

ELEMENTOS DE CURVAS VERTICALES

Vertical Alignment: RASANTE EJE 1

PVI	Station	Grade Out	Curve Length	
0	0+347.61	0,92%	281.570m	
Vertical Curve Information:(sag curve)				
	PVC Station:	0+206.82	Elevation:	291.025m
	PVI Station:	0+347.61	Elevation:	290.171m
	PVT Station:	0+488.39	Elevation:	291.462m
	Low Point:	0+318.98	Elevation:	290.685m
	Grade in:	-0,61%	Grade out:	0,92%
	Change:	1,52%	K:	184,7268414
	Curve Length:	281.570m		
	Headlight Distance:			
1	1+091.43	2,51%	275.956m	
Vertical Curve Information:(sag curve)				
	PVC Station:	0+953.45	Elevation:	295.727m
	PVI Station:	1+091.43	Elevation:	296.992m
	PVT Station:	1+229.41	Elevation:	300.458m
	Low Point:	0+953.45	Elevation:	295.727m
	Grade in:	0,92%	Grade out:	2,51%
	Change:	1,59%	K:	173,0631769
	Curve Length:	275.956m		
	Headlight Distance:			
2	2+476.03	4,21%	80.000m	
Vertical Curve Information:(sag curve)				
	PVC Station:	2+436.03	Elevation:	330.763m
	PVI Station:	2+476.03	Elevation:	331.768m
	PVT Station:	2+516.03	Elevation:	333.454m
	Low Point:	2+436.03	Elevation:	330.763m
	Grade in:	2,51%	Grade out:	4,21%
	Change:	1,70%	K:	46,96650532
	Curve Length:	80.000m		
	Headlight Distance:			

Vertical Alignment: RASANTE EJE 2

PVI	Station	Grade Out	Curve Length	
0	0+000.00	-4,21%		
1	0+099.34	-2,48%	80.000m	
Vertical Curve Information:(sag curve)				
	PVC Station:	0+059.34	Elevation:	333.453m
	PVI Station:	0+099.34	Elevation:	331.768m
	PVT Station:	0+139.34	Elevation:	330.775m
	Low Point:	0+139.34	Elevation:	330.775m

	Grade in:	-4,21%	Grade out:	-2,48%
	Change:	1,73%	K:	46,23520025
	Curve Length:	80.000m		
	Headlight Distance:			
2	1+498.66	-0,94%	276.538m	
	Vertical Curve Information:(sag curve)			
	PVC Station:	1+360.39	Elevation:	300.473m
	PVI Station:	1+498.66	Elevation:	297.041m
	PVT Station:	1+636.93	Elevation:	295.741m
	Low Point:	1+636.93	Elevation:	295.741m
	Grade in:	-2,48%	Grade out:	-0,94%
	Change:	1,54%	K:	179,3822693
	Curve Length:	276.538m		
	Headlight Distance:			
3	2+229.48	0,73%	270.888m	
	Vertical Curve Information:(sag curve)			
	PVC Station:	2+094.03	Elevation:	291.444m
	PVI Station:	2+229.48	Elevation:	290.171m
	PVT Station:	2+364.92	Elevation:	291.163m
	Low Point:	2+246.27	Elevation:	290.729m
	Grade in:	-0,94%	Grade out:	0,73%
	Change:	1,67%	K:	161,9380388
	Curve Length:	270.888m		
	Headlight Distance:			

Vertical Alignment: RASANTE RTN 1

PVI	Station	Grade Out	Curve Length
0	0+000.00	2,43%	

Vertical Alignment: RASANTE RTN 2

PVI	Station	Grade Out	Curve Length
0	0+000.00	-2,23%	

Vertical Alignment: RASANTE RTN 3

PVI	Station	Grade Out	Curve Length	
0	0+000.00	-2,96%		
1	0+142.94	1,33%	71.050m	
	Vertical Curve Information:(sag curve)			
	PVC Station:	0+107.41	Elevation:	314.240m
	PVI Station:	0+142.94	Elevation:	313.189m
	PVT Station:	0+178.46	Elevation:	313.663m
	Low Point:	0+156.38	Elevation:	313.515m
	Grade in:	-2,96%	Grade out:	1,33%

	Change:	4,29%	K:	16,55496418
	Curve Length:	71.050m		
	Headlight Distance:	138.425m		
2	0+356.87			

Vertical Alignment: RASANTE RTN 4

PVI	Station	Grade Out	Curve Length	
0	0+000.00	3,37%		
1	0+136.16	-1,41%	80.000m	
	Vertical Curve Information:(crest curve)			
	PVC Station:	0+096.16	Elevation:	327.969m
	PVI Station:	0+136.16	Elevation:	329.316m
	PVT Station:	0+176.16	Elevation:	328.753m
	High Point:	0+152.55	Elevation:	328.919m
	Grade in:	3,37%	Grade out:	-1,41%
	Change:	4,78%	K:	16,74676191
	Curve Length:	80.000m		
	Passing Distance:	363.707m	Stopping Distance:	179.119m
2	0+356.87			