TRAMO: Bella Vista Norte – Pastoril – Curusu Eva -

CRONOGRAMA DE A

ITEM	DESCRIPCION	UNIDAD	INCID %	INICIO abr-20	MES 1 may-20	MES 2 jun-20	MES 3 jul-20	MES 4 ago-20	MES 5 sept-20	MES 6 oct-20	MES 7 nov-20	MES 8 dic-20	MES 9 ene-21	MES 10 feb-21
1	**COMPONENTE MOVIMIENTO DE SUELO**													
1.1	Desbosque, Desbroce y Despeje	ha	0.73%				7.06%	6.00%	17.78%	8.10%			10.92%	11.27%
1.2	Excavación no Clasificada	m3	0.53%				3.72%	0.88%	11.92%	15.01%				
1.3	Excavación de Bolsones	m3	0.44%				6.97%		3.47%				25.00%	
1.4	Excavación de Zanjas de Drenaje	m3	0.48%				13.39%						11.90%	
1.5	Terraplenes	m3	23.49%				1.85%	1.41%	0.96%	9.90%	5.72%	1.18%	1.53%	8.22%
2	**REMOCIONES Y TRASLADOS**													
2.1	Remoción de Obras de Arte	gl	0.08%					25.00%	5.00%	30.00%				10.00%
2.2	Traslado de Alambrados	m	0.51%				2.10%		7.45%	13.58%				1.05%
2.3	Traslado de Cañerias de Agua	m	0.21%					15.43%	25.00%				9.00%	
2.4	Traslado de Columnas electricas	un	0.16%						20.00%					
3	**COMPONENTE VIAL**													
3.1	Sub-Base de Suelo Cemento RC≥ 15kg/cm2	m3	15,52%							3.18%	8.50%	1.43%	0.51%	2.49%
3.2	Base Piedra Triturada 90/10 (CBR 100%)	m3	26.43%									7.59%		3.85%
3.3	Imprimación Asfáltica	m2	5.60%											1.08%
3.4	Tratamiento superficial triple en calzada	m2	0.00%											
3.5	Banquina de Suelo	m3	0.00%											
3.6	Dren de Banquina	ml	0.00%											
3.7	Carpeta de concreto asfáltico e = 4cm en calzada-banquina	m3	28.05%											
3.8	Riego de liga	m2	2.37%											
3.9	Junta de dilatacion de Puente Arroyo Apami	ml	0.15%											
4	**COMPONENTE OBRAS DE DRENAJE**													
4.1	Relleno Granular	m3	0.00%						3.20%					
4.2	ATHºAº 1 Ø 1,00 m	ml	1.39%				4.16%	3.30%	9.01%	20.00%	4.96%	14.80%		
4.3	ATHºAº 2 Ø 1,00 m	ml	0.15%					37.51%	54.80%					
4.4	ATHºAº 1 Ø 1,20 m	ml	0.08%						83.32%					
4.5	ATHºAº 2 Ø 1,20 m	ml	0.13%					83.33%					2.38%	
4.6	ACHºAº 1x1,0x1,0m	ml	0.63%				15.80%	7.84%			5.88%	3.92%	9.80%	
4.7	ACHºAº 2x1,0x1,0m	ml	0.38%					10.00%	18.01%		10.59%	13.78%		
4.8	ACHºAº 1x1,5x1,5m	ml	0.12%											
4.9	ACHºAº 2x1,5x1,5m	ml	0.79%				14.29%	8.57%	7.14%	5.71%				
4.10	ACHºAº 4 x 1,50x1,50 m	ml	0.34%							84.21%				
4.11	ACHºAº 3x2,0x2,0m	ml	0.35%											
4.12	ACHºAº 5 x 2,50x2,50 m	ml	0.76%							10.40%		23.53%		
4.13	ACHºAº 3 x 3,00x3,00m	ml	0.52%											
4.14	Cunetas Revestidas de Hormigon	m3	1.60%											
4.15	Disipadores de Energia	m3	0.07%											
4.16	Cordon cuneta	ml	0.17%											
4.17	Paso de ganado	gl	0.31%											
5	**COMPONENTE OBRAS COMPLEMENTARIAS**													
5.1	Señalización Vertical	m2	0.24%											
5.2	Señalización horizontal	m2	0.72%											
5.3	Defensas Metálicas	m	0.05%											
5.4	Cobertura de Cesped	m2	1.09%											
5.5	Protección de Áreas de Prèstamos	m	0.13%											
5.6	Tachas Retroreflectivas	Un	0.52%											
5.7	Tachones Retroreflectivas	Un	0.01%											
5.8	Medidas de protección ambiental directa (ETAG´S) 0,8%	Gl	0.80%				6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%
5.9	Instalaciones y Servicios Especializados	Gl	0.89%		5.56%	5.56%	5.56%	5.56%	5.56%	5.56%	5.56%	5.56%	5.56%	5.56%
6	**COMPONENTE MOVILIZACION**													
6.1	Movilización y Desmovilización	Gl	2.97%		11.20%	15.20%	15.50%	15.60%	22.60%					
	TOTALES		**119.99%**											
PORCENTAJES MENSUALES DE AVANCE				**0.00%**	**0.98%**	**0.50%**	**1.46%**	**1.52%**	**1.83%**	**4.39%**	**2.02%**	**1.60%**	**0.91%**	**3.81%**
PORCENTAJES MENSUALES DE AVANCE ACUMULADOS				**0.00%**	**0.98%**	**1.48%**	**2.94%**	**4.46%**	**6.29%**	**10.68%**	**12.70%**	**14.30%**	**15.21%**	**19.02%**

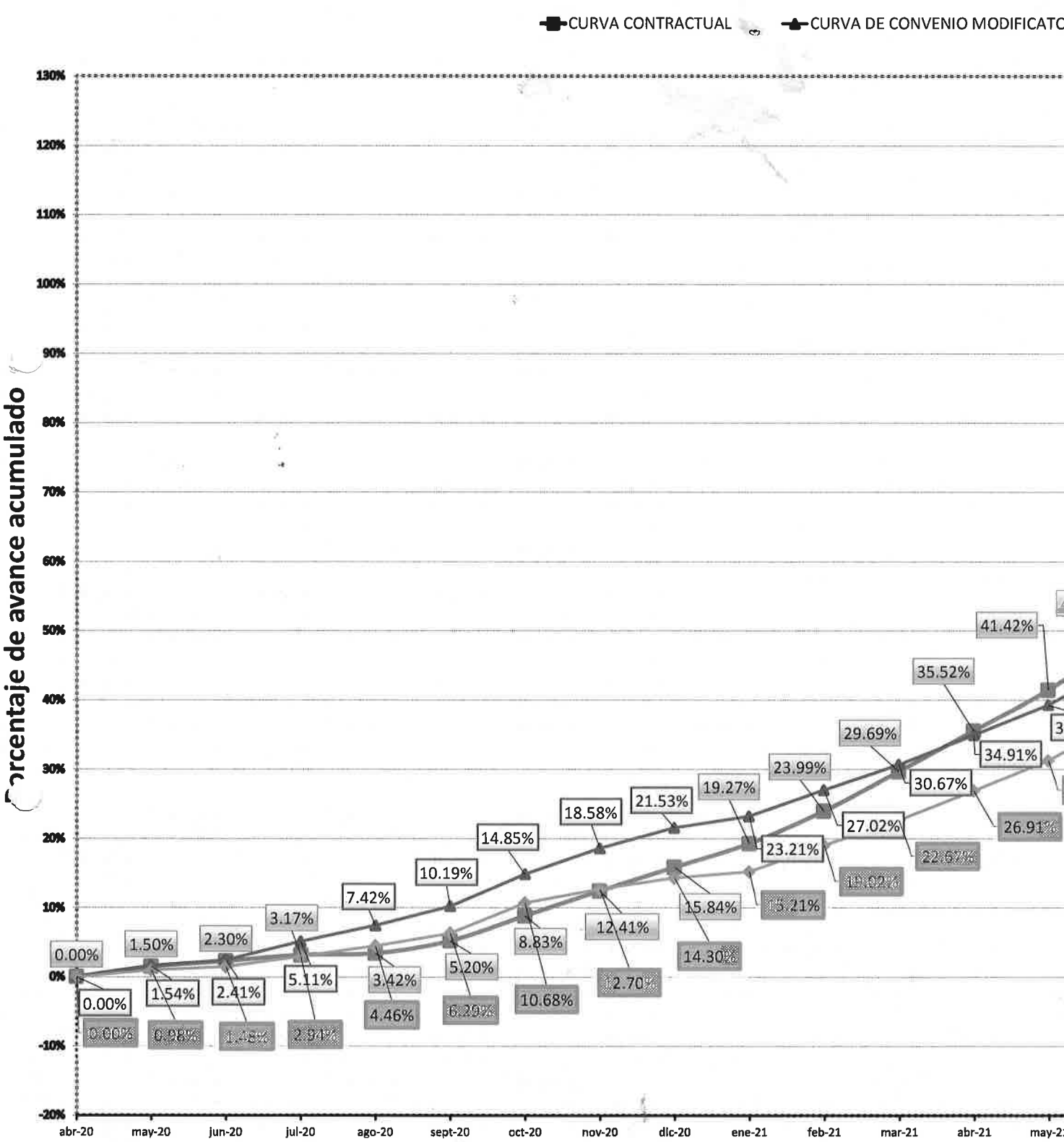
sifio, Departamento de Amambay/Concepción- LOTE Nº1

ISICO-FINANCIERO-C.M.Nº3

MESES																
MES 12	MES 13	MES 14	MES 15	MES 16	MES 17	MES 18	MES 19	MES 20	MES 21	MES 22	MES 23	MES 24	MES 25	MES 26	MES 27	MES 28
abr-21	may-21	jun-21	jul-21	ago-21	sept-21	oct-21	nov-21	dic-21	ene-22	feb-22	mar-22	abr-22	may-22	jun-22	jul-22	30/8/2022
16.53%							5.82%									
14.62%	14.62%	12.20%														
22.35%	12.35%															
33.58%									791.52%							
3.52%	3.52%	3.52%	3.52%	3.52%	4.95%	9.29%	11.34%									
5.00%	5.00%	5.00%	5.00%	5.00%												
6.00%	6.00%	6.00%				25.85%										
			2.01%	2.01%	2.01%	5.01%										
			8.22%	8.22%	8.22%	8.22%	0.55%									
10.00%	10.60%	10.00%	20.00%	5.00%	20.00%	11.40%		10.00%	0.50%	16.00%	9.04%					
5.00%	5.00%	10.00%	6.57%	2.80%	12.10%	12.60%	17.00%	18.00%	0.50%	0.50%	14.00%	10.05%				
5.00%	5.00%	10.00%	6.57%	2.80%	12.00%	12.60%	15.60%	20.25%	0.80%	0.50%	10.00%	10.00%	13.50%			
												14.80%	36.00%	45.00%	3.20%	1.00%
												14.80%	35.80%	46.70%	1.40%	1.30%
															80.00%	70.00%
10.00%	9.50%	10.50%	4.50%						6.27%	5.00%	6.00%	6.50%	1.52%			
13.00%	15.00%	11.80%				3.00%	9.50%									
9.60%			9.07%													
6.51%	6.51%	6.51%	8.77%	9.77%	9.77%	16.28%										
	20.00%	20.00%	15.00%	9.29%					13.00%	23.00%	2.00%					
	10.00%	10.00%	15.00%	8.00%	20.00%	20.00%	11.00%									
1.00%	1.00%	6.00%	15.00%		19.60%	15.00%	3.52%									
		30.00%	30.00%		8.00%	6.29%										
	10.00%	15.00%	15.00%		23.00%	30.00%	31.68%									
40.01%	50.00%	16.00%							66.08%	66.08%	198.25%					
										33.33%	33.33%	33.33%				
										32.00%	45.90%	43.00%				
															68.18%	68.18%
															51.33%	51.33%
															50.00%	50.00%
													35.20%	45.00%	35.00%	39.55%
															15.19%	15.19%
															51.74%	77.61%
6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%										99.01%
5.56%	5.56%	5.56%	5.56%	5.56%	5.56%	5.56%										
4.24%	4.35%	5.80%	5.95%	2.57%	7.61%	8.49%	8.30%	5.44%	0.78%	2.25%	4.77%	7.35%	11.83%	14.10%	2.04%	1.45%
26.91%	31.26%	37.06%	43.01%	45.58%	53.19%	61.68%	69.98%	75.42%	76.20%	78.45%	83.22%	90.57%	102.40%	116.50%	118.54%	119.99%

ING. NELSON PIZZANI
SUPERVISION DE OBRA
M.O.P.C.

C.I.V.S.A.
Ing. Isacio E. Vallejos A.
Representante Legal


CURVA CONTRACTUAL
CURVA DE CONVENIO MODIFICATO
Porcentaje de avance acumulado
130%
120%
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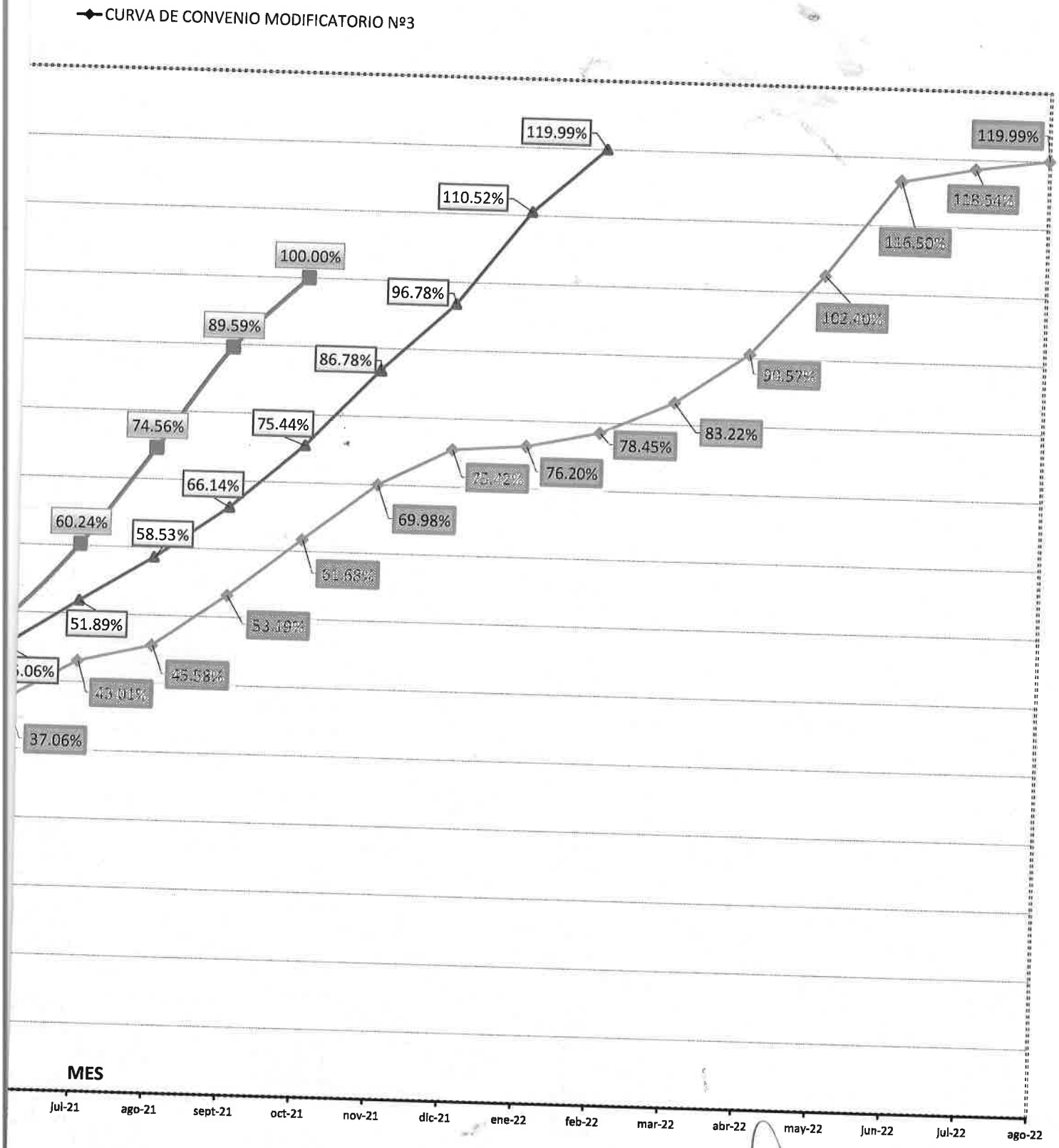

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