	20	119.4673	117.26
38+400.00	5.89727	5.75493	5.677355	5.689445	20	113.5471	113.79
38+420.00	5.45744	5.62396	5.239895	5.646395	20	104.7979	112.93
38+440.00	5.02235	5.66883	4.82799	5.290035	20	96.5598	105.80
38+460.00	4.63363	4.91124	5.058955	5.281345	20	101.1791	105.63
38+480.00	5.48428	5.65145	5.80006	5.96817	20	116.0012	119.36
38+500.00	6.11584	6.28489	5.270885	5.45257	20	105.4177	109.05
38+520.00	4.42593	4.62025	2.212965	2.310125	20	44.2593	46.20
38+540.00			3.86073	2.042825	20	77.2146	40.86
38+560.00	7.72146	4.08565	3.86073	2.042825	20	77.2146	40.86
38+580.00					20		
38+600.00			1.852995	1.485215	20	37.0599	29.70
38+620.00	3.70599	2.97043	1.852995	1.485215	20	37.0599	29.70
38+640.00			3.128695	2.343175	20	62.5739	46.86
38+660.00	6.25739	4.68635	3.128695	2.343175	20	62.5739	46.86
38+680.00			4.214905		20	84.2981	
38+700.00	8.42981		8.37447	2.697515	20	167.4894	53.95
38+720.00	8.31913	5.39503	8.26379	2.697515	20	165.2758	53.95
38+740.00	8.20845		8.61006	2.533785	20	172.2012	50.68
38+760.00	9.01167	5.06757	9.035385	2.533785	20	180.7077	50.68
38+780.00	9.0591		8.652855		20	173.0571	
38+800.00	8.24661		8.32556	2.928365	20	166.5112	58.57
38+820.00	8.40451	5.85673	8.78873	2.928365	20	175.7746	58.57
38+840.00	9.17295		7.994845	2.11877	20	159.8969	42.38
38+860.00	6.81674	4.23754	6.702975	2.11877	20	134.0595	42.38
38+880.00	6.58921		6.99044		20	139.8088	
38+900.00	7.39167		7.512565	2.716975	20	150.2513	54.34
38+920.00	7.63346	5.43395	7.819955	2.716975	20	156.3991	54.34
38+940.00	8.00645		8.081515	3.05467	20	161.6303	61.09
38+960.00	8.15658	6.10934	7.70879	3.05467	20	154.1758	61.09
38+980.00	7.261		6.645225		20	132.9045	
39+000.00	6.02945		7.155685	2.39619	20	143.1137	47.92
39+020.00	8.28192	4.79238	8.07348	5.599075	40	322.9392	223.96
39+060.00	7.86504	6.40577	7.892825	3.202885	20	157.8565	64.06
39+080.00	7.92061		7.895505		20	157.9101	
39+100.00	7.8704		7.804425	3.040105	20	156.0885	60.80
39+120.00	7.73845	6.08021	7.76618	3.040105	20	155.3236	60.80
39+140.00	7.79391		7.678285	2.83945	20	153.5657	56.79
39+160.00	7.56266	5.6789	3.78133	2.83945	20	75.6266	56.79
39+180.00					20		
39+200.00			2.447765	1.951795	20	48.9553	39.04
39+220.00	4.89553	3.90359	5.26385	1.951795	20	105.277	39.04
39+240.00	5.63217		5.43593	2.330215	20	108.7186	46.60
39+260.00	5.23969	4.66043	2.619845	2.330215	20	52.3969	46.60
39+280.00					20		
39+300.00			1.969465	1.565375	20	39.3893	31.31
39+320.00	3.93893	3.13075	1.969465	1.565375	20	39.3893	31.31
39+340.00			3.12561	2.43852	20	62.5122	48.77
39+360.00	6.25122	4.87704	6.184715	2.43852	20	123.6943	48.77

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
39+380.00	6.11821		5.458755		20	109.1751	
39+400.00	4.7993		4.57946	2.97234	20	91.5892	59.45
39+420.00	4.35962	5.94468	2.17981	2.97234	20	43.5962	59.45
39+440.00			3.522305	1.81822	20	70.4461	36.36
39+460.00	7.04461	3.63644	3.522305	1.81822	20	70.4461	36.36
39+480.00					20		
39+500.00			2.575785	2.22391	20	51.5157	44.48
39+520.00	5.15157	4.44782	4.500545	2.22391	20	90.0109	44.48
39+540.00	3.84952		3.755135	1.675035	20	75.1027	33.50
39+560.00	3.66075	3.35007	1.830375	1.675035	20	36.6075	33.50
39+580.00					20		
39+600.00			1.795895	1.587765	20	35.9179	31.76
39+620.00	3.59179	3.17553	1.795895	1.587765	20	35.9179	31.76
39+640.00			2.3494	2.020305	20	46.988	40.41
39+660.00	4.6988	4.04061	2.3494	2.020305	20	46.988	40.41
39+680.00					20		
39+700.00			1.847785	2.077205	20	36.9557	41.54
39+720.00	3.69557	4.15441	1.847785	2.077205	20	36.9557	41.54
39+740.00			2.332335	1.601285	20	46.6467	32.03
39+760.00	4.66467	3.20257	2.332335	1.601285	20	46.6467	32.03
39+780.00					20		
39+800.00			1.59305	1.72461	20	31.861	34.49
39+820.00	3.1861	3.44922	3.299865	3.67805	20	65.9973	73.56
39+840.00	3.41363	3.90688	3.83168	3.932425	20	76.6336	78.65
39+860.00	4.24973	3.95797	4.588135	4.15891	20	91.7627	83.18
39+880.00	4.92654	4.35985	4.83546	3.87774	20	96.7092	77.55
39+900.00	4.74438	3.39563	5.068195	3.80976	20	101.3639	76.20
39+920.00	5.39201	4.22389	5.3528	4.049915	20	107.056	81.00
39+940.00	5.31359	3.87594	4.907545	3.594575	20	98.1509	71.89
39+960.00	4.5015	3.31321	4.81008	3.294255	20	96.2016	65.89
39+980.00	5.11866	3.2753	4.44784	3.54624	20	88.9568	70.92
40+000.00	3.77702	3.81718	4.16391	4.124235	20	83.2782	82.48
40+020.00	4.5508	4.43129	4.57598	4.41558	20	91.5196	88.31
40+040.00	4.60116	4.39987	4.58672	4.172135	20	91.7344	83.44
40+060.00	4.57228	3.9444	4.7837	3.979485	20	95.674	79.59
40+080.00	4.99512	4.01457	5.24759	3.737575	20	104.9518	74.75
40+100.00	5.50006	3.46058	5.859835	3.675145	20	117.1967	73.50
40+120.00	6.21961	3.88971	6.095735	3.920995	20	121.9147	78.42
40+140.00	5.97186	3.95228	6.026955	3.975115	20	120.5391	79.50
40+160.00	6.08205	3.99795	6.107215	4.13762	20	122.1443	82.75
40+180.00	6.13238	4.27729	5.158345	4.045075	20	103.1669	80.90
40+200.00	4.18431	3.81286	4.642985	4.22978	20	92.8597	84.60
40+220.00	5.10166	4.6467	6.30302	4.495315	20	126.0604	89.91
40+240.00	7.50438	4.34393	6.827985	4.246945	20	136.5597	84.94
40+260.00	6.15159	4.14996	7.1484	5.98947	20	142.968	119.79
40+280.00	8.14521	7.82898	5.5168	5.741895	20	110.336	114.84
40+300.00	2.88839	3.65481	4.145	3.60935	20	82.9	72.19
40+320.00	5.40161	3.56389	5.4096	3.95402	20	108.192	79.08
40+340.00	5.41759	4.34415	5.303185	4.339595	20	106.0637	86.79
40+360.00	5.18878	4.33504	5.2753	4.21204	20	105.506	84.24
40+380.00	5.36182	4.08904	5.2625	4.039125	20	105.25	80.78
40+400.00	5.16318	3.98921	3.716185	4.053355	20	74.3237	81.07
40+420.00	2.26919	4.1175	4.06713	4.07235	20	81.3426	81.45
40+440.00	5.86507	4.0272	5.67574	4.12469	20	113.5148	82.49
40+460.00	5.48641	4.22218	5.34682	4.29778	20	106.9364	85.96
40+480.00	5.20723	4.37338	5.581725	4.14632	20	111.6345	82.93
40+500.00	5.95622	3.91926	5.826795	4.06319	20	116.5359	81.26
40+520.00	5.69737	4.20712	6.12732	4.20549	20	122.5464	84.11
40+540.00	6.55727	4.20386	5.718045	4.120825	20	114.3609	82.42
40+560.00	4.87882	4.03779	5.71625	4.200695	20	114.325	84.01
40+580.00	6.55368	4.3636	6.372205	4.29218	20	127.4441	85.84
40+600.00	6.19073	4.22076	6.171885	4.14285	20	123.4377	82.86
40+620.00	6.15304	4.06494	6.07542	4.308815	20	121.5084	86.18
40+640.00	5.9978	4.55269	5.548545	4.400985	20	110.9709	88.02
40+660.00	5.09929	4.24928	4.811325	4.18576	20	96.2265	83.72
40+680.00	4.52336	4.12224	5.83519	4.042895	20	116.7038	80.86
40+700.00	7.14702	3.96355	6.33338	4.160265	20	126.6716	83.21
40+720.00	5.51974	4.35698	4.860415	4.39304	20	97.2083	87.86
40+740.00	4.20109	4.4291	4.44777	3.92615	20	88.9554	78.52
40+760.00	4.69445	3.4232	4.5923	4.229735	20	91.846	84.59

(Ciento Diez y Seis)

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
40+780.00	4.49015	5.03627	4.0787	4.184845	20	81.574	83.70
40+800.00	3.66725	3.33342	3.986515	3.18419	20	79.7303	63.68
40+820.00	4.30578	3.03496	3.488795	3.090095	20	69.7759	61.80
40+840.00	2.67181	3.14523	3.3549	2.23014	20	67.098	44.60
40+860.00	4.03799	1.31505	4.49089	2.22392	20	89.8178	44.48
40+880.00	4.94379	3.13279	4.941995	3.045215	20	98.8399	60.90
40+900.00	4.9402	2.95764	4.26093	3.219215	20	85.2186	64.38
40+920.00	3.58166	3.48079	3.347625	2.988215	20	66.9525	59.76
40+940.00	3.11359	2.49564	3.103315	2.50781	20	62.0663	50.16
40+960.00	3.09304	2.51998	3.16994	2.814255	20	63.3988	56.29
40+980.00	3.24684	3.10853	3.08542	3.0732	20	61.7084	61.46
41+000.00	2.924	3.03787	2.72882	3.06517	20	54.5764	61.30
41+020.00	2.53364	3.09247	2.42653	2.771195	20	48.5306	55.42
41+040.00	2.31942	2.44992	2.88094	2.41636	20	57.6188	48.33
41+060.00	3.44246	2.3828	2.752695	2.47179	20	55.0539	49.44
41+080.00	2.06293	2.56078	2.15245	2.906085	20	43.049	58.12
41+100.00	2.24197	3.25139	2.392765	3.24883	20	47.8553	64.98
41+120.00	2.54356	3.24627	2.548645	2.80179	20	50.9729	56.04
41+140.00	2.55373	2.35731	3.6497	2.552735	20	72.994	51.05
41+160.00	4.74567	2.74816	3.90267	2.894625	20	78.0534	57.89
41+180.00	3.05967	3.04109	2.8906	3.10645	20	57.812	62.13
41+200.00	2.72153	3.17181	3.37421	3.741625	20	67.4842	74.83
41+220.00	4.02689	4.31144	4.167535	3.999375	20	83.3507	79.99
41+240.00	4.30818	3.68731	4.19423	3.35355	20	83.8846	67.07
41+260.00	4.08028	3.01979	3.619	3.25257	20	72.38	65.05
41+280.00	3.15772	3.48535	3.241675	3.347495	20	64.8335	66.95
41+300.00	3.32563	3.20964	4.84039	3.116415	20	96.8078	62.33
41+320.00	6.35515	3.02319	5.235635	2.858125	60	314.1381	171.49
41+380.00	4.11612	2.69306	4.1972	3.017585	20	83.944	60.35
41+400.00	4.27828	3.34211	3.430175	2.83722	40	137.207	113.49
41+440.00	2.58207	2.33233	2.393635	2.39746	40	95.7454	95.90
41+480.00	2.2052	2.46259	2.154415	2.215445	20	43.0883	44.31
41+500.00	2.10363	1.9683	2.61248	2.21866	40	104.4992	88.75
41+540.00	3.12133	2.46902	3.74402	2.42819	40	149.7608	97.13
41+580.00	4.36671	2.38736	3.58697	2.448675	20	71.7394	48.97
41+600.00	2.80723	2.50999	2.871055	2.398375	40	114.8422	95.94
41+640.00	2.93488	2.28676	3.05055	2.483645	40	122.022	99.35
41+680.00	3.16622	2.68053	2.76421	2.682815	20	55.2842	53.66
41+700.00	2.3622	2.6851	2.312465	2.605405	40	92.4986	104.22
41+740.00	2.26273	2.52571	2.767545	2.481455	40	110.7018	99.26
41+780.00	3.27236	2.4372	3.12908	2.529895	20	62.5816	50.60
41+800.00	2.9858	2.62259	3.03394	2.774125	40	121.3576	110.97
41+840.00	3.08208	2.92566	2.840335	2.5735	40	113.6134	102.94
41+880.00	2.59859	2.22134	2.93966	2.422425	20	58.7932	48.45
41+900.00	3.28073	2.62351	3.44722	2.516715	40	137.8888	100.67
41+940.00	3.61371	2.40992	3.601245	2.374625	40	144.0498	94.99
41+980.00	3.58878	2.33933	3.734105	2.636925	20	74.6821	52.74
42+000.00	3.87943	2.93452	3.363435	2.07791	40	134.5374	83.12
42+040.00	2.84744	1.2213	4.024555	1.76321	40	160.9822	70.53
42+080.00	5.20167	2.30512	4.89097	2.638195	20	97.8194	52.76
42+100.00	4.58027	2.97127	4.80642	3.717465	40	192.2568	148.70
42+140.00	5.03257	4.46366	5.209475	3.848985	40	208.379	153.96
42+180.00	5.38638	3.23431	5.400375	3.29897	20	108.0075	65.98
42+200.00	5.41437	3.36363	5.711515	3.66224	40	228.4606	146.49
42+240.00	6.00866	3.96085	5.90156	4.042205	40	236.0624	161.69
42+280.00	5.79446	4.12356	5.705245	3.90243	20	114.1049	78.05
42+300.00	5.61603	3.6813	5.704095	4.200515	40	228.1638	168.02
42+340.00	5.79216	4.71973	5.858415	4.27448	40	234.3366	170.98
42+380.00	5.92467	3.82923	5.796775	3.90321	20	115.9355	78.06
42+400.00	5.66888	3.97719	5.80484	3.82682	40	232.1936	153.07
42+440.00	5.9408	3.67645	6.288715	3.92579	40	251.5486	157.03
42+480.00	6.63663	4.17513	7.16212	4.277515	20	143.2424	85.55
42+500.00	7.68761	4.3799	7.172585	4.16145	40	286.9034	166.46
42+540.00	6.65756	3.943	6.310765	3.747155	40	252.4306	149.89
42+580.00	5.96397	3.55131	5.907445	4.123805	20	118.1489	82.48
42+600.00	5.85092	4.6963	5.9611	4.524965	40	238.444	181.00
42+640.00	6.07128	4.35363	6.44568	4.231865	40	257.8272	169.27
42+680.00	6.82008	4.1101	6.95017	5.64053	20	139.0034	112.81
42+700.00	7.08026	7.17096	5.747965	5.620805	40	229.9186	224.83
42+740.00	4.41567	4.07065	6.386875	3.69509	40	255.475	147.80

117 (Ciento Diez y Siete)

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
42+780.00	8.35808	3.31953	8.126245	4.02234	20	162.5249	80.45
42+800.00	7.89441	4.72515	7.67282	4.60264	40	306.9128	184.11
42+840.00	7.45123	4.48013	7.419485	4.080815	40	296.7794	163.23
42+880.00	7.38774	3.6815	7.282495	3.89043	20	145.6499	77.81
42+900.00	7.17725	4.09936	7.122925	4.35355	40	284.917	174.14
42+940.00	7.0686	4.60774	6.987825	4.455665	40	279.513	178.23
42+980.00	6.90705	4.30359	6.955065	4.469655	20	139.1013	89.39
43+000.00	7.00308	4.63572	6.913	3.88514	20	138.26	77.70
43+020.00	6.82292	3.13456	6.676255	3.08429	20	133.5251	61.69
43+040.00	6.52959	3.03402	6.927085	2.991125	20	138.5417	59.82
43+060.00	7.32458	2.94823	6.50282	3.04431	20	130.0564	60.89
43+080.00	5.68106	3.14039	6.0464	3.0836	20	120.928	61.67
43+100.00	6.41174	3.02681	5.57654	2.94873	20	111.5308	58.97
43+120.00	4.74134	2.87065	5.635615	2.97725	20	112.7123	59.55
43+140.00	6.52989	3.08385	5.94061	3.128185	20	118.8122	62.56
43+160.00	5.35133	3.17252	5.91929	3.226985	20	118.3858	64.54
43+180.00	6.48725	3.28145	6.14289	3.271995	20	122.8578	65.44
43+200.00	5.79853	3.26254	5.553275	3.245575	20	111.0655	64.91
43+220.00	5.30802	3.22861	5.65581	3.288575	20	113.1162	65.77
43+240.00	6.0036	3.34854	6.09777	3.269055	20	121.9554	65.38
43+260.00	6.19194	3.18957	6.30019	3.173125	20	126.0038	63.46
43+280.00	6.40844	3.15668	6.385455	3.086275	20	127.7091	61.73
43+300.00	6.36247	3.01587	4.390545	3.07959	20	87.8109	61.59
43+320.00	2.41862	3.14331	3.5506	3.19281	20	71.012	63.86
43+340.00	4.68258	3.24231	4.68258	3.30596	20	93.6516	66.12
43+360.00	4.68258	3.36961	5.340935	3.14207	20	106.8187	62.84
43+380.00	5.99929	2.91453	5.961855	2.917285	20	119.2371	58.35
43+400.00	5.92442	2.92004	6.291535	2.92231	20	125.8307	58.45
43+420.00	6.65865	2.92458	6.56867	3.255145	20	131.3734	65.10
43+440.00	6.47869	3.58571	6.533215	3.86685	20	130.6643	77.34
43+460.00	6.58774	4.14799	5.19372	4.18414	20	103.8744	83.68
43+480.00	3.7997	4.22029	4.47968	4.242515	20	89.5936	84.85
43+500.00	5.15966	4.26474	5.28058	4.323945	20	105.6116	86.48
43+520.00	5.4015	4.38315	5.593565	4.494245	20	111.8713	89.88
43+540.00	5.78563	4.60534	5.764825	4.602345	20	115.2965	92.05
43+560.00	5.74402	4.59935	5.60668	4.37358	20	112.1336	87.47
43+580.00	5.46934	4.14781	5.41113	4.03746	20	108.2226	80.75
43+600.00	5.35292	3.92711	5.45677	3.945255	20	109.1354	78.91
43+620.00	5.56062	3.9634	5.484425	4.1089	20	109.6885	82.18
43+640.00	5.40823	4.2544	5.486095	4.23169	20	109.7219	84.63
43+660.00	5.56396	4.20898	5.534185	4.230335	20	110.6837	84.61
43+680.00	5.50441	4.25169	5.095585	4.446905	20	101.9117	88.94
43+700.00	4.68676	4.64212	4.647785	4.79224	20	92.9557	95.84
43+720.00	4.60881	4.94236	4.99106	5.07188	20	99.8212	101.44
43+740.00	5.37331	5.2014	4.49478	4.951845	20	89.8956	99.04
43+760.00	3.61625	4.70229	4.00839	4.178595	20	80.1678	83.57
43+780.00	4.40053	3.6549	4.50129	3.693185	20	90.0258	73.86
43+800.00	4.60205	3.73147	4.25252	4.185275	20	85.0504	83.71
43+820.00	3.90299	4.63908	3.862175	4.865695	20	77.2435	97.31
43+840.00	3.82136	5.09231	3.76805	5.03585	20	75.361	100.72
43+860.00	3.71474	4.97939	3.83625	5.10701	20	76.725	102.14
43+880.00	3.95776	5.23463	3.964405	5.18948	20	79.2881	103.79
43+900.00	3.97105	5.14433	3.94122	5.196025	20	78.8244	103.92
43+920.00	3.91139	5.24772	3.914705	5.23614	20	78.2941	104.72
43+940.00	3.91802	5.22456	3.92071	5.238085	20	78.4142	104.76
43+960.00	3.9234	5.25161	3.87834	5.19949	20	77.5668	103.99
43+980.00	3.83328	5.14737	3.808255	5.20204	20	76.1651	104.04
44+000.00	3.78323	5.25671	3.70313	5.16599	20	74.0626	103.32
44+020.00	3.62303	5.07527	3.696865	6.554015	20	73.9373	131.08
44+040.00	3.7707	8.03276	3.812455	7.658255	20	76.2491	153.17
44+060.00	3.85421	7.28375	3.84698	5.85992	20	76.9396	117.20
44+080.00	3.83975	4.43609	3.869575	4.43522	20	77.3915	88.70
44+100.00	3.8994	4.43435	3.709375	4.39369	20	74.1875	87.87
44+120.00	3.51935	4.35303	4.67507	3.83986	20	93.5014	76.80
44+140.00	5.83079	3.32669	6.30443	3.294415	20	126.0886	65.89
44+160.00	6.77807	3.26214	7.283735	3.25187	20	145.6747	65.04
44+180.00	7.7894	3.2416	6.750275	3.728675	20	135.0055	74.57
44+200.00	5.71115	4.21575	5.59811	4.18828	20	111.9622	83.77
44+220.00	5.48507	4.16081	5.559955	3.977885	20	111.1991	79.56
44+240.00	5.63484	3.79496	5.70456	4.15023	20	114.0912	83.00

118 (Ciento Diez y Ocho)

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
44+260.00	5.77428	4.5055	5.707185	4.58377	20	114.1437	91.68
44+280.00	5.64009	4.66204	6.028365	4.321885	20	120.5673	86.44
44+300.00	6.41664	3.98173	6.83234	3.79768	20	136.6468	75.95
44+320.00	7.24804	3.61363	6.35688	3.595915	20	127.1376	71.92
44+340.00	5.46572	3.5782	5.294585	3.355425	20	105.8917	67.11
44+360.00	5.12345	3.13265	5.094105	3.0557	20	101.8821	61.11
44+380.00	5.06476	2.97875	4.937575	3.07366	20	98.7515	61.47
44+400.00	4.81039	3.16857	5.052835	3.118155	20	101.0567	62.36
44+420.00	5.29528	3.06774	4.139745	2.818	20	82.7949	56.36
44+440.00	2.98421	2.56826	3.120345	2.725555	20	62.4069	54.51
44+460.00	3.25648	2.88285	4.077585	2.70676	20	81.5517	54.14
44+480.00	4.89869	2.53067	5.41427	2.73776	20	108.2854	54.76
44+500.00	5.92985	2.94485	6.59899	2.944485	20	131.9798	58.89
44+520.00	7.26813	2.94412	6.20623	3.002215	20	124.1246	60.04
44+540.00	5.14433	3.06031	5.88478	3.20628	20	117.6956	64.13
44+560.00	6.62523	3.35225	7.24542	3.497415	20	144.9084	69.95
44+580.00	7.86561	3.64258	7.65008	3.555315	20	153.0016	71.11
44+600.00	7.43455	3.46805	6.11036	3.686585	20	122.2072	73.73
44+620.00	4.78617	3.90512	5.055955	3.792485	20	101.1191	75.85
44+640.00	5.32574	3.67985	4.692615	3.65178	20	93.8523	73.04
44+660.00	4.05949	3.62371	4.030085	3.65209	20	80.6017	73.04
44+680.00	4.00068	3.68047	4.020535	3.628215	20	80.4107	72.56
44+700.00	4.04039	3.57596	4.1433	3.63836	20	82.866	72.77
44+720.00	4.24621	3.70076	4.30139	3.775135	20	86.0278	75.50
44+740.00	4.35657	3.84951	5.23583	3.651965	20	104.7166	73.04
44+760.00	6.11509	3.45442	5.86157	3.595675	20	117.2314	71.91
44+780.00	5.60805	3.73693	5.14306	3.7543	20	102.8612	75.09
44+800.00	4.67807	3.77167	4.618725	3.99758	20	92.3745	79.95
44+820.00	4.55938	4.22349	4.586475	4.192755	20	91.7295	83.86
44+840.00	4.61357	4.16202	4.606645	4.222455	20	92.1329	84.45
44+860.00	4.59972	4.28289	4.708815	4.22653	20	94.1763	84.53
44+880.00	4.81791	4.17017	4.75877	4.29291	20	95.1754	85.86
44+900.00	4.69963	4.41565	4.774815	4.278225	20	95.4963	85.56
44+920.00	4.85	4.1408	4.880275	4.072385	20	97.6055	81.45
44+940.00	4.91055	4.00397	4.88112	4.0935	20	97.6224	81.87
44+960.00	4.85169	4.18303	4.999105	4.081865	20	99.9821	81.64
44+980.00	5.14652	3.9807	5.074885	4.08829	20	101.4977	81.77
45+000.00	5.00325	4.19588	5.025475	4.364425	20	100.5095	87.29
45+020.00	5.0477	4.53297	5.236865	4.26026	20	104.7373	85.21
45+040.00	5.42603	3.98755	5.21153	3.8048	20	104.2306	76.10
45+060.00	4.99703	3.62205	4.98197	3.71657	20	99.6394	74.33
45+080.00	4.96691	3.81109	4.938205	3.94398	20	98.7641	78.88
45+100.00	4.9095	4.07687	5.09136	4.0917	20	101.8272	81.83
45+120.00	5.27322	4.10653	5.164225	4.10846	20	103.2845	82.17
45+140.00	5.05523	4.11039	5.057425	4.116095	20	101.1485	82.32
45+160.00	5.05962	4.1218	5.105685	4.235685	20	102.1137	84.71
45+180.00	5.15175	4.34957	5.18503	4.181435	20	103.7006	83.63
45+200.00	5.21831	4.0133	5.25844	4.187555	20	105.1688	83.75
45+220.00	5.29857	4.36181	5.33451	4.286065	20	106.6902	85.72
45+240.00	5.37045	4.21032	5.247845	4.412085	20	104.9569	88.24
45+260.00	5.12524	4.61385	5.229855	4.69084	20	104.5971	93.82
45+280.00	5.33447	4.76783	5.269515	4.669215	20	105.3903	93.38
45+300.00	5.20456	4.5706	5.168375	4.572255	20	103.3675	91.45
45+320.00	5.13219	4.57391	5.2894	4.59841	20	105.788	91.97
45+340.00	5.44661	4.62291	5.3647	4.579235	20	107.294	91.58
45+360.00	5.28279	4.53556	5.359165	4.68582	20	107.1833	93.72
45+380.00	5.43554	4.83608	5.358305	4.76843	20	107.1661	95.37
45+400.00	5.28107	4.70078	5.29114	4.80633	20	105.8228	96.13
45+420.00	5.30121	4.91188	5.33481	4.90383	20	106.6962	98.08
45+440.00	5.36841	4.89578	5.378535	4.85219	20	107.5707	97.04
45+460.00	5.38866	4.8086	5.400095	4.844555	20	108.0019	96.89
45+480.00	5.41153	4.88051	5.374245	4.593765	20	107.4849	91.88
45+500.00	5.33696	4.30702	5.278905	4.18336	20	105.5781	83.67
45+520.00	5.22085	4.0597	5.616075	4.161475	20	112.3215	83.23
45+540.00	6.0113	4.26325	5.97247	3.955	20	119.4494	79.10
45+560.00	5.93364	3.64675	5.697795	3.69595	20	113.9559	73.92
45+580.00	5.46195	3.74515	5.716165	3.919585	20	114.3231	78.39
45+600.00	5.97038	4.09402	6.03815	4.054525	20	120.763	81.09
45+620.00	6.10592	4.01503	6.15889	4.118015	20	123.1778	82.36
45+640.00	6.21186	4.221	6.044125	4.14736	20	120.8825	82.95

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
45+660.00	5.87639	4.07372	5.884555	4.335925	20	117.6911	86.72
45+680.00	5.89272	4.59813	6.148345	4.43655	20	122.9669	88.73
45+700.00	6.40397	4.27497	6.73264	4.42332	20	134.6528	88.47
45+720.00	7.06131	4.57167	6.77795	4.415025	20	135.559	88.30
45+740.00	6.49459	4.25838	7.094445	6.68936	20	141.8889	133.79
45+760.00	7.6943	9.12034	7.55717	6.641525	20	151.1434	132.83
45+780.00	7.42004	4.16271	6.675895	4.18406	20	133.5179	83.68
45+800.00	5.93175	4.20541	6.097825	4.175865	20	121.9565	83.52
45+820.00	6.2639	4.14632	6.1617	4.295815	20	123.234	85.92
45+840.00	6.0595	4.44531	5.507435	4.261715	20	110.1487	85.23
45+860.00	4.95537	4.07812	5.063385	4.071425	20	101.2677	81.43
45+880.00	5.1714	4.06473	5.095605	4.085745	20	101.9121	81.71
45+900.00	5.01981	4.10676	7.098025	4.068105	20	141.9605	81.36
45+920.00	9.17624	4.02945	6.618685	4.10742	20	132.3737	82.15
45+940.00	4.06113	4.18539	4.055835	3.974685	20	81.1167	79.49
45+960.00	4.05054	3.76398	4.034585	3.913375	20	80.6917	78.27
45+980.00	4.01863	4.06277	3.680275	3.995085	20	73.6055	79.90
46+000.00	3.34192	3.9274	2.960665	4.018505	20	59.2133	80.37
46+020.00	2.57941	4.10961	2.8828	4.12793	20	57.656	82.56
46+040.00	3.18619	4.14625	3.759425	4.200145	20	75.1885	84.00
46+060.00	4.33266	4.25404	4.805785	4.112665	20	96.1157	82.25
46+080.00	5.27891	3.97129	4.22862	4.078755	20	84.5724	81.58
46+100.00	3.17833	4.18622	3.069745	4.14191	20	61.3949	82.84
46+120.00	2.96116	4.0976	2.75397	4.01613	20	55.0794	80.32
46+140.00	2.54678	3.93466	3.409845	3.984555	20	68.1969	79.69
46+160.00	4.27291	4.03445	4.89358	4.1617	20	97.8716	83.23
46+180.00	5.51425	4.28895	5.07321	4.242725	20	101.4642	84.85
46+200.00	4.63217	4.1965	4.72525	4.29361	20	94.505	85.87
46+220.00	4.81833	4.39072	5.176255	4.710215	20	103.5251	94.20
46+240.00	5.53418	5.02971	5.56661	4.67218	20	111.3322	93.44
46+260.00	5.59904	4.31465	5.35278	4.20702	20	107.0556	84.14
46+280.00	5.10652	4.09939	4.406905	4.138145	20	88.1381	82.76
46+300.00	3.70729	4.1769	3.51405	4.17183	20	70.281	83.44
46+320.00	3.32081	4.16676	3.23542	4.148125	20	64.7084	82.96
46+340.00	3.15003	4.12949	3.582665	4.093745	20	71.6533	81.87
46+360.00	4.0153	4.058	3.87738	4.16753	20	77.5476	83.35
46+380.00	3.73946	4.27706	3.759705	3.981385	20	75.1941	79.63
46+400.00	3.77995	3.68571	3.946165	3.846015	20	78.9233	76.92
46+420.00	4.11238	4.00632	3.888775	3.890825	20	77.7755	77.82
46+440.00	3.66517	3.77533	3.65142	3.632985	20	73.0284	72.66
46+460.00	3.63767	3.49064	3.76504	3.651985	20	75.3008	73.04
46+480.00	3.89241	3.81333	3.675775	3.843255	20	73.5155	76.87
46+500.00	3.45914	3.87318	4.20973	3.858995	20	84.1946	77.18
46+520.00	4.96032	3.84481	4.985195	3.740665	20	99.7039	74.81
46+540.00	5.01007	3.63652	5.118845	3.726575	20	102.3769	74.53
46+560.00	5.22762	3.81663	5.52574	3.711915	20	110.5148	74.24
46+580.00	5.82386	3.6072	4.773545	3.72042	20	95.4709	74.41
46+600.00	3.72323	3.83364	3.92045	4.076505	20	78.409	81.53
46+620.00	4.11767	4.31937	4.1997	4.68708	20	83.994	93.74
46+640.00	4.28173	5.05479	4.13233	4.736435	20	82.6466	94.73
46+660.00	3.98293	4.41808	3.89404	4.52692	20	77.8808	90.54
46+680.00	3.80515	4.63576	3.6917	4.171185	20	73.834	83.42
46+700.00	3.57825	3.70661	3.637875	3.84805	20	72.7575	76.96
46+720.00	3.6975	3.98949	3.76717	4.088855	20	75.3434	81.78
46+740.00	3.83684	4.18822	3.79257	3.783135	20	75.8514	75.66
46+760.00	3.7483	3.37805	3.844135	3.369755	20	76.8827	67.40
46+780.00	3.93997	3.36146	3.93216	3.588795	20	78.6432	71.78
46+800.00	3.92435	3.81613	3.98339	3.76486	20	79.6678	75.30
46+820.00	4.04243	3.71359	3.87912	3.7147	20	77.5824	74.29
46+840.00	3.71581	3.71581	3.739915	3.8276	20	74.7983	76.55
46+860.00	3.76402	3.93939	4.0172	3.994405	20	80.344	79.89
46+880.00	4.27038	4.04942	4.43101	4.283715	20	88.6202	85.67
46+900.00	4.59164	4.51801	5.011	4.722535	20	100.22	94.45
46+920.00	5.43036	4.92706	4.674345	5.21093	20	93.4869	104.22
46+940.00	3.91833	5.4948	4.53146	5.12324	20	90.6292	102.46
46+960.00	5.14459	4.75168	5.39959	5.058405	20	107.9918	101.17
46+980.00	5.65459	5.36513	5.69828	5.300125	20	113.9656	106.01
47+000.00	5.74197	5.23512	6.385795	5.57602	20	127.7159	111.52
47+020.00	7.02962	5.91692	6.603635	5.937625	20	132.0727	118.75
47+040.00	6.17765	5.95833	6.13518	5.86231	20	122.7036	117.25

120 (Ciento Veinte)

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
47+060.00	6.09271	5.76629	6.306205	5.32479	20	126.1241	106.50
47+080.00	6.5197	4.88329	6.071725	5.40796	20	121.4345	108.16
47+100.00	5.62375	5.93263	5.572975	6.49454	20	111.4595	129.89
47+120.00	5.5222	7.05645	5.547665	6.612285	20	110.9533	132.25
47+140.00	5.57313	6.16812	5.364155	6.01148	20	107.2831	120.23
47+160.00	5.15518	5.85484	5.04173	5.55407	20	100.8346	111.08
47+180.00	4.92828	5.2533	4.85616	5.213745	20	97.1232	104.27
47+200.00	4.78404	5.17419	4.264055	5.02018	20	85.2811	100.40
47+220.00	3.74407	4.86617	3.534285	4.725555	20	70.6857	94.51
47+240.00	3.3245	4.58494	3.07082	4.512625	20	61.4164	90.25
47+260.00	2.81714	4.44031	2.724535	4.448355	20	54.4907	88.97
47+280.00	2.63193	4.4564	2.5984	4.402415	20	51.968	88.05
47+300.00	2.56487	4.34843	2.803025	4.2568	20	56.0605	85.14
47+320.00	3.04118	4.16517	2.65863	4.11246	20	53.1726	82.25
47+340.00	2.27608	4.05975	2.12162	3.898965	20	42.4324	77.98
47+360.00	1.96716	3.73818	1.91906	3.165015	20	38.3812	63.30
47+380.00	1.87096	2.59185	2.498815	3.590805	20	49.9763	71.82
47+400.00	3.12667	4.58976	3.276535	3.83458	20	65.5307	76.69
47+420.00	3.4264	3.0794	3.494115	3.78442	20	69.8823	75.69
47+440.00	3.56183	4.48944	3.42128	4.575815	20	68.4256	91.52
47+460.00	3.28073	4.66219	3.30192	3.874865	20	66.0384	77.50
47+480.00	3.32311	3.08754	3.06617	3.107895	20	61.3234	62.16
47+500.00	2.80923	3.12825	2.84225	3.168215	20	56.845	63.36
47+520.00	2.87527	3.20818	2.776245	3.093935	20	55.5249	61.88
47+540.00	2.67722	2.97969	2.726855	3.05998	20	54.5371	61.20
47+560.00	2.77649	3.14027	2.918475	3.11044	20	58.3695	62.21
47+580.00	3.06046	3.08061	3.056455	3.041355	20	61.1291	60.83
47+600.00	3.05245	3.0021	3.23988	3.912755	20	64.7976	78.26
47+620.00	3.42731	4.82341	2.85627	4.416275	20	57.1254	88.33
47+640.00	2.28523	4.00914	1.847805	3.115905	20	36.9561	62.32
47+660.00	1.41038	2.22267	2.23085	2.576365	20	44.617	51.53
47+680.00	3.05132	2.93006	2.639755	2.346855	20	52.7951	46.94
47+700.00	2.22819	1.76365	2.682215	3.263765	20	53.6443	65.28
47+720.00	3.13624	4.76388	3.613315	3.927365	20	72.2663	78.55
47+740.00	4.09039	3.09085	3.464935	3.093095	20	69.2987	61.86
47+760.00	2.83948	3.09534	2.548605	4.32487	20	50.9721	86.50
47+780.00	2.25773	5.5544	2.49893	5.424065	20	49.9786	108.48
47+800.00	2.74013	5.29373	3.97164	5.3555	20	79.4328	107.11
47+820.00	5.20315	5.41727	3.843575	5.01401	20	76.8715	100.28
47+840.00	2.484	4.61075	2.88403	4.190235	20	57.6806	83.80
47+860.00	3.28406	3.76972	2.89363	4.32852	20	57.8726	86.57
47+880.00	2.5032	4.88732	2.422385	5.06397	20	48.4477	101.28
47+900.00	2.34157	5.24062	2.33039	5.02787	20	46.6078	100.56
47+920.00	2.31921	4.81512	2.375385	4.31779	20	47.5077	86.36
47+940.00	2.43156	3.82046	2.38313	4.28157	20	47.6626	85.63
47+960.00	2.3347	4.74268	2.397765	5.258015	20	47.9553	105.16
47+980.00	2.46083	5.77335	2.438295	5.991615	20	48.7659	119.83
48+000.00	2.41576	6.20988	3.076545	5.779615	20	61.5309	115.59
48+020.00	3.73733	5.34935	3.416275	5.231895	20	68.3255	104.64
48+040.00	3.09522	5.11444	3.107185	5.099895	20	62.1437	102.00
48+060.00	3.11915	5.08535	3.154875	5.2634	20	63.0975	105.27
48+080.00	3.1906	5.44145	3.22065	5.44145	20	64.413	108.83
48+100.00	3.2507	5.44145	3.246505	5.8737	20	64.9301	117.47
48+120.00	3.24231	6.30595	5.24106	7.11947	20	104.8212	142.39
48+140.00	7.23981	7.93299	5.785245	8.043675	20	115.7049	160.87
48+160.00	4.33068	8.15436	4.43392	8.265045	20	88.6784	165.30
48+180.00	4.53716	8.37573	5.091075	8.44281	20	101.8215	168.86
48+200.00	5.64499	8.50989	5.837555	8.609395	20	116.7511	172.19
48+220.00	6.03012	8.7089	6.16668	8.5971	20	123.3336	171.94
48+240.00	6.30324	8.4853	6.72123	8.48418	20	134.4246	169.68
48+260.00	7.13922	8.48306	6.921865	8.371255	20	138.4373	167.43
48+280.00	6.70451	8.25945	6.433435	7.65867	20	128.6687	153.17
48+300.00	6.16236	7.05789	6.383075	7.03109	20	127.6615	140.62
48+320.00	6.60379	7.00429	6.382965	7.0487	20	127.6593	140.97
48+340.00	6.16214	7.09311	5.864975	6.33046	20	117.2995	126.61
48+360.00	5.56781	5.56781	5.568445	5.75868	20	111.3689	115.17
48+380.00	5.56908	5.94955	7.03278	6.053155	20	140.6556	121.06
48+400.00	8.49648	6.15676	8.86543	6.05202	20	177.3086	121.04
48+420.00	9.23438	5.94728	9.12146	6.161585	20	182.4292	123.23
48+440.00	9.00854	6.37589	8.772635	6.42088	20	175.4527	128.42

(Ciento Veinte y Un)

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
48+460.00	8.53673	6.46587	7.358635	6.455575	20	147.1727	129.11
48+480.00	6.18054	6.44528	6.44784	6.41371	20	128.9568	128.27
48+500.00	6.71514	6.38214	6.071425	6.37515	20	121.4285	127.50
48+520.00	5.42771	6.36816	5.45104	6.18225	20	109.0208	123.65
48+540.00	5.47437	5.99634	5.511765	6.235875	20	110.2353	124.72
48+560.00	5.54916	6.47541	5.8492	6.48071	20	116.984	129.61
48+580.00	6.14924	6.48601	5.912955	6.449695	20	118.2591	128.99
48+600.00	5.67667	6.41338	5.949935	6.04935	20	118.9987	120.99
48+620.00	6.2232	5.68532	5.807025	5.53666	20	116.1405	110.73
48+640.00	5.39085	5.388	5.450055	5.52815	20	109.0011	110.56
48+660.00	5.50926	5.6683	6.025455	5.497115	20	120.5091	109.94
48+680.00	6.54165	5.32593	6.04186	5.52783	20	120.8372	110.56
48+700.00	5.54207	5.72973	4.56939	5.707935	20	91.3878	114.16
48+720.00	3.59671	5.68614	3.976405	5.67466	20	79.5281	113.49
48+740.00	4.3561	5.66318	4.448555	5.394145	20	88.9711	107.88
48+760.00	4.54101	5.12511	4.32693	4.719075	20	86.5386	94.38
48+780.00	4.11285	4.31304	4.25214	4.39821	20	85.0428	87.96
48+800.00	4.39143	4.48338	4.327075	4.475545	20	86.5415	89.51
48+820.00	4.26272	4.46771	4.36352	4.13658	20	87.2704	82.73
48+840.00	4.46432	3.80545	3.990595	3.90025	20	79.8119	78.01
48+860.00	3.51687	3.99505	3.18703	3.256125	20	63.7406	65.12
48+880.00	2.85719	2.5172	3.77427	1.97647	20	75.4854	39.53
48+900.00	4.69135	1.43574	3.309815	1.65905	20	66.1963	33.18
48+920.00	1.92828	1.88236	2.64689	1.75473	20	52.9378	35.09
48+940.00	3.3655	1.6271	4.0971	1.955625	20	81.942	39.11
48+960.00	4.8287	2.28415	3.698505	2.33529	20	73.9701	46.71
48+980.00	2.56831	2.38643	4.60734	2.300925	20	92.1468	46.02
49+000.00	6.64637	2.21542	4.42755	2.22386	20	88.551	44.48
49+020.00	2.20873	2.2323	2.1006	2.043445	20	42.012	40.87
49+040.00	1.99247	1.85459	2.744695	1.9237	20	54.8939	38.47
49+060.00	3.49692	1.99281	2.68627	1.98222	20	53.7254	39.64
49+080.00	1.87562	1.97163	3.21023	1.92188	20	64.2046	38.44
49+100.00	4.54484	1.87213	2.87012	2.315285	20	57.4024	46.31
49+120.00	1.1954	2.75844	1.96234	2.735405	20	39.2468	54.71
49+140.00	2.72928	2.71237	2.64634	2.75939	20	52.9268	55.19
49+160.00	2.5634	2.80641	2.64755	2.76856	20	52.951	55.37
49+180.00	2.7317	2.73071	2.695575	2.81152	20	53.9115	56.23
49+200.00	2.65945	2.89233	2.489395	4.01841	20	49.7879	80.37
49+220.00	2.31934	5.14449	2.585695	3.85384	20	51.7139	77.08
49+240.00	2.85205	2.56319	2.96351	2.70594	20	59.2702	54.12
49+260.00	3.07497	2.84869	2.96	2.79165	20	59.2	55.83
49+280.00	2.84503	2.73461	2.71037	2.677265	20	54.2074	53.55
49+300.00	2.57571	2.61992	2.619365	2.816	20	52.3873	56.32
49+320.00	2.66302	3.01208	2.72092	3.04874	20	54.4184	60.97
49+340.00	2.77882	3.0854	2.9364	3.079145	20	58.728	61.58
49+360.00	3.09398	3.07289	2.790085	3.05619	20	55.8017	61.12
49+380.00	2.48619	3.03949	2.797825	2.9746	20	55.9565	59.49
49+400.00	3.10946	2.90971	3.293245	3.407015	20	65.8649	68.14
49+420.00	3.47703	3.90432	3.640495	4.17534	20	72.8099	83.51
49+440.00	3.80396	4.44636	3.756405	4.441935	20	75.1281	88.84
49+460.00	3.70885	4.43751	3.983855	4.335085	20	79.6771	86.70
49+480.00	4.25886	4.23266	4.459275	4.872225	20	89.1855	97.44
49+500.00	4.65969	5.51179	4.6355	5.185755	20	92.71	103.72
49+520.00	4.61131	4.85972	4.86011	5.27552	20	97.2022	105.51
49+540.00	5.10891	5.69132	5.270605	5.590865	20	105.4121	111.82
49+560.00	5.4323	5.49041	5.511065	5.509765	20	110.2213	110.20
49+580.00	5.58983	5.52912	5.713875	5.558235	20	114.2775	111.16
49+600.00	5.83792	5.58735	5.740085	5.51915	20	114.8017	110.38
49+620.00	5.64225	5.45095	5.51352	6.15091	20	110.2704	123.02
49+640.00	5.38479	6.85087	5.48617	6.18404	20	109.7234	123.68
49+660.00	5.58755	5.51721	5.345325	6.017255	20	106.9065	120.35
49+680.00	5.1031	6.5173	5.09737	6.507065	20	101.9474	130.14
49+700.00	5.09164	6.49683	2.54582	6.271465	20	50.9164	125.43
49+720.00		6.0461	2.670695	6.19751	20	53.4139	123.95
49+740.00	5.34139	6.34892	5.38052	5.68673	20	107.6104	113.73
49+760.00	5.41965	5.02454	6.361825	5.22148	20	127.2365	104.43
49+780.00	7.304	5.41842	6.23237	5.37286	20	124.6474	107.46
49+800.00	5.16074	5.3273	5.1931	5.154475	20	103.862	103.09
49+820.00	5.22546	4.98165	5.23394	5.17011	20	104.6788	103.40
49+840.00	5.24242	5.35857	6.224725	5.4339	20	124.4945	108.68

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
49+860.00	7.20703	5.50923	6.43567	5.53501	20	128.7134	110.70
49+880.00	5.66431	5.56079	5.475655	5.493395	20	109.5131	109.87
49+900.00	5.287	5.426	6.61223	5.404875	20	132.2446	108.10
49+920.00	7.93746	5.38375	6.703815	5.3861	20	134.0763	107.72
49+940.00	5.47017	5.38845	5.25693	5.381545	20	105.1386	107.63
49+960.00	5.04369	5.37464	6.489455	5.550925	20	129.7891	111.02
49+980.00	7.93522	5.72721	6.692525	5.71501	20	133.8505	114.30
50+000.00	5.44983	5.70281	5.396795	5.676225	20	107.9359	113.52
50+020.00	5.34376	5.64964	5.428025	5.60755	20	108.5605	112.15
50+040.00	5.51229	5.56546	5.74442	5.60222	20	114.8884	112.04
50+060.00	5.97655	5.63898	6.132095	5.6618	20	122.6419	113.24
50+080.00	6.28764	5.68462	6.06154	5.73319	20	121.2308	114.66
50+100.00	5.83544	5.78176	6.757875	5.78017	20	135.1575	115.60
50+120.00	7.68031	5.77858	6.54142	5.76542	20	130.8284	115.31
50+140.00	5.40253	5.75226	5.385105	5.72433	20	107.7021	114.49
50+160.00	5.36768	5.6964	5.30929	5.625805	20	106.1858	112.52
50+180.00	5.2509	5.55521	5.249745	5.47916	20	104.9949	109.58
50+200.00	5.24859	5.40311	5.364245	5.38368	20	107.2849	107.67
50+220.00	5.4799	5.36425	5.28003	5.44521	20	105.6006	108.90
50+240.00	5.08016	5.52617	5.182795	5.4754	20	103.6559	109.51
50+260.00	5.28543	5.42463	5.345725	5.387825	20	106.9145	107.76
50+280.00	5.40602	5.35102	5.354145	5.37482	20	107.0829	107.50
50+300.00	5.30227	5.39862	5.1216	5.45236	20	102.432	109.05
50+320.00	4.94093	5.5061	5.067095	5.372435	20	101.3419	107.45
50+340.00	5.19326	5.23877	5.10064	6.27727	20	102.0128	125.55
50+360.00	5.00802	7.31577	4.973455	6.086805	20	99.4691	121.74
50+380.00	4.93889	4.85784	4.99015	5.48919	20	99.803	109.78
50+400.00	5.04141	6.12054	5.0793	6.836175	20	101.586	136.72
50+420.00	5.11719	7.55181	5.071515	7.47258	20	101.4303	149.45
50+440.00	5.02584	7.39335	5.10926	6.873065	20	102.1852	137.46
50+460.00	5.19268	6.35278	5.054645	5.61292	20	101.0929	112.26
50+480.00	4.91661	4.87306	4.92539	4.875095	20	98.5078	97.50
50+500.00	4.93417	4.87713	4.902485	4.931975	20	98.0497	98.64
50+520.00	4.8708	4.98682	4.87282	5.019565	20	97.4564	100.39
50+540.00	4.87484	5.05231	4.888615	5.07821	20	97.7723	101.56
50+560.00	4.90239	5.10411	4.931005	5.13578	20	98.6201	102.72
50+580.00	4.95962	5.16745	4.958445	5.080795	20	99.1689	101.62
50+600.00	4.95727	4.99414	6.01047	5.11	20	120.2094	102.20
50+620.00	7.06367	5.22586	7.21211	5.11385	20	144.2422	102.28
50+640.00	7.36055	5.00184	7.62888	5.054845	20	152.5776	101.10
50+660.00	7.89721	5.10785	6.568415	5.11505	20	131.3683	102.30
50+680.00	5.23962	5.12225	5.1377	5.130885	20	102.754	102.62
50+700.00	5.03578	5.13952	5.09245	6.357805	20	101.849	127.16
50+720.00	5.14912	7.57609	5.174265	6.28662	20	103.4853	125.73
50+740.00	5.19941	4.99715	5.2475	4.967585	20	104.95	99.35
50+760.00	5.29559	4.93802	5.32904	5.610525	20	106.5808	112.21
50+780.00	5.36249	6.28303	5.29565	6.23271	20	105.913	124.65
50+800.00	5.22881	6.18239	5.274035	5.709775	20	105.4807	114.20
50+820.00	5.31926	5.23716	5.21322	5.19316	20	104.2644	103.86
50+840.00	5.10718	5.14916	5.186865	5.14796	20	103.7373	102.96
50+860.00	5.26655	5.14676	5.73977	5.25716	20	114.7954	105.14
50+880.00	6.21299	5.36756	6.314605	5.31586	20	126.2921	106.32
50+900.00	6.41622	5.26416	5.796375	5.27611	20	115.9275	105.52
50+920.00	5.17653	5.28806	5.26706	6.16719	20	105.3412	123.34
50+940.00	5.35759	7.04632	5.447385	6.357685	20	108.9477	127.15
50+960.00	5.53718	5.66905	5.41537	5.535985	20	108.3074	110.72
50+980.00	5.29356	5.40292	7.323225	5.575985	20	146.4645	111.52
51+000.00	9.35289	5.74905	10.27974	5.694675	20	205.5948	113.89
51+020.00	11.20659	5.6403	8.572385	5.674605	20	171.4477	113.49
51+040.00	5.93818	5.70891	6.02631	5.636515	20	120.5262	112.73
51+060.00	6.11444	5.56412	8.34635	5.808845	20	166.927	116.18
51+080.00	10.57826	6.05357	8.06532	5.812535	20	161.3064	116.25
51+100.00	5.55238	5.5715	5.339185	5.45962	20	106.7837	109.19
51+120.00	5.12599	5.34774	5.08958	5.340975	20	101.7916	106.82
51+140.00	5.05317	5.33421	5.082385	5.15697	20	101.6477	103.14
51+160.00	5.1116	4.97973	5.141165	5.065645	20	102.8233	101.31
51+180.00	5.17073	5.15156	5.058115	5.180825	20	101.623	103.62
51+200.00	4.9455	5.21009	5.02337	5.08361	20	100.4674	101.67
51+220.00	5.10124	4.95713	5.132985	5.029185	20	102.6597	100.58
51+240.00	5.16473	5.10124	5.173905	5.05317	20	103.4781	101.06

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
51+260.00	5.18308	5.0051	7.27134	4.97287	20	145.4268	99.46
51+280.00	9.3596	4.94064	7.263965	4.934695	20	145.2793	98.69
51+300.00	5.16833	4.92875	5.072495	4.94593	20	101.4499	98.92
51+320.00	4.97666	4.96311	6.34973	4.55249	20	126.9946	91.05
51+340.00	7.7228	4.14187	6.32929	4.135885	20	126.5858	82.72
51+360.00	4.93578	4.1299	5.148245	4.73599	20	102.9649	94.72
51+380.00	5.36071	5.34208	5.429915	4.650075	20	108.5983	93.00
51+400.00	5.49912	3.95807	5.511485	3.95487	20	110.2297	79.10
51+420.00	5.52385	3.95167	5.40967	4.345925	20	108.1934	86.92
51+440.00	5.29549	4.74018	5.408645	4.97827	20	108.1729	99.57
51+460.00	5.5218	5.21636	5.52038	5.143425	20	110.4076	102.87
51+480.00	5.51896	5.07049	5.381355	5.14913	20	107.6271	102.98
51+500.00	5.24375	5.22777	5.20643	5.174135	20	104.1286	103.48
51+520.00	5.16911	5.1205	5.15709	5.19293	20	103.1418	103.86
51+540.00	5.14507	5.26536	4.60633	5.022995	20	92.1266	100.46
51+560.00	4.06759	4.78063	4.54846	4.61276	20	90.9692	92.26
51+580.00	5.02933	4.44489	5.057805	4.534685	20	101.1561	90.69
51+600.00	5.08628	4.62448	5.102665	4.603805	20	102.0533	92.08
51+620.00	5.11905	4.58313	4.99036	4.756005	20	99.8072	95.12
51+640.00	4.86167	4.92888	4.97163	4.8117	20	99.4326	96.23
51+660.00	5.08159	4.69452	5.10606	4.565885	20	102.1212	91.32
51+680.00	5.13053	4.43725	5.21232	4.442485	20	104.2464	88.85
51+700.00	5.29411	4.44772	5.159345	4.377335	20	103.1869	87.55
51+720.00	5.02458	4.30695	5.061575	4.43866	20	101.2315	88.77
51+740.00	5.09857	4.57037	5.35603	4.373995	20	107.1206	87.48
51+760.00	5.61349	4.17762	5.90164	4.44209	20	118.0328	88.84
51+780.00	6.18979	4.70656	6.256675	4.890555	20	125.1335	97.81
51+800.00	6.32356	5.07455	5.66177	4.82938	20	113.2354	96.59
51+820.00	4.99998	4.58421	5.004935	4.607285	20	100.0987	92.15
51+840.00	5.00989	4.63036	5.118465	4.62909	20	102.3693	92.58
51+860.00	5.22704	4.62782	5.211295	4.69503	20	104.2259	93.90
51+880.00	5.19555	4.76224	5.08012	4.68988	20	101.6024	93.80
51+900.00	4.96469	4.61752	5.009485	4.670115	20	100.1897	93.40
51+920.00	5.05428	4.72271	5.65867	4.917325	20	113.1734	98.35
51+940.00	6.26306	5.11194	6.108615	5.091745	20	122.1723	101.83
51+960.00	5.95417	5.07155	6.03291	5.02321	20	120.6582	100.46
51+980.00	6.11165	4.97487	6.10018	5.091955	20	122.0036	101.84
52+000.00	6.08871	5.20904	6.07808	5.262095	20	121.5616	105.24
52+020.00	6.06745	5.31515	6.06086	5.23727	20	121.2172	104.75
52+040.00	6.05427	5.15939	6.04876	5.24861	20	120.9752	104.97
52+060.00	6.04325	5.33783	6.04208	5.16153	20	120.8416	103.23
52+080.00	6.04091	4.98523	6.029635	4.98567	20	120.5927	99.71
52+100.00	6.01836	4.98611	6.01141	5.20029	20	120.2282	104.01
52+120.00	6.00446	5.41447	5.99268	5.29761	20	119.8536	105.95
52+140.00	5.9809	5.18075	5.973655	5.351825	20	119.4731	107.04
52+160.00	5.96641	5.5229	5.960295	5.419065	20	119.2059	108.38
52+180.00	5.95418	5.31523	5.94042	5.344355	20	118.8084	106.89
52+200.00	5.92666	5.37348	5.92026	5.398235	20	118.4052	107.96
52+220.00	5.91386	5.42299	5.906085	5.2788	20	118.1217	105.58
52+240.00	5.89831	5.13461	5.90482	5.351375	20	118.0964	107.03
52+260.00	5.91133	5.56814	5.90355	5.44139	20	118.071	108.83
52+280.00	5.89577	5.31464	5.88915	5.28685	20	117.783	105.74
52+300.00	5.88253	5.25906	5.90718	5.43277	20	118.1436	108.66
52+320.00	5.93183	5.60648	5.892335	5.73715	20	117.8467	114.74
52+340.00	5.85284	5.86782	5.88634	5.62269	20	117.7268	112.45
52+360.00	5.91984	5.37756	5.87809	5.439305	20	117.5618	108.79
52+380.00	5.83634	5.50105	5.827955	5.749315	20	116.5591	114.99
52+400.00	5.81957	5.99758	5.848885	5.845485	20	116.9777	116.91
52+420.00	5.8782	5.69339	5.842685	5.761275	20	116.8537	115.23
52+440.00	5.80717	5.82916	5.75917	5.70046	20	115.1834	114.01
52+460.00	5.71117	5.57176	5.543435	5.607885	20	110.8687	112.16
52+480.00	5.3757	5.64401	5.568755	5.91106	20	111.3751	118.22
52+500.00	5.76181	6.17811	5.840605	5.96228	20	116.8121	119.25
52+520.00	5.9194	5.74645	5.91155	5.669235	20	118.231	113.38
52+540.00	5.9037	5.59202	5.8103	5.64607	20	116.206	112.92
52+560.00	5.7169	5.70012	5.726705	5.37848	20	114.5341	107.57
52+580.00	5.73651	5.05684	5.732305	5.16983	20	114.6461	[illegible]
52+600.00	5.7281	5.28282	5.529965	4.98829	20	110.5993	99.77
52+620.00	5.33183	4.69376	5.32713	4.87778	20	106.5426	97.56
52+640.00	5.32243	5.0618	5.282045	5.094105	20	105.6409	101.88

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
52+660.00	5.24166	5.12641	5.5306	5.383195	20	110.612	107.66
52+680.00	5.81954	5.63998	5.80611	5.32224	20	116.1222	106.44
52+700.00	5.79268	5.0045	5.601955	5.409705	20	112.0391	108.19
52+720.00	5.41123	5.81491	5.291695	5.50435	20	105.8339	110.09
52+740.00	5.17216	5.19379	5.434505	5.166545	20	108.6901	103.33
52+760.00	5.69685	5.1393	5.610865	5.08711	20	112.2173	101.74
52+780.00	5.52488	5.03492	5.566065	5.040055	20	111.3213	100.80
52+800.00	5.60725	5.04519	5.442	5.12341	20	108.84	102.47
52+820.00	5.27675	5.20163	5.336525	5.0657	20	106.7305	101.31
52+840.00	5.3963	4.92977	5.828815	4.959265	20	116.5763	99.19
52+860.00	6.26133	4.98876	6.01686	4.89057	20	120.3372	97.81
52+880.00	5.77239	4.79238	5.776435	4.841595	20	115.5287	96.83
52+900.00	5.78048	4.89081	5.53061	4.87561	20	110.6122	97.51
52+920.00	5.28074	4.86041	5.59659	4.558085	20	111.9318	91.16
52+940.00	5.91244	4.25576	5.88784	4.49276	20	117.7568	89.86
52+960.00	5.86324	4.72976	5.665655	4.823725	20	113.3131	96.47
52+980.00	5.46807	4.91769	5.62094	4.858455	20	112.4188	97.17
53+000.00	5.77381	4.79922	5.8945	5.068125	40	235.78	202.73
53+040.00	6.01519	5.33703	6.069925	5.386315	40	242.797	215.45
53+080.00	6.12466	5.4356	5.94734	5.198475	20	118.9468	103.97
53+100.00	5.77002	4.96135	5.943045	5.084095	40	237.7218	203.36
53+140.00	6.11607	5.20684	5.95854	5.327975	40	238.3416	213.12
53+180.00	5.80101	5.44911	5.893065	5.44817	20	117.8613	108.96
53+200.00	5.98512	5.44723	5.851575	5.371405	40	234.063	214.86
53+240.00	5.71803	5.29558	5.754835	5.40677	40	230.1934	216.27
53+280.00	5.79164	5.51796	5.750325	5.66326	20	115.0065	113.27
53+300.00	5.70901	5.80856	5.876085	5.718195	40	235.0434	228.73
53+340.00	6.04316	5.62783	5.867555	5.506235	40	234.7022	220.25
53+380.00	5.69195	5.38464	5.76258	5.449305	20	115.2516	108.99
53+400.00	5.83321	5.51397	5.986275	5.29865	40	239.451	211.95
53+440.00	6.13934	5.08333	5.811635	5.289085	40	232.4654	211.56
53+480.00	5.48393	5.49484	5.37736	5.25778	20	107.5472	105.16
53+500.00	5.27079	5.02072	5.41535	5.070205	40	216.614	202.81
53+540.00	5.55991	5.11969	5.64637	5.09644	40	225.8548	203.86
53+580.00	5.73283	5.07319	5.518265	5.038025	20	110.3653	100.76
53+600.00	5.3037	5.00286	5.11925	5.179205	40	204.77	207.17
53+640.00	4.9348	5.35555	5.288065	5.342685	40	211.5226	213.71
53+680.00	5.64133	5.32982	5.721645	5.10044	20	114.4329	102.01
53+700.00	5.80196	4.87106	5.724845	5.10743	40	228.9938	204.30
53+740.00	5.64773	5.3438	5.546835	6.00855	40	221.8734	240.34
53+780.00	5.44594	6.6733	5.684015	5.894845	20	113.6803	117.90
53+800.00	5.92209	5.11639	6.01345	5.422935	40	240.538	216.92
53+840.00	6.10481	5.72948	5.665655	5.972995	40	226.6262	238.92
53+880.00	5.2265	6.21651	5.554285	5.06634	20	111.0857	101.33
53+900.00	5.88207	3.91617	5.892615	4.19626	40	235.7046	167.85
53+940.00	5.90316	4.47635	5.7335	5.19571	40	229.34	207.83
53+980.00	5.56384	5.91507	5.597645	5.77837	20	111.9529	115.57
54+000.00	5.63145	5.64167	5.703235	5.23303	40	228.1294	209.32
54+040.00	5.77502	4.82439	5.743685	5.28417	40	229.7474	211.37
54+080.00	5.71235	5.74395	5.65307	5.881885	20	113.0614	117.64
54+100.00	5.59379	6.01982	5.295605	5.94011	40	211.8242	237.60
54+140.00	4.99742	5.8604	5.535655	6.353315	40	221.4262	254.13
54+180.00	6.07389	6.84623	5.725805	6.302095	20	114.5161	126.04
54+200.00	5.37772	5.75796	5.57737	5.92976	40	223.0948	237.19
54+240.00	5.77702	6.10156	5.75306	6.10057	40	230.1224	244.02
54+280.00	5.7291	6.09958	5.598995	6.079345	20	111.9799	121.59
54+300.00	5.46889	6.05911	5.647905	5.70797	40	225.9162	228.32
54+340.00	5.82692	5.35683	6.17926	5.931345	40	247.1704	237.25
54+380.00	6.5316	6.50586	6.078605	5.94687	20	121.5721	118.94
54+400.00	5.62561	5.38788	5.62793	5.699305	40	225.1172	227.97
54+440.00	5.63025	6.01073	5.577105	6.00567	40	223.0842	240.23
54+480.00	5.52396	6.00061	5.516175	6.01327	20	110.3235	120.27
54+500.00	5.50839	6.02593	5.5735	6.305285	40	222.94	252.21
54+540.00	5.63861	6.58464	5.529665	6.161495	40	221.1866	246.46
54+580.00	5.42072	5.73835	5.453955	5.824775	20	109.0791	116.50
54+600.00	5.48719	5.9112	5.486735	5.780865	40	219.4694	231.23
54+640.00	5.48628	5.65053	5.542575	5.70004	40	221.703	228.00
54+680.00	5.59887	5.74955	5.66326	5.89142	20	113.2652	117.83
54+700.00	5.72765	6.03329	5.4098	5.899745	40	216.392	235.99
54+740.00	5.09195	5.7662	5.22442	5.80195	40	208.9768	232.08

125 (Ciento Veinte y Cinco)

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
54+780.00	5.35689	5.8377	4.545335	4.61647	20	90.9067	92.33
54+800.00	3.73378	3.39524	4.370285	3.96412	40	174.8114	158.56
54+840.00	5.00679	4.533	4.72464	4.697815	40	188.9856	187.91
54+880.00	4.44249	4.86263	4.498245	4.78276	20	89.9649	95.66
54+900.00	4.554	4.70289	4.55425	4.73047	40	182.17	189.22
54+940.00	4.5545	4.75805	4.648985	4.729885	40	185.9594	189.20
54+980.00	4.74347	4.70172	4.714945	4.536535	20	94.2989	90.73
55+000.00	4.68642	4.37135	5.262515	4.858	40	210.5006	194.32
55+040.00	5.83861	5.34465	5.42186	5.582315	40	216.8744	223.29
55+080.00	5.00511	5.81998	5.000685	5.591505	20	100.0137	111.83
55+100.00	4.99626	5.36303	5.294325	5.497395	40	211.773	219.90
55+140.00	5.59239	5.63176	5.81443	5.59479	40	232.5772	223.79
55+180.00	6.03647	5.55782	5.40151	5.456505	20	108.0302	109.13
55+200.00	4.76655	5.35519	5.116965	5.335595	40	204.6786	213.42
55+240.00	5.46738	5.316	5.721635	5.319715	40	228.8654	212.79
55+280.00	5.97589	5.32343	5.82806	5.280435	20	116.5612	105.61
55+300.00	5.68023	5.23744	5.569285	5.211905	40	222.7714	208.48
55+340.00	5.45834	5.18637	5.89893	5.181055	40	235.9572	207.24
55+380.00	6.33952	5.17574	6.192225	5.124285	20	123.8445	102.49
55+400.00	6.04493	5.07283	5.894405	5.145275	40	235.7762	205.81
55+440.00	5.74388	5.21772	5.260295	5.01817	40	210.4118	200.73
55+480.00	4.77671	4.81862	4.769535	4.730155	20	95.3907	94.60
55+500.00	4.76236	4.64169	4.66755	4.610785	40	186.702	184.43
55+540.00	4.57274	4.57988	4.791855	4.46984	40	191.6742	178.79
55+580.00	5.01097	4.3598	4.793515	4.08071	20	95.8703	81.61
55+600.00	4.57606	3.80162	3.79347	3.305475	40	151.7388	132.22
55+640.00	3.01088	2.80933	3.21018	3.367115	40	128.4072	134.68
55+680.00	3.40948	3.9249	3.839245	3.96826	20	76.7849	79.37
55+700.00	4.26901	4.01162	4.661925	4.098625	40	186.477	163.95
55+740.00	5.05484	4.18563	5.156415	4.18244	40	206.2566	167.30
55+780.00	5.25799	4.17925	4.874385	4.017335	20	97.4877	80.35
55+800.00	4.49078	3.85542	4.62756	3.95634	40	185.1024	158.25
55+840.00	4.76434	4.05726	4.903005	3.983555	40	196.1202	159.34
55+880.00	5.04167	3.90985	4.43376	3.82275	20	88.6752	76.46
55+900.00	3.82585	3.73565	4.230905	3.893595	40	169.2362	155.74
55+940.00	4.63596	4.05154	4.31811	3.84638	40	172.7244	153.86
55+980.00	4.00026	3.64122	3.993685	3.67947	20	79.8737	73.59
56+000.00	3.98711	3.71772	4.620645	4.283705	20	92.4129	85.67
56+020.00	5.25418	4.84969	5.30234	4.71775	20	106.0468	94.36
56+040.00	5.3505	4.58581	5.774615	4.511115	20	115.4923	90.22
56+060.00	6.19873	4.43642	6.676595	4.529625	20	133.5319	90.59
56+080.00	7.15446	4.62283	7.100485	4.533215	20	142.0097	90.66
56+100.00	7.04651	4.4436	5.798675	4.55114	20	115.9735	91.02
56+120.00	4.55084	4.65868	4.663785	4.825265	20	93.2757	96.51
56+140.00	4.77673	4.99185	4.77673	4.816585	20	95.5346	96.33
56+160.00	4.77673	4.64132	4.60609	4.596615	20	92.1218	91.93
56+180.00	4.43545	4.55191	4.62381	4.61648	20	92.4762	92.33
56+200.00	4.81217	4.68105	4.744965	4.749425	20	94.8993	94.99
56+220.00	4.67776	4.8178	4.76932	4.74076	20	95.3864	94.82
56+240.00	4.86088	4.66372	4.893665	4.547255	20	97.8733	90.95
56+260.00	4.92645	4.43079	4.998525	4.56457	20	99.9705	91.29
56+280.00	5.0706	4.69835	6.188025	4.761165	20	123.7605	95.22
56+300.00	7.30545	4.82398	6.80699	4.703235	20	136.1398	94.06
56+320.00	6.30853	4.58249	6.164975	4.61453	20	123.2995	92.29
56+340.00	6.02142	4.64657	5.75226	4.66907	20	115.0452	93.38
56+360.00	5.4831	4.69157	5.71562	4.699265	20	114.3124	93.99
56+380.00	5.94814	4.70696	6.2576	4.888715	20	125.152	97.77
56+400.00	6.56706	5.07047	6.22135	5.0117	20	124.427	100.23
56+420.00	5.87564	4.95293	6.43446	5.24817	20	128.6892	104.96
56+440.00	6.99328	5.54341	7.304245	5.551785	20	146.0849	111.04
56+460.00	7.61521	5.56016	6.973405	5.672095	20	139.4681	113.44
56+480.00	6.3316	5.78403	6.142855	5.63046	20	122.8571	112.61
56+500.00	5.95411	5.47689	5.76472	5.19338	20	115.2944	103.87
56+520.00	5.57533	4.90987	5.518285	4.654925	20	110.3657	93.10
56+540.00	5.46124	4.39998	5.472425	4.36316	20	109.4485	87.26
56+560.00	5.48361	4.32634	5.24762	4.385465	20	104.9524	87.71
56+580.00	5.01163	4.44459	4.94894	4.62456	20	98.9788	92.49
56+600.00	4.88625	4.80453	4.93605	4.810405	20	98.721	96.21
56+620.00	4.98585	4.81628	5.05071	4.74	20	101.0142	94.80
56+640.00	5.11557	4.66372	5.25695	4.727315	20	105.139	94.55

(Ciento Veinte y Seis)

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
56+660.00	5.39833	4.79091	5.652485	4.73025	20	113.0497	94.61
56+680.00	5.90664	4.66959	5.69864	4.718595	20	113.9728	94.37
56+700.00	5.49064	4.7676	5.79176	4.94803	20	115.8352	98.96
56+720.00	6.09288	5.12846	6.626995	5.06845	20	132.5399	101.37
56+740.00	7.16111	5.00844	6.38873	4.86752	20	127.7746	97.35
56+760.00	5.61635	4.7266	5.369465	4.914265	20	107.3893	98.29
56+780.00	5.12258	5.10193	5.802955	5.05402	20	116.0591	101.08
56+800.00	6.48333	5.00611	6.054385	5.06318	20	121.0877	101.26
56+820.00	5.62544	5.12025	5.411745	5.05459	20	108.2349	101.09
56+840.00	5.19805	4.98893	5.390505	5.05624	20	107.8101	101.12
56+860.00	5.58296	5.12355	5.45809	5.104035	20	109.1618	102.08
56+880.00	5.33322	5.08452	5.22622	4.97311	20	104.5244	99.46
56+900.00	5.11922	4.8617	5.37399	4.9456	20	107.4798	98.91
56+920.00	5.62876	5.0295	5.4891	5.18947	20	109.782	103.79
56+940.00	5.34944	5.34944	5.514835	5.52273	20	110.2967	110.45
56+960.00	5.68023	5.69602	5.71191	5.646665	20	114.2382	112.93
56+980.00	5.74359	5.59731	5.62242	5.63764	20	112.4484	112.75
57+000.00	5.50125	5.67797	5.50007	5.864545	20	110.0014	117.29
57+020.00	5.49889	6.05112	5.531505	5.98657	20	110.6301	119.73
57+040.00	5.56412	5.92202	5.585425	5.771215	20	111.7085	115.42
57+060.00	5.60673	5.62041	5.600155	5.595585	20	112.0031	111.91
57+080.00	5.59358	5.57076	5.5909	5.666645	20	111.818	113.33
57+100.00	5.58822	5.76253	5.58976	5.836635	20	111.7952	116.73
57+120.00	5.5913	5.91074	5.6756	5.869535	20	113.512	117.39
57+140.00	5.7599	5.82833	5.641375	5.83025	20	112.8275	116.61
57+160.00	5.52285	5.83217	5.407625	5.847495	20	108.1525	116.95
57+180.00	5.2924	5.86282	5.373495	7.5636	20	107.4699	151.27
57+200.00	5.45459	9.26438	5.26892	7.53832	20	105.3784	150.77
57+220.00	5.08325	5.81226	5.27382	6.04422	20	105.4764	120.88
57+240.00	5.46439	6.27618	5.515885	6.56135	20	110.3177	131.23
57+260.00	5.56738	6.84652	5.45648	7.25449	20	109.1296	145.09
57+280.00	5.34558	7.66246	5.36234	7.265115	20	107.2468	145.30
57+300.00	5.3791	6.86777	5.40624	6.59764	20	108.1248	131.95
57+320.00	5.43338	6.32751	5.43277	5.99453	20	108.6554	119.89
57+340.00	5.43216	5.66155	5.347445	5.25127	20	106.9489	105.03
57+360.00	5.26273	4.84099	5.271845	4.57167	20	105.4369	91.43
57+380.00	5.28096	4.30235	4.815895	4.92129	20	96.3179	98.43
57+400.00	4.35083	5.54023	4.884745	4.888175	20	97.6949	97.76
57+420.00	5.41866	4.23612	5.39102	5.05672	20	107.8204	101.13
57+440.00	5.36338	5.87732	5.321005	5.927365	20	106.4201	118.55
57+460.00	5.27863	5.97741	5.343635	5.909895	20	106.8727	118.20
57+480.00	5.40864	5.84238	5.44635	6.07864	20	108.927	121.57
57+500.00	5.48406	6.3149	5.45421	6.111005	20	109.0842	122.22
57+520.00	5.42436	5.90711	5.338985	5.60116	20	106.7797	112.02
57+540.00	5.25361	5.29521	5.23293	5.214715	20	104.6586	104.29
57+560.00	5.21225	5.13422	5.21197	5.14335	20	104.2394	102.87
57+580.00	5.21169	5.15248	5.13387	5.36162	20	102.6774	107.23
57+600.00	5.05605	5.57076	5.0755	5.44601	20	101.51	108.92
57+620.00	5.09495	5.32126	5.05046	5.341875	20	101.0092	106.84
57+640.00	5.00597	5.36249	5.01191	5.408445	20	100.2382	108.17
57+660.00	5.01785	5.4544	4.95091	5.625525	20	99.0182	112.51
57+680.00	4.88397	5.79665	4.86562	5.49032	20	97.3124	109.81
57+700.00	4.84727	5.18399	4.98017	5.34451	20	99.6034	106.89
57+720.00	5.11307	5.50503	5.1238	5.38687	20	102.476	107.74
57+740.00	5.13453	5.26871	5.185585	5.208455	20	103.7117	104.17
57+760.00	5.23664	5.1482	5.28559	5.21695	20	105.7118	104.34
57+780.00	5.33454	5.2857	5.28837	5.332245	20	105.7674	106.64
57+800.00	5.2422	5.37879	5.080665	5.369555	20	101.6133	107.39
57+820.00	4.91913	5.36032	5.112785	5.462725	20	102.2557	109.25
57+840.00	5.30644	5.56513	5.29911	5.64955	20	105.9822	112.99
57+860.00	5.29178	5.73397	5.30134	5.65807	20	106.0268	113.16
57+880.00	5.3109	5.58217	5.527675	5.57401	20	110.5535	111.48
57+900.00	5.74445	5.56585	5.937275	5.790325	20	118.7455	115.81
57+920.00	6.1301	6.0148	5.854995	5.856875	20	117.0999	117.14
57+940.00	5.57989	5.69895	5.61887	5.677725	20	112.3774	113.55
57+960.00	5.65785	5.6565	5.60632	5.112575	20	112.1264	102.25
57+980.00	5.55479	4.56865	5.45165	4.738845	20	[illegible]	[illegible]
58+000.00	5.34851	4.90904	5.5729	5.286645	20	111.458	105.73
58+020.00	5.79729	5.66425	5.935635	5.76871	20	118.7127	115.37
58+040.00	6.07398	5.87317	5.9629	5.864905	20	119.258	117.30

(Ciento Veinte y Siete)

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
58+060.00	5.85182	5.85664	5.866155	5.76032	20	117.3231	115.21
58+080.00	5.88049	5.664	5.655995	5.58928	20	113.1199	111.79
58+100.00	5.4315	5.51456	5.633395	5.611395	20	112.6679	112.23
58+120.00	5.83529	5.70823	5.755205	5.67942	20	115.1041	113.59
58+140.00	5.67512	5.65061	5.67313	5.75227	20	113.4626	115.05
58+160.00	5.67114	5.85393	5.72052	5.822115	20	114.4104	116.44
58+180.00	5.7699	5.7903	5.812135	5.96721	20	116.2427	119.34
58+200.00	5.85437	6.14412	5.71713	5.921535	20	114.3426	118.43
58+220.00	5.57989	5.69895	5.61887	5.677725	20	112.3774	113.55
58+240.00	5.65785	5.6565	5.60632	5.112575	20	112.1264	102.25
58+260.00	5.55479	4.56865	5.45165	4.738845	20	109.033	94.78
58+280.00	5.34851	4.90904	5.5729	5.286645	20	111.458	105.73
58+300.00	5.79729	5.66425	5.935635	5.76871	20	118.7127	115.37
58+320.00	6.07398	5.87317	5.9629	5.864905	20	119.258	117.30
58+340.00	5.85182	5.85664	5.866155	5.76032	20	117.3231	115.21
58+360.00	5.88049	5.664	5.655995	5.58928	20	113.1199	111.79
58+380.00	5.4315	5.51456	5.633395	5.611395	20	112.6679	112.23
58+400.00	5.83529	5.70823	5.70759	5.70359	20	114.1518	114.07
58+420.00	5.57989	5.69895	5.61887	5.677725	20	112.3774	113.55
58+440.00	5.65785	5.6565	5.60632	5.112575	20	112.1264	102.25
58+460.00	5.55479	4.56865	5.45165	4.738845	20	109.033	94.78
58+480.00	5.34851	4.90904	5.5729	5.286645	20	111.458	105.73
58+500.00	5.79729	5.66425	5.68859	5.6816	20	113.7718	113.63
58+520.00	5.57989	5.69895	5.61887	5.677725	20	112.3774	113.55
58+540.00	5.65785	5.6565	5.60632	5.112575	20	112.1264	102.25
58+560.00	5.55479	4.56865	5.45165	4.738845	20	109.033	94.78
58+580.00	5.34851	4.90904	5.5729	5.286645	20	111.458	105.73
58+600.00	5.79729	5.66425	5.935635	5.76871	20	118.7127	115.37
58+620.00	6.07398	5.87317	5.9629	5.864905	20	119.258	117.30
58+640.00	5.85182	5.85664	5.866155	5.76032	20	117.3231	115.21
58+660.00	5.88049	5.664	5.655995	5.58928	20	113.1199	111.79
58+680.00	5.4315	5.51456	5.633395	5.611395	20	112.6679	112.23
58+700.00	5.83529	5.70823	7.33527	2.854115	20	146.7054	57.08
58+720.00	8.83525		9.21589	3.994865	20	184.3178	79.90
58+740.00	9.59653	7.98973	9.21589	3.994865	20	184.3178	79.90
58+760.00	8.83525		9.21589	3.994865	20	184.3178	79.90
58+780.00	9.59653	7.98973	10.02305	8.650225	20	200.461	173.00
58+800.00	10.44957	9.31072	10.02305	8.650225	20	200.461	173.00
58+820.00	9.59653	7.98973	10.02305	8.650225	20	200.461	173.00
58+840.00	10.44957	9.31072	8.261775	7.591945	20	165.2355	151.84
58+860.00	6.07398	5.87317	5.9629	5.864905	20	119.258	117.30
58+880.00	5.85182	5.85664	5.866155	5.76032	20	117.3231	115.21
58+900.00	5.88049	5.664	5.655995	5.58928	20	113.1199	111.79
58+920.00	5.4315	5.51456	5.633395	5.611395	20	112.6679	112.23
58+940.00	5.83529	5.70823	7.33527	2.854115	20	146.7054	57.08
58+960.00	8.83525		9.21589	3.994865	20	184.3178	79.90
58+980.00	9.59653	7.98973	9.21589	3.994865	20	184.3178	79.90
59+000.00	8.83525		9.21589	3.994865	20	184.3178	79.90
59+020.00	9.59653	7.98973	10.02305	8.650225	20	200.461	173.00
59+040.00	10.44957	9.31072	10.02305	8.650225	20	200.461	173.00
59+060.00	9.59653	7.98973	10.02305	8.650225	20	200.461	173.00
59+080.00	10.44957	9.31072	8.261775	7.591945	20	165.2355	151.84
59+100.00	6.07398	5.87317	5.9629	5.864905	20	119.258	117.30
59+120.00	5.85182	5.85664	5.866155	5.76032	20	117.3231	115.21
59+140.00	5.88049	5.664	5.655995	5.58928	20	113.1199	111.79
59+160.00	5.4315	5.51456	5.633395	5.611395	20	112.6679	112.23
59+180.00	5.83529	5.70823	7.33527	2.854115	20	146.7054	57.08
59+200.00	8.83525		9.21589	3.994865	20	184.3178	79.90
59+220.00	9.59653	7.98973	9.21589	3.994865	20	184.3178	79.90
59+240.00	8.83525		9.21589	3.994865	20	184.3178	79.90
59+260.00	9.59653	7.98973	10.02305	8.650225	20	200.461	173.00
59+280.00	10.44957	9.31072	10.02305	8.650225	20	200.461	173.00
59+300.00	9.59653	7.98973	10.02305	8.650225	20	200.461	173.00
59+320.00	10.44957	9.31072	11.025975	4.65536	20	220.5195	93.11
59+340.00	11.60238		11.490575		20	229.8115	
59+360.00	11.37877		11.12162	5.722925	20	222.4324	114.46
59+380.00	10.86447	11.44585	11.1887	11.557655	20	223.774	231.15
59+400.00	11.51293	11.66946	11.613555	11.524115	20	232.2711	230.48
59+420.00	11.71418	11.37877	11.545355	11.6348	20	230.9071	232.70
59+440.00	11.37653	11.89083	8.725255	8.882	20	174.5051	177.64

(Ciento Veinte y Ocho)

Planilla de Area de Taludes
Obra: Km 40 - Alberdi Tramo: 13480 -24000
Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
59+460.00	6.07398	5.87317	5.9629	5.864905	20	119.258	117.30
59+480.00	5.85182	5.85664	5.866155	5.76032	20	117.3231	115.21
59+500.00	5.88049	5.664	5.655995	5.58928	20	113.1199	111.79
59+520.00	5.4315	5.51456	5.633395	5.611395	20	112.6679	112.23
59+540.00	5.83529	5.70823	7.33527	2.854115	20	146.7054	57.08
59+560.00	8.83525		9.21589	3.994865	20	184.3178	79.90
59+580.00	9.59653	7.98973	7.835255	6.93145	20	156.7051	138.63
59+600.00	6.07398	5.87317	5.9629	5.864905	20	119.258	117.30
59+620.00	5.85182	5.85664	5.866155	5.76032	20	117.3231	115.21
59+640.00	5.88049	5.664	5.655995	5.58928	20	113.1199	111.79
59+660.00	5.4315	5.51456	5.633395	5.611395	20	112.6679	112.23
59+680.00	5.83529	5.70823	7.33527	2.854115	20	146.7054	57.08
59+700.00	8.83525		9.21589	3.994865	20	184.3178	79.90
59+720.00	9.59653	7.98973	9.21589	3.994865	20	184.3178	79.90
59+740.00	8.83525		9.21589	3.994865	20	184.3178	79.90
59+760.00	9.59653	7.98973	10.02305	8.650225	20	200.461	173.00
59+780.00	10.44957	9.31072	10.02305	8.650225	20	200.461	173.00
59+800.00	9.59653	7.98973	10.02305	8.650225	20	200.461	173.00
59+820.00	10.44957	9.31072	5.224785	4.65536	20	104.4957	93.11
59+840.00			5.710845	5.148465	20	114.2169	102.97
59+860.00	11.42169	10.29693	11.4852	9.84874	20	229.704	196.97
59+880.00	11.54871	9.40055	11.33289	9.491625	20	226.6578	189.83
59+900.00	11.11707	9.5827	11.444695	10.3421	20	228.8939	206.84
59+920.00	11.77232	11.1015	10.831045	10.9859	20	216.6209	219.72
59+940.00	9.88977	10.8703	10.97639	10.954905	20	219.5278	219.10
59+960.00	12.06301	11.03951	12.17481	11.126405	20	243.4962	222.53
59+980.00	12.28661	11.2133	12.53258	11.414545	20	250.6516	228.29
60+000.00	12.77855	11.61579	11.8891	11.50863	20	237.782	230.17
60+020.00	10.99965	11.40147	11.077085	11.326335	20	221.5417	226.53
60+040.00	11.15452	11.2512	11.09652	11.376475	20	221.9304	227.53
60+060.00	11.03852	11.50175	11.00622	11.45703	20	220.1244	229.14
60+080.00	10.97392	11.41231	11.076045	11.41231	20	221.5209	228.25
60+100.00	11.17817	11.41231	11.157855	11.300505	20	223.1571	226.01
60+120.00	11.13754	11.1887	11.3012	11.345225	20	226.024	226.90
60+140.00	11.46486	11.50175	11.43441	10.80984	20	228.6882	216.20
60+160.00	11.40396	10.11793	11.47212	10.921645	20	229.4424	218.43
60+180.00	11.54028	11.72536	11.41516	11.556535	20	228.3032	231.13
60+200.00	11.29004	11.38771	11.42832	11.577775	20	228.5664	231.56
60+220.00	11.5666	11.76784	11.678405	11.71194	20	233.5681	234.24
60+240.00	11.79021	11.65604	11.63845	11.823745	20	232.769	236.47
60+260.00	11.48669	11.99145	11.4428	11.823745	20	228.856	236.47
60+280.00	11.39891	11.65604	11.444835	11.745485	20	228.8967	234.91
60+300.00	11.49076	11.83493	11.88645	11.756665	20	237.729	235.13
60+320.00	12.28214	11.6784	11.89101	11.443615	20	237.8202	228.87
60+340.00	11.49988	11.20883	11.44797	11.20771	20	228.9594	224.15
60+360.00	11.39606	11.20659	11.35073	11.15069	20	227.0146	223.01
60+380.00	11.3054	11.09479	8.68969	8.48398	20	173.7938	169.68
60+400.00	6.07398	5.87317	8.780335	8.93231	20	175.6067	178.65
60+420.00	11.48669	11.99145	11.4428	11.823745	20	228.856	236.47
60+440.00	11.39891	11.65604	11.444835	11.745485	20	228.8967	234.91
60+460.00	11.49076	11.83493	11.88645	11.756665	20	237.729	235.13
60+480.00	12.28214	11.6784	11.89101	11.443615	20	237.8202	228.87
60+500.00	11.49988	11.20883	11.493285	11.60014	20	229.8657	232.00
60+520.00	11.48669	11.99145	11.4428	11.823745	20	228.856	236.47
60+540.00	11.39891	11.65604	11.444835	11.745485	20	228.8967	234.91
60+560.00	11.49076	11.83493	11.88645	11.756665	20	237.729	235.13
60+580.00	12.28214	11.6784	11.89101	11.443615	20	237.8202	228.87
60+600.00	11.49988	11.20883	11.493285	11.60014	20	229.8657	232.00
60+620.00	11.48669	11.99145	11.4428	11.823745	20	228.856	236.47
60+640.00	11.39891	11.65604	11.444835	11.745485	20	228.8967	234.91
60+660.00	11.49076	11.83493	11.88645	11.756665	20	237.729	235.13
60+680.00	12.28214	11.6784	11.840525	11.66722	20	236.8105	233.34
60+700.00	11.39891	11.65604	11.444835	11.745485	20	228.8967	234.91
60+720.00	11.49076	11.83493	11.88645	11.756665	20	237.729	235.13
60+740.00	12.28214	11.6784	11.89101	11.443615	20	237.8202	228.87
60+760.00	11.49988	11.20883	11.493285	11.60014	20	229.8657	232.00
60+780.00	11.48669	11.99145	11.4428	11.823745	20	228.856	236.47
60+800.00	11.39891	11.65604	11.444835	11.745485	20	228.8967	234.91
60+820.00	11.49076	11.83493	11.88645	11.756665	20	237.729	235.13
60+840.00	12.28214	11.6784	11.840525	11.66722	20	236.8105	233.34

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
60+860.00	11.39891	11.65604	11.444835	11.745485	20	228.8967	234.91
60+880.00	11.49076	11.83493	11.88645	11.756665	20	237.729	235.13
60+900.00	12.28214	11.6784	11.89101	11.443615	20	237.8202	228.87
60+920.00	11.49988	11.20883	11.493285	11.60014	20	229.8657	232.00
60+940.00	11.48669	11.99145	11.4428	11.823745	20	228.856	236.47
60+960.00	11.39891	11.65604	11.444835	11.745485	20	228.8967	234.91
60+980.00	11.49076	11.83493	11.88645	11.756665	20	237.729	235.13
61+000.00	12.28214	11.6784	11.89101	11.443615	20	237.8202	228.87
61+020.00	11.49988	11.20883	11.493285	11.60014	20	229.8657	232.00
61+040.00	11.48669	11.99145	11.4428	11.823745	20	228.856	236.47
61+060.00	11.39891	11.65604	11.444835	11.745485	20	228.8967	234.91
61+080.00	11.49076	11.83493	11.88645	11.756665	20	237.729	235.13
61+100.00	12.28214	11.6784	11.7181	11.83715	20	234.362	236.74
61+120.00	11.15406	11.9959	11.21796	12.030065	20	224.3592	240.60
61+140.00	11.28186	12.06423	11.228715	12.03914	20	224.5743	240.78
61+160.00	11.17557	12.01405	11.34301	12.107845	20	226.8602	242.16
61+180.00	11.51045	12.20164	5.755225	6.10082	20	115.1045	122.02
61+200.00			6.180995	5.462915	20	123.6199	109.26
61+220.00	12.36199	10.92583	12.358475	10.60595	20	247.1695	212.12
61+240.00	12.35496	10.28607	10.752995	9.370705	20	215.0599	187.41
61+260.00	9.15103	8.45534	8.56246	8.55063	20	171.2492	171.01
61+280.00	7.97389	8.64592	9.74217	10.42378	20	194.8434	208.48
61+300.00	11.51045	12.20164	5.755225	6.10082	20	115.1045	122.02
61+320.00			6.180995	5.462915	20	123.6199	109.26
61+340.00	12.36199	10.92583	12.358475	10.60595	20	247.1695	212.12
61+360.00	12.35496	10.28607	10.752995	9.370705	20	215.0599	187.41
61+380.00	9.15103	8.45534	8.56246	8.55063	20	171.2492	171.01
61+400.00	7.97389	8.64592	9.732325	10.240425	20	194.6465	204.81
61+420.00	11.49076	11.83493	11.88645	11.756665	20	237.729	235.13
61+440.00	12.28214	11.6784	11.896295	11.94002	20	237.9259	238.80
61+460.00	11.51045	12.20164	5.755225	6.10082	20	115.1045	122.02
61+480.00			6.180995	5.462915	20	123.6199	109.26
61+500.00	12.36199	10.92583	12.358475	10.60595	20	247.1695	212.12
61+520.00	12.35496	10.28607	11.932705	11.243855	20	238.6541	224.88
61+540.00	11.51045	12.20164	5.755225	6.10082	20	115.1045	122.02
61+560.00			6.180995	5.462915	20	123.6199	109.26
61+580.00	12.36199	10.92583	12.358475	10.60595	20	247.1695	212.12
61+600.00	12.35496	10.28607	11.932705	11.243855	20	238.6541	224.88
61+620.00	11.51045	12.20164	5.755225	6.10082	20	115.1045	122.02
61+640.00			6.180995	5.462915	20	123.6199	109.26
61+660.00	12.36199	10.92583	12.358475	10.60595	20	247.1695	212.12
61+680.00	12.35496	10.28607	10.752995	9.370705	20	215.0599	187.41
61+700.00	9.15103	8.45534	8.56246	8.55063	20	171.2492	171.01
61+720.00	7.97389	8.64592	9.74217	10.42378	20	194.8434	208.48
61+740.00	11.51045	12.20164	5.755225	6.10082	20	115.1045	122.02
61+760.00			6.180995	5.462915	20	123.6199	109.26
61+780.00	12.36199	10.92583	12.358475	10.60595	20	247.1695	212.12
61+800.00	12.35496	10.28607	10.752995	9.370705	20	215.0599	187.41
61+820.00	9.15103	8.45534	8.56246	8.55063	20	171.2492	171.01
61+840.00	7.97389	8.64592	9.74217	10.42378	20	194.8434	208.48
61+860.00	11.51045	12.20164	5.755225	6.10082	20	115.1045	122.02
61+880.00			6.180995	5.462915	20	123.6199	109.26
61+900.00	12.36199	10.92583	12.358475	10.60595	20	247.1695	212.12
61+920.00	12.35496	10.28607	11.932705	11.243855	20	238.6541	224.88
61+940.00	11.51045	12.20164	5.755225	6.10082	20	115.1045	122.02
61+960.00			6.180995	5.462915	20	123.6199	109.26
61+980.00	12.36199	10.92583	12.358475	10.60595	20	247.1695	212.12
62+000.00	12.35496	10.28607	10.752995	9.370705	20	215.0599	187.41
62+020.00	9.15103	8.45534	8.56246	8.55063	20	171.2492	171.01
62+040.00	7.97389	8.64592	10.88716	10.82683	20	217.7432	216.54
62+060.00	13.80043	13.00774	6.900215	13.14439	20	138.0043	262.89
62+080.00		13.28104	6.978475	13.33596	20	139.5695	266.72
62+100.00	13.95695	13.39088	6.978475	13.339235	20	139.5695	266.78
62+120.00		13.28759	7.0109	13.421215	20	140.218	268.42
62+140.00	14.0218	13.55484	13.98826	13.63938	20	279.7652	272.79
62+160.00	13.95472	13.72392	13.876455	13.725425	20	277.5291	274.51
62+180.00	13.79819	13.72693	13.523645	13.76256	20	270.4729	[illegible]
62+200.00	13.2491	13.79819	13.201715	13.55979	20	264.0343	271.20
62+220.00	13.15433	13.32139	13.079795	13.24455	20	261.5959	264.89
62+240.00	13.00526	13.16771	13.163325	13.206885	20	263.2665	264.14

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
62+260.00	13.32139	13.24606	13.284595	13.1596	20	265.6919	263.19
62+280.00	13.2478	13.07314	13.046655	6.53657	20	260.9331	130.73
62+300.00	12.84551		13.01765	6.483735	20	260.353	129.67
62+320.00	13.18979	12.96747	13.21112	12.873315	20	264.2224	257.47
62+340.00	13.23245	12.77916	13.117335	12.72947	20	262.3467	254.59
62+360.00	13.00222	12.67978	12.795205	12.654935	20	255.9041	253.10
62+380.00	12.58819	12.63009	12.75965	12.636405	20	255.193	252.73
62+400.00	12.93111	12.64272	13.054595	12.79022	20	261.0919	255.80
62+420.00	13.17808	12.93772	13.25192	12.994015	20	265.0384	259.88
62+440.00	13.32576	13.05031	13.25727	13.158995	20	265.1454	263.18
62+460.00	13.18878	13.26768	13.33469	13.279095	20	266.6938	265.58
62+480.00	13.4806	13.29051	13.05995	13.645655	20	261.199	272.91
62+500.00	12.6393	14.0008	12.751695	14.090245	20	255.0339	281.80
62+520.00	12.86409	14.17969	12.932045	14.17969	20	258.6409	283.59
62+540.00	13	14.17969	12.79974	14.090245	20	255.9948	281.80
62+560.00	12.59948	14.0008	12.315085	13.823315	20	246.3017	276.47
62+580.00	12.03069	13.64583	11.374725	13.541775	20	227.4945	270.84
62+600.00	10.71876	13.43772	10.21312	13.16487	20	204.2624	263.30
62+620.00	9.70748	12.89202	9.82345	11.88093	20	196.469	237.62
62+640.00	9.93942	10.86984	8.984925	10.319965	20	179.6985	206.40
62+660.00	8.03043	9.77009	7.89102	9.610665	20	157.8204	192.21
62+680.00	7.75161	9.45124	8.110225	9.65311	20	162.2045	193.06
62+700.00	8.46884	9.85498	8.430275	10.000255	20	168.6055	200.01
62+720.00	8.39171	10.14553	8.57117	10.258315	20	171.4234	205.17
62+740.00	8.75063	10.3711	9.353075	10.716045	20	187.0615	214.32
62+760.00	9.95552	11.06099	10.530785	11.296025	20	210.6157	225.92
62+780.00	11.10605	11.53106	11.33225	12.036975	20	226.645	240.74
62+800.00	11.55845	12.54289	11.17445	12.397545	20	223.489	247.95
62+820.00	10.79045	12.2522	11.4076	11.992135	20	228.152	239.84
62+840.00	12.02475	11.73207	12.26972	11.730975	20	245.3944	234.62
62+860.00	12.51469	11.72988	12.626495	11.8875	20	252.5299	237.75
62+880.00	12.7383	12.04512	12.7383	12.13456	20	254.766	242.69
62+900.00	12.7383	12.224	12.648855	12.44761	20	252.9771	248.95
62+920.00	12.55941	12.67122	12.670095	12.558295	20	253.4019	251.17
62+940.00	12.78078	12.44537	12.836685	12.501275	20	256.7337	250.03
62+960.00	12.89259	12.55718	12.87023	12.61308	20	257.4046	252.26
62+980.00	12.84787	12.66898	12.92613	12.66898	20	258.5226	253.38
63+000.00	13.00439	12.66898	12.758425	12.445375	20	255.1685	248.91
63+020.00	12.51246	12.22177	12.490095	12.109965	20	249.8019	242.20
63+040.00	12.46773	11.99816	12.43419	11.19011	20	248.6838	223.80
63+060.00	12.40065	10.38206	12.456555	11.335455	20	249.1311	226.71
63+080.00	12.51246	12.28885	12.399535	11.68034	20	247.9907	233.61
63+100.00	12.28661	11.07183	12.14722	11.530825	20	242.9444	230.62
63+120.00	12.00783	11.98982	12.100605	11.96639	20	242.0121	239.33
63+140.00	12.19338	11.94296	12.05972	12.002995	20	241.1944	240.06
63+160.00	11.92606	12.06303	11.63011	11.969325	20	232.6022	239.39
63+180.00	11.33416	11.87562	11.651225	11.93009	20	233.0245	238.60
63+200.00	11.96829	11.98456	12.18657	11.97373	20	243.7314	239.47
63+220.00	12.40485	11.9629	12.247915	12.01574	20	244.9583	240.31
63+240.00	12.09098	12.06858	12.161805	12.077155	20	243.2361	241.54
63+260.00	12.23263	12.08573	12.17306	12.044355	20	243.4612	240.89
63+280.00	12.11349	12.00298	12.23685	11.995305	20	244.737	239.91
63+300.00	12.36021	11.98763	12.29659	11.965955	20	245.9318	239.32
63+320.00	12.23297	11.94428	12.15299	11.93304	20	243.0598	238.66
63+340.00	12.07301	11.9218	12.073405	11.949355	20	241.4681	238.99
63+360.00	12.0738	11.97691	12.0377	12.051605	20	240.754	241.03
63+380.00	12.0016	12.1263	12.038765	11.95018	20	240.7753	239.00
63+400.00	12.07593	11.77406	12.06135	11.30938	20	241.227	226.19
63+420.00	12.04677	10.8447	12.25008	10.97943	20	245.0016	219.59
63+440.00	12.45339	11.11416	12.12585	11.302745	20	242.517	226.05
63+460.00	11.79831	11.49133	11.89524	11.74991	20	237.9048	235.00
63+480.00	11.99217	12.00849	12.186835	12.120375	20	243.7367	242.41
63+500.00	12.3815	12.23226	12.2639	11.98523	20	245.278	239.70
63+520.00	12.1463	11.7382	6.07315	5.8691	20	121.463	117.38
63+540.00					20		
63+560.00					20		
63+580.00			5.907605	5.997995	20	118.1521	119.96
63+600.00	11.81521	11.99599	11.861625	5.997995	20	237.2325	119.96
63+620.00	11.90804		11.93238	6.134235	20	238.6476	122.68
63+640.00	11.95672	12.26847	12.032325	12.092895	20	240.6465	241.86

(Ciento Treinta y Un)

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
63+660.00	12.10793	11.91732	12.181035	12.03921	20	243.6207	240.78
63+680.00	12.25414	12.1611	12.22503	12.36029	20	244.5006	247.21
63+700.00	12.19592	12.55948	12.19829	6.27974	20	243.9658	125.59
63+720.00	12.20066		12.31319	6.23357	20	246.2638	124.67
63+740.00	12.42572	12.46714	12.797825	12.417655	20	255.9565	248.35
63+760.00	13.16993	12.36817	6.584965	6.184085	20	131.6993	123.68
63+780.00			6.472595	6.034245	20	129.4519	120.68
63+800.00	12.94519	12.06849	12.86033	12.418955	20	257.2066	248.38
63+820.00	12.77547	12.76942	6.387735	13.41797	20	127.7547	268.36
63+840.00		14.06652		13.842915	20		276.86
63+860.00		13.61931		13.327275	20		266.55
63+880.00		13.03524	6.808535	13.13609	20	136.1707	262.72
63+900.00	13.61707	13.23694	13.762415	13.13507	20	275.2483	262.70
63+920.00	13.90776	13.0332	13.762415	6.5166	20	275.2483	130.33
63+940.00	13.61707		13.211995	6.514005	20	264.2399	130.28
63+960.00	12.80692	13.02801	6.40346	13.166015	20	128.0692	263.32
63+980.00		13.30402	6.16193	13.66471	20	123.2386	273.29
64+000.00	12.32386	14.0254	12.48344	14.126025	20	249.6688	282.52
64+020.00	12.64302	14.22665	6.32151	14.23783	20	126.4302	284.76
64+040.00		14.24901		14.013105	20		280.26
64+060.00		13.7772	6.22845	13.86664	20	124.569	277.33
64+080.00	12.4569	13.95608	12.579245	13.754835	20	251.5849	275.10
64+100.00	12.70159	13.55359	12.85666	13.710115	20	257.1332	274.20
64+120.00	13.01173	13.86664	12.919305	13.86664	20	258.3861	277.33
64+140.00	12.82688	13.86664	6.41344	13.86664	20	128.2688	277.33
64+160.00		13.86664		14.056705	20		281.13
64+180.00		14.24677	6.393215	14.19087	20	127.8643	283.82
64+200.00	12.78643	14.13497	12.670815	14.223295	20	253.4163	284.47
64+220.00	12.5552	14.31162	12.67184	14.38988	20	253.4368	287.80
64+240.00	12.78848	14.46814	12.77157	14.322795	20	255.4314	286.46
64+260.00	12.75466	14.17745	12.890795	14.255715	20	257.8159	285.11
64+280.00	13.02693	14.33398	12.99835	14.36752	20	259.967	287.35
64+300.00	12.96977	14.40106	13.020675	14.42342	20	260.4135	288.47
64+320.00	13.07158	14.44578	13.013935	14.557585	20	260.2787	291.15
64+340.00	12.95629	14.66939	12.92185	14.66939	20	258.437	293.39
64+360.00	12.88741	14.66939	12.57205	14.61237	20	251.441	292.25
64+380.00	12.25669	14.55535	6.128345	14.477085	20	122.5669	289.54
64+400.00		14.39882	6.4278	13.94226	20	128.556	278.85
64+420.00	12.8556	13.4857	13.39627	13.53923	20	267.9254	270.78
64+440.00	13.93694	13.59276	13.97567	13.588795	20	279.5134	271.78
64+460.00	14.0144	13.58483	7.0072	13.586975	20	140.144	271.74
64+480.00		13.58912	6.94505	13.651395	20	138.901	273.03
64+500.00	13.8901	13.71367	6.94505	13.67499	20	138.901	273.50
64+520.00		13.63631		13.16837	20		263.37
64+540.00		12.70043		12.105025	20		242.10
64+560.00		11.50962	7.27364	11.681995	20	145.4728	233.64
64+580.00	14.54728	11.85437	13.666855	12.99467	20	273.3371	259.89
64+600.00	12.78643	14.13497	12.670815	14.223295	20	253.4163	284.47
64+620.00	12.5552	14.31162	12.67184	14.38988	20	253.4368	287.80
64+640.00	12.78848	14.46814	12.77157	14.322795	20	255.4314	286.46
64+660.00	12.75466	14.17745	12.890795	14.255715	20	257.8159	285.11
64+680.00	13.02693	14.33398	12.99835	14.36752	20	259.967	287.35
64+700.00	12.96977	14.40106	13.020675	14.42342	20	260.4135	288.47
64+720.00	13.07158	14.44578	13.013935	14.557585	20	260.2787	291.15
64+740.00	12.95629	14.66939	12.92185	14.66939	20	258.437	293.39
64+760.00	12.88741	14.66939	12.57205	14.61237	20	251.441	292.25
64+780.00	12.25669	14.55535	6.128345	14.477085	20	122.5669	289.54
64+800.00		14.39882	6.4278	13.94226	20	128.556	278.85
64+820.00	12.8556	13.4857	13.39627	13.53923	20	267.9254	270.78
64+840.00	13.93694	13.59276	13.97567	13.588795	20	279.5134	271.78
64+860.00	14.0144	13.58483	7.0072	13.586975	20	140.144	271.74
64+880.00		13.58912	6.94505	13.651395	20	138.901	273.03
64+900.00	13.8901	13.71367	13.338265	13.92432	20	266.7653	278.49
64+920.00	12.78643	14.13497	12.670815	14.223295	20	253.4163	284.47
64+940.00	12.5552	14.31162	12.67184	14.38988	20	253.4368	287.80
64+960.00	12.78848	14.46814	12.77157	14.322795	20	255.4314	286.46
64+980.00	12.75466	14.17745	12.890795	14.255715	20	257.8159	285.11
65+000.00	13.02693	14.33398	12.99835	14.36752	20	259.967	287.35
65+020.00	12.96977	14.40106	13.020675	14.42342	20	260.4135	288.47
65+040.00	13.07158	14.44578	13.013935	14.557585	20	260.2787	291.15

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
65+060.00	12.95629	14.66939	12.92185	14.66939	20	258.437	293.39
65+080.00	12.88741	14.66939	12.57205	14.61237	20	251.441	292.25
65+100.00	12.25669	14.55535	12.52156	14.34516	20	250.4312	286.90
65+120.00	12.78643	14.13497	12.670815	14.223295	20	253.4163	284.47
65+140.00	12.5552	14.31162	12.67184	14.38988	20	253.4368	287.80
65+160.00	12.78848	14.46814	12.77157	14.322795	20	255.4314	286.46
65+180.00	12.75466	14.17745	12.890795	14.255715	20	257.8159	285.11
65+200.00	13.02693	14.33398	12.99835	14.36752	20	259.967	287.35
65+220.00	12.96977	14.40106	13.020675	14.42342	20	260.4135	288.47
65+240.00	13.07158	14.44578	13.013935	14.557585	20	260.2787	291.15
65+260.00	12.95629	14.66939	12.92185	14.66939	20	258.437	293.39
65+280.00	12.88741	14.66939	12.57205	14.61237	20	251.441	292.25
65+300.00	12.25669	14.55535	6.128345	14.477085	20	122.5669	289.54
65+320.00		14.39882	6.4278	13.94226	20	128.556	278.85
65+340.00	12.8556	13.4857	13.39627	13.53923	20	267.9254	270.78
65+360.00	13.93694	13.59276	13.97567	13.588795	20	279.5134	271.78
65+380.00	14.0144	13.58483	7.0072	13.586975	20	140.144	271.74
65+400.00		13.58912	6.94505	13.651395	20	138.901	273.03
65+420.00	13.8901	13.71367	14.6403	13.204675	20	292.806	264.09
65+440.00	15.3905	12.69568	14.682855	12.33104	20	293.6571	246.62
65+460.00	13.97521	11.9664	14.44695	12.038785	20	288.939	240.78
65+480.00	14.91869	12.11117	15.2541	11.465575	20	305.082	229.31
65+500.00	15.58951	10.81998	14.977275	11.21345	20	299.5455	224.27
65+520.00	14.36504	11.60692	15.2456	11.34783	20	304.912	226.96
65+540.00	16.12616	11.08874	16.07026	11.12323	20	321.4052	222.46
65+560.00	16.01436	11.15772	15.579445	11.9706	20	311.5889	239.41
65+580.00	15.14453	12.78348	15.267515	12.73958	20	305.3503	254.79
65+600.00	15.3905	12.69568	14.682855	12.33104	20	293.6571	246.62
65+620.00	13.97521	11.9664	14.44695	12.038785	20	288.939	240.78
65+640.00	14.91869	12.11117	15.2541	11.465575	20	305.082	229.31
65+660.00	15.58951	10.81998	14.977275	11.21345	20	299.5455	224.27
65+680.00	14.36504	11.60692	15.2456	11.34783	20	304.912	226.96
65+700.00	16.12616	11.08874	16.07026	11.12323	20	321.4052	222.46
65+720.00	16.01436	11.15772	15.579445	11.9706	20	311.5889	239.41
65+740.00	15.14453	12.78348	15.267515	12.73958	20	305.3503	254.79
65+760.00	15.3905	12.69568	14.682855	12.33104	20	293.6571	246.62
65+780.00	13.97521	11.9664	14.44695	12.038785	20	288.939	240.78
65+800.00	14.91869	12.11117	15.2541	11.465575	20	305.082	229.31
65+820.00	15.58951	10.81998	14.977275	11.21345	20	299.5455	224.27
65+840.00	14.36504	11.60692	15.2456	11.34783	20	304.912	226.96
65+860.00	16.12616	11.08874	16.07026	11.12323	20	321.4052	222.46
65+880.00	16.01436	11.15772	15.579445	11.9706	20	311.5889	239.41
65+900.00	15.14453	12.78348	15.267515	12.73958	20	305.3503	254.79
65+920.00	15.3905	12.69568	14.682855	12.33104	20	293.6571	246.62
65+940.00	13.97521	11.9664	14.44695	12.038785	20	288.939	240.78
65+960.00	14.91869	12.11117	15.2541	11.465575	20	305.082	229.31
65+980.00	15.58951	10.81998	14.977275	11.21345	20	299.5455	224.27
66+000.00	14.36504	11.60692	15.2456	11.34783	20	304.912	226.96
66+020.00	16.12616	11.08874	16.07026	11.12323	20	321.4052	222.46
66+040.00	16.01436	11.15772	15.579445	11.9706	20	311.5889	239.41
66+060.00	15.14453	12.78348	15.267515	12.73958	20	305.3503	254.79
66+080.00	15.3905	12.69568	14.682855	12.33104	20	293.6571	246.62
66+100.00	13.97521	11.9664	14.44695	12.038785	20	288.939	240.78
66+120.00	14.91869	12.11117	15.2541	11.465575	20	305.082	229.31
66+140.00	15.58951	10.81998	14.977275	11.21345	20	299.5455	224.27
66+160.00	14.36504	11.60692	15.2456	11.34783	20	304.912	226.96
66+180.00	16.12616	11.08874	16.07026	11.12323	20	321.4052	222.46
66+200.00	16.01436	11.15772	15.579445	11.9706	20	311.5889	239.41
66+220.00	15.14453	12.78348	15.267515	12.73958	20	305.3503	254.79
66+240.00	15.3905	12.69568	14.682855	12.33104	20	293.6571	246.62
66+260.00	13.97521	11.9664	14.44695	12.038785	20	288.939	240.78
66+280.00	14.91869	12.11117	15.2541	11.465575	20	305.082	229.31
66+300.00	15.58951	10.81998	14.977275	11.21345	20	299.5455	224.27
66+320.00	14.36504	11.60692	15.2456	11.34783	20	304.912	226.96
66+340.00	16.12616	11.08874	16.07026	11.12323	20	321.4052	222.46
66+360.00	16.01436	11.15772	15.579445	11.9706	20	311.5889	239.41
66+380.00	15.14453	12.78348	15.267515	12.73958	20	305.3503	254.79
66+400.00	15.3905	12.69568	14.682855	12.33104	20	293.6571	246.62
66+420.00	13.97521	11.9664	14.44695	12.038785	20	288.939	240.78
66+440.00	14.91869	12.11117	15.2541	11.465575	20	305.082	229.31

Planilla de Area de Taludes

Obra: Km 40 - Alberdi Tramo: 13480 -24000

Tramo: -7+180.00

Progresiva	Long. Talud		Long. Media		Distancia	Area	
	Izquierda	Derecha	Izquierda	Derecha		Izquierda	Derecha
	m	m.	m.	m.	m.	m²	m²
66+460.00	15.58951	10.81998	14.977275	11.21345	20	299.5455	224.27
66+480.00	14.36504	11.60692	15.2456	11.34783	20	304.912	226.96
66+500.00	16.12616	11.08874	16.07026	11.12323	20	321.4052	222.46
66+520.00	16.01436	11.15772	15.579445	11.9706	20	311.5889	239.41
66+540.00	15.14453	12.78348	15.267515	12.73958	20	305.3503	254.79
66+560.00	15.3905	12.69568	14.682855	12.33104	20	293.6571	246.62
66+580.00	13.97521	11.9664	14.44695	12.038785	20	288.939	240.78
66+600.00	14.91869	12.11117	15.2541	11.465575	20	305.082	229.31
66+620.00	15.58951	10.81998	14.977275	11.21345	20	299.5455	224.27
66+640.00	14.36504	11.60692	15.2456	11.34783	20	304.912	226.96
66+660.00	16.12616	11.08874	16.07026	11.12323	20	321.4052	222.46
66+680.00	16.01436	11.15772	15.579445	11.9706	20	311.5889	239.41
66+700.00	15.14453	12.78348	15.267515	12.73958	20	305.3503	254.79
66+720.00	15.3905	12.69568	14.682855	12.33104	20	293.6571	246.62
66+740.00	13.97521	11.9664	14.44695	12.038785	20	288.939	240.78
66+760.00	14.91869	12.11117	15.2541	11.465575	20	305.082	229.31
66+780.00	15.58951	10.81998	14.977275	11.21345	20	299.5455	224.27
66+800.00	14.36504	11.60692	15.2456	11.34783	20	304.912	226.96
66+820.00	16.12616	11.08874	16.07026	11.12323	20	321.4052	222.46
66+840.00	16.01436	11.15772	14.535685	11.15	20	290.7137	223.00
66+860.00	13.05701	11.14228	12.47061	11.415425	20	249.4122	228.31
66+880.00	11.88421	11.68857	11.66692	11.68572	20	233.3384	233.71
66+900.00	11.44963	11.68287	10.34588	10.733595	20	206.9176	214.67
66+920.00	9.24213	9.78432					
Totales:						359,699.22 m²	346,446.58 m²
							706,145.80 m²

Item: Carpeta de concreto asfaltico

Traza

DESDE	HASTA	LONGITUD m	AREA m2	VOLUMEN m3		
0+000	59+420	59,420.00	415,940.00	24,956.40	calzada	6 cm
59+420	62+800	3,380.00	23,660.00	946.40	calzada	4 cm
0+000	62+800	62,800.00	251,200.00	5,024.00	banquina	2 cm

Intersecciones, Darsenas			775.2

Total Carpeta (m3)	26,678.00
Total Carpeta Adoptado (m3)	26,700.00
Total Banquina (m3)	5,024.00
Total Banquina Adoptado (m3)	5,030.00

Item: Base

Traza

DESDE	HASTA	LONGITUD m	AREA m2	VOLUMEN m3	esp
0+000	59+420	59,420.00	2.28	135,477.60	0.20
59+420	62+800	3,380.00	1.93	6,523.40	0.17

Intersecciones, Darsenas -	3,727.24
Total Base (m3)	145,728.24
Total Base Adoptado (m3)	146,000.00

Item: Sub base

Traza

DESDE	HASTA	LONGITUD m	AREA m2	VOLUMEN m3	esp
0+000	59+420	59,420.00	2.44	144,984.80	0.20
59+420	62+800	3,380.00	1.92	6,489.60	0.16

Intersecciones, Darsenas -	2,438.52
Total Sub Base (m3)	153,912.92
Total Sub Base Adoptado (m3)	154,000.00

Item: Imprimacion Asfaltica

Traza

DESDE	HASTA	LONGITUD m	Ancho	Area m2
0+000	68+200	68,200.00	11.00	750,200.00

Intersecciones, Darsenas			5,000.00

Total Imprimacion (m2)	755,200.00
Total Adoptado (m2)	756,000.00

Item: Riego de Liga

Traza

DESDE	HASTA	LONGITUD m	Ancho	Area m2
0+000	68+200	68,200.00	7.00	477,400.00

Banquina

DESDE	HASTA	LONGITUD m	Ancho	Area m2
0+000	68+200	68,200.00	4.00	272,800.00

Intersecciones, Darsenas			5,000.00

Total Riego de Liga (m2)	755,200.00
Total Adoptado (m2)	756,000.00

Computo de Item CAL

DESDE	HASTA	LONGITUD m	AREA m2	VOLUMEN m3	OBSERVACIONES
0+000	62+800	62,800.00	4.17	261,876.00	Traza principal

Total		**261,876.00**
Adicion de Cal	4%	10,475.04
Densidad	1.9	**19,902.58**

PROTECCION DE TALUD DE TERRAPLEN

48+000	66+920	18,920.00	134,825.00	134,825.00

Total		**134,825.00**
Adicion de Cal	2%	2,696.50
Densidad	1.9	**5,123.35**

64+800	65+800	1,000.00	26,742.72	26,742.72

Total		**26,742.72**
Adicion de Cal	0%	0.00
Densidad	1.9	**0.00**

TOTAL TRAZA	**19,902.58**
TOTAL PROTECCION TALUD	**5,123.35**
INTERSECCIONES Y DARSENAS	**413.95**
TOTAL GENERAL	**25,439.88**

ADOPTADO	**25,600.00**

Item: Alcantarilla Celular de HºAº 3x4,50x4,50

DESDE	LONGITUD m	Total
64+950	22.00	22.00
65+060	0.00	0.00
65+490	21.00	21.00
	Total	**43.00**

Item: Berma de Proteccion del Pie de Talud del Terraplen con Piedra Bruta (LD)

DESDE	HASTA	LONGITUD m	AREA m2/ml	VOLUMEN m3
63+000	66+920	3,920.00	4.50	17,640.00
			Total	**17,640.00**

Item: Proteccion del Talud del Terraplen con Colchon Reno e = 0,23 m con Geotextil de 200 gr/m2 (LD)

DESDE	HASTA	LONGITUD m	Ancho	Area m2
63+000	66+920	3,920.00	4.00	15,680.00
Proteccion en Cabeceras				420.00
			Total	**16,100.00**

Item: Proteccion del Talud del Terraplen con Malla Tridimensional R45 con instalacion del manto Hidraulico y malla (LD)

DESDE	HASTA	LONGITUD m	Ancho	Area m2
62+700	66+920	4,220.00	Var	35,767.27
			Total	**35,767.27**

Item 14.1 - A.C.H°A° 1 ▢ 1,00 m. X 1,00 m.

DESDE	LONGITUD m	Total
3+860	18.00	18.00
8+420	14.90	14.90
12+965	19.10	19.10
20+860	19.10	19.10
22+720	15.40	15.40
24+100	13.80	13.80
29+520	13.90	13.90
33+070	51.30	51.30
33+820	18.20	18.20
34+515	19.30	19.30
38+180	19.20	19.20
43+760	17.00	17.00
46+650	18.20	18.20
58+260	24.00	24.00
60+200	15.00	15.00
66+230	28.90	28.90
66+480	28.70	28.70
	Total	**354.00**

Item 14.3 - A.C.H°A° 2 ▢ 2,00 m. X 2,00 m.

DESDE	LONGITUD m	Total
37+720	19.00	19.00
40+200	21.80	21.80
42+700	14.10	14.10
48+700	13.90	13.90
54+560	15.80	15.80
58+800	19.00	19.00
61+740	26.10	26.10
64+600	29.10	29.10
65+300	29.10	29.10
	Total	**187.90**

Item 14.5 - A.C.H°A° 3 ▢ 3,00 m. X 3,00 m.

DESDE	LONGITUD m	Total
9+960	15.00	15.00
31+490	15.10	15.10
37+387	17.30	17.30
64+430	0.00	0.00
65+740	0.00	0.00
	Total	**47.40**

Item 14.1.2 - A.C.H°A° 1 ▢ 1,50 m. X 1,50 m.

DESDE	LONGITUD m	Total
7+760	15.00	15.00
18+020	18.00	18.00
20+565	15.90	15.90
50+110	17.10	17.10
50+270	18.00	18.00
52+300	21.60	21.60
53+550	17.50	17.50
62+960	26.70	26.70
60+260	0.00	0.00
60+940	29.00	29.00
61+600	28.00	28.00
	Total	**206.80**

Item 14.1.3 - A.C.H°A° 2 ▢ 1,50 m. X 1,50 m.

DESDE	LONGITUD m	Total
1+800	14.90	14.90
6+130	16.30	16.30
6+400	14.90	14.90
7+015	15.90	15.90
8+910	15.70	15.70
16+445	16.00	16.00
25+300	19.40	19.40
30+360	22.30	22.30
30+800	17.00	17.00
40+865	19.50	19.50
47+120	15.90	15.90
57+340	20.30	20.30
62+440	28.50	28.50
63+080	28.00	28.00
66+632	28.00	28.00
	Total	**292.60**

Item 14.1.5 - A.C.H°A° 3 ▢ 1,50 m. X 1,50 m.

DESDE	LONGITUD m	Total
35+480	17.20	17.20
51+050	18.40	18.40
59+280	20.60	20.60
	Total	**56.20**

Item 14.1.6 - A.C.H°A° 3 ▢ 2,00 m. X 2,00 m.

DESDE	LONGITUD m	Total
17+500	18.30	18.30
20+060	18.40	18.40
21+785	20.10	20.10
26+640	20.30	20.30
31+415	21.10	21.10
39+013	19.30	19.30
63+570	28.00	28.00
	Total	**145.50**

ITEM - PORTICO DE SEÑALIZACION			
RESUMEN			
DESDE	HASTA	(un)	OBSERVACIONES
0+000	62+800	3.00	TRAZA PRINCIPAL
TOTAL		3.00	
ADOPTADO		3.00	

ITEM - SEÑALIZACION VERTICAL			
RESUMEN			
DESDE	HASTA	(m2)	OBSERVACIONES
0+000	62+800	157.00	TRAZA PRINCIPAL
TOTAL		157.00	
ADOPTADO		157.00	

ITEM - SEÑALIZACION HORIZONTAL			
RESUMEN			
DESDE	HASTA	(m2)	OBSERVACIONES
0+000	62+800	21,000.00	TRAZA PRINCIPAL
TOTAL		21,000.00	
ADOPTADO		21,000.00	