Planilla de Volumen de Movimiento de Suelo Perfil 4 Win

Obra: ALBERDI - PILAR Tramo: 51360 -90380

Tramo: 51+360.00 -90+380.00

Tipo: Proyecto

Volúmen: **Total** ⇐

Banquina Izquierda

Banquina Derecha

Progresiva	Areas		Distancia	Areas Medias		Volumen		Cotas		
	Excavacion	Terraplén		Excavación	Terraplén	Excavación	Terraplén	Proyecto	Carga	Terr. Nat
m.	m²	m²	m.	m²	m²	m³	m³	m	m	m
52+780.00		207.6085	20.00		209.8517		4,197.03	61.37	59.60	54.00
52+800.00		212.0948	20.00		205.4127		4,108.25	61.30	61.19	54.20
52+820.00		198.7306	20.00		188.9541		3,779.08	61.21	61.15	54.40
52+840.00		179.1776	20.00		166.1186		3,322.37	61.06	60.91	54.47
52+860.00		153.0595	20.00		149.7271		2,994.54	60.86	59.94	54.58
52+880.00		146.3946	20.00		135.8639		2,717.28	60.60	59.85	54.74
52+900.00		125.3331	20.00		109.6319		2,192.64	60.32	59.77	55.08
52+920.00		93.9306	20.00		80.8457		1,616.91	60.04	59.47	55.51
52+940.00		67.7608	20.00		56.4446		1,128.89	59.77	59.25	55.96
52+960.00		45.1284	20.00		45.9213		918.43	59.54	59.07	56.18
52+980.00		46.7142	20.00		47.5015		950.03	59.34	58.75	56.36
53+000.00		48.2887	20.00		48.5863		971.73	59.18	58.61	56.06
53+020.00		48.8839	20.00		47.5107		950.21	59.06	58.79	55.92
53+040.00		46.1374	20.00		46.1501		923.00	58.97	58.76	55.87
53+060.00		46.1628	40.00		42.3488		1,693.95	58.92	58.70	55.76
53+100.00		38.5348	20.00		35.1381		702.76	58.90		56.12
53+120.00		31.7414	20.00		30.5515		611.03	58.90	57.48	56.37
53+140.00		29.3615	20.00		28.9196		578.39	58.90	58.22	56.56
53+160.00		28.4777	20.00		27.5630		551.26	58.90	58.14	56.61
53+180.00		26.6482	20.00		26.4322		528.64	58.90	58.15	56.61
53+200.00		26.2161	20.00		27.2574		545.15	58.90	58.13	56.71
53+220.00		28.2986	20.00		28.6002		572.00	58.90	58.23	56.68
53+240.00		28.9017	20.00		29.7187		594.37	58.90	58.68	56.62
53+260.00		30.5356	20.00		31.6006		632.01	58.90	58.50	56.60
53+280.00		32.6656	20.00		31.2066		624.13	58.90	58.36	56.51
53+300.00		29.7476	20.00		29.8278		596.56	58.90	58.00	56.55
53+320.00		29.9079	20.00		29.8027		596.05	58.90	58.19	56.46
53+340.00		29.6975	20.00		29.8874		597.75	58.90	58.25	56.51
53+360.00		30.0773	20.00		32.2508		645.02	58.90	58.19	56.50
53+380.00		34.4243	20.00		31.6601		633.20	58.90	58.16	56.49
53+400.00		28.8959	20.00		28.7328		574.66	58.90	58.06	56.62
53+420.00		28.5697	20.00		28.1316		562.63	58.90	58.02	56.63
53+440.00		27.6935	20.00		27.9159		558.32	58.90	58.00	56.62
53+460.00		28.1382	20.00		27.7988		555.98	58.90	58.08	56.53
53+480.00		27.4593	20.00		27.9149		558.30	58.90	58.12	56.53
53+500.00		28.3705	20.00		30.2674		605.35	58.90	58.02	56.49
53+520.00		32.1642	20.00		31.7561		635.12	58.90	57.98	56.30
53+540.00		31.3480	20.00		31.3436		626.87	58.89	58.37	56.19
53+560.00		31.3392	20.00		30.4642		609.28	58.88	58.33	56.20
53+580.00		29.5891	20.00		29.4374		588.75	58.86	58.32	56.28
53+600.00		29.2857	20.00		29.6004		592.01	58.83	58.25	56.03
53+620.00		29.9151	20.00		29.3453		586.91	58.81	58.21	56.09
53+640.00		28.7754	20.00		28.1294		562.59	58.78	58.12	56.13
53+660.00		27.4833	20.00		26.6438		532.88	58.74	58.02	56.45
53+680.00		25.8043	20.00		26.0191		520.38	58.71	58.09	56.44
53+700.00		26.2338	20.00		26.8980		537.96	58.68	58.13	56.46
53+720.00		27.5621	10.00		31.2434		312.43	58.65	57.97	56.36
53+730.00		34.9247	10.00		31.9965		319.97	58.63	57.97	55.84
53+740.00		29.0683	20.00		28.8130		576.26	58.62	58.02	56.16
53+760.00		28.5577	20.00		29.2988		585.98	58.59	57.95	56.27
53+780.00		30.0399	20.00		31.5095		630.19	58.56	57.83	56.19
53+800.00		32.9790	20.00		32.4892		649.78	58.54	57.67	56.06
53+820.00		31.9994	20.00		31.7772		635.54	58.53	57.65	55.96
53+840.00		31.5549	20.00		28.8475		576.95	58.51	57.90	56.00
53+860.00		26.1400	20.00		23.9975		479.95	58.51	57.79	56.36
53+880.00		21.8549	20.00		20.1664		403.33	58.51	57.82	56.43
53+900.00		18.4779	20.00		18.1088		362.18	58.51	57.87	56.51
53+920.00		17.7397	20.00		19.1972		383.94	58.51	57.03	56.55
53+940.00		20.6546	20.00		20.6156		412.31	58.51	57.92	56.37
53+960.00		20.5766	20.00		22.1162		442.32	58.51	57.90	56.42
53+980.00		23.6558	20.00		28.4796		569.59	58.51	57.89	56.33
54+000.00		33.3033	20.00		36.2262		724.52	58.50	57.83	55.92
54+020.00		39.1490	20.00		40.0641		801.28	58.50	57.81	55.70
54+040.00		40.9791	20.00		34.7871		695.74	58.50	57.83	55.71
54+060.00		28.5950	20.00		35.3834		707.67	58.50	57.81	56.38
54+080.00		42.1718	20.00		42.1150		842.30	58.50	57.81	55.60
54+100.00		42.0582	20.00		42.3794		847.59	58.50	57.86	55.59
54+120.00		42.7006	20.00		42.9758		859.52	58.50	57.85	55.55
54+140.00		43.2509	20.00		43.2359		864.72	58.50	57.95	55.52

Planilla de Volumen de Movimiento de Suelo Perfil 4 Win

Obra: ALBERDI - PILAR Tramo: 51360 -90380

Tramo: 51+360.00 -90+380.00

Tipo: Proyecto

Volúmen: **Total** ⇐

Banquina Izquierda

Banquina Derecha

Progresiva	Areas		Distancia	Areas Medias		Volumen		Cotas		
	Excavacion	Terraplén		Excavación	Terraplén	Excavación	Terraplén	Proyecto	Carga	Terr. Nat
m.	m²	m²	m.	m²	m²	m³	m³	m	m	m
54+160.00		43.2209	20.00		43.2316		864.63	58.50	58.10	55.57
54+180.00		43.2422	20.00		43.4320		868.64	58.50	57.88	55.58
54+200.00		43.6217	20.00		44.3608		887.22	58.50	57.67	55.55
54+220.00		45.0998	20.00		46.5190		930.38	58.50	57.68	55.54
54+240.00		47.9381	20.00		46.2848		925.70	58.50	57.81	55.50
54+260.00		44.6314	20.00		44.2276		884.55	58.50	57.77	55.55
54+280.00		43.8237	20.00		43.5026		870.05	58.50	57.86	55.52
54+300.00		43.1815	20.00		43.5005		870.01	58.50	57.94	55.59
54+320.00		43.8194	20.00		43.8097		876.19	58.50	57.81	55.55
54+340.00		43.7999	20.00		44.4102		888.20	58.50	57.91	55.58
54+360.00		45.0205	20.00		44.9934		899.87	58.50	57.78	55.55
54+380.00		44.9662	20.00		44.6904		893.81	58.49	57.00	55.58
54+400.00		44.4146	20.00		44.2685		885.37	58.49	57.86	55.57
54+420.00		44.1223	20.00		43.3270		866.54	58.49	57.98	55.58
54+440.00		42.5317	20.00		40.6112		812.22	58.49	57.93	55.59
54+460.00		38.6907	20.00		34.6388		692.78	58.49	56.69	55.73
54+480.00		30.5868	40.00		29.4804		1,179.21	58.49		56.09
54+520.00		28.3739	20.00		26.0796		521.59	58.49	57.68	56.38
54+540.00		23.7852	20.00		23.5409		470.82	58.49	57.90	56.33
54+560.00		23.2966	20.00		22.0961		441.92	58.49	57.79	56.35
54+580.00		20.8956	20.00		20.9834		419.67	58.49	57.92	56.39
54+600.00		21.0711	20.00		20.9914		419.83	58.49	57.78	56.42
54+620.00		20.9116	20.00		20.5221		410.44	58.49	57.87	56.48
54+640.00		20.1326	20.00		21.5625		431.25	58.49	57.77	56.33
54+660.00		22.9923	20.00		25.7348		514.70	58.49	57.85	56.22
54+680.00		28.4772	20.00		30.3325		606.65	58.49	57.50	55.94
54+700.00		32.1877	20.00		34.3922		687.84	58.49	57.52	55.85
54+720.00		36.5967	20.00		36.2539		725.08	58.49	57.57	55.70
54+740.00		35.9110	20.00		36.7703		735.41	58.49	57.38	55.70
54+760.00		37.6296	20.00		41.3747		827.49	58.48	57.59	55.69
54+780.00		45.1198	20.00		40.4744		809.49	58.48	57.56	55.61
54+800.00		35.8289	20.00		42.1825		843.65	58.48	57.42	56.66
54+820.00		48.5360	20.00		49.5755		991.51	58.48	57.34	55.31
54+840.00		50.6149	20.00		41.3676		827.35	58.48	57.43	55.28
54+860.00		32.1203	20.00		41.7468		834.94	58.48	57.45	55.14
54+880.00		51.3732	20.00		52.0540		1,041.08	58.48	57.32	55.17
54+900.00		52.7348	20.00		51.4831		1,029.66	58.48	57.43	55.16
54+920.00		50.2313	20.00		48.7407		974.81	58.48	57.52	55.21
54+940.00		47.2500	20.00		51.8227		1,036.45	58.48	57.32	55.40
54+960.00		56.3953	20.00		52.6253		1,052.51	58.48	57.35	55.13
54+980.00		48.8552	20.00		48.6588		973.18	58.48	57.48	55.32
55+000.00		48.4624	20.00		48.9254		978.51	58.48	57.65	55.30
55+020.00		49.3884	20.00		43.9397		878.79	58.48	57.52	55.45
55+040.00		38.4910	40.00		31.9415		1,277.66	58.48	57.65	55.94
55+080.00		25.3920	20.00		24.3990		487.98	58.48	57.64	56.10
55+100.00		23.4059	20.00		23.3407		466.81	58.48	57.64	56.26
55+120.00		23.2754	20.00		22.0727		441.45	58.47	57.63	56.09
55+140.00		20.8700	20.00		18.2832		365.66	58.47	57.63	56.42
55+160.00		15.6963	20.00		16.5608		331.22	58.47	57.63	56.73
55+180.00		17.4252	20.00		16.7679		335.36	58.47	57.63	56.58
55+200.00		16.1105	20.00		16.6988		333.98	58.47	57.63	56.57
55+220.00		17.2871	20.00		17.7352		354.70	58.47	57.63	56.59
55+240.00		18.1833	20.00		17.7201		354.40	58.47	57.63	56.53
55+260.00		17.2568	20.00		17.6522		353.04	58.47	57.63	56.54
55+280.00		18.0475	20.00		18.1442		362.88	58.47	57.63	56.54
55+300.00		18.2408	20.00		19.6158		392.32	58.47	57.63	56.37
55+320.00		20.9907	20.00		23.5214		470.43	58.47	57.63	56.30
55+340.00		26.0520	20.00		25.9192		518.38	58.47	57.63	56.11
55+360.00		25.7864	20.00		24.9123		498.25	58.47	57.63	56.18
55+380.00		24.0381	40.00		25.5757		1,023.03	58.47	57.63	56.28
55+420.00		27.1133	20.00		28.1758		563.52	58.47	57.63	55.99
55+440.00		29.2383	20.00		27.4279		548.56	58.47	57.63	55.91
55+460.00		25.6175	20.00		30.2899		605.80	58.47	57.63	56.20
55+480.00		34.9622	20.00		36.9732		739.46	58.47	57.63	55.83
55+500.00		38.9841	20.00		38.4195		768.39	58.46	57.62	55.53
55+520.00		37.8548	20.00		38.1953		763.91	58.46	57.62	55.70
55+540.00		38.5358	20.00		37.9499		759.00	58.46	57.62	55.57
55+560.00		37.3639	20.00		35.2413		704.83	58.46	57.62	55.72
55+580.00		33.1187	20.00		29.4130		588.26	58.46	57.62	55.75

Planilla de Volumen de Movimiento de Suelo Perfil 4 Win

Obra: ALBERDI - PILAR Tramo: 51360 -90380

Tramo: 51+360.00 -90+380.00

Tipo: Proyecto

Volúmen: Total ⇐

Banquina Izquierda

Banquina Derecha

Progresiva	Areas		Distancia	Areas Medias		Volumen		Cotas		
	Excavacion	Terraplén		Excavación	Terraplén	Excavación	Terraplén	Proyecto	Carga	Terr. Nat
m.	m²	m²	m.	m²	m²	m³	m³	m	m	m
55+600.00		25.7073	20.00		22.3395		446.79	58.46	57.62	56.14
55+620.00		18.9717	20.00		15.9015		318.03	58.46	57.62	56.43
55+640.00		12.8312	20.00		12.3857		247.71	58.46	57.62	56.73
55+660.00		11.9402	20.00		13.4951		269.90	58.46	57.62	56.85
55+680.00		15.0500	20.00		12.3772		247.54	58.46	57.62	56.56
55+700.00		9.7044	20.00		9.8649		197.30	58.46	57.62	56.96
55+720.00		10.0254	20.00		11.2136		224.27	58.46	57.62	56.99
55+740.00		12.4017	20.00		12.5151		250.30	58.46	57.62	56.94
55+760.00		12.6284	20.00		11.2683		225.37	58.46	57.62	56.72
55+780.00		9.9081	20.00		9.5443		190.89	58.46	57.62	56.96
55+800.00		9.1804	20.00		8.8921		177.84	58.46	57.62	57.00
55+820.00		8.6037	20.00		8.8892		177.78	58.46	57.62	57.00
55+840.00		9.1747	20.00		8.9547		179.09	58.46	57.62	57.01
55+860.00		8.7346	20.00		9.1670		183.34	58.46	57.62	57.04
55+880.00		9.5994	20.00		8.9686		179.37	58.45	57.61	56.97
55+900.00		8.3378	20.00		8.5791		171.58	58.45	57.61	57.02
55+920.00		8.8204	20.00		8.1312		162.62	58.45	57.61	56.95
55+940.00		7.4420	20.00		8.4024		168.05	58.45	57.61	57.05
55+960.00		9.3627	20.00		10.5218		210.44	58.45	57.61	56.90
55+980.00		11.6808	20.00		10.7559		215.12	58.45	57.61	56.88
56+000.00		9.8310	20.00		10.5857		211.71	58.45	57.61	56.93
56+020.00		11.3404	20.00		11.1068		222.14	58.45	57.61	56.79
56+040.00		10.8731	20.00		18.3327		366.65	58.45	57.61	56.85
56+060.00		25.7923	20.00		22.9538		459.08	58.45	57.61	56.39
56+080.00		20.1152	20.00		18.2164		364.33	58.45	57.61	56.36
56+100.00		16.3176	20.00		13.9359		278.72	58.45	57.61	56.72
56+120.00		11.5542	20.00		10.2256		204.51	58.45	57.61	56.79
56+140.00		8.8970	20.00		8.8753		177.51	58.45	57.61	56.99
56+160.00		8.8536	20.00		9.0057		180.11	58.45	57.61	57.04
56+180.00		9.1577	20.00		9.0854		181.71	58.45	57.61	56.97
56+200.00		9.0131	20.00		9.1463		182.93	58.45	57.61	56.97
56+220.00		9.2795	20.00		9.6898		193.80	58.45	57.61	56.91
56+240.00		10.1000	20.00		10.4145		208.29	58.44	57.60	56.91
56+260.00		10.7289	20.00		13.1152		262.30	58.44	57.60	56.87
56+280.00		15.5014	20.00		15.5636		311.27	58.44	57.60	56.58
56+300.00		15.6258	20.00		16.1152		322.30	58.44	57.60	56.60
56+320.00		16.6045	20.00		14.8758		297.52	58.44	57.60	56.62
56+340.00		13.1471	20.00		12.9800		259.60	58.44	57.60	56.75
56+360.00		12.8129	20.00		12.7794		255.59	58.44	57.60	56.75
56+380.00		12.7459	20.00		11.3878		227.76	58.44	57.60	56.72
56+400.00		10.0297	20.00		11.0800		221.60	58.44	57.60	56.94
56+420.00		12.1302	20.00		13.0821		261.64	58.44	57.60	56.91
56+440.00		14.0340	20.00		14.8748		297.50	58.44	57.60	56.69
56+460.00		15.7156	20.00		15.7335		314.67	58.44	57.60	56.61
56+480.00		15.7514	20.00		15.9222		318.44	58.44	57.60	56.61
56+500.00		16.0930	20.00		16.5661		331.32	58.44	57.60	56.62
56+520.00		17.0392	20.00		18.5109		370.22	58.44	57.60	56.55
56+540.00		19.9826	20.00		20.0848		401.70	58.44	57.60	56.34
56+560.00		20.1869	20.00		19.5325		390.65	58.44	57.60	56.39
56+580.00		18.8780	20.00		18.9290		378.58	58.44		56.39
56+600.00		18.9800	20.00		18.4935		369.87	58.44		56.36
56+620.00		18.0069	20.00		16.5731		331.46	58.43		56.46
56+640.00		15.1393			15.1393			58.43		56.63
56+640.00		15.1393	40.00		13.9832		559.33	58.43		56.76
56+680.00		12.8270	20.00		12.4867		249.73	58.43		56.81
56+700.00		12.1464	20.00		12.3087		246.17	58.43		56.85
56+720.00		12.4710	20.00		13.0024		260.05	58.43		56.78
56+740.00		13.5337	20.00		14.9633		299.27	58.43		56.71
56+760.00		16.3929	20.00		16.7714		335.43	58.43		56.49
56+780.00		17.1499	20.00		18.5549		371.10	58.43		56.54
56+800.00		19.9598	20.00		20.5574		411.15	58.43		56.40
56+820.00		21.1550	20.00		20.8140		416.28	58.43		56.25
56+840.00		20.4729	20.00		18.7023		374.05	58.43		56.31
56+860.00		16.9317	20.00		15.8256		316.51	58.43		56.45
56+880.00		14.7194	20.00		15.4875		309.75	58.43		56.59
56+900.00		16.2555	20.00		18.5880		371.76	58.43		56.76
56+920.00		20.9205			20.9205			58.43		56.19
56+920.00		20.9205	20.00		21.3334		426.67	58.43		56.46
56+940.00		21.7463	20.00		20.4924		409.85	58.43		56.18

Planilla de Volumen de Movimiento de Suelo

Perfil 4 Win

Obra: ALBERDI - PILAR Tramo: 51360 -90380

Tramo: 51+360.00 -90+380.00

Tipo: Proyecto

Volúmen: **Total** ⇐

Banquina Izquierda

Banquina Derecha

Progresiva	Areas		Distancia	Areas Medias		Volumen		Cotas		
	Excavacion	Terraplén		Excavación	Terraplén	Excavación	Terraplén	Proyecto	Carga	Terr. Nat
m.	m²	m²	m.	m²	m²	m³	m³	m	m	m
56+960.00		19.2384	20.00		18.0372		360.74	58.43		56.36
56+980.00		16.8360	20.00		16.1849		323.70	58.42		56.51
57+000.00		15.5337	20.00		15.2716		305.43	58.42		56.59
57+020.00		15.0094	20.00		15.3308		306.62	58.42		56.64
57+040.00		15.6521	20.00		15.8312		316.62	58.42		56.58
57+060.00		16.0103	20.00		15.7023		314.05	58.42		56.57
57+080.00		15.3942	20.00		15.2697		305.39	58.42		56.60
57+100.00		15.1452	20.00		14.9185		298.37	58.42		56.62
57+120.00		14.6918	20.00		14.1255		282.51	58.42		56.58
57+140.00		13.5591	20.00		12.7068		254.14	58.42		56.67
57+160.00		11.8544	20.00		11.0918		221.84	58.42		56.76
57+180.00		10.3291	20.00		9.5600		191.20	58.42		56.84
57+200.00		8.7909	20.00		8.1095		162.19	58.42		56.92
57+220.00		7.4281	20.00		6.7519		135.04	58.42		57.00
57+240.00		6.0756	20.00		5.4438		108.88	58.42		57.07
57+260.00		4.8119	20.00		4.1121		82.24	58.42		57.14
57+280.00		3.4123	20.00		2.6731		53.46	58.42		57.22
57+300.00		1.9338	20.00		1.2945		25.89	58.42		57.33
57+320.00		0.6551	20.00		0.3492		6.98	58.42		57.44
57+340.00		0.0432	20.00		0.0227		0.45	58.42		57.54
57+360.00		0.0022			0.0022			58.41		57.56
57+360.00		0.0022	40.00		0.2942		11.77	58.41		57.60
57+400.00		0.5861	20.00		1.2976		25.95	58.41		57.49
57+420.00		2.0091	20.00		1.9359		38.72	58.41		57.25
57+440.00		1.8626	20.00		1.9460		38.92	58.41		57.13
57+460.00		2.0294			2.0294			58.41		57.38
57+460.00		2.0294	40.00		1.8695		74.78	58.41		57.53
57+500.00		1.7095	20.00		1.8277		36.55	58.41		57.54
57+520.00		1.9458	20.00		2.6597		53.19	58.41		57.52
57+540.00		3.3736			3.3736			58.41		57.38
57+540.00		3.3736	40.00		4.0828		163.31	58.41		57.50
57+580.00		4.7920	20.00		4.6922		93.84	58.41		57.28
57+600.00		4.5924	20.00		5.1077		102.15	58.41		57.23
57+620.00		5.6230	20.00		5.6971		113.94	58.41		57.19
57+640.00		5.7712	20.00		5.8304		116.61	58.41		57.20
57+660.00		5.8896	20.00		5.2573		105.15	58.41		57.20
57+680.00		4.6249			4.6249			58.41		57.22
57+680.00		4.6249	40.00		4.0319		161.27	58.41		57.26
57+720.00		3.4388	20.00		3.4294		68.59	58.41		57.34
57+740.00		3.4199	20.00		3.5435		70.87	58.40		57.37
57+760.00		3.6671	20.00		3.7712		75.42	58.40		57.34
57+780.00		3.8752	20.00		3.6130		72.26	58.40		57.32
57+800.00		3.3507	20.00		3.1162		62.32	58.40		57.34
57+820.00		2.8816	20.00		3.3173		66.35	58.40		57.35
57+840.00		3.7530	20.00		4.0236		80.47	58.40		57.23
57+860.00		4.2942	20.00		2.1471		42.94	58.40		57.22
57+880.00			20.00		1.9841		39.68	58.40		57.61
57+900.00		3.9681	20.00		1.9841		39.68	58.40		57.23
57+920.00			20.00		1.8699		37.40	58.40		57.77
57+940.00		3.7398	20.00		1.8699		37.40	58.40		57.24
57+960.00			20.00		0.8469		16.94	58.40		57.88
57+980.00		1.6937	20.00		0.8469		16.94	58.40		57.37
58+000.00			20.00					58.40		58.02
58+020.00			20.00					58.40		57.70
58+040.00			20.00					58.40		58.18
58+060.00			20.00					58.40		57.73
58+080.00			20.00					58.40		57.84
58+100.00			20.00		0.0094		0.19	58.39		57.79
58+120.00		0.0187	20.00		0.8626		17.25	58.39		57.53
58+140.00		1.7065	20.00		3.5822		71.64	58.39		57.35
58+160.00		5.4578	20.00		4.0788		81.58	58.39		57.05
58+180.00		2.6997	20.00		1.7657		35.31	58.39		57.26
58+200.00		0.8317	20.00		0.4183		8.37	58.39		57.40
58+220.00		0.0048	20.00		0.7727		15.45	58.39		57.54
58+240.00		1.5406	20.00		4.8715		97.43	58.39		57.31
58+260.00		8.2024	20.00		12.2090		244.18	58.39		56.89
58+280.00		16.2155	20.00		18.1545		363.09	58.39		56.47
58+300.00		20.0935	20.00		22.1604		443.21	58.39		56.32
58+320.00		24.2272	20.00		27.1792		543.58	58.39		56.15

Planilla de Volumen de Movimiento de Suelo Perfil 4 Win

Obra: ALBERDI - PILAR Tramo: 51360 -90380

Tramo: 51+360.00 -90+380.00

Tipo: Proyecto

Volúmen: **Total** <=

Banquina Izquierda

Banquina Derecha

	Areas		Distancia	Areas Medias		Volumen		Cotas		
Progresiva	Excavacion	Terraplén		Excavación	Terraplén	Excavación	Terraplén	Proyecto	Carga	Terr. Nat
m.	m²	m²	m.	m²	m²	m³	m³	m	m	m
58+340.00		30.1311	20.00		32.9228		658.46	58.39		55.95
58+360.00		35.7145	20.00		41.0255		820.51	58.39		55.75
58+380.00		46.3365	20.00		52.2464		1,044.93	58.39		55.37
58+400.00		58.1563	20.00		57.9060		1,158.12	58.39		54.97
58+420.00		57.6557	20.00		57.6266		1,152.53	58.39		54.97
58+440.00		57.5974	20.00		57.1666		1,143.33	58.39		54.97
58+460.00		56.7358	20.00		56.2702		1,125.40	58.39		54.99
58+480.00		55.8045	20.00		56.8337		1,136.67	58.38		55.02
58+500.00		57.8629	20.00		58.9135		1,178.27	58.38		54.97
58+520.00		59.9641	20.00		60.1022		1,202.04	58.38		54.92
58+540.00		60.2403	20.00		60.2183		1,204.37	58.38		54.96
58+560.00		60.1962	20.00		60.0696		1,201.39	58.38		55.00
58+580.00		59.9429	20.00		60.4272		1,208.54	58.38		54.96
58+600.00		60.9114			60.9114			58.38		54.86
58+600.00		60.9114	40.00		61.9823		2,479.29	58.38		54.91
58+640.00		63.0532	20.00		63.4786		1,269.57	58.38		54.81
58+660.00		63.9040	20.00		64.2617		1,285.23	58.38		54.82
58+680.00		64.6194	20.00		63.9040		1,278.08	58.38		54.82
58+700.00		63.1886			63.1886			58.38		54.88
58+700.00		63.1886	40.00		62.8743		2,514.97	58.38		54.94
58+740.00		62.5599	20.00		62.6703		1,253.41	58.38		54.89
58+760.00		62.7807	20.00		62.8520		1,257.04	58.38		54.82
58+780.00		62.9232	20.00		63.1732		1,263.46	58.38		54.82
58+800.00		63.4231			63.4231			58.38		54.80
58+800.00		63.4231	40.00		63.3984		2,535.94	58.38		54.85
58+840.00		63.3737	20.00		64.0514		1,281.03	58.38		54.91
58+860.00		64.7291	20.00		65.3843		1,307.69	58.37		54.84
58+880.00		66.0395	20.00		65.1496		1,302.99	58.37		54.77
58+900.00		64.2597	20.00		63.3651		1,267.30	58.37		54.84
58+920.00		62.4704	20.00		62.3121		1,246.24	58.37		54.91
58+940.00		62.1537			62.1537			58.37		54.80
58+940.00		62.1537	40.00		63.7131		2,548.52	58.37		54.85
58+980.00		65.2724	20.00		67.1719		1,343.44	58.40		54.76
59+000.00		69.0713	20.00		70.0081		1,400.16	58.45		54.71
59+020.00		70.9448	20.00		72.5637		1,451.27	58.52		54.79
59+040.00		74.1826	20.00		76.3826		1,527.65	58.62		54.85
59+060.00		78.5826	20.00		81.3796		1,627.59	58.74		54.77
59+080.00		84.1766	20.00		86.7563		1,735.13	58.88		54.73
59+100.00		89.3359	20.00		91.9955		1,839.91	59.05		54.83
59+120.00		94.6550	20.00		100.2794		2,005.59	59.24		54.92
59+140.00		105.9037	20.00		111.6593		2,233.19	59.43		54.80
59+160.00		117.4148	20.00		120.9911		2,419.82	59.62		54.68
59+180.00		124.5673	20.00		127.5912		2,551.82	59.80		54.75
59+200.00		130.6150	20.00		134.7066		2,694.13	59.98		54.82
59+220.00		138.7982	20.00		142.6688		2,853.38	60.14		54.78
59+240.00		146.5393	20.00		149.6293		2,992.59	60.28		54.73
59+260.00		152.7192	20.00		155.2854		3,105.71	60.40		54.75
59+280.00		157.8516	20.00		159.1358		3,182.72	60.51		54.77
59+300.00		160.4199	20.00		161.0684		3,221.37	60.59		54.82
59+320.00		161.7169	30.00		170.8983		5,126.95	60.66		54.87
59+350.00		180.0796	10.00		90.0398		900.40	60.70		54.56
59+360.00			20.00					60.74		54.21
59+380.00			20.00					60.76		54.02
59+400.00			20.00					60.76		53.84
59+420.00			20.00					60.75		53.60
59+440.00			20.00					60.75		53.42
59+460.00			20.00					60.75		52.14
59+480.00			20.00					60.75		51.65
59+500.00			20.00					60.75		52.33
59+520.00			20.00					60.74		50.79
59+540.00			20.00					60.74		50.78
59+560.00			20.00					60.74		51.60
59+580.00			20.00					60.74		52.10
59+600.00			20.00					60.73		52.34
59+620.00			20.00					60.73		52.29
59+640.00			20.00					60.73		52.29
59+660.00			20.00					60.73		52.52
59+680.00			20.00					60.72		52.46
59+700.00			20.00					60.72		52.60

Planilla de Volumen de Movimiento de Suelo

Perfil 4 Win

Obra: ALBERDI - PILAR Tramo: 51360 -90380

Tramo: 51+360.00 -90+380.00

Tipo: Proyecto

Volúmen: **Total** ⇐

Banquina Izquierda

Banquina Derecha

Progresiva	Areas		Distancia	Areas Medias		Volumen		Cotas		
	Excavacion	Terraplén		Excavación	Terraplén	Excavación	Terraplén	Proyecto	Carga	Terr. Nat
m.	m²	m²	m.	m²	m²	m³	m³	m	m	m
59+720.00			20.00					60.72		52.82
59+740.00			20.00					60.72		53.49
59+760.00			20.00					60.72		54.09
59+780.00			20.00					60.71		54.21
59+800.00			20.00					60.71		54.33
59+820.00			20.00					60.69		54.31
59+840.00			20.00		97.9172		1,958.34	60.65		54.29
59+860.00		195.8344	20.00		197.2229		3,944.46	60.61		54.18
59+880.00		198.6113	20.00		201.5833		4,031.67	60.57		54.11
59+900.00		204.5552	20.00		206.1186		4,122.37	60.53		53.97
59+920.00		207.6819	20.00		202.5846		4,051.69	60.47		53.79
59+940.00		197.4873	20.00		191.4953		3,829.91	60.38		53.82
59+960.00		185.5033	20.00		173.7338		3,474.68	60.28		53.85
59+980.00		161.9642	20.00		150.2501		3,005.00	60.15		54.24
60+000.00		138.5360	20.00		130.7274		2,614.55	60.00		54.63
60+020.00		122.9187	20.00		115.1072		2,302.14	59.82		54.78
60+040.00		107.2957	20.00		100.8369		2,016.74	59.62		54.93
60+060.00		94.3781	20.00		87.9201		1,758.40	59.40		54.99
60+080.00		81.4620	20.00		76.2524		1,525.05	59.17		55.14
60+100.00		71.0427	20.00		67.0105		1,340.21	58.97		55.23
60+120.00		62.9783	20.00		60.1927		1,203.85	58.80		55.23
60+140.00		57.4070	20.00		55.2921		1,105.84	58.65		55.24
60+160.00		53.1771	20.00		51.0526		1,021.05	58.53		55.26
60+180.00		48.9280	20.00		47.2562		945.12	58.44		55.31
60+200.00		45.5843	20.00		45.4812		909.62	58.38		55.36
60+220.00		45.3780	20.00		45.5571		911.14	58.34		55.32
60+240.00		45.7362	20.00		45.5813		911.63	58.34		55.28
60+260.00		45.4263	20.00		45.2689		905.38	58.34		55.29
60+280.00		45.1114	20.00		44.6114		892.23	58.34		55.31
60+300.00		44.1114	20.00		43.7199		874.40	58.34		55.33
60+320.00		43.3283	20.00		43.8216		876.43	58.34		55.36
60+340.00		44.3149	20.00		44.5619		891.24	58.34		55.34
60+360.00		44.8088	20.00		43.4892		869.78	58.33		55.34
60+380.00		42.1695	20.00		42.2363		844.73	58.33		55.41
60+400.00		42.3030	20.00		42.3636		847.27	58.33		55.42
60+420.00		42.4241	20.00		42.4309		848.62	58.33		55.41
60+440.00		42.4377	20.00		42.2036		844.07	58.33		55.41
60+460.00		41.9694	20.00		41.6893		833.79	58.33		55.40
60+480.00		41.4092	20.00		41.2449		824.90	58.33		55.41
60+500.00		41.0805	20.00		40.8356		816.71	58.33		55.44
60+520.00		40.5906	20.00		40.4379		808.76	58.33		55.48
60+540.00		40.2851	20.00		40.2387		804.77	58.33		55.49
60+560.00		40.1922	20.00		39.6477		792.95	58.33		55.50
60+580.00		39.1031	20.00		38.5291		770.58	58.33		55.53
60+600.00		37.9550	20.00		38.0714		761.43	58.33		55.57
60+620.00		38.1877	20.00		38.1760		763.52	58.33		55.55
60+640.00		38.1643	20.00		37.3102		746.20	58.33		55.57
60+660.00		36.4560	20.00		35.5933		711.87	58.33		55.63
60+680.00		34.7305	20.00		34.4678		689.36	58.33		55.69
60+700.00		34.2050	20.00		33.9161		678.32	58.33		55.70
60+720.00		33.6271	20.00		32.9085		658.17	58.32		55.73
60+740.00		32.1899	20.00		31.5485		630.97	58.32		55.78
60+760.00		30.9070	20.00		29.7553		595.11	58.32		55.83
60+780.00		28.6035	20.00		27.5644		551.29	58.32		55.92
60+800.00		26.5253	20.00		25.6762		513.52	58.32		56.00
60+820.00		24.8270	20.00		23.9710		479.42	58.32		56.05
60+840.00		23.1150	20.00		22.1147		442.29	58.32		56.11
60+860.00		21.1143	20.00		20.1658		403.32	58.32		56.20
60+880.00		19.2172	20.00		18.5316		370.63	58.32		56.30
60+900.00		17.8460	20.00		17.3464		346.93	58.32		56.38
60+920.00		16.8468	20.00		16.4609		329.22	58.32		56.41
60+940.00		16.0750	20.00		15.7876		315.75	58.32		56.45
60+960.00		15.5002	20.00		15.0407		300.81	58.32		56.48
60+980.00		14.5812	20.00		14.2922		285.84	58.32		56.54
61+000.00		14.0031	20.00		14.0283		280.57	58.32		56.57
61+020.00		14.0534			14.0534			58.32		56.54
61+020.00		14.0534	40.00		13.9422		557.69	58.32		56.56
61+060.00		13.8310	20.00		13.6598		273.20	58.32		56.55
61+080.00		13.4886	20.00		13.2114		264.23	58.32		56.57

Planilla de Volumen de Movimiento de Suelo Perfil 4 Win

Obra: ALBERDI - PILAR Tramo: 51360 -90380

Tramo: 51+360.00 -90+380.00

Tipo: Proyecto

Volúmen: **Total** ⇐

Banquina Izquierda

Banquina Derecha

Progresiva	Areas		Distancia	Areas Medias		Volumen		Cotas		
	Excavacion	Terraplén		Excavación	Terraplén	Excavación	Terraplén	Proyecto	Carga	Terr. Nat
m.	m²	m²	m.	m²	m²	m³	m³	m	m	m
61+100.00		12.9341	20.00		12.7181		254.36	58.31		56.60
61+120.00		12.5021	20.00		12.6937		253.87	58.31		56.62
61+140.00		12.8852	20.00		12.9161		258.32	58.31		56.61
61+160.00		12.9469	20.00		12.9114		258.23	58.31		56.61
61+180.00		12.8758	20.00		12.8254		256.51	58.31		56.61
61+200.00		12.7750	20.00		12.8282		256.56	58.31		56.62
61+220.00		12.8814	20.00		12.4445		248.89	58.31		56.60
61+240.00		12.0075			12.0075			58.31		56.60
61+240.00		12.0075	40.00		11.7874		471.49	58.31		56.64
61+280.00		11.5672	20.00		11.6065		232.13	58.31		56.68
61+300.00		11.6457	20.00		11.7199		234.40	58.31		56.67
61+320.00		11.7941	20.00		12.2164		244.33	58.31		56.66
61+340.00		12.6387	20.00		12.8484		256.97	58.31		56.61
61+360.00		13.0580	20.00		12.7139		254.28	58.31		56.60
61+380.00		12.3698	20.00		12.8494		256.99	58.31		56.62
61+400.00		13.3290	20.00		13.4285		268.57	58.31		56.55
61+420.00		13.5279	20.00		13.7877		275.75	58.31		56.54
61+440.00		14.0475	20.00		13.6917		273.83	58.31		56.53
61+460.00		13.3359	20.00		13.2443		264.89	58.31		56.59
61+480.00		13.1527			13.1527			58.30		56.55
61+480.00		13.1527	40.00		13.7902		551.61	58.30		56.59
61+520.00		14.4276	20.00		14.7588		295.18	58.30		56.55
61+540.00		15.0899			15.0899			58.30		56.53
61+540.00		15.0899	40.00		16.2989		651.96	58.30		56.57
61+580.00		17.5079	20.00		17.8582		357.16	58.30		56.44
61+600.00		18.2084	20.00		17.6164		352.33	58.30		56.47
Totales:			10,220.00 ml				**358,152.81 m³** (A)			

	INICIO	FIN	LONG.	ESPESOR	ANCHO	VOLUMEN
REFUERZO 1 CAPA	51+400.00	51+520.00	120	0.2	7.1	**170.40 m³**
	52+720.00	59+350.00	6630	0.2	7.1	**9,414.60 m³**
	59+860.00	61+600.00	1740	0.2	7.1	**2,470.80 m³**
DARSENA	53+920.00	54+120.00	200	0.2	2327	**465.40 m³**
PEAJE	55+800.00	56+000.00	200	0.2	1420.44	**284.09 m³**
						12,805.29 m³ (B)

	INICIO	FIN	LONG.	ESPESOR	AREA	VOLUMEN
DARSENA	53+920.00	54+120.00	200	1.7	2327	**3,955.90 m³** (C)

	INICIO	FIN	LONG.	ESPESOR	AREA	VOLUMEN
PEAJE	55+800.00	56+000.00	200	1.7	1420.44	**2,414.75 m³** (D)

TOTAL	**377,328.75 m³**	A+B+C+D

PAVIMENTOS

2.3 Sub Base de Suelo Cemento Rc≥15 kg/cm2

Medición Parcial											
PROGRESIVAS		LONGITUD	ANCHO	LADO	ESPESOR	% DE CAL	EJECUTADO			LADO	OBS
DE	A						ANTERIOR	PRESENTE	ACUMULADO		
1	2	3	4	5	6	7=5/(3*4)	8	9=10-9	10=5x6	11	12
51+400.00	90+580.00	39180.00	6.470	2.00	0.20						
	4+333.00	4333.00	6.470	2.00	0.20						
	PUENTES		6.470	2.00	0.20						
TOTAL ACUMULADO											

		M3
CONTRACTUAL	110,551.56	M3
TOTAL	-110,551.56	M3

2.2.1.2 Sub Base Suelo Piedra CBR≥60 - e= 18cm

Medición Parcial											
PROGRESIVAS		LONGITUD	ANCHO	LADO	ESPESOR	% DE CAL	EJECUTADO			LADO	OBS
DE	A						ANTERIOR	PRESENTE	ACUMULADO		
1	2	3	4	5	6	7=5/(3*4)	8	9=10-9	10=5x6	11	12
51+400.00	90+580.00	39180.00	6.470	2.00	0.18			91,258.06	91,258.06		
	4+333.00	4333.00	6.470	2.00	0.18			10,092.42	10,092.42		
	PUENTES		6.470	2.00	0.18			-1,854.08			
								99,496.40			
TOTAL ACUMULADO											

	99,496.40	M3
CONTRACTUAL		M3
TOTAL	99,496.40	M3

2.5.2.2 Riego de Imprimación

Medición Parcial											
PROGRESIVAS		LONGITUD	ANCHO	LADO	ESPESOR	% DE CAL	EJECUTADO			LADO	OBS
DE	A						ANTERIOR	PRESENTE	ACUMULADO		
1	2	3	4	5	6	7=5/(3*4)	8	9=10-9	10=5x6	11	12
51+400.00	90+580.00	39180.00	6.470	2.00	1.00			506,989.20	506,989.20		
	4+333.00	4333.00	6.470	2.00	1.00			56,069.02	56,069.02		
	PUENTES		6.470	2.00	1.00			-10,300.42			
								552,757.80			
TOTAL ACUMULADO											

AREA	552,757.80	LT
TASA	0.80	LT
	0.64	RESIDUO
TOTAL	283,011.99	LT

OBRAS DE ARTES Y DRENAJES

LISTADO DE ALCANTARILLAS				
CODIGO PA-XX-R1	Progresiva	Tipo	Longitud mts	OBS
TOTAL			**1457.42**	
1	53+270	1-1x1	17.07	
2	54+250	1-1x1	20.17	
3	54+390	1-1x1	21.00	
4	54+840	2-1x1	20.00	
5	54+950	2-1x1	20.00	
6	55+550	1-1x1	19.00	
7	56+910	3-1x1	18.00	
8	57+920	1-1x1	15.00	
8.1	58+000	1-3x3	15.00	
10	58+640	1-1x1	25.00	
11	58+880	1-1x1	25.50	
12	59+160	1-1x1	34.00	
13	60+260	1-1x1	22.00	
14	60+620	1-1x1	20.00	
15	61+630	1-1x1	20.00	
15.1	62+420	1-1,5x1,5	7.00	
16	62+450	2-1,5x1,5	17.40	
16.1	63+300	1-1x1	15.00	
16.2	64+130	1-1,5x1,5	5.00	
17	64+120	2-1,5x1,5	15.25	
17.1	64+500	1-1x1	20.00	
17.2	65+300	1-1x1	15.00	
18	66+250	1-1,5x1,5	19.09	
	66+730	**PUENTE**	**15.00**	
19	67+180	1-1,5x1,5	20.18	
19.1	67+745	2-1,5x1,5	15.50	
22	68+670	2-1x1	17.95	
23	69+030	2-1x1	17.93	
24	69+800	2-1x1	19.82	
24.1	70+200	1-1x1	15.00	
25	70+950	1-1x1	15.00	
26	71+010	1-1x1	15.05	
27	71+080	1-1,5x1,5	15.15	
28	71+123	2-2x2	14.78	
28.1	71+840	1-1x1	15.00	
28.2	72+400	1-1x1	16.00	
28.3	72+820	1-1,5x1,5	9.00	
29	72+845	1-1x1	18.07	
30	74+490	1-1x1	15.03	
31	74+590	1-1x1	15.03	
32	75+780	2-2x2	14.62	
	76+770	**PUENTE**	**24.00**	
33	78+330	1-1x1	15.23	
34	78+600	2-1,5x1,5	13.35	
35	79+150	1-1x1	15.10	
36	79+330	1-1,5x1,5	13.90	
37	79+835	2-1x1	26.20	
	80+120	**PUENTE**	**15.00**	
38	80+520	2-1x1	22.10	
39	81+240	2-1x1	14.10	
40	82+120	2-1x1	15.10	
41	82+460	1-1x1	15.10	
42	82+760	1-1x1	15.10	
	83+290	**PUENTE**	**60.00**	

LISTADO DE ALCANTARILLAS				
CODIGO PA-XX-R1	Progresiva	Tipo	Longitud mts	OBS
43	84+570	1-1x1	14.10	
43.1	84+840	1-1x1	20.00	
43.2	85+020	1-1x1	15.00	
44	85+220	1-1x1	15.00	
45	85+660	1-1x1	15.00	
46	86+020	1-1x1	15.00	
47	86+180	1-1x1	15.00	
48	86+380	1-1x1	15.00	
49	86+530	1-1x1	15.00	
50	86+700	1-1x1	15.00	
51	87+320	1-1x1	15.00	
52	87+760	1-1x1	15.00	
53	87+980	1-1x1	15.00	
54	88+300	1-1x1	15.00	
55	88+460	1-1x1	15.00	
56	88+760	1-1x1	15.50	
57	88+990	1-1x1	15.00	
58	89+260	1-1x1	15.00	
59	89+500	1-1x1	15.00	
60	89+740	1-1x1	15.00	
61	90+200	1-1x1	15.00	
61.1	90+400	2-1x1	18.10	
61.2	90+505	2-1x1	18.10	
62	+278	3-1x1	17.10	
63	+680	2-1x1	15.10	
64	1+420	2-1x1	15.05	
65	2+080	2-1x1	17.25	
66	2+382	3-1x1	18.10	
67	3+268	2-1x1	15.15	
68	3+700	1-1x1	16.00	
69	3+900	1-1x1	14.00	

PUENTES

4.3	PUENTE RIO TEBICUARY PROG. 52+132,5 Longitud: 1.175 m Ancho: 11.80 m		
	DESCRIPCIÓN	UNIDAD	CANTIDAD
4.3.2	Relleno Granular	m3	52.04
4.3.3	Excavación Estructural para Puentes	m3	2,988.67
4.3.4	Hormigón de Limpieza fck ≥ 15 Mpa	m3	87.75
4.3.5.4	Pilotes preperforados de ø 1,50 fck ≥ 25 Mpa	ml	
4.3.5.2	Pilote Pre perforado de ø 1,00 m fck ≥ 25 Mpa	ml	3,548.00
4.3.5.3	Pilote Pre perforado de ø 1,20 m fck ≥ 25 Mpa	ml	1,372.00
4.3.6.B	Viga Dintel fck ≥ 25 Mpa	m3	908.26
4.3.7	Pilas fck ≥ 25 Mpa	m3	361.00
4.3.8	Estribo fck≥ 25 Mpa	m3	182.99
4.3.10	Vigas Longitudinales Prefabricadas	ml	4,684.26
4.3.12	Vigas Transversales fck ≥ 25 Mpa	m3	
4.3.13	Vigas Riostras fck≥25	m3	93.84
4.3.14	Tablero fck≥25 Mpa	m3	2,814.89
4.3.15	Losa de Aproximación fck≥25 Mpa	m3	33.00
4.3.17	Defensa New Jersey	ml	2,350.00
4.3.19	Apoyos elastomericos	un	376.00
4.3.20	Drenaje de Estribo	m3	23.76
4.3.21	Drenaje de Tablero ø100 mm	ml	611.00
4.3.22	Junta de Dilatación	ml	111.50
4.3.24	Provisión y Colocación de Geotextil 150gr/m2	m2	9,049.80
4.3.25	Colchonetas de pedra embolsada esp=0,23 m	m2	3,040.00
4.3.26	Gaviones de piedra embolsada	m3	2,190.00
4.3.27	Estudios Geotecnicos	un	96.00
4.3.28	Investigación de pilotes por metodos No Destructivos (Sonico)	un	188.00
4.3.29	Evaluación de Vigas Pret por Met No Destructivos		
4.3.29.1	Evaluación de Vigas Pret por Met No Destructivos (Pulso Eco o UltraSonido)	un	188.00
4.3.29.2	Evaluación de Vigas Pret por Met No Destructivos de Carga Dinamica	un	47.00
4.3.30	Ensayo de Capacidad de Carga en Pilotes por Metodos Dinamicos	un	47.00
4.3.31	Prueba de Recepcion de Puentes	tramo	47.00
4.3.6	Cabezales	m3	1,100.40
4.3.17.C	Baranda Metálica en Senda Peatonal	ml	1,195.00

4.3.2 Relleno Granular

Medición Parcial											
PROGRESIVAS		LARGO	ANCHO	ALTURA	CANTIDAD	EJECUTADO			OBSERVACIÓN		
DE	A					ANTERIOR	PRESENTE	ACUMULADO			
1	2	3	4	5	6	7	8=9-7	9=3x4x5x6			
ESTRIBO LADO ALBERDI											
52+132.50	Tebicuary					0.00	0.00	0.00	Estribo 1		
PILAS											
52+132.50	Tebicuary					0.00	0.00	0.00	Pilas		
ESTRIBO LADO PILAR											
52+132.50	Tebicuary					0.00	0.00	0.00	Estribo 2		
						0.00	0.00	52.04	m3		

4.3.3 Excavación Estructural para Puentes

Medición Parcial											
PROGRESIVAS		LARGO	ANCHO	ALTURA	CANTIDAD	EJECUTADO			OBSERVACIÓN		
DE	A					ANTERIOR	PRESENTE	ACUMULADO			
1	2	3	4	5	6	7	8=9-7	9=3x4x5x6			
ESTRIBO LADO ALBERDI											
52+132.50	Tebicuary					0.00	0.00	0.00	Estribo 1		
PILAS											
52+132.50	Tebicuary					0.00	0.00	0.00	Pilas		
ESTRIBO LADO PILAR											
52+132.50	Tebicuary					0.00	0.00	0.00	Estribo 2		
						0.00	0.00	2,988.67	m3		

4.3.4 Hormigón de Limpieza fck ≥ 15 Mpa

Medición Parcial										
PROGRESIVAS		LARGO	ANCHO	AREA PILOTE	CANTIDAD	EJECUTADO			OBSERVACIÓN	
DE	A					ANTERIOR	PRESENTE	ACUMULADO		
1	2	3	4	5	6	7	8=9-7	9=(3x4-5)X6x0,10		
ESTRIBO LADO ALBERDI										
52+132.50	Tebicuary	12.70	5.20	6.28	1	0.00	5.98	5.98	Estribo 1	Cabezal
52+132.50	Tebicuary	11.20	5.20	0.00	1	1.00	4.82	5.82	Estribo 1	Losa de Aproximación
PILAS										
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 1	Cabezales
52+133.50	Tebicuary	0.00	0.00	0.00	2	0.00	0.00	0.00	Pila 2	Cabezales
52+134.50	Tebicuary	0.00	0.00	0.00	2	0.00	0.00	0.00	Pila 3	Cabezales
52+135.50	Tebicuary	0.00	0.00	0.00	2	0.00	0.00	0.00	Pila 4	Cabezales
52+136.50	Tebicuary	0.00	0.00	0.00	2	0.00	0.00	0.00	Pila 5	Cabezales
52+137.50	Tebicuary	0.00	0.00	0.00	2	0.00	0.00	0.00	Pila 6	Cabezales
52+138.50	Tebicuary	0.00	0.00	0.00	2	0.00	0.00	0.00	Pila 7	Cabezales
52+139.50	Tebicuary	0.00	0.00	0.00	2	0.00	0.00	0.00	Pila 8	Cabezales
52+140.50	Tebicuary	0.00	0.00	0.00	2	0.00	0.00	0.00	Pila 9	Cabezales
52+141.50	Tebicuary	0.00	0.00	0.00	2	0.00	0.00	0.00	Pila 10	Cabezales
52+142.50	Tebicuary	0.00	0.00	0.00	2	0.00	0.00	0.00	Pila 11	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 12	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 13	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 14	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 15	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 16	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 17	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 18	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 19	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 20	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 21	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 22	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 23	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 24	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 25	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 26	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 27	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 28	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 29	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 30	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 31	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 32	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 33	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 34	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 35	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 36	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 37	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 38	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 39	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 40	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 41	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 42	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 43	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 44	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 45	Cabezales
52+132.50	Tebicuary	5.20	1.80	1.57	2	0.00	1.56	1.56	Pila 46	Cabezales
PILAS										
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22	Pila 1	Vigas Riostras
52+132.50	Tebicuary	0.00	0.00	0.00	1	0.00	0.00	0.00	Pila 2	Vigas Riostras
52+132.50	Tebicuary	0.00	0.00	0.00	1	0.00	0.00	0.00	Pila 3	Vigas Riostras
52+132.50	Tebicuary	0.00	0.00	0.00	1	0.00	0.00	0.00	Pila 4	Vigas Riostras
52+132.50	Tebicuary	0.00	0.00	0.00	1	0.00	0.00	0.00	Pila 5	Vigas Riostras
52+132.50	Tebicuary	0.00	0.00	0.00	1	0.00	0.00	0.00	Pila 6	Vigas Riostras
52+132.50	Tebicuary	0.00	0.00	0.00	1	0.00	0.00	0.00	Pila 7	Vigas Riostras

52+132.50	Tebicuary	0.00	0.00	0.00	1	0.00	0.00	0.00		Pila 8	Vigas Riostras
52+132.50	Tebicuary	0.00	0.00	0.00	1	0.00	0.00	0.00		Pila 9	Vigas Riostras
52+132.50	Tebicuary	0.00	0.00	0.00	1	0.00	0.00	0.00		Pila 10	Vigas Riostras
52+132.50	Tebicuary	0.00	0.00	0.00	1	0.00	0.00	0.00		Pila 11	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 12	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 13	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 14	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 15	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 16	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 17	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 18	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 19	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 20	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 21	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 22	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 23	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 24	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 25	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 26	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 27	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 28	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 29	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 30	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 31	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 32	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 33	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 34	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 35	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 36	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 37	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 38	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 39	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 40	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 41	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 42	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 43	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 44	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 45	Vigas Riostras
52+132.50	Tebicuary	3.20	0.70	0.00	1	0.00	0.22	0.22		Pila 46	Vigas Riostras
ESTRIBO LADO PILAR											
52+132.50	Tebicuary	12.70	5.20	6.28	1	0.00	5.98	5.98		Estribo 2	Cabezal
52+132.50	Tebicuary	11.20	5.20	0.00	1	1.00	4.82	5.82		Estribo 1	Losa de Aproximación
						2.00	85.75	87.75	m3		

4.3.5.2 Pilote Pre perforado de ø 1,00 m fck ≥ 25 Mpa

Medición Parcial										
PROGRESIVAS		DIAMETRO	PRFUNDIDAD		CANTIDAD	EJECUTADO			OBSERVACIÓN
DE	A					ANTERIOR	PRESENTE	ACUMULADO	
1	2	3	4	5	6	7	8=9-7	9=4x6	
ESTRIBO LADO ALBERDI									
52+132.50	Tebicuary	1.00	23.00		8	0.00	184.00	184.00	Estribo 1
PILAS									
52+132.50	Tebicuary	1.00	24.00		4	0.00	96.00	96.00	Pila 1
52+132.50	Tebicuary	1.00	21.00		4	0.00	84.00	84.00	Pila 12
52+132.50	Tebicuary	1.00	21.00		4	0.00	84.00	84.00	Pila 13
52+132.50	Tebicuary	1.00	22.00		4	0.00	88.00	88.00	Pila 14
52+132.50	Tebicuary	1.00	22.00		4	0.00	88.00	88.00	Pila 15
52+132.50	Tebicuary	1.00	22.00		4	0.00	88.00	88.00	Pila 16
52+132.50	Tebicuary	1.00	23.00		4	0.00	92.00	92.00	Pila 17
52+132.50	Tebicuary	1.00	24.00		4	0.00	96.00	96.00	Pila 18
52+132.50	Tebicuary	1.00	24.00		4	0.00	96.00	96.00	Pila 19
52+132.50	Tebicuary	1.00	23.00		4	0.00	92.00	92.00	Pila 20
52+132.50	Tebicuary	1.00	24.00		4	0.00	96.00	96.00	Pila 21
52+132.50	Tebicuary	1.00	22.00		4	0.00	88.00	88.00	Pila 22
52+132.50	Tebicuary	1.00	21.00		4	0.00	84.00	84.00	Pila 23
52+132.50	Tebicuary	1.00	21.00		4	0.00	84.00	84.00	Pila 24
52+132.50	Tebicuary	1.00	21.00		4	0.00	84.00	84.00	Pila 25
52+132.50	Tebicuary	1.00	21.00		4	0.00	84.00	84.00	Pila 26
52+132.50	Tebicuary	1.00	21.00		4	0.00	84.00	84.00	Pila 27
52+132.50	Tebicuary	1.00	21.00		4	0.00	84.00	84.00	Pila 28
52+132.50	Tebicuary	1.00	22.00		4	0.00	88.00	88.00	Pila 29
52+132.50	Tebicuary	1.00	23.00		4	0.00	92.00	92.00	Pila 30
52+132.50	Tebicuary	1.00	23.00		4	0.00	92.00	92.00	Pila 31
52+132.50	Tebicuary	1.00	23.00		4	0.00	92.00	92.00	Pila 32
52+132.50	Tebicuary	1.00	22.00		4	0.00	88.00	88.00	Pila 33
52+132.50	Tebicuary	1.00	22.00		4	0.00	88.00	88.00	Pila 34
52+132.50	Tebicuary	1.00	23.00		4	0.00	92.00	92.00	Pila 35
52+132.50	Tebicuary	1.00	23.00		4	0.00	92.00	92.00	Pila 36
52+132.50	Tebicuary	1.00	24.00		4	0.00	96.00	96.00	Pila 37
52+132.50	Tebicuary	1.00	23.00		4	0.00	92.00	92.00	Pila 38
52+132.50	Tebicuary	1.00	23.00		4	0.00	92.00	92.00	Pila 39
52+132.50	Tebicuary	1.00	24.00		4	0.00	96.00	96.00	Pila 40
52+132.50	Tebicuary	1.00	22.00		4	0.00	88.00	88.00	Pila 41
52+132.50	Tebicuary	1.00	21.00		4	0.00	84.00	84.00	Pila 42
52+132.50	Tebicuary	1.00	22.00		4	0.00	88.00	88.00	Pila 43
52+132.50	Tebicuary	1.00	21.00		4	0.00	84.00	84.00	Pila 44
52+132.50	Tebicuary	1.00	20.00		4	0.00	80.00	80.00	Pila 45
52+132.50	Tebicuary	1.00	20.00		4	0.00	80.00	80.00	Pila 46
ESTRIBO LADO PILAR									
52+132.50	Tebicuary	1.00	21.00		8	0.00	168.00	168.00	Estribo 2
						0.00	3,548.00	3,548.00	ml

4.3.5.3 Pilote Pre perforado de ø 1,20 m fck ≥ 25 Mpa

Medición Parcial											
PROGRESIVAS		DIAMETRO	PRFUNDIDAD		CANTIDAD	EJECUTADO			OBSERVACIÓN		
DE	A					ANTERIOR	PRESENTE	ACUMULADO			
1	2	3	4	5	6	7	8=9-7	9=4x6			
PILAS											
52+132.50	Tebicuary	1.20	26.00		4	0.00	104.00	104.00	Pila 2		
52+132.50	Tebicuary	1.20	37.50		4	0.00	150.00	150.00	Pila 3		
52+132.50	Tebicuary	1.20	39.00		4	0.00	156.00	156.00	Pila 4		
52+132.50	Tebicuary	1.20	38.00		4	0.00	152.00	152.00	Pila 5		
52+132.50	Tebicuary	1.20	41.00		4	0.00	164.00	164.00	Pila 6		
52+132.50	Tebicuary	1.20	41.00		4	0.00	164.00	164.00	Pila 7		
52+132.50	Tebicuary	1.20	37.00		4	0.00	148.00	148.00	Pila 8		
52+132.50	Tebicuary	1.20	32.00		4	0.00	128.00	128.00	Pila 9		
52+132.50	Tebicuary	1.20	28.00		4	0.00	112.00	112.00	Pila 10		
52+132.50	Tebicuary	1.20	23.50		4	0.00	94.00	94.00	Pila 11		
						0.00	1,372.00	1,372.00	ml		

4.3.6.8 Viga Dintel fck ≥ 25 Mpa

Medición Parcial											
PROGRESIVAS		BRUTO	PEDESTAL	DORTE	CANTIDAD	EJECUTADO			OBSERVACIÓN		
DE	A					ANTERIOR	PRESENTE	ACUMULADO			
1	2	3	4	5	6	7	8=9-7	9=(3+4-5)x6			
PILAS											
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 1		
52+133.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 2		
52+134.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 3		
52+135.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 4		
52+136.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 5		
52+137.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 6		
52+138.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 7		
52+139.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 8		
52+140.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 9		
52+141.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 10		
52+142.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 11		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 12		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 13		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 14		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 15		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 16		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 17		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 18		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 19		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 20		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 21		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 22		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 23		
52+132.50	Tebicuary	22.14	0.19	2.06	1	0.00	20.28	20.28	Pila 24		
52+132.50	Tebicuary	22.14	0.19	2.06	1	0.00	20.28	20.28	Pila 25		
52+132.50	Tebicuary	22.14	0.19	2.06	1	0.00	20.28	20.28	Pila 26		
52+132.50	Tebicuary	22.14	0.19	2.06	1	0.00	20.28	20.28	Pila 27		
52+132.50	Tebicuary	22.14	0.19	2.06	1	0.00	20.28	20.28	Pila 28		
52+132.50	Tebicuary	22.14	0.19	2.06	1	0.00	20.28	20.28	Pila 29		
52+132.50	Tebicuary	22.14	0.19	2.06	1	0.00	20.28	20.28	Pila 30		
52+132.50	Tebicuary	22.14	0.19	2.06	1	0.00	20.28	20.28	Pila 31		
52+132.50	Tebicuary	22.14	0.19	2.06	1	0.00	20.28	20.28	Pila 32		
52+132.50	Tebicuary	22.14	0.19	2.06	1	0.00	20.28	20.28	Pila 33		
52+132.50	Tebicuary	22.14	0.19	2.06	1	0.00	20.28	20.28	Pila 34		
52+132.50	Tebicuary	22.14	0.19	2.06	1	0.00	20.28	20.28	Pila 35		
52+132.50	Tebicuary	22.14	0.19	2.06	1	0.00	20.28	20.28	Pila 36		
52+132.50	Tebicuary	22.14	0.19	2.06	1	0.00	20.28	20.28	Pila 37		
52+132.50	Tebicuary	22.14	0.19	2.06	1	0.00	20.28	20.28	Pila 38		
52+132.50	Tebicuary	22.14	0.19	2.06	1	0.00	20.28	20.28	Pila 39		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 40		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 41		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 42		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 43		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 44		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 45		
52+132.50	Tebicuary	21.28	0.19	2.01	1	0.00	19.46	19.46	Pila 46		
						0.00	908.26	908.26	m3		

4.3.7 Pilas fck ≥ 25 Mpa

Medición Parcial										
PROGRESIVAS		IZQUIERDA	DERECHA	SECCIÓN	CANTIDAD	EJECUTADO			OBSERVACIÓN
DE	A					ANTERIOR	PRESENTE	ACUMULADO	
1	2	3	4	5	6	7	8=9-7	9=(3+4)x5x6	10
PILAS									
52+132.50	Tebicuary	5.41	5.42	0.64	1	0.00	6.93	6.93	Pila 1
52+133.50	Tebicuary	6.25	6.26	0.64	1	0.00	8.00	8.00	Pila 2
52+134.50	Tebicuary	6.98	6.99	0.64	1	0.00	8.94	8.94	Pila 3
52+135.50	Tebicuary	7.56	7.57	0.64	1	0.00	9.68	9.68	Pila 4
52+136.50	Tebicuary	7.99	7.99	0.64	1	0.00	10.23	10.23	Pila 5
52+137.50	Tebicuary	8.26	8.27	0.64	1	0.00	10.58	10.58	Pila 6
52+138.50	Tebicuary	8.39	8.39	0.64	1	0.00	10.74	10.74	Pila 7
52+139.50	Tebicuary	8.36	8.36	0.64	1	0.00	10.70	10.70	Pila 8
52+140.50	Tebicuary	8.17	8.18	0.64	1	0.00	10.47	10.47	Pila 9
52+141.50	Tebicuary	7.84	7.85	0.64	1	0.00	10.04	10.04	Pila 10
52+142.50	Tebicuary	7.35	7.36	0.64	1	0.00	9.41	9.41	Pila 11
52+132.50	Tebicuary	7.92	7.92	0.64	1	0.00	10.14	10.14	Pila 12
52+132.50	Tebicuary	7.29	7.30	0.64	1	0.00	9.34	9.34	Pila 13
52+132.50	Tebicuary	6.76	6.77	0.64	1	0.00	8.66	8.66	Pila 14
52+132.50	Tebicuary	6.31	6.32	0.64	1	0.00	8.08	8.08	Pila 15
52+132.50	Tebicuary	5.95	5.96	0.64	1	0.00	7.62	7.62	Pila 16
52+132.50	Tebicuary	5.68	5.69	0.64	1	0.00	7.28	7.28	Pila 17
52+132.50	Tebicuary	5.50	5.51	0.64	1	0.00	7.04	7.04	Pila 18
52+132.50	Tebicuary	5.41	5.41	0.64	1	0.00	6.92	6.92	Pila 19
52+132.50	Tebicuary	5.36	5.36	0.64	1	0.00	6.86	6.86	Pila 20
52+132.50	Tebicuary	5.41	5.41	0.64	1	0.00	6.92	6.92	Pila 21
52+132.50	Tebicuary	5.46	5.46	0.64	1	0.00	6.99	6.99	Pila 22
52+132.50	Tebicuary	5.51	5.51	0.64	1	0.00	7.05	7.05	Pila 23
52+132.50	Tebicuary	5.55	5.56	0.64	1	0.00	7.11	7.11	Pila 24
52+132.50	Tebicuary	5.71	5.48	0.64	1	0.00	7.16	7.16	Pila 25
52+132.50	Tebicuary	5.66	5.43	0.64	1	0.00	7.10	7.10	Pila 26
52+132.50	Tebicuary	5.61	5.38	0.64	1	0.00	7.03	7.03	Pila 27
52+132.50	Tebicuary	5.56	5.33	0.64	1	0.00	6.97	6.97	Pila 28
52+132.50	Tebicuary	5.61	5.38	0.64	1	0.00	7.03	7.03	Pila 29
52+132.50	Tebicuary	5.66	5.43	0.64	1	0.00	7.10	7.10	Pila 30
52+132.50	Tebicuary	5.71	5.48	0.64	1	0.00	7.16	7.16	Pila 31
52+132.50	Tebicuary	5.76	5.53	0.64	1	0.00	7.22	7.22	Pila 32
52+132.50	Tebicuary	5.71	5.48	0.64	1	0.00	7.16	7.16	Pila 33
52+132.50	Tebicuary	5.66	5.43	0.64	1	0.00	7.10	7.10	Pila 34
52+132.50	Tebicuary	5.61	5.38	0.64	1	0.00	7.03	7.03	Pila 35
52+132.50	Tebicuary	5.56	5.33	0.64	1	0.00	6.97	6.97	Pila 36
52+132.50	Tebicuary	5.61	5.38	0.64	1	0.00	7.03	7.03	Pila 37
52+132.50	Tebicuary	5.66	5.43	0.64	1	0.00	7.10	7.10	Pila 38
52+132.50	Tebicuary	5.71	5.48	0.64	1	0.00	7.16	7.16	Pila 39
52+132.50	Tebicuary	5.76	5.53	0.64	1	0.00	7.22	7.22	Pila 40
52+132.50	Tebicuary	5.51	5.51	0.64	1	0.00	7.05	7.05	Pila 41
52+132.50	Tebicuary	5.46	5.46	0.64	1	0.00	6.99	6.99	Pila 42
52+132.50	Tebicuary	5.41	5.41	0.64	1	0.00	6.92	6.92	Pila 43
52+132.50	Tebicuary	5.36	5.36	0.64	1	0.00	6.86	6.86	Pila 44
52+132.50	Tebicuary	5.41	5.41	0.64	1	0.00	6.92	6.92	Pila 45
52+132.50	Tebicuary	5.46	5.46	0.64	1	0.00	6.99	6.99	Pila 46
						0.00	361.00	361.00	m3

4.3.8 Estribo fck≥ 25 Mpa

Medición Parcial										
PROGRESIVAS		LARGO	ANCHO	ALTURA	CANTIDAD	EJECUTADO			OBSERVACIÓN
DE	A					ANTERIOR	PRESENTE	ACUMULADO	
1	2	3	4	5	6	7	8=9-7	9=3x4x5x6	10
LADO PILAR									
66+730.00	Tebicuary	11.00	0.70	4.67	1	0.00	35.96	35.96	pantalla frontal inferior
66+730.00	Tebicuary	11.00	0.70	1.08	1	0.00	8.32	8.32	viga asiento rectangulo
66+730.00	Tebicuary	11.00	0.39	0.78	1	0.00	3.35	3.35	viga asiento triangulo
66+730.00	Tebicuary	11.00	0.78	0.30	1	0.00	2.57	2.57	pantalla frontal superior tria
66+730.00	Tebicuary	11.00	0.60	1.10	1	0.00	7.26	7.26	pantalla frontal superior rec
66+730.00	Tebicuary	11.00	0.30	0.75	1	0.00	2.48	2.48	pantalla frontal superior rec
66+730.00	Tebicuary	2.25	0.40	2.78	2	0.00	5.00	5.00	ala rectangulo inferior
66+730.00	Tebicuary	5.23	0.40	2.97	2	0.00	12.41	12.41	ala trapezio 1
66+730.00	Tebicuary	8.66	0.40	1.37	2	0.00	9.49	9.49	ala trapezio 2
66+730.00	Tebicuary	10.00	0.40	0.50	2	0.00	4.00	4.00	ala rectangulo superior
66+730.00	Tebicuary	0.89	0.20	1.58	2	0.00	0.56	0.56	
66+730.00	Tebicuary	0.60	0.40	0.10	4	0.00	0.10	0.10	Pedestal
LADO ALBERDI									
66+730.00	Tebicuary	11.00	0.70	4.67	1	0.00	35.96	35.96	pantalla frontal
66+730.00	Tebicuary	11.00	0.70	1.08	1	0.00	8.32	8.32	viga asiento rectangulo
66+730.00	Tebicuary	11.00	0.39	0.78	1	0.00	3.35	3.35	viga asiento trapezio
66+730.00	Tebicuary	11.00	0.78	0.30	1	0.00	2.57	2.57	pantalla frontal superior tria
66+730.00	Tebicuary	11.00	0.60	1.10	1	0.00	7.26	7.26	pantalla frontal superior rec
66+730.00	Tebicuary	11.00	0.30	0.75	1	0.00	2.48	2.48	pantalla frontal superior rec
66+730.00	Tebicuary	2.25	0.40	2.78	2	0.00	5.00	5.00	ala rectangulo inferior
66+730.00	Tebicuary	5.23	0.40	2.97	2	0.00	12.41	12.41	ala trapezio 1
66+730.00	Tebicuary	8.66	0.40	1.37	2	0.00	9.49	9.49	ala trapezio 2
66+730.00	Tebicuary	10.00	0.40	0.50	2	0.00	4.00	4.00	ala rectangulo superior
66+730.00	Tebicuary	0.89	0.20	1.58	2	0.00	0.56	0.56	pilares posteriores
66+730.00	Tebicuary	0.60	0.40	0.10	4	0.00	0.10	0.10	Pedestal
						0.00	182.99	182.99	m3

4.3.10 Vigas Longitudinales Prefabricadas

Medición Parcial									
PROGRESIVAS		VIGA 1	VIGA 2	VIGA 3	VIGA 4	EJECUTADO			OBSERVACIÓN
DE	A					ANTERIOR	PRESENTE	ACUMULADO	
1	2	3	4	5	6	7	8=9-7	9=3+4+5+6	10
TRAMO									
52+132.50	Tebicuary	25.35	25.35	25.35	25.35	0.00	101.40	101.40	Vano 1
52+133.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 2
52+133.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 3
52+134.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 4
52+135.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 5
52+136.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 6
52+137.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 7
52+138.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 8
52+139.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 9
52+140.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 10
52+141.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 11
52+142.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 12
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 13
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 14
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 15
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 16
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 17
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 18
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 19
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 20
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 21
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 22
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 23
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 24
52+132.50	Tebicuary	25.08	24.96	24.84	24.72	0.00	99.59	99.59	Vano 25
52+132.50	Tebicuary	25.08	24.96	24.84	24.72	0.00	99.59	99.59	Vano 26
52+132.50	Tebicuary	25.08	24.96	24.39	24.72	0.00	99.15	99.15	Vano 27
52+133.50	Tebicuary	25.08	24.96	24.84	24.72	0.00	99.59	99.59	Vano 28
52+132.50	Tebicuary	25.08	24.96	24.84	24.72	0.00	99.59	99.59	Vano 29
52+132.50	Tebicuary	25.08	24.96	24.84	24.72	0.00	99.59	99.59	Vano 30
52+132.50	Tebicuary	25.08	24.96	24.84	24.72	0.00	99.59	99.59	Vano 31
52+132.50	Tebicuary	25.08	24.96	24.84	24.72	0.00	99.59	99.59	Vano 32
52+132.50	Tebicuary	25.08	24.96	24.84	24.72	0.00	99.59	99.59	Vano 33
52+132.50	Tebicuary	25.08	24.96	24.84	24.72	0.00	99.59	99.59	Vano 34
52+132.50	Tebicuary	25.08	24.96	24.84	24.72	0.00	99.59	99.59	Vano 35
52+132.50	Tebicuary	25.08	24.96	24.84	24.72	0.00	99.59	99.59	Vano 36
52+132.50	Tebicuary	25.08	24.96	24.84	24.72	0.00	99.59	99.59	Vano 37
52+132.50	Tebicuary	25.08	24.96	24.84	24.72	0.00	99.59	99.59	Vano 38
52+132.50	Tebicuary	25.05	24.95	24.85	24.74	0.00	99.59	99.59	Vano 39
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 40
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 41
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 42
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 43
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 44
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 45
52+132.50	Tebicuary	24.90	24.90	24.90	24.90	0.00	99.60	99.60	Vano 46
52+132.50	Tebicuary	25.35	25.35	25.35	25.35	0.00	101.40	101.40	Vano 47
						0.00	4,684.26	4,684.26	m3

4.3.13 Vigas Riostras fck≥25

Medición Parcial									
PROGRESIVAS		LARGO	ANCHO	ALTURA	CANTIDAD	EJECUTADO			OBSERVACIÓN
DE	A					ANTERIOR	PRESENTE	ACUMULADO	
1	2	3	4	5	6	7	8=9-7	9=3x4x5x6	
PILAS									
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 1
52+133.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 2
52+134.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 3
52+135.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 4
52+136.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 5
52+137.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 6
52+138.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 7
52+139.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 8
52+140.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 9
52+141.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 10
52+142.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 11
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 12
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 13
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 14
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 15
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 16
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 17
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 18
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 19
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 20
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 21
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 22
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 23
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 24
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 25
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 26
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 27
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 28
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 29
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 30

52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 31		
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 32		
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 33		
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 34		
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 35		
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 36		
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 37		
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 38		
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 39		
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 40		
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 41		
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 42		
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 43		
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 44		
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 45		
52+132.50	Tebicuary	3.40	0.50	1.20	1	0.00	2.04	2.04	Pila 46		
						0.00	93.84	93.84	m3		

4.3.14 Tablero fck≥25 Mpa

Medición Parcial											
PROGRESIVAS		LARGO	ANCHO	ESPESOR	CANTIDAD	EJECUTADO			OBSERVACIÓN		
DE	A					ANTERIOR	PRESENTE	ACUMULADO			
1	2	3	4	5	6	7	8=9-7	9=3x4x5x6			
TRAMO											
52+132.50	Tebicuary	25.40	11.80	0.20	1	0.00	59.94	59.94	Vano 1		
52+133.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 2		
52+133.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 3		
52+134.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 4		
52+135.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 5		
52+136.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 6		
52+137.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 7		
52+138.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 8		
52+139.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 9		
52+140.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 10		
52+141.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 11		
52+142.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 12		
52+132.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 13		
52+132.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 14		
52+132.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 15		
52+132.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 16		
52+132.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 17		
52+132.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 18		
52+132.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 19		
52+132.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 20		
52+132.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 21		
52+132.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 22		
52+132.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 23		
52+132.50	Tebicuary	25.00	12.05	0.20	1	0.00	60.25	60.25	Vano 24		
52+132.50	Tebicuary	25.00	12.30	0.20	1	0.00	61.50	61.50	Vano 25		
52+132.50	Tebicuary	25.00	12.30	0.20	1	0.00	61.50	61.50	Vano 26		
52+132.50	Tebicuary	25.00	12.30	0.20	1	0.00	61.50	61.50	Vano 27		
52+133.50	Tebicuary	25.00	12.30	0.20	1	0.00	61.50	61.50	Vano 28		
52+132.50	Tebicuary	25.00	12.30	0.20	1	0.00	61.50	61.50	Vano 29		
52+132.50	Tebicuary	25.00	12.30	0.20	1	0.00	61.50	61.50	Vano 30		
52+132.50	Tebicuary	25.00	12.30	0.20	1	0.00	61.50	61.50	Vano 31		
52+132.50	Tebicuary	25.00	12.30	0.20	1	0.00	61.50	61.50	Vano 32		
52+132.50	Tebicuary	25.00	12.30	0.20	1	0.00	61.50	61.50	Vano 33		
52+132.50	Tebicuary	25.00	12.30	0.20	1	0.00	61.50	61.50	Vano 34		
52+132.50	Tebicuary	25.00	12.30	0.20	1	0.00	61.50	61.50	Vano 35		
52+132.50	Tebicuary	25.00	12.30	0.20	1	0.00	61.50	61.50	Vano 36		
52+132.50	Tebicuary	25.00	12.30	0.20	1	0.00	61.50	61.50	Vano 37		
52+132.50	Tebicuary	25.00	12.30	0.20	1	0.00	61.50	61.50	Vano 38		
52+132.50	Tebicuary	25.00	12.30	0.20	1	0.00	61.50	61.50	Vano 39		
52+132.50	Tebicuary	25.00	12.05	0.20	1	0.00	60.25	60.25	Vano 40		
52+132.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 41		
52+132.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 42		
52+132.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 43		
52+132.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 44		
52+132.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 45		
52+132.50	Tebicuary	25.00	11.80	0.20	1	0.00	59.00	59.00	Vano 46		
52+132.50	Tebicuary	25.40	11.80	0.20	1	0.00	59.94	59.94	Vano 47		
						0.00	2,814.89	2,814.89	m3		

4.3.15 Losa de Aproximación fck≥25 Mpa

Medición Parcial											
PROGRESIVAS		LARGO	ANCHO	ESPESOR	CANTIDAD	EJECUTADO			OBSERVACIÓN		
DE	A					ANTERIOR	PRESENTE	ACUMULADO			
1	2	3	4	5	6	7	8=9-7	9=3x4x5x6			
ESTRIBO LADO ALBERDI											
52+132.50	Tebicuary	11.00	5.00	0.30	1	0.00	16.50	16.50	Estribo 1		
ESTRIBO LADO PILAR											
52+132.50	Tebicuary	11.00	5.00	0.30	1	0.00	16.50	16.50	Estribo 2		
						0.00	33.00	33.00	m3		

4.3.17 Defensa New Jersey

Medición Parcial											
PROGRESIVAS		LARGO	SECCION	ALTURA	CANTIDAD	EJECUTADO			OBSERVACIÓN		
DE	A					ANTERIOR	PRESENTE	ACUMULADO			
1	2	3	4	5	6	7	8=9-7	9=3x6			
TRAMO											
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 1		
52+133.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 2		
52+133.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 3		
52+134.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 4		
52+135.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 5		
52+136.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 6		
52+137.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 7		
52+138.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 8		
52+139.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 9		
52+140.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 10		
52+141.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 11		
52+142.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 12		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 13		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 14		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 15		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 16		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 17		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 18		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 19		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 20		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 21		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 22		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 23		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 24		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 25		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 26		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 27		
52+133.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 28		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 29		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 30		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 31		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 32		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 33		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 34		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 35		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 36		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 37		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 38		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 39		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 40		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 41		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 42		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 43		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 44		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 45		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 46		
52+132.50	Tebicuary	25.00	0.27		2	0.00	50.00	50.00	Vano 47		
						0.00	2,350.00	2,350.00	ml		

4.3.19 Apoyos elastomericos

Medición Parcial											
PROGRESIVAS		LARGO	ANCHO	ALTURA	CANTIDAD	EJECUTADO			OBSERVACIÓN		
DE	A					ANTERIOR	PRESENTE	ACUMULADO			
1	2	3	4	5	6	7	8=9-7	9=6			
TRAMO											
52+132.50	Tebicuary				4	0.00	4.00	4.00	Estribo 1		
52+133.50	Tebicuary				8	0.00	8.00	8.00	Pila 1		
52+133.50	Tebicuary				8	0.00	8.00	8.00	Pila 2		
52+134.50	Tebicuary				8	0.00	8.00	8.00	Pila 3		
52+135.50	Tebicuary				8	0.00	8.00	8.00	Pila 4		
52+136.50	Tebicuary				8	0.00	8.00	8.00	Pila 5		
52+137.50	Tebicuary				8	0.00	8.00	8.00	Pila 6		
52+138.50	Tebicuary				8	0.00	8.00	8.00	Pila 7		
52+139.50	Tebicuary				8	0.00	8.00	8.00	Pila 8		
52+140.50	Tebicuary				8	0.00	8.00	8.00	Pila 9		
52+141.50	Tebicuary				8	0.00	8.00	8.00	Pila 10		
52+142.50	Tebicuary				8	0.00	8.00	8.00	Pila 11		
52+132.50	Tebicuary				8	0.00	8.00	8.00	Pila 12		
52+132.50	Tebicuary				8	0.00	8.00	8.00	Pila 13		
52+132.50	Tebicuary				8	0.00	8.00	8.00	Pila 14		
52+132.50	Tebicuary				8	0.00	8.00	8.00	Pila 15		
52+132.50	Tebicuary				8	0.00	8.00	8.00	Pila 16		
52+132.50	Tebicuary				8	0.00	8.00	8.00	Pila 17		
52+132.50	Tebicuary				8	0.00	8.00	8.00	Pila 18		

52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 19	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 20	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 21	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 22	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 23	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 24	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 25	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 26	
52+133.50	Tebicuary				8	0.00	8.00	8.00		Pila 27	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 28	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 29	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 30	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 31	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 32	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 33	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 34	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 35	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 36	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 37	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 38	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 39	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 40	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 41	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 42	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 43	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 44	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 45	
52+132.50	Tebicuary				8	0.00	8.00	8.00		Pila 46	
52+132.50	Tebicuary				4	0.00	4.00	4.00		Estribo 2	
						0.00	376.00	376.00	un		

4.3.20 Drenaje de Estribo

Medición Parcial

PROGRESIVAS		LARGO	ANCHO	ALTURA	CANTIDAD	EJECUTADO			OBSERVACIÓN
DE	A					ANTERIOR	PRESENTE	ACUMULADO	
1	2	3	4	5	6	7	8=9-7	9=3x4x5x6	
ESTRIBO LADO ALBERDI									
52+132.50	Tebicuary	11.00	1.20	0.90	1	0.00	11.88	11.88	Estribo 1
ESTRIBO LADO PILAR									
52+132.50	Tebicuary	11.00	1.20	0.90	1	0.00	11.88	11.88	Estribo 2
						0.00	23.76	23.76	m3

4.3.21 Drenaje de Tablero ø100 mm

Medición Parcial

PROGRESIVAS		LONGITUD	ANCHO	ALTURA	CANTIDAD	EJECUTADO			OBSERVACIÓN
DE	A					ANTERIOR	PRESENTE	ACUMULADO	
1	2	3	4	5	6	7	8=9-7	9=3x6	
TRAMO									
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Estribo Alberdi - Pila 1
52+133.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 1 - Pila 2
52+133.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 2 - Pila 3
52+134.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 3 - Pila 4
52+135.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 4 - Pila 5
52+136.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 5 - Pila 6
52+137.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 6 - Pila 7
52+138.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 7 - Pila 8
52+139.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 8 - Pila 9
52+140.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 9 - Pila 10
52+141.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 10 - Pila 11
52+142.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 11 - Pila 12
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 12 - Pila 13
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 13 - Pila 14
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 14 - Pila 15
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 15 - Pila 16
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 16 - Pila 17
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 17 - Pila 18
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 18 - Pila 19
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 19 - Pila 20
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 20 - Pila 21
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 21 - Pila 22
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 22 - Pila 23
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 23 - Pila 24
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 24 - Pila 25
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 25 - Pila 26
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 26 - Pila 27
52+133.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 27 - Pila 28
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 28 - Pila 29
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 29 - Pila 30
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 30 - Pila 31
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 31 - Pila 32
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 32 - Pila 33
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila33 - Pila 34
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 34 - Pila 35
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 35 - Pila 36
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 36 - Pila 37
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 37 - Pila 38
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 38 - Pila 39
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 39 - Pila 40
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 40 - Pila 41
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 41 - Pila 42
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00	Pila 42 - Pila 43

52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00		Pila 43 - Pila 44	
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00		Pila 44 - Pila 45	
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00		Pila 45 - Pila 46	
52+132.50	Tebicuary	0.50			26	0.00	13.00	13.00		Pila 46 - Estribo Pilar	
						0.00	611.00	611.00	ml		

4.3.22 Junta de Dilatación

Medición Parcial

PROGRESIVAS DE	PROGRESIVAS A	LONGITUD	ANCHO	ALTURA	CANTIDAD	EJECUTADO ANTERIOR	EJECUTADO PRESENTE	EJECUTADO ACUMULADO	OBSERVACIÓN		
1	2	3	4	5	6	7	8=9-7	9=3x4x5x6			
ESTRIBO ALBERDI											
52+132.50	Tebicuary	11.00			1	0.00	11.00	11.00	Estribo 1		
PILAS											
52+135.50	Tebicuary	11.00			1	0.00	11.00	11.00	Pila 5		
52+138.50	Tebicuary	11.00			1	0.00	11.00	11.00	Pila 10		
52+141.50	Tebicuary	11.00			1	0.00	11.00	11.00	Pila 15		
52+132.50	Tebicuary	11.00			1	0.00	11.00	11.00	Pila 21		
52+132.50	Tebicuary	11.50			1	0.00	11.50	11.50	Pila 26		
52+132.50	Tebicuary	11.50			1	0.00	11.50	11.50	Pila 32		
52+132.50	Tebicuary	11.50			1	0.00	11.50	11.50	Pila 37		
52+132.50	Tebicuary	11.00			1	0.00	11.00	11.00	Pila 42		
ESTRIBO PILAR											
52+132.50	Tebicuary	11.00			1	0.00	11.00	11.00	Estribo 2		
						0.00	111.50	111.50	ml		

4.3.24 Provisión y Colocación de Geotextil 150gr/m2

Medición Parcial

PROGRESIVAS DE	PROGRESIVAS A	LARGO	ANCHO	ALTURA	CANTIDAD	EJECUTADO ANTERIOR	EJECUTADO PRESENTE	EJECUTADO ACUMULADO	OBSERVACIÓN		
1	2	3	4	5	6	7	8=9-7	9=3x4x5x6			
ESTRIBO ALBERDI											
52+132.50	Tebicuary	40.00	8.00		3	0.00	844.80	844.80	Colchoneta		
52+132.50	Tebicuary	40.00	5.00		3	0.00	528.00	528.00	Colchoneta		
52+132.50	Tebicuary	60.00	4.00		3	0.00	633.60	633.60	Colchoneta		
52+132.50	Tebicuary	40.00	1.50	3.00	5	0.00	828.00	828.00	Gaviones		
52+132.50	Tebicuary	40.00	1.50	2.00	5	0.00	552.00	552.00	Gaviones		
52+132.50	Tebicuary	60.00	1.50	1.50	5	0.00	621.00	621.00	Gaviones		
ESTRIBO PILAR											
52+132.50	Tebicuary	40.00	8.00		3	0.00	844.80	844.80	Colchoneta		
52+132.50	Tebicuary	40.00	5.00		3	0.00	528.00	528.00	Colchoneta		
52+132.50	Tebicuary	60.00	4.00		3	0.00	633.60	633.60	Colchoneta		
52+132.50	Tebicuary	40.00	1.50	5.00	5	0.00	1,380.00	1,380.00	Gaviones		
52+132.50	Tebicuary	40.00	1.50	3.00	5	0.00	828.00	828.00	Gaviones		
52+132.50	Tebicuary	60.00	1.50	2.00	5	0.00	828.00	828.00	Gaviones		
						0.00	9,049.80	9,049.80	m2		

4.3.25 Colchonetas de pedra embolsada esp=0,23 m

Medición Parcial

PROGRESIVAS DE	PROGRESIVAS A	LARGO	ANCHO	ALTURA	CANTIDAD	EJECUTADO ANTERIOR	EJECUTADO PRESENTE	EJECUTADO ACUMULADO	OBSERVACIÓN		
1	2	3	4	5	6	7	8=9-7	9=3x4x6			
ESTRIBO ALBERDI											
52+132.50	Tebicuary	40.00	8.00		2	0.00	640.00	640.00			
52+132.50	Tebicuary	40.00	5.00		2	0.00	400.00	400.00			
52+132.50	Tebicuary	60.00	4.00		2	0.00	480.00	480.00			
ESTRIBO PILAR											
52+132.50	Tebicuary	40.00	8.00		2	0.00	640.00	640.00			
52+132.50	Tebicuary	40.00	5.00		2	0.00	400.00	400.00			
52+132.50	Tebicuary	60.00	4.00		2	0.00	480.00	480.00			
						0.00	3,040.00	3,040.00	m2		

4.3.26 Gaviones de piedra embolsada

Medición Parcial

PROGRESIVAS DE	PROGRESIVAS A	LARGO	ANCHO	ALTURA	CANTIDAD	EJECUTADO ANTERIOR	EJECUTADO PRESENTE	EJECUTADO ACUMULADO	OBSERVACIÓN		
1	2	3	4	5	6	7	8=9-7	9=3x4x5x6			
ESTRIBO ALBERDI											
52+132.50	Tebicuary	40.00	1.50	3.00	2	0.00	360.00	360.00			
52+132.50	Tebicuary	40.00	1.50	2.00	2	0.00	240.00	240.00			
52+132.50	Tebicuary	60.00	1.50	1.50	2	0.00	270.00	270.00			
ESTRIBO PILAR											
52+132.50	Tebicuary	40.00	1.50	5.00	2	0.00	600.00	600.00			
52+132.50	Tebicuary	40.00	1.50	3.00	2	0.00	360.00	360.00			
52+132.50	Tebicuary	60.00	1.50	2.00	2	0.00	360.00	360.00			
						0.00	2,190.00	2,190.00	m3		

4.3.27 Estudios Geotecnicos

Medición Parcial

PROGRESIVAS DE	PROGRESIVAS A	LARGO	ANCHO	ALTURA	CANTIDAD	EJECUTADO ANTERIOR	EJECUTADO PRESENTE	EJECUTADO ACUMULADO	OBSERVACIÓN
1	2	3	4	5	6	7	8=9-7	9=6	10
ESTRIBO LADO ALBERDI									
52+132.50	Tebicuary				2	0.00	2.00	2.00	Estribo
PILAS									
52+132.50	Tebicuary				2	0.00	2.00	2.00	Pila 1
52+133.50	Tebicuary				2	0.00	2.00	2.00	Pila 2
52+134.50	Tebicuary				2	0.00	2.00	2.00	Pila 3
52+135.50	Tebicuary				2	0.00	2.00	2.00	Pila 4
52+136.50	Tebicuary				2	0.00	2.00	2.00	Pila 5
52+137.50	Tebicuary				2	0.00	2.00	2.00	Pila 6

52+138.50	Tebicuary				2	0.00	2.00	2.00		Pila 7	
52+139.50	Tebicuary				2	0.00	2.00	2.00		Pila 8	
52+140.50	Tebicuary				2	0.00	2.00	2.00		Pila 9	
52+141.50	Tebicuary				2	0.00	2.00	2.00		Pila 10	
52+142.50	Tebicuary				2	0.00	2.00	2.00		Pila 11	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 12	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 13	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 14	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 15	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 16	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 17	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 18	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 19	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 20	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 21	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 22	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 23	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 24	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 25	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 26	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 27	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 28	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 29	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 30	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 31	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 32	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 33	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 34	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 35	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 36	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 37	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 38	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 39	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 40	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 41	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 42	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 43	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 44	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 45	
52+132.50	Tebicuary				2	0.00	2.00	2.00		Pila 46	
ESTRIBO LADO PILAR											
52+132.50	Tebicuary				2	0.00	2.00	2.00		Estribo	
						0.00	96.00	96.00	un		

4.3.28	Investigación de pilotes por metodos No Destructivos (Sonico)								
					Medición Parcial				
PROGRESIVAS		LARGO	ANCHO	ALTURA	CANTIDAD	EJECUTADO			OBSERVACIÓN
DE	A					ANTERIOR	PRESENTE	ACUMULADO	
1	2	3	4	5	6	7	8=9-7	9=6	10
ESTRIBO LADO ALBERDI									
52+132.50	Tebicuary				2	0.00	2.00	2.00	Estribo
PILAS									
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 1
52+133.50	Tebicuary				4	0.00	4.00	4.00	Pila 2
52+134.50	Tebicuary				4	0.00	4.00	4.00	Pila 3
52+135.50	Tebicuary				4	0.00	4.00	4.00	Pila 4
52+136.50	Tebicuary				4	0.00	4.00	4.00	Pila 5
52+137.50	Tebicuary				4	0.00	4.00	4.00	Pila 6
52+138.50	Tebicuary				4	0.00	4.00	4.00	Pila 7
52+139.50	Tebicuary				4	0.00	4.00	4.00	Pila 8
52+140.50	Tebicuary				4	0.00	4.00	4.00	Pila 9
52+141.50	Tebicuary				4	0.00	4.00	4.00	Pila 10
52+142.50	Tebicuary				4	0.00	4.00	4.00	Pila 11
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 12
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 13
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 14
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 15
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 16
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 17
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 18
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 19
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 20
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 21
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 22
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 23
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 24
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 25
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 26
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 27
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 28
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 29
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 30
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 31
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 32
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 33
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 34
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 35
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 36
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 37
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 38
52+132.50	Tebicuary				4	0.00	4.00	4.00	Pila 39

52+132.50	Tebicuary				4	0.00	4.00	4.00		Pila 40	
52+132.50	Tebicuary				4	0.00	4.00	4.00		Pila 41	
52+132.50	Tebicuary				4	0.00	4.00	4.00		Pila 42	
52+132.50	Tebicuary				4	0.00	4.00	4.00		Pila 43	
52+132.50	Tebicuary				4	0.00	4.00	4.00		Pila 44	
52+132.50	Tebicuary				4	0.00	4.00	4.00		Pila 45	
52+132.50	Tebicuary				4	0.00	4.00	4.00		Pila 46	
ESTRIBO LADO PILAR											
52+132.50	Tebicuary				2	0.00	2.00	2.00		Estribo	
						0.00	188.00	188.00	un		

4.3.29.1 Evaluación de Vigas Pret por Met No Destructivos (Pulso Eco o UltraSonido)

Medición Parcial

PROGRESIVAS		LARGO	ANCHO	ALTURA	CANTIDAD	EJECUTADO			OBSERVACIÓN
DE	A					ANTERIOR	PRESENTE	ACUMULADO	
1	2	3	4	5	6	7	8=9-7	9=6	
TRAMO									
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Estribo Alberdi - Pila 1
52+133.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 1 - Pila 2
52+133.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 2 - Pila 3
52+134.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 3 - Pila 4
52+135.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 4 - Pila 5
52+136.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 5 - Pila 6
52+137.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 6 - Pila 7
52+138.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 7 - Pila 8
52+139.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 8 - Pila 9
52+140.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 9 - Pila 10
52+141.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 10 - Pila 11
52+142.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 11 - Pila 12
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 12 - Pila 13
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 13 - Pila 14
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 14 - Pila 15
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 15 - Pila 16
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 16 - Pila 17
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 17 - Pila 18
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 18 - Pila 19
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 19 - Pila 20
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 20 - Pila 21
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 21 - Pila 22
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 22 - Pila 23
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 23 - Pila 24
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 24 - Pila 25
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 25 - Pila 26
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 26 - Pila 27
52+133.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 27 - Pila 28
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 28 - Pila 29
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 29 - Pila 30
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 30 - Pila 31
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 31 - Pila 32
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 32 - Pila 33
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila33 - Pila 34
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 34 - Pila 35
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 35 - Pila 36
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 36 - Pila 37
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 37 - Pila 38
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 38 - Pila 39
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 39 - Pila 40
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 40 - Pila 41
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 41 - Pila 42
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 42 - Pila 43
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 43 - Pila 44
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 44 - Pila 45
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 45 - Pila 46
52+132.50	Tebicuary	0.00	0.00	0.00	4	0.00	4.00	4.00	Pila 46 - Estribo Pilar
						0.00	188.00	188.00	un

4.3.29.2 Evaluación de Vigas Pret por Met No Destructivos de Carga Dinamica

Medición Parcial

PROGRESIVAS		LARGO	ANCHO	ALTURA	CANTIDAD	EJECUTADO			OBSERVACIÓN
DE	A					ANTERIOR	PRESENTE	ACUMULADO	
1	2	3	4	5	6	7	8=9-7	9=6	
TRAMO									
52+132.50	Tebicuary				1	0.00	1.00	1.00	Estribo Alberdi - Pila 1
52+133.50	Tebicuary				1	0.00	1.00	1.00	Pila 1 - Pila 2
52+133.50	Tebicuary				1	0.00	1.00	1.00	Pila 2 - Pila 3
52+134.50	Tebicuary				1	0.00	1.00	1.00	Pila 3 - Pila 4
52+135.50	Tebicuary				1	0.00	1.00	1.00	Pila 4 - Pila 5
52+136.50	Tebicuary				1	0.00	1.00	1.00	Pila 5 - Pila 6
52+137.50	Tebicuary				1	0.00	1.00	1.00	Pila 6 - Pila 7
52+138.50	Tebicuary				1	0.00	1.00	1.00	Pila 7 - Pila 8
52+139.50	Tebicuary				1	0.00	1.00	1.00	Pila 8 - Pila 9
52+140.50	Tebicuary				1	0.00	1.00	1.00	Pila 9 - Pila 10
52+141.50	Tebicuary				1	0.00	1.00	1.00	Pila 10 - Pila 11
52+142.50	Tebicuary				1	0.00	1.00	1.00	Pila 11 - Pila 12
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 12 - Pila 13
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 13 - Pila 14
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 14 - Pila 15
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 15 - Pila 16
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 16 - Pila 17
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 17 - Pila 18
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 18 - Pila 19

52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 19 - Pila 20	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 20 - Pila 21	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 21 - Pila 22	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 22 - Pila 23	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 23 - Pila 24	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 24 - Pila 25	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 25 - Pila 26	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 26 - Pila 27	
52+133.50	Tebicuary				1	0.00	1.00	1.00		Pila 27 - Pila 28	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 28 - Pila 29	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 29 - Pila 30	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 30 - Pila 31	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 31 - Pila 32	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 32 - Pila 33	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila33 - Pila 34	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 34 - Pila 35	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 35 - Pila 36	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 36 - Pila 37	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 37 - Pila 38	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 38 - Pila 39	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 39 - Pila 40	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 40 - Pila 41	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 41 - Pila 42	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 42 - Pila 43	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 43 - Pila 44	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 44 - Pila 45	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 45 - Pila 46	
52+132.50	Tebicuary				1	0.00	1.00	1.00		Pila 46 - Estribo Pilar	
						0.00	47.00	47.00	un		

4.3.30 Ensayo de Capacidad de Carga en Pilotes por Metodos Dinamicos

Medición Parcial

PROGRESIVAS		LARGO	ANCHO	ALTURA	CANTIDAD	EJECUTADO			OBSERVACIÓN
DE	A					ANTERIOR	PRESENTE	ACUMULADO	
1	2	3	4	5	6	7	8=9-7	9=6	10
PILAS									
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 1
52+133.50	Tebicuary				1	0.00	1.00	1.00	Pila 2
52+134.50	Tebicuary				1	0.00	1.00	1.00	Pila 3
52+135.50	Tebicuary				1	0.00	1.00	1.00	Pila 4
52+136.50	Tebicuary				1	0.00	1.00	1.00	Pila 5
52+137.50	Tebicuary				1	0.00	1.00	1.00	Pila 6
52+138.50	Tebicuary				1	0.00	1.00	1.00	Pila 7
52+139.50	Tebicuary				1	0.00	1.00	1.00	Pila 8
52+140.50	Tebicuary				1	0.00	1.00	1.00	Pila 9
52+141.50	Tebicuary				1	0.00	1.00	1.00	Pila 10
52+142.50	Tebicuary				1	0.00	1.00	1.00	Pila 11
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 12
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 13
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 14
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 15
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 16
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 17
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 18
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 19
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 20
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 21
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 22
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 23
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 24
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 25
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 26
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 27
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 28
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 29
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 30
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 31
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 32
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 33
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 34
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 35
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 36
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 37
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 38
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 39
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 40
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 41
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 42
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 43
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 44
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 45
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 46
ESTRIBO LADO PILAR									
52+132.50	Tebicuary				1	0.00	1.00	1.00	Estribo
						0.00	47.00	47.00	un

4.3.31 Prueba de Recepcion de Puentes

Medición Parcial									
PROGRESIVAS		LARGO	ANCHO	ALTURA	CANTIDAD	EJECUTADO			OBSERVACIÓN
DE	A					ANTERIOR	PRESENTE	ACUMULADO	
1	2	3	4	5	6	7	8=9-7	9=6	
TRAMO									
52+132.50	Tebicuary				1	0.00	1.00	1.00	Estribo Alberdi - Pila 1
52+133.50	Tebicuary				1	0.00	1.00	1.00	Pila 1 - Pila 2
52+133.50	Tebicuary				1	0.00	1.00	1.00	Pila 2 - Pila 3
52+134.50	Tebicuary				1	0.00	1.00	1.00	Pila 3 - Pila 4
52+135.50	Tebicuary				1	0.00	1.00	1.00	Pila 4 - Pila 5
52+136.50	Tebicuary				1	0.00	1.00	1.00	Pila 5 - Pila 6
52+137.50	Tebicuary				1	0.00	1.00	1.00	Pila 6 - Pila 7
52+138.50	Tebicuary				1	0.00	1.00	1.00	Pila 7 - Pila 8
52+139.50	Tebicuary				1	0.00	1.00	1.00	Pila 8 - Pila 9
52+140.50	Tebicuary				1	0.00	1.00	1.00	Pila 9 - Pila 10
52+141.50	Tebicuary				1	0.00	1.00	1.00	Pila 10 - Pila 11
52+142.50	Tebicuary				1	0.00	1.00	1.00	Pila 11 - Pila 12
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 12 - Pila 13
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 13 - Pila 14
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 14 - Pila 15
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 15 - Pila 16
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 16 - Pila 17
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 17 - Pila 18
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 18 - Pila 19
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 19 - Pila 20
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 20 - Pila 21
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 21 - Pila 22
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 22 - Pila 23
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 23 - Pila 24
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 24 - Pila 25
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 25 - Pila 26
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 26 - Pila 27
52+133.50	Tebicuary				1	0.00	1.00	1.00	Pila 27 - Pila 28
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 28 - Pila 29
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 29 - Pila 30
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 30 - Pila 31
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 31 - Pila 32
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 32 - Pila 33
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila33 - Pila 34
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 34 - Pila 35
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 35 - Pila 36
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 36 - Pila 37
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 37 - Pila 38
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 38 - Pila 39
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 39 - Pila 40
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 40 - Pila 41
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 41 - Pila 42
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 42 - Pila 43
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 43 - Pila 44
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 44 - Pila 45
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 45 - Pila 46
52+132.50	Tebicuary				1	0.00	1.00	1.00	Pila 46 - Estribo Pilar
						0.00	47.00	47.00	un

4.3.6 Cabezales fck ≥ 25 Mpa

Medición Parcial									
PROGRESIVAS		LARGO	ANCHO	ALTURA	CANTIDAD	EJECUTADO			OBSERVACIÓN
DE	A					ANTERIOR	PRESENTE	ACUMULADO	
1	2	3	4	5	6	7	8=9-7	9=3x4x5x6	
ESTRIBO LADO ALBERDI									
52+132.50	Tebicuary	12.50	5.00	1.20	1	0.00	75.00	75.00	Estribo 1
PILAS									
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20	Pila 1
52+133.50	Tebicuary	6.00	1.80	1.20	2	0.00	25.92	25.92	Pila 2
52+134.50	Tebicuary	6.00	1.80	1.20	2	0.00	25.92	25.92	Pila 3
52+135.50	Tebicuary	6.00	1.80	1.20	2	0.00	25.92	25.92	Pila 4
52+136.50	Tebicuary	6.00	1.80	1.20	2	0.00	25.92	25.92	Pila 5
52+137.50	Tebicuary	6.00	1.80	1.20	2	0.00	25.92	25.92	Pila 6
52+138.50	Tebicuary	6.00	1.80	1.20	2	0.00	25.92	25.92	Pila 7
52+139.50	Tebicuary	6.00	1.80	1.20	2	0.00	25.92	25.92	Pila 8
52+140.50	Tebicuary	6.00	1.80	1.20	2	0.00	25.92	25.92	Pila 9
52+141.50	Tebicuary	6.00	1.80	1.20	2	0.00	25.92	25.92	Pila 10
52+142.50	Tebicuary	6.00	1.80	1.20	2	0.00	25.92	25.92	Pila 11
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20	Pila 12
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20	Pila 13
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20	Pila 14
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20	Pila 15
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20	Pila 16
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20	Pila 17
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20	Pila 18
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20	Pila 19
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20	Pila 20
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20	Pila 21
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20	Pila 22
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20	Pila 23
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20	Pila 24
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20	Pila 25
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20	Pila 26
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20	Pila 27
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20	Pila 28

52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20		Pila 29	
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20		Pila 30	
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20		Pila 31	
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20		Pila 32	
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20		Pila 33	
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20		Pila 34	
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20		Pila 35	
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20		Pila 36	
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20		Pila 37	
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20		Pila 38	
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20		Pila 39	
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20		Pila 40	
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20		Pila 41	
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20		Pila 42	
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20		Pila 43	
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20		Pila 44	
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20		Pila 45	
52+132.50	Tebicuary	5.00	1.60	1.20	2	0.00	19.20	19.20		Pila 46	
ESTRIBO LADO PILAR											
52+132.50	Tebicuary	12.50	5.00	1.20	1	0.00	75.00	75.00		Estribo 2	
						0.00	1,100.40	1,100.40	m3		