

SENSIBILIDAD - EVALUACION ECONOMICA

COSTOS INCREMENTADO 25% 1.25

BENEFICIOS NORMALES

CONCEPTO	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
COSTOS	1.121.14	1.009.02	58.20	52.38	47.14	42.43	38.18	34.37	30.93	27.84	25.05	548.29	20.29	18.26	16.44	14.79	13.31	11.98	10.78	9.71	8.74
BENEFICIOS	0.00	0.00	3.123.77	2.921.61	2.733.97	2.558.89	2.396.27	2.244.03	2.087.42	1.940.05	1.677.63	1.775.63	1.793.79	1.456.79	1.351.06	1.252.83	1.161.73	1.080.53	1.005.57	913.65	869.77
FLUJO NETO	-1.121.14	-1.009.02	3.065.57	2.869.23	2.686.83	2.516.46	2.358.08	2.209.66	2.056.49	1.912.21	1.652.58	1.227.35	1.773.50	1.438.53	1.334.62	1.238.03	1.148.42	1.068.55	994.79	903.94	861.04

TIR:	26.4%	miles dólares
VAN:	10.916.71	
B/C:	6.08	

SENSIBILIDAD - EVALUACION ECONOMICA

BENEFICIOS DISMINUIDOS 25% 0.75

COSTOS NORMALES

CONCEPTO	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
COSTOS	672.68	605.41	34.92	31.43	28.28	25.46	22.91	20.62	18.56	16.70	15.03	328.97	12.18	10.96	9.86	8.88	7.99	7.19	6.47	5.82	5.24
BENEFICIOS	0.00	0.00	2.342.82	2.191.21	2.050.48	1.919.17	1.797.20	1.683.02	1.565.57	1.455.04	1.258.22	1.331.73	1.345.35	1.092.60	1.013.29	939.62	871.30	810.40	754.18	685.24	652.33
FLUJO NETO	-672.68	-605.41	2.307.90	2.159.78	2.022.19	1.893.71	1.774.29	1.662.40	1.547.01	1.438.33	1.243.19	1.002.75	1.333.17	1.081.64	1.003.43	930.74	863.31	803.21	747.71	679.41	647.09

TIR:	45.6%	miles dólares
VAN:	8.509.69	
B/C:	7.60	

SENSIBILIDAD - EVALUACION ECONOMICA

TASA DE ACTUALIZACION INCREMENTADO 25%

CONCEPTO	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
COSTOS	896.91	1.009.02	46.56	41.90	37.71	33.94	30.55	27.49	24.74	22.27	20.04	438.63	16.23	14.61	13.15	11.83	10.65	9.59	8.63	7.76	6.99
BENEFICIOS	0.00	0.00	3.123.77	2.921.61	2.733.97	2.558.89	2.396.27	2.244.03	2.087.42	1.940.05	1.677.63	1.775.63	1.793.79	1.456.79	1.351.06	1.252.83	1.161.73	1.080.53	1.005.57	913.65	869.77
FLUJO NETO	-896.91	-1.009.02	3.077.21	2.879.71	2.696.26	2.524.95	2.365.72	2.216.53	2.062.68	1.917.78	1.657.59	1.337.00	1.777.56	1.442.18	1.337.91	1.240.99	1.151.08	1.070.95	996.95	905.88	862.78

TIR:	37.3%	miles dólares
VAN:	9.032.68	
B/C:	6.13	



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Resumen Sensibilidad

Nombre del estudio: DESEO-LAINMACULADA-CRUCÉ
HIGHWAY DEVELOPMENT & MANAGEMENT
Fecha ejecución: 17/11/2022

Moneda: US Dollar (millones).

Nombre del estudio:
DESEO-LAINMACULADA-CRUCÉ

ANÁLISIS DE SENSIBILIDAD

SENSIBILIDAD	T.I.R (%)	V.A.N (miles USD)	Relación B/C
COSTOS aumentados 25% y BENEFICIOS normales	26.37%	10.916.71	6.08
COSTOS normales y BENEFICIOS disminuidos 25%	45.61%	8.509.69	7.60
Tasa actualización aumentada 25 % = 15%	37.33%	9.032.68	6.13