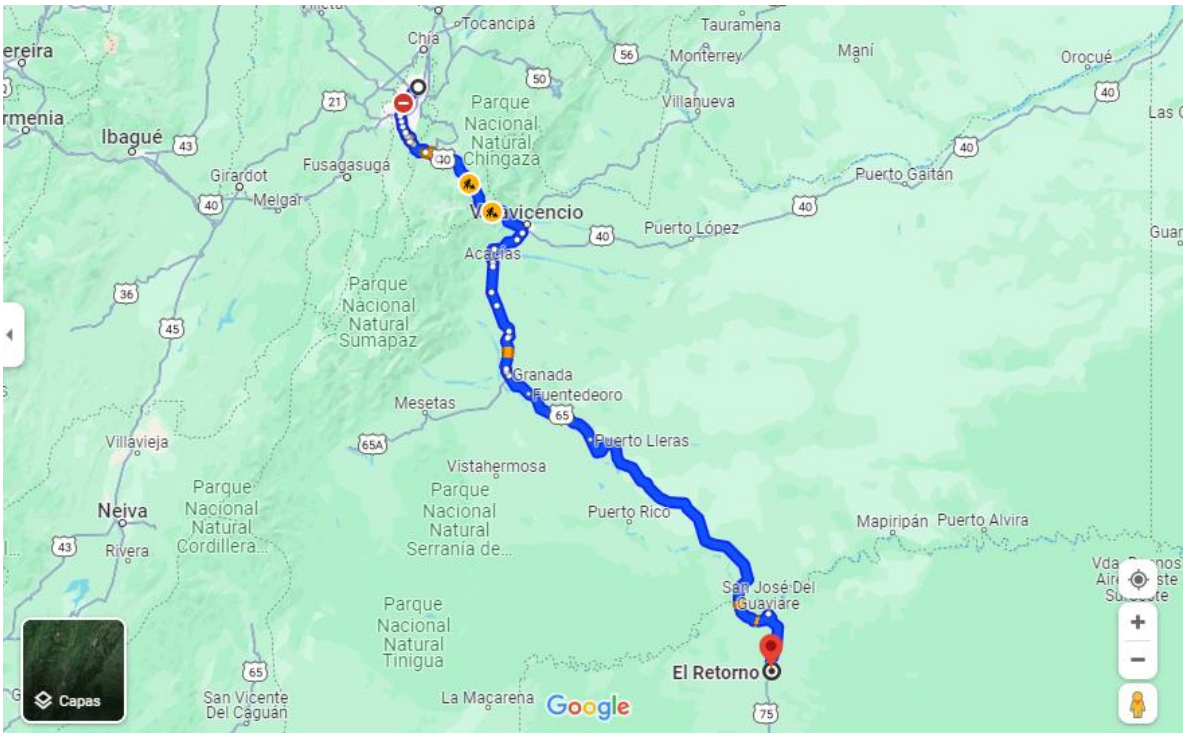
MEMORIAS TECNICAS DE CANTIDADES



El Retorno Guaviare – Centro de gravedad proyecto 22km.

MEMORIAS TECNICAS DE CANTIDADES



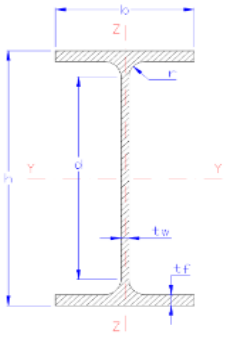
Bogota D.C. – El Retorno Guaviare. 428km

CALCULO DE CANTIDAD DE ANTICORROSIVO

TIPO DE VIGA	Kg*ml	Perimetro Ml	Rendimiento anticorrosivo m2*Gl	Gl*ml	Gl*kg
IPE400	66.3	1.52	22	0.07	0.0010

IPE

CARACTERÍSTICAS DIMENSIONALES Y MECÁNICAS DE LA SERIE



IPE	Dimensiones						Sección	Peso	Propiedades de la Sección					
									Referido al eje y-y			Referido al eje z-z		
	h mm	b mm	t_w mm	t_f mm	r mm	d mm	A cm^2	G Kg/m	Iy cm^4	Wy cm^3	iy cm	Iz cm^4	Wz cm^3	iz cm
IPE 80	80	46	3.8	5.2	5	59.6	7.64	6	80.14	20.03	3.24	8.49	3.69	1.05
IPE 100	100	55	4.1	5.7	7	74.6	10.32	8.1	171	34.2	4.07	15.9	5.79	1.24
IPE 120	120	64	4.4	6.3	7	93.4	13.2	10.4	318	53	4.9	27.7	8.65	1.45
IPE 140	140	73	4.7	6.9	7	112.2	16.4	12.9	541	77.3	5.74	44.9	12.3	1.65
IPE 160	160	82	5	7.4	9	127.2	20.1	15.8	869	109	6.58	68.3	16.7	1.84
IPE 180	180	91	5.3	8	9	146	23.9	18.8	1,320	146	7.42	101	22.2	2.05
IPE 200	200	100	5.6	8.5	12	159	28.5	22.4	1,940	194	8.26	142	28.5	2.24
IPE 220	220	110	5.9	9.2	12	177.6	33.4	26.2	2,770	252	9.11	205	37.3	2.48
IPE 240	240	120	6.2	9.8	15	190.4	39.1	30.7	3,890	324	9.97	284	47.3	2.69
IPE 270	270	135	6.6	10.2	15	219.6	45.9	36.1	5,790	429	11.2	420	62.2	3.02
IPE 300	300	150	7.1	10.7	15	248.6	53.8	42.2	8,360	557	12.5	604	80.5	3.35
IPE 330	330	160	7.5	11.5	18	271	62.6	49.1	11,770	713	13.7	788	98.5	3.55
IPE 360	360	170	8	12.7	18	298.6	72.7	57.1	16,270	904	15	1,040	123	3.79
IPE 400	400	180	8.6	13.5	21	331	84.5	66.3	23,130	1,160	16.5	1,320	146	3.95
IPE 450	450	190	9.4	14.6	21	378.8	98.8	77.6	33,740	1,500	18.5	1,680	176	4.12
IPE 500	500	200	10.2	16	21	426	116	90.7	48,200	1,930	20.4	2,140	214	4.31
IPE 550	550	210	11.1	17.2	24	467.6	134	106	67,120	2,440	22.3	2,670	254	4.45
IPE 600	600	220	12	19	24	514	156	122	92,080	3,070	24.3	3,390	308	4.66