

**PREMISAS EVALUACIÓN ECONÓMICA PROYECTO "ESCALÓN OCCIDENTAL"**

INVERSIONES	
Construcción Obra	\$219,941,747.57
Fiscalización	\$6,598,252.43
<b>SUBTOTAL (MÁS IVA)</b>	<b>\$226,540,000.00</b>

En concordancia con la Ley Reformativa a la Ley de Régimen Tributario Interno (Suplemento al Registro Oficial N° 486 de 2 de julio de 2021), cuando el agente de retención sea una Empresa Pública, retendrá el 100% del IVA, los valores retenidos permanecerán en sus cuentas correspondientes y no se depositará en la cuenta del SRI.

Tipo Impositivo (A partir de abril 2024)

IVA Construcción	5%
IVA Normal	15%

Tráfico 2025	96,976
% de evasión	11.0000%

TPDA	AGR	PUENTE - TUNEL
Año 1	86,309	0
Año 4	95,382	37,523
Tasa de crecimiento TPDA Promedio	2.85%	2.78%
% de Tráfico de la AGR al Puente-Tunel		40.00%

Inicio Construcción  
Inicio O&M Nueva Obra

INGRESOS	AGR	PUENTE - TUNEL
Tarifa c/iva X eje	\$0.39	
Tarifa c/iva X eje ajustada	\$0.60	\$0.40
Año nueva tarifa (inicio de año)	4	
Incremento de tarifa	\$0.05	\$0.05
Periodicidad del incremento (años)	4	

SE INCLUYE?

SI

Categoría	E/P AGR - ACTUAL		E/P PUENTE - PROYECTO
	Actual	Nueva	Nueva
Livianos	\$0.39	\$0.60	\$0.40
Buses (3,34% TPDA)	\$0.54	\$0.54	\$0.54
Cam 2 ejes	\$0.54	\$1.20	
Cam 3 ejes	\$0.89	\$1.80	
Cam 4 ejes	\$1.00	\$2.40	
Cam 5 ejes	\$1.10	\$3.00	
Cam 6 ejes	\$1.20	\$3.60	

Deuda CAF (capital restante)	\$17,827,969.83
------------------------------	-----------------

ESTRUCTURA DE FINANCIAMIENTO	
Recursos Propios	40%
Deuda	60%
Plazo en años:	15
Gracia en años:	5
Tasa:	11.02%
Comisión (flat)	1.50%

\$92,375,533.98  
\$138,563,300.97

TIR FLUJO DE CAJA LIBRE	14.00%
TIR FLUJO EVALUACIÓN FINANCIERA	15.17%

WACC 13.76%

AVANCE DE OBRA	%	USD	Avance Fiscalización
Avance 1° año	30.00%	\$65,982,524.27	\$1,979,475.73
Avance 2° año	35.00%	\$76,979,611.65	\$2,309,388.35
Avance 3° año	35.00%	\$76,979,611.65	\$2,309,388.35
Plazo construcción (estimado)	36 meses	\$219,941,747.57	\$6,598,252.43

GASTOS DE ADMINISTRACIÓN Y OPERACIÓN	
Administración y Operación E/P Equipos y Sist. Peaje	\$ 720,000.00
Reajuste anual (supuesto)	3.74%
Honorario de estructuración y levantamiento de pliegos:	\$0.00
Administración y Operación E/P (incluyendo E&SP)	6.00%
Fiscalización HEQ Construcción	3.00%
Administración HEQ O&M	2.00%

6% del ingreso (años constr)

Var. IPC Dic 2022

De la recaudación de los peajes

Del monto de la construcción

De la recaudación de los peajes

SE INCLUYE?

SI

Tasa reajuste precios (supuesto)

Mant. Rutinario_Pte - Tunel-inter	\$400,000.00	1.00%
Mant. Periodico_Pte - Tunel-inter	\$2,500,000.00	2.00%

## FLUJO DE CAJA - PROYECTO "ESCALÓN OCCIDENTAL"

TASA REAJUSTE DE PRECIOS MANTENIMIENTOS (SUPUESTO)	
Manten. Rutinario	1.00%
Manten. Periódico	2.00%
Incluye IVA	SI

CONCEPTO	PREMISAS	RESUMEN TOTALES	ETAPA DE INTERVENCIÓN			ETAPA DE EXPLOTACIÓN Y MA						
			Año 1	Año 2	Año 3	Año 4	Año 5	Año 6	Año 7	Año 8	Año 9	
<b>INGRESOS OPERACIONALES</b>												
E/P AGR - ACTUAL (ETAPA DE INTERVENCIÓN - APORTE PÚBLICO)		\$38,973,680.07	\$12,556,554.07	\$12,988,442.19	\$13,428,683.81							
E/P AGR - ACTUAL (ETAPA DE EXPLOTACIÓN Y MANTENIMIENTO)		\$1,138,504,636.05				\$21,276,413.11	\$23,773,006.22	\$24,543,391.14	\$25,326,731.65	\$26,122,706.94	\$28,967,790.37	
E/P PUENTE - PROYECTO (ETAPA DE EXPLOTACIÓN Y MANTENIMIENTO)		\$334,210,508.95	\$0.00	\$0.00	\$0.00	\$5,543,459.40	\$6,432,920.60	\$6,641,036.30	\$6,853,031.95	\$7,068,312.60	\$8,088,436.50	
<b>TOTAL INGRESOS OPERACIONALES</b>		<b>\$1,511,688,825.07</b>	<b>\$12,556,554.07</b>	<b>\$12,988,442.19</b>	<b>\$13,428,683.81</b>	<b>\$26,819,872.51</b>	<b>\$30,205,926.82</b>	<b>\$31,184,427.44</b>	<b>\$32,179,763.60</b>	<b>\$33,191,019.54</b>	<b>\$37,056,226.87</b>	
<b>INGRESOS NO OPERACIONALES</b>												
ESPECIES: COMPROBANTE RETENCIÓN IVA 100%		\$11,986,825.23	\$3,596,047.57	\$4,195,388.83	\$4,195,388.83							
<b>TOTAL INGRESOS</b>		<b>\$1,523,675,650.30</b>	<b>\$16,152,601.64</b>	<b>\$17,183,831.02</b>	<b>\$17,624,072.64</b>	<b>\$26,819,872.51</b>	<b>\$30,205,926.82</b>	<b>\$31,184,427.44</b>	<b>\$32,179,763.60</b>	<b>\$33,191,019.54</b>	<b>\$37,056,226.87</b>	
<b>GASTOS DE OPERACIÓN</b>												
Administración y Operación E/P Equipos y Sistemas de Peaje (costo + %)		\$2,241,791.11	\$720,000.00	\$746,928.00	\$774,863.11							
Administración y Operación E/P (Años 4 y siguientes: % de ingresos)	6.00%	\$88,362,908.71				\$1,609,192.35	\$1,812,355.61	\$1,871,065.65	\$1,930,785.82	\$1,991,461.17	\$2,223,373.61	
IVA Administración y Operación E/P		\$13,590,704.98	\$108,000.00	\$112,039.20	\$116,229.47	\$241,378.85	\$271,853.34	\$280,659.85	\$289,617.87	\$298,719.18	\$333,506.04	
Fiscalización HEQ EP (Años 1 - 3: % de la construcción)	3.00%	\$6,598,252.43	\$1,979,475.73	\$2,309,388.35	\$2,309,388.35							
Administración HEQ EP (Años 4 y siguientes: % de ingresos)	2.00%	\$29,454,302.90				\$536,397.45	\$604,118.54	\$623,688.55	\$643,595.27	\$663,820.39	\$741,124.54	
IVA Fiscalización y Administración HIDROEQUINOCCIO EP		\$5,407,883.30	\$296,921.36	\$346,408.25	\$346,408.25	\$80,459.62	\$90,617.78	\$93,553.28	\$96,539.29	\$99,573.06	\$111,168.68	
Mantenimiento Rutinario Nueva Obra		\$12,828,935.79				\$416,241.60	\$420,404.02	\$424,608.06	\$428,854.14	\$433,142.68	\$437,474.11	
IVA Mantenimiento Rutinario Nueva Obra		\$641,446.80				\$20,812.08	\$21,020.20	\$21,230.40	\$21,442.71	\$21,657.13	\$21,873.71	
Mantenimiento Periódico Nueva Obra		\$32,514,907.56						\$2,815,406.05			\$2,987,731.42	
IVA Mantenimiento Nueva Obra		\$1,625,745.37						\$140,770.30			\$149,386.57	
Honorario de estructuración y levantamiento de pliegos:		\$0.00	\$0.00									
IVA Honorario		\$0.00	\$0.00									
<b>TOTAL GASTOS DE OPERACIÓN</b>		<b>\$193,266,878.95</b>	<b>\$3,104,397.09</b>	<b>\$3,514,763.80</b>	<b>\$3,546,889.18</b>	<b>\$2,904,481.95</b>	<b>\$3,220,369.49</b>	<b>\$6,270,982.14</b>	<b>\$3,410,835.10</b>	<b>\$3,508,373.61</b>	<b>\$7,005,638.68</b>	
<b>FLUJO DE CAJA OPERATIVO</b>		<b>\$1,330,408,771.35</b>	<b>\$13,048,204.55</b>	<b>\$13,669,067.22</b>	<b>\$14,077,183.46</b>	<b>\$23,915,390.56</b>	<b>\$26,985,557.33</b>	<b>\$24,913,445.30</b>	<b>\$28,768,928.50</b>	<b>\$29,682,645.93</b>	<b>\$30,050,588.19</b>	
<b>CAPEX</b>												
Inversión en la Construcción - Avance de Obra		\$219,941,747.57	\$65,982,524.27	\$76,979,611.65	\$76,979,611.65							
IVA Construcción		\$10,997,087.37	\$3,299,126.21	\$3,848,980.58	\$3,848,980.58							
<b>TOTAL CAPEX</b>		<b>\$230,938,834.94</b>	<b>\$69,281,650.48</b>	<b>\$80,828,592.23</b>	<b>\$80,828,592.23</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>FLUJO DE CAJA BRUTO</b>		<b>\$1,099,469,936.41</b>	<b>-\$56,233,445.93</b>	<b>-\$67,159,525.01</b>	<b>-\$66,751,408.77</b>	<b>\$23,915,390.56</b>	<b>\$26,985,557.33</b>	<b>\$24,913,445.30</b>	<b>\$28,768,928.50</b>	<b>\$29,682,645.93</b>	<b>\$30,050,588.19</b>	
<b>OBLIGACIONES EXISTENTES</b>												
Deuda CAF Amortización		\$17,827,969.83	\$6,672,651.70	\$4,639,491.25	\$2,606,330.75	\$2,606,330.75	\$1,303,165.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Deuda CAF Intereses		\$2,666,214.96	\$1,215,722.96	\$714,304.56	\$441,712.46	\$245,395.81	\$49,079.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>FLUJO DE CAJA NETO</b>		<b>\$1,078,975,751.62</b>	<b>-\$64,121,820.59</b>	<b>-\$72,513,320.82</b>	<b>-\$69,799,451.99</b>	<b>\$21,063,664.00</b>	<b>\$25,633,312.79</b>	<b>\$24,913,445.30</b>	<b>\$28,768,928.50</b>	<b>\$29,682,645.93</b>	<b>\$30,050,588.19</b>	
<b>FINANCIAMIENTO</b>												
Desembolso crédito		\$138,563,300.97	\$41,568,990.29	\$48,497,155.34	\$48,497,155.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amortización		\$138,563,300.97	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,856,330.10	\$13,856,330.10	\$13,856,330.10	\$13,856,330.10	\$13,856,330.10
Interés		\$131,107,209.74	\$3,223,675.20	\$5,916,999.36	\$11,261,385.88	\$15,269,675.77	\$15,269,675.77	\$14,887,933.87	\$13,360,966.30	\$11,833,998.72	\$10,307,031.14	
<b>TOTAL FINANCIAMIENTO</b>		<b>-\$131,107,209.74</b>	<b>\$38,345,315.09</b>	<b>\$42,580,155.98</b>	<b>\$37,235,769.46</b>	<b>-\$15,269,675.77</b>	<b>-\$15,269,675.77</b>	<b>-\$28,744,263.97</b>	<b>-\$27,217,296.39</b>	<b>-\$25,690,328.82</b>	<b>-\$24,163,361.24</b>	
<b>FLUJO EVALUACIÓN FINANCIERA</b>		<b>\$947,868,541.88</b>	<b>-\$25,776,505.50</b>	<b>-\$29,933,164.84</b>	<b>-\$32,563,682.52</b>	<b>\$5,793,988.23</b>	<b>\$10,363,637.03</b>	<b>-\$3,830,818.67</b>	<b>\$1,551,632.11</b>	<b>\$3,992,317.11</b>	<b>\$5,887,226.95</b>	
Saldo de Caja Inicial			\$0.00	\$6,554,931.39	\$8,953,203.44	\$4,102,181.11	\$9,896,169.34	\$20,259,806.37	\$16,428,987.70	\$17,980,619.81	\$21,972,936.92	
Aporte de Capital			\$32,331,436.89	\$32,331,436.89	\$27,712,660.19							
Saldo de Caja Final			\$6,554,931.39	\$8,953,203.44	\$4,102,181.11	\$9,896,169.34	\$20,259,806.37	\$16,428,987.70	\$17,980,619.81	\$21,972,936.92	\$27,860,163.87	

TIR FLUJO DE CAJA DEL PROYECTO	14.00%
TIR FLUJO EVALUACIÓN FINANCIERA	15.17%

WACC	13.7606%
------	----------

	FCN	FEF
TIR 30	14.00%	15.17%
TIR 29	13.89%	15.04%
TIR 28	13.77%	14.87%
TIR 27	13.63%	14.68%
TIR 26	13.47%	14.47%
TIR 25	13.28%	14.20%
TIR 24	13.06%	13.88%
TIR 23	12.83%	13.54%
TIR 22	12.54%	13.09%
TIR 21	12.19%	12.54%
TIR 20	11.81%	11.91%

CONCEPTO	MANTENIMIENTO												
	Año 10	Año 11	Año 12	Año 13	Año 14	Año 15	Año 16	Año 17	Año 18	Año 19	Año 20	Año 21	Año 22
<b>INGRESOS OPERACIONALES</b>													
E/P AGR - ACTUAL (ETAPA DE INTERVENCIÓN - APORTE PÚBLICO)													
E/P AGR - ACTUAL (ETAPA DE EXPLOTACIÓN Y MANTENIMIENTO)	\$29,851,760.96	\$30,751,220.22	\$31,665,314.04	\$34,882,665.06	\$35,891,090.81	\$36,914,168.90	\$37,952,506.13	\$41,568,157.71	\$42,706,389.32	\$43,862,788.64	\$45,033,761.77	\$49,071,233.88	\$50,348,388.83
E/P PUENTE - PROYECTO (ETAPA DE EXPLOTACIÓN Y MANTENIMIENTO)	\$8,335,519.60	\$8,586,435.20	\$8,841,416.90	\$10,001,941.70	\$10,290,915.85	\$10,584,306.50	\$10,881,964.00	\$12,191,839.50	\$12,526,062.70	\$12,864,884.90	\$13,208,576.20	\$14,677,489.50	\$15,059,900.00
<b>TOTAL INGRESOS OPERACIONALES</b>	<b>\$38,187,280.56</b>	<b>\$39,337,655.42</b>	<b>\$40,506,730.94</b>	<b>\$44,884,606.76</b>	<b>\$46,182,006.66</b>	<b>\$47,498,475.40</b>	<b>\$48,834,470.13</b>	<b>\$53,759,997.21</b>	<b>\$55,232,452.02</b>	<b>\$56,727,673.54</b>	<b>\$58,242,337.97</b>	<b>\$63,748,723.38</b>	<b>\$65,408,288.83</b>
<b>INGRESOS NO OPERACIONALES</b>													
ESPECIES: COMPROBANTE RETENCIÓN IVA 100%													
<b>TOTAL INGRESOS</b>	<b>\$38,187,280.56</b>	<b>\$39,337,655.42</b>	<b>\$40,506,730.94</b>	<b>\$44,884,606.76</b>	<b>\$46,182,006.66</b>	<b>\$47,498,475.40</b>	<b>\$48,834,470.13</b>	<b>\$53,759,997.21</b>	<b>\$55,232,452.02</b>	<b>\$56,727,673.54</b>	<b>\$58,242,337.97</b>	<b>\$63,748,723.38</b>	<b>\$65,408,288.83</b>
<b>GASTOS DE OPERACIÓN</b>													
Administración y Operación E/P Equipos y Sistemas de Peaje (costo + %)													
Administración y Operación E/P (Años 4 y siguientes: % de ingresos)	\$2,291,236.83	\$2,360,259.33	\$2,430,403.86	\$2,693,076.41	\$2,770,920.40	\$2,849,908.52	\$2,930,068.21	\$3,225,599.83	\$3,313,947.12	\$3,403,660.41	\$3,494,540.28	\$3,824,923.40	\$3,924,497.33
IVA Administración y Operación E/P	\$343,685.52	\$354,038.90	\$364,560.58	\$403,961.46	\$415,638.06	\$427,486.28	\$439,510.23	\$483,839.97	\$497,092.07	\$510,549.06	\$524,181.04	\$573,738.51	\$588,674.60
Fiscalización HEQ EP (Años 1 - 3: % de la construcción)													
Administración HEQ EP (Años 4 y siguientes: % de ingresos)	\$763,745.61	\$786,753.11	\$810,134.62	\$897,692.14	\$923,640.13	\$949,969.51	\$976,689.40	\$1,075,199.94	\$1,104,649.04	\$1,134,553.47	\$1,164,846.76	\$1,274,974.47	\$1,308,165.78
IVA Fiscalización y Administración HIDROEQUINOCCIO EP	\$114,561.84	\$118,012.97	\$121,520.19	\$134,653.82	\$138,546.02	\$142,495.43	\$146,503.41	\$161,279.99	\$165,697.36	\$170,183.02	\$174,727.01	\$191,246.17	\$196,224.87
Mantenimiento Rutinario Nueva Obra	\$441,848.85	\$446,267.34	\$450,730.01	\$455,237.31	\$459,789.69	\$464,387.58	\$469,031.46	\$473,721.77	\$478,458.99	\$483,243.58	\$488,076.02	\$492,956.78	\$497,886.34
IVA Mantenimiento Rutinario Nueva Obra	\$22,092.44	\$22,313.37	\$22,536.50	\$22,761.87	\$22,989.48	\$23,219.38	\$23,451.57	\$23,686.09	\$23,922.95	\$24,162.18	\$24,403.80	\$24,647.84	\$24,894.32
Mantenimiento Periódico Nueva Obra			\$3,170,604.49			\$3,364,670.85			\$3,570,615.62			\$3,789,165.86	
IVA Mantenimiento Nueva Obra			\$158,530.22			\$168,233.54			\$178,530.78			\$189,458.29	
Honorario de estructuración y levantamiento de pliegos:													
IVA Honorario													
<b>TOTAL GASTOS DE OPERACIÓN</b>	<b>\$3,977,171.09</b>	<b>\$4,087,645.02</b>	<b>\$7,529,020.47</b>	<b>\$4,607,383.01</b>	<b>\$4,731,523.78</b>	<b>\$8,390,371.09</b>	<b>\$4,985,254.28</b>	<b>\$5,443,327.59</b>	<b>\$9,332,913.93</b>	<b>\$5,726,351.72</b>	<b>\$5,870,774.91</b>	<b>\$10,361,111.32</b>	<b>\$6,540,343.24</b>
<b>FLUJO DE CAJA OPERATIVO</b>	<b>\$34,210,109.47</b>	<b>\$35,250,010.40</b>	<b>\$32,977,710.47</b>	<b>\$40,277,223.75</b>	<b>\$41,450,482.88</b>	<b>\$39,108,104.31</b>	<b>\$43,849,215.85</b>	<b>\$48,316,669.62</b>	<b>\$45,899,538.09</b>	<b>\$51,001,321.82</b>	<b>\$52,371,563.06</b>	<b>\$53,387,612.06</b>	<b>\$58,867,945.59</b>
<b>CAPEX</b>													
Inversión en la Construcción - Avance de Obra													
IVA Construcción													
<b>TOTAL CAPEX</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>FLUJO DE CAJA BRUTO</b>	<b>\$34,210,109.47</b>	<b>\$35,250,010.40</b>	<b>\$32,977,710.47</b>	<b>\$40,277,223.75</b>	<b>\$41,450,482.88</b>	<b>\$39,108,104.31</b>	<b>\$43,849,215.85</b>	<b>\$48,316,669.62</b>	<b>\$45,899,538.09</b>	<b>\$51,001,321.82</b>	<b>\$52,371,563.06</b>	<b>\$53,387,612.06</b>	<b>\$58,867,945.59</b>
<b>OBLIGACIONES EXISTENTES</b>													
Deuda CAF Amortización	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Deuda CAF Intereses	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>FLUJO DE CAJA NETO</b>	<b>\$34,210,109.47</b>	<b>\$35,250,010.40</b>	<b>\$32,977,710.47</b>	<b>\$40,277,223.75</b>	<b>\$41,450,482.88</b>	<b>\$39,108,104.31</b>	<b>\$43,849,215.85</b>	<b>\$48,316,669.62</b>	<b>\$45,899,538.09</b>	<b>\$51,001,321.82</b>	<b>\$52,371,563.06</b>	<b>\$53,387,612.06</b>	<b>\$58,867,945.59</b>
<b>FINANCIAMIENTO</b>													
Desembolso crédito	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amortización	\$13,856,330.10	\$13,856,330.10	\$13,856,330.10	\$13,856,330.10	\$13,856,330.10	\$13,856,330.10	\$13,856,330.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Interés	\$8,780,063.57	\$7,253,095.99	\$5,726,128.41	\$4,199,160.84	\$2,672,193.26	\$1,145,225.68	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>TOTAL FINANCIAMIENTO</b>	<b>-\$22,636,393.66</b>	<b>-\$21,109,426.09</b>	<b>-\$19,582,458.51</b>	<b>-\$18,055,490.93</b>	<b>-\$16,528,523.36</b>	<b>-\$15,001,555.78</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>FLUJO EVALUACIÓN FINANCIERA</b>	<b>\$11,573,715.81</b>	<b>\$14,140,584.31</b>	<b>\$13,395,251.96</b>	<b>\$22,221,732.82</b>	<b>\$24,921,959.52</b>	<b>\$24,106,548.53</b>	<b>\$43,849,215.85</b>	<b>\$48,316,669.62</b>	<b>\$45,899,538.09</b>	<b>\$51,001,321.82</b>	<b>\$52,371,563.06</b>	<b>\$53,387,612.06</b>	<b>\$58,867,945.59</b>
Saldo de Caja Inicial	\$27,860,163.87	\$39,433,879.68	\$53,574,464.00	\$66,969,715.96	\$89,191,448.78	\$114,113,408.30	\$138,219,956.83	\$182,069,172.68	\$230,385,842.30	\$276,285,380.39	\$327,286,702.21	\$379,658,265.27	\$433,045,877.33
Aporte de Capital													
Saldo de Caja Final	\$39,433,879.68	\$53,574,464.00	\$66,969,715.96	\$89,191,448.78	\$114,113,408.30	\$138,219,956.83	\$182,069,172.68	\$230,385,842.30	\$276,285,380.39	\$327,286,702.21	\$379,658,265.27	\$433,045,877.33	\$491,913,822.92

CONCEPTO	Año 23	Año 24	Año 25	Año 26	Año 27	Año 28	Año 29	Año 30
	<b>INGRESOS OPERACIONALES</b>							
E/P AGR - ACTUAL (ETAPA DE INTERVENCIÓN - APORTE PÚBLICO)								
E/P AGR - ACTUAL (ETAPA DE EXPLOTACIÓN Y MANTENIMIENTO)	\$51,644,878.96	\$52,955,945.68	\$57,438,166.99	\$58,863,524.66	\$60,306,654.51	\$61,767,920.70	\$66,718,678.50	\$68,299,380.35
E/P PUENTE - PROYECTO (ETAPA DE EXPLOTACIÓN Y MANTENIMIENTO)	\$15,447,241.65	\$15,839,905.00	\$17,477,579.70	\$17,911,265.40	\$18,350,623.20	\$18,795,397.60	\$20,610,947.75	\$21,099,098.75
<b>TOTAL INGRESOS OPERACIONALES</b>	<b>\$67,092,120.61</b>	<b>\$68,795,850.68</b>	<b>\$74,915,746.69</b>	<b>\$76,774,790.06</b>	<b>\$78,657,277.71</b>	<b>\$80,563,318.30</b>	<b>\$87,329,626.25</b>	<b>\$89,398,479.10</b>
<b>INGRESOS NO OPERACIONALES</b>								
ESPECIES: COMPROBANTE RETENCIÓN IVA 100%								
<b>TOTAL INGRESOS</b>	<b>\$67,092,120.61</b>	<b>\$68,795,850.68</b>	<b>\$74,915,746.69</b>	<b>\$76,774,790.06</b>	<b>\$78,657,277.71</b>	<b>\$80,563,318.30</b>	<b>\$87,329,626.25</b>	<b>\$89,398,479.10</b>
<b>GASTOS DE OPERACIÓN</b>								
Administración y Operación E/P Equipos y Sistemas de Peaje (costo + %)								
Administración y Operación E/P (Años 4 y siguientes: % de ingresos)	\$4,025,527.24	\$4,127,751.04	\$4,494,944.80	\$4,606,487.40	\$4,719,436.66	\$4,833,799.10	\$5,239,777.58	\$5,363,908.75
IVA Administración y Operación E/P	\$603,829.09	\$619,162.66	\$674,241.72	\$690,973.11	\$707,915.50	\$725,069.87	\$785,966.64	\$804,586.31
Fiscalización HEQ EP (Años 1 - 3: % de la construcción)								
Administración HEQ EP (Años 4 y siguientes: % de ingresos)	\$1,341,842.41	\$1,375,917.01	\$1,498,314.93	\$1,535,495.80	\$1,573,145.55	\$1,611,266.37	\$1,746,592.53	\$1,787,969.58
IVA Fiscalización y Administración HIDROEQUINOCCIO EP	\$201,276.36	\$206,387.55	\$224,747.24	\$230,324.37	\$235,971.83	\$241,689.96	\$261,988.88	\$268,195.44
Mantenimiento Rutinario Nueva Obra	\$502,865.21	\$507,893.86	\$512,972.80	\$518,102.53	\$523,283.55	\$528,516.39	\$533,801.55	\$539,139.57
IVA Mantenimiento Rutinario Nueva Obra	\$25,143.26	\$25,394.69	\$25,648.64	\$25,905.13	\$26,164.18	\$26,425.82	\$26,690.08	\$26,956.98
Mantenimiento Periódico Nueva Obra		\$4,021,093.12			\$4,267,216.19			\$4,528,403.96
IVA Mantenimiento Nueva Obra		\$201,054.66			\$213,360.81			\$226,420.20
Honorario de estructuración y levantamiento de pliegos:								
IVA Honorario								
<b>TOTAL GASTOS DE OPERACIÓN</b>	<b>\$6,700,483.57</b>	<b>\$11,084,654.59</b>	<b>\$7,430,870.13</b>	<b>\$7,607,288.34</b>	<b>\$12,266,494.27</b>	<b>\$7,966,767.51</b>	<b>\$8,594,817.26</b>	<b>\$13,545,580.79</b>
<b>FLUJO DE CAJA OPERATIVO</b>	<b>\$60,391,637.04</b>	<b>\$57,711,196.09</b>	<b>\$67,484,876.56</b>	<b>\$69,167,501.72</b>	<b>\$66,390,783.44</b>	<b>\$72,596,550.79</b>	<b>\$78,734,808.99</b>	<b>\$75,852,898.31</b>
<b>CAPEX</b>								
Inversión en la Construcción - Avance de Obra								
IVA Construcción								
<b>TOTAL CAPEX</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>FLUJO DE CAJA BRUTO</b>	<b>\$60,391,637.04</b>	<b>\$57,711,196.09</b>	<b>\$67,484,876.56</b>	<b>\$69,167,501.72</b>	<b>\$66,390,783.44</b>	<b>\$72,596,550.79</b>	<b>\$78,734,808.99</b>	<b>\$75,852,898.31</b>
<b>OBLIGACIONES EXISTENTES</b>								
Deuda CAF Amortización	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Deuda CAF Intereses	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>FLUJO DE CAJA NETO</b>	<b>\$60,391,637.04</b>	<b>\$57,711,196.09</b>	<b>\$67,484,876.56</b>	<b>\$69,167,501.72</b>	<b>\$66,390,783.44</b>	<b>\$72,596,550.79</b>	<b>\$78,734,808.99</b>	<b>\$75,852,898.31</b>
<b>FINANCIAMIENTO</b>								
Desembolso crédito	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amortización	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Interés	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>TOTAL FINANCIAMIENTO</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>FLUJO EVALUACIÓN FINANCIERA</b>	<b>\$60,391,637.04</b>	<b>\$57,711,196.09</b>	<b>\$67,484,876.56</b>	<b>\$69,167,501.72</b>	<b>\$66,390,783.44</b>	<b>\$72,596,550.79</b>	<b>\$78,734,808.99</b>	<b>\$75,852,898.31</b>
Saldo de Caja Inicial	\$491,913,822.92	\$552,305,459.96	\$610,016,656.05	\$677,501,532.61	\$746,669,034.33	\$813,059,817.77	\$885,656,368.56	\$964,391,177.55
Aporte de Capital								
Saldo de Caja Final	\$552,305,459.96	\$610,016,656.05	\$677,501,532.61	\$746,669,034.33	\$813,059,817.77	\$885,656,368.56	\$964,391,177.55	\$1,040,244,075.86

## DATOS TRAFICO PROMEDIO DIARIO ANUAL (TPDA): TRAMO: AGR

Días año calendario	365
Año incremento tarifa	4
Incremento de tarifa	\$0.05

95.01%	Buses/Total 2 Ejes	70%	1.43%	0.08%	0.01%	0.07%	0.06%	100.00%
--------	--------------------	-----	-------	-------	-------	-------	-------	---------

E/P AGR	Livianos			Buses			Cam 2 ejes			Cam 3 ejes			Cam 4 ejes			Cam 5 ejes			Cam 6 ejes		
	Tarifa			Tarifa			Tarifa			Tarifa			Tarifa			Tarifa					
	Actual	Ajustada	Tarifa final	Actual	Ajustada	Tarifa final	Actual	Ajustada	Tarifa final	Actual	Ajustada	Tarifa final	Actual	Ajustada	Tarifa final	Actual	Ajustada	Tarifa final	Actual	Ajustada	Tarifa final
	\$0.39	\$0.60	\$0.95	\$0.54	\$0.54	\$0.89	\$0.54	\$1.20	\$1.55	\$0.89	\$1.80	\$2.15	\$1.00	\$2.40	\$2.75	\$1.10	\$3.00	\$3.35	\$1.20	\$3.60	\$3.95

	TPDA	TA	Recaudación	TPDA	TA	Recaudación	TPDA	TA	Recaudación	TPDA	TA	Recaudación	TPDA	TA	Recaudación	TPDA	TA	Recaudación	TPDA	TA	Recaudación	TPDA	TA	Recaudación	
TPDA AÑO 1	1	82,002	29,930,730	\$11,672,984.70	2,882	1,051,930	\$568,042.20	1,235	450,775	\$243,418.50	71	25,915	\$23,064.35	10	3,650	\$3,650.00	60	21,900	\$24,090.00	49	17,754	\$21,304.32	86,309	31,502,654	\$12,556,554.07
TPDA AÑO 2	2	84,823	30,960,395	\$12,074,554.05	2,981	1,088,065	\$587,555.10	1,278	466,470	\$251,893.80	73	26,645	\$23,714.05	10	3,650	\$3,650.00	62	22,630	\$24,893.00	51	18,485	\$22,182.19	89,278	32,586,340	\$12,988,442.19
TPDA AÑO 3	3	87,696	32,009,040	\$12,483,525.60	3,082	1,124,930	\$607,462.20	1,321	482,165	\$260,369.10	76	27,740	\$24,688.60	11	4,015	\$4,015.00	64	23,360	\$25,696.00	52	19,106	\$22,927.31	92,302	33,690,356	\$13,428,683.81
TPDA AÑO 4	4	90,622	33,077,030	\$19,846,218.00	3,185	1,162,525	\$627,763.50	1,365	498,225	\$597,870.00	79	28,835	\$51,903.00	11	4,015	\$9,636.00	66	24,090	\$72,270.00	54	19,654	\$70,752.61	95,382	34,814,374	\$21,276,413.11
TPDA AÑO 5	5	93,600	34,164,000	\$22,206,600.00	3,290	1,200,850	\$708,501.50	1,410	514,650	\$643,312.50	81	29,565	\$54,695.25	12	4,380	\$10,731.00	68	24,820	\$75,701.00	55	20,127	\$73,464.97	98,516	35,958,392	\$23,773,006.22
TPDA AÑO 6	6	96,630	35,269,950	\$22,925,467.50	3,396	1,239,540	\$731,328.60	1,455	531,075	\$663,843.75	84	30,660	\$56,721.00	12	4,380	\$10,731.00	71	25,915	\$79,040.75	57	20,893	\$76,258.54	101,705	37,122,413	\$24,543,391.14
TPDA AÑO 7	7	99,712	36,394,880	\$23,656,672.00	3,504	1,278,960	\$754,586.40	1,502	548,230	\$685,287.50	86	31,390	\$58,071.50	12	4,380	\$10,731.00	73	26,645	\$81,267.25	60	21,950	\$80,116.00	104,949	38,306,435	\$25,326,731.65
TPDA AÑO 8	8	102,845	37,538,425	\$24,399,976.25	3,614	1,319,110	\$778,274.90	1,549	565,385	\$706,731.25	89	32,485	\$60,097.25	13	4,745	\$11,625.25	75	27,375	\$83,493.75	62	22,605	\$82,508.29	108,247	39,510,130	\$26,122,706.94
TPDA AÑO 9	9	106,032	38,701,680	\$27,091,176.00	3,726	1,359,990	\$870,393.60	1,597	582,905	\$757,776.50	92	33,580	\$63,802.00	13	4,745	\$11,862.50	77	28,105	\$87,125.50	63	23,150	\$85,654.27	111,600	40,734,155	\$28,967,790.37
TPDA AÑO 10	10	109,270	39,883,550	\$27,918,485.00	3,840	1,401,600	\$897,024.00	1,646	600,790	\$781,027.00	95	34,675	\$65,882.50	14	5,110	\$12,775.00	80	29,200	\$90,520.00	64	23,256	\$86,047.46	115,009	41,978,181	\$29,851,760.96
TPDA AÑO 11	11	112,560	41,084,400	\$28,759,080.00	3,956	1,443,940	\$924,121.60	1,695	618,675	\$804,277.50	98	35,770	\$67,963.00	14	5,110	\$12,775.00	82	29,930	\$92,783.00	67	24,384	\$90,220.12	118,472	43,242,209	\$30,751,220.22
TPDA AÑO 12	12	115,902	42,304,230	\$29,612,961.00	4,073	1,486,645	\$951,452.80	1,746	637,290	\$828,477.00	100	36,500	\$69,350.00	14	5,110	\$12,775.00	85	31,025	\$96,177.50	70	25,438	\$94,120.74	121,990	44,526,238	\$31,665,314.04
TPDA AÑO 13	13	119,297	43,543,405	\$32,657,553.75	4,193	1,530,445	\$1,056,007.05	1,797	655,905	\$885,471.75	103	37,595	\$73,310.25	15	5,475	\$13,961.25	87	31,755	\$100,028.25	70	25,689	\$96,332.76	125,562	45,830,269	\$34,882,665.06
TPDA AÑO 14	14	122,743	44,801,195	\$33,600,896.25	4,314	1,574,610	\$1,086,480.90	1,849	674,885	\$911,094.75	106	38,690	\$75,445.50	15	5,475	\$13,961.25	90	32,850	\$103,477.50	73	26,596	\$99,734.66	129,190	47,154,301	\$35,891,090.81
TPDA AÑO 15	15	126,243	46,078,695	\$34,559,021.25	4,437	1,619,505	\$1,117,458.45	1,901	693,865	\$936,717.75	109	39,785	\$77,580.75	16	5,840	\$14,892.00	92	33,580	\$105,777.00	75	27,392	\$102,721.70	132,873	48,498,662	\$36,914,168.90
TPDA AÑO 16	16	129,793	47,374,445	\$35,530,833.75	4,562	1,665,130	\$1,148,939.70	1,955	713,575	\$963,326.25	112	40,880	\$79,716.00	16	5,840	\$14,892.00	95	34,675	\$109,226.25	77	28,153	\$105,572.18	136,610	49,862,698	\$37,952,506.13
TPDA AÑO 17	17	133,396	48,689,540	\$38,951,632.00	4,688	1,711,120	\$1,266,228.80	2,009	733,285	\$1,026,599.00	116	42,340	\$84,680.00	17	6,205	\$16,133.00	97	35,405	\$113,296.00	79	28,839	\$109,588.91	140,402	51,246,734	\$41,568,157.71
TPDA AÑO 18	18	137,051	50,023,615	\$40,018,892.00	4,817	1,758,205	\$1,301,071.70	2,064	753,360	\$1,054,704.00	119	43,435	\$86,870.00	17	6,205	\$16,133.00	100	36,500	\$116,800.00	81	29,452	\$111,918.62	144,249	52,650,772	\$42,706,389.32
TPDA AÑO 19	19	140,757	51,376,305	\$41,101,044.00	4,947	1,805,655	\$1,336,184.70	2,120	773,800	\$1,083,320.00	122	44,530	\$89,060.00	17	6,205	\$16,133.00	103	37,595	\$120,304.00	84	30,722	\$116,742.94	148,150	54,074,812	\$43,862,788.64
TPDA AÑO 20	20	144,517	52,748,705	\$42,198,964.00	5,079	1,853,835	\$1,371,837.90	2,177	794,605	\$1,112,447.00	125	45,625	\$91,250.00	18	6,570	\$17,082.00	106	38,690	\$123,808.00	85	31,151	\$118,372.87	152,107	55,519,181	\$45,033,761.77
TPDA AÑO 21	21	148,328	54,139,720	\$46,018,762.00	5,213	1,902,745	\$1,503,168.55	2,234	815,410	\$1,182,344.50	128	46,720	\$95,776.00	18	6,570	\$17,410.50	108	39,420	\$128,115.00	89	32,638	\$125,657.33	156,118	56,983,223	\$49,071,233.88
TPDA AÑO 22	22	152,191	55,549,715	\$47,217,257.75	5,349	1,952,385	\$1,542,384.15	2,292	836,580	\$1,213,041.00	132	48,180	\$98,769.00	19	6,935	\$18,377.75	111	40,515	\$131,673.75	90	32,957	\$126,885.43	160,184	58,467,267	\$50,348,388.83
TPDA AÑO 23	23	156,107	56,979,055	\$48,432,196.75	5,486	2,002,390	\$1,581,888.10	2,351	858,115	\$1,244,266.75	135	49,275	\$101,013.75	19	6,935	\$18,377.75	114	41,610	\$135,232.50	94	34,261	\$131,903.36	164,306	59,971,641	\$51,644,878.96
TPDA AÑO 24	24	160,074	58,427,010	\$49,662,958.50	5,626	2,053,490	\$1,622,257.10	2,411	880,015	\$1,276,021.75	139	50,735	\$104,006.75	20	7,300	\$19,345.00	117	42,705	\$138,791.25	94	34,433	\$132,565.33	168,481	61,495,688	\$52,955,945.68
TPDA AÑO 25	25	164,093	59,893,945	\$53,904,550.50	5,767	2,104,955	\$1,768,162.20	2,472	902,280	\$1,353,420.00	142	51,830	\$108,843.00	20	7,300	\$19,710.00	120	43,800	\$144,540.00	98	35,626	\$138,941.29	172,712	63,039,736	\$57,438,166.99
TPDA AÑO 26	26	168,165	61,380,225	\$55,242,202.50	5,910	2,157,150	\$1,812,006.00	2,533	924,545	\$1,386,817.50	146	53,290	\$111,909.00	21	7,665	\$20,695.50	123	44,895	\$148,153.50	100	36,344	\$141,740.66	176,998	64,604,114	\$58,863,524.66
TPDA AÑO 27	27	172,289	62,885,485	\$56,596,936.50	6,055	2,210,075	\$1,856,463.00	2,595	947,175	\$1,420,762.50	149	54,385	\$114,208.50	21	7,665	\$20,695.50	126	45,990	\$151,767.00	102	37,390	\$145,821.51	181,337	66,188,165	\$60,306,654.51
TPDA AÑO 28	28	176,465	64,409,725	\$57,968,752.50	6,202	2,263,730	\$1,901,533.20	2,658	970,170	\$1,455,255.00	153	55,845	\$117,274.50	22	8,030	\$21,681.00	129	47,085	\$155,380.50	104	37,960	\$148,044.00	185,733	67,792,545	\$61,767,920.70
TPDA AÑO 29	29	180,692	65,952,580	\$62,654,951.00	6,350	2,317,750	\$2,062,797.50	2,722	993,530	\$1,539,971.50	157	57,305	\$123,205.75	22	8,030	\$22,082.50	132	48,180	\$161,403.00	107	39,055	\$154,267.25	190,182	69,416,430	\$66,718,678.50
TPDA AÑO 30	30	184,972	67,514,780	\$64,139,041.00	6,501	2,372,865	\$2,111,849.85	2,786	1,016,890	\$1,576,179.50	160	58,400	\$125,560.00	23	8,395	\$23,086.25	135	49,275	\$165,071.25	110	40,150	\$158,592.50	194,687	71,060,755	\$68,299,380.35

**DATOS TRAFICO PROMEDIO DIARIO ANUAL (TPDA): TRAMO: ARBOLITO**

Días año calendario	365
Incremento de tarifa	\$0.05

% de Tráfico de la AGR 40%

E/P PUENTE-TUNEL	Livianos			Buses			Cam 2 ejes			Cam 3 ejes			Cam 4 ejes			Cam 5 ejes			Cam 6 ejes		
	Tarifa			Tarifa			Tarifa			Tarifa			Tarifa			Tarifa			Tarifa		
	Inicial		Final	Inicial		Final	Inicial		Final	Inicial		Final	Inicial		Final	Inicial		Final	Inicial		Final
	\$0.40		\$0.75	\$0.54		\$0.89															

		TPDA	TA	Recaudación	TPDA	TA	Recaudación	TPDA	TA	Recaudación	TPDA	TA	Recaudación	TPDA	TA	Recaudación	TPDA	TA	Recaudación	TPDA	TA	Recaudación			
TPDA AÑO 1	1																								
TPDA AÑO 2	2																								
TPDA AÑO 3	3																								
TPDA AÑO 4	4	36,249	13,230,885	\$5,292,354.00	1,274	465,010	\$251,105.40	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	37,523	13,695,895	\$5,543,459.40
TPDA AÑO 5	5	37,440	13,665,600	\$6,149,520.00	1,316	480,340	\$283,400.60	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	38,756	14,145,940	\$6,432,920.60
TPDA AÑO 6	6	38,652	14,107,980	\$6,348,591.00	1,358	495,670	\$292,445.30	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	40,010	14,603,650	\$6,641,036.30
TPDA AÑO 7	7	39,885	14,558,025	\$6,551,111.25	1,402	511,730	\$301,920.70	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	41,287	15,069,755	\$6,853,031.95
TPDA AÑO 8	8	41,138	15,015,370	\$6,756,916.50	1,446	527,790	\$311,396.10	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	42,584	15,543,160	\$7,068,312.60
TPDA AÑO 9	9	42,413	15,480,745	\$7,740,372.50	1,490	543,850	\$348,064.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	43,903	16,024,595	\$8,088,436.50
TPDA AÑO 10	10	43,708	15,953,420	\$7,976,710.00	1,536	560,640	\$358,809.60	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	45,244	16,514,060	\$8,335,519.60
TPDA AÑO 11	11	45,024	16,433,760	\$8,216,880.00	1,582	577,430	\$369,555.20	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	46,606	17,011,190	\$8,586,435.20
TPDA AÑO 12	12	46,361	16,921,765	\$8,460,882.50	1,629	594,585	\$380,534.40	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	47,990	17,516,350	\$8,841,416.90
TPDA AÑO 13	13	47,719	17,417,435	\$9,579,589.25	1,677	612,105	\$422,352.45	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	49,396	18,029,540	\$10,001,941.70
TPDA AÑO 14	14	49,097	17,920,405	\$9,856,222.75	1,726	629,990	\$434,693.10	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	50,823	18,550,395	\$10,290,915.85
TPDA AÑO 15	15	50,497	18,431,405	\$10,137,272.75	1,775	647,875	\$447,033.75	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	52,272	19,079,280	\$10,584,306.50
TPDA AÑO 16	16	51,917	18,949,705	\$10,422,337.75	1,825	666,125	\$459,626.25	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	53,742	19,615,830	\$10,881,964.00
TPDA AÑO 17	17	53,358	19,475,670	\$11,685,402.00	1,875	684,375	\$506,437.50	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	55,233	20,160,045	\$12,191,839.50
TPDA AÑO 18	18	54,820	20,009,300	\$12,005,580.00	1,927	703,355	\$520,482.70	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	56,747	20,712,655	\$12,526,062.70
TPDA AÑO 19	19	56,303	20,550,595	\$12,330,357.00	1,979	722,335	\$534,527.90	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	58,282	21,272,930	\$12,864,884.90
TPDA AÑO 20	20	57,807	21,099,555	\$12,659,733.00	2,032	741,680	\$548,843.20	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	59,839	21,841,235	\$13,208,576.20
TPDA AÑO 21	21	59,331	21,655,815	\$14,076,279.75	2,085	761,025	\$601,209.75	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	61,416	22,416,840	\$14,677,489.50
TPDA AÑO 22	22	60,876	22,219,740	\$14,442,831.00	2,140	781,100	\$617,069.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	63,016	23,000,840	\$15,059,900.00
TPDA AÑO 23	23	62,443	22,791,695	\$14,814,601.75	2,194	800,810	\$632,639.90	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	64,637	23,592,505	\$15,447,241.65
TPDA AÑO 24	24	64,030	23,370,950	\$15,191,117.50	2,250	821,250	\$648,787.50	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	66,280	24,192,200	\$15,839,905.00
TPDA AÑO 25	25	65,637	23,957,505	\$16,770,253.50	2,307	842,055	\$707,326.20	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	67,944	24,799,560	\$17,477,579.70
TPDA AÑO 26	26	67,266	24,552,090	\$17,186,463.00	2,364	862,860	\$724,802.40	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	69,630	25,414,950	\$17,911,265.40
TPDA AÑO 27	27	68,916	25,154,340	\$17,608,038.00	2,422	884,030	\$742,585.20	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	71,338	26,038,370	\$18,350,623.20
TPDA AÑO 28	28	70,586	25,763,890	\$18,034,723.00	2,481	905,565	\$760,674.60	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	73,067	26,669,455	\$18,795,397.60
TPDA AÑO 29	29	72,277	26,381,105	\$19,785,828.75	2,540	927,100	\$825,119.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	74,817	27,308,205	\$20,610,947.75
TPDA AÑO 30	30	73,989	27,005,985	\$20,254,488.75	2,600	949,000	\$844,610.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	76,589	27,954,985	\$21,099,098.75