

**ESTUDIOS Y DISEÑOS DEFINITIVOS PARA LA REHABILITACIÓN DE LA VÍA E30-PEDRO VELEZ-CARLOS JULIO AROSEMENA, UBICADA EN EL CANTÓN EL EMPALME DE LA PROVINCIA DEL GUAYAS.**

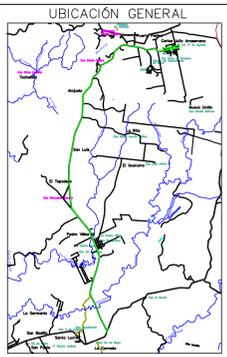
CONTIENE: **DISEÑO GEOMÉTRICO PLANTA Y PERFIL 14+000 HASTA 15+000**

PREFECHA: **MSC. SUSANA GONZALEZ** SUBSECCION: **EL CANTÓN EL EMPALME**

ELABORADO: **ADMINISTRACION 2019 - 2023**

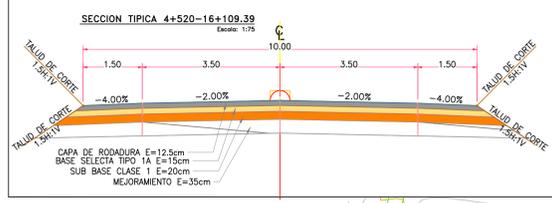
REVISADO: **ING. VICTOR GONZALEZ FRANCO** APROBADO: **ING. JORGE CABRERO TORRES**

INDICADAS: **MAYO/2022** FECHA: **15/17**



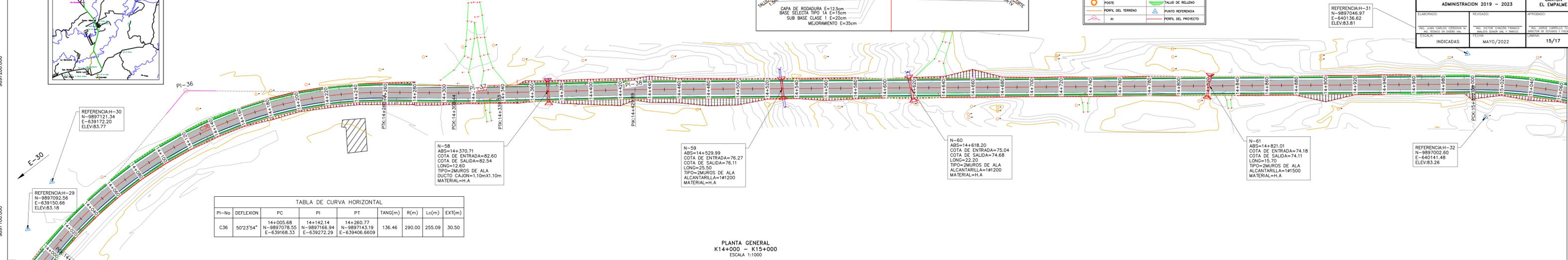
**TABLA DE CURVA HORIZONTAL**

PI-No	DEFLEXION	PC	PI	PT	TANG(m)	R(m)	Lc(m)	EXT(m)
C37	1°46'11"	14+308.47 N=9897134.88 E=639453.63	14+323.92 N=9897132.19 E=639468.84	14+339.36 N=9897129.97 E=639484.1310	15.45	1000.00	30.89	0.12



**SIMBOLOGIA**

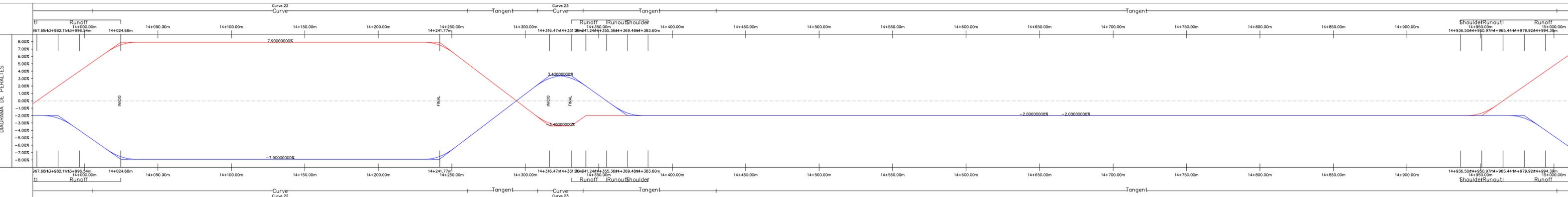
---	E.E. DE VIA	---	CURVA C/2m
---	BORDE DE VIA	---	ABOSADO
---	ESPALDON	---	CASA/BOVEDAS/CABAÑAS
---	ALCANTARILLA NUEVA	---	HORTE PLANTA
---	MA EXISTENTE	---	TALUD DE CORTE
---	CANAL EXISTENTE	---	TALUD DE RELLENO
---	POSTE	---	PUNTO REFERENCIAL
---	PERFIL DEL TERRENO	---	PERFIL DEL PROYECTO



**TABLA DE CURVA HORIZONTAL**

PI-No	DEFLEXION	PC	PI	PT	TANG(m)	R(m)	Lc(m)	EXT(m)
C36	50°23'54"	14+005.68 N=9897078.55 E=639168.33	14+142.14 N=9897166.94 E=639272.29	14+260.77 N=9897143.19 E=639406.6609	136.46	290.00	255.09	30.50

**PLANTA GENERAL K14+000 - K15+000**  
ESCALA 1:1000



**PERFIL LONGITUDINAL**  
ESCALA H 1:1000  
V 1:100

ABSCISADO	TERRENO	PROYECTO	CORTE	TERRAPLEN
14+000.00	82.092	83.023	0.93	0.93
14+020.00	82.394	83.280	0.89	0.89
14+040.00	82.685	83.507	0.82	0.82
14+060.00	82.861	83.727	0.87	0.87
14+080.00	83.066	83.947	0.88	0.88
14+100.00	83.425	84.167	0.74	0.74
14+120.00	83.794	84.387	0.59	0.59
14+140.00	84.091	84.607	0.52	0.52
14+160.00	84.358	84.827	0.47	0.47
14+180.00	84.633	85.047	0.41	0.41
14+200.00	84.901	85.267	0.37	0.37
14+220.00	85.219	85.488	0.27	0.27
14+240.00	85.435	85.690	0.25	0.25
14+260.00	85.592	85.790	0.21	0.21
14+280.00	85.705	85.777	0.07	0.07
14+300.00	85.679	85.650	0.03	0.03
14+320.00	85.409	85.410	0.00	0.00
14+340.00	84.954	85.057	0.10	0.10
14+360.00	84.503	84.607	0.10	0.10
14+380.00	84.039	84.147	0.11	0.11
14+400.00	83.632	83.686	0.05	0.05
14+420.00	83.215	83.225	0.01	0.01
14+440.00	82.694	82.765	0.07	0.07
14+460.00	82.180	82.304	0.12	0.12
14+480.00	81.613	81.843	0.23	0.23
14+500.00	81.112	81.383	0.27	0.27
14+520.00	80.563	80.922	0.36	0.36
14+540.00	80.100	80.461	0.36	0.36
14+560.00	79.662	80.001	0.34	0.34
14+580.00	79.199	79.540	0.34	0.34
14+600.00	78.634	79.079	0.45	0.45
14+620.00	78.105	78.619	0.51	0.51
14+640.00	77.639	78.158	0.52	0.52
14+660.00	77.067	77.751	0.68	0.68
14+680.00	76.700	77.432	0.73	0.73
14+700.00	76.515	77.203	0.69	0.69
14+720.00	76.247	77.039	0.79	0.79
14+740.00	76.120	76.899	0.78	0.78
14+760.00	76.140	76.799	0.66	0.66
14+780.00	76.160	76.739	0.58	0.58
14+800.00	76.127	76.719	0.59	0.59
14+820.00	76.116	76.739	0.62	0.62
14+840.00	76.110	76.729	0.69	0.69
14+860.00	76.217	76.899	0.68	0.68
14+880.00	76.334	77.038	0.70	0.70
14+900.00	76.463	77.218	0.75	0.75
14+920.00	76.521	77.437	0.92	0.92
14+940.00	76.780	77.677	0.90	0.90
14+960.00	76.959	77.916	0.96	0.96
14+980.00	77.281	78.156	0.87	0.87
15+000.00	77.569	78.395	0.83	0.83
15+020.00	77.830	78.635	0.80	0.80
15+040.00	77.852	78.874	1.02	1.02