

DATOS DE PROYECTO

CAMINO TIPO ARTESANAL

VELOCIDAD DE PROYECTO

30 km/h

ANCHO DE CORONA

5.00 m.

ANCHO DE CALZADA

5.00 m.

CURVATURA MÁXIMA

0.0000°

PENDIENTE MÁXIMA

12.00 %

PENDIENTE CORRICTORA

0.00 %

EN EL PRESENTE PROYECTO SE APLICARÁ LA NORMATIVIDAD S.C.T. SIGUIENTE :

CAPÍTULO

001. MANEJO DE LA PASADIZO

002. MANEJO DE GUARDEROS

003. MANEJO DE PASADIZOS

004. MANEJO DE PASADIZOS

005. MANEJO DE PASADIZOS

006. MANEJO DE PASADIZOS

007. MANEJO DE PASADIZOS

008. MANEJO DE PASADIZOS

009. MANEJO DE PASADIZOS

010. MANEJO DE PASADIZOS

011. MANEJO DE PASADIZOS

012. MANEJO DE PASADIZOS

SECCION TIPO

SIN ESCALA

SIMBOLOGIA

BANCOS DE NIVEL

EJE DE CAMINO EXISTENTE

OBRA DE DRENAJE

NUMERO DE CURVA

KILOMETRAJE

POSTE DE C.F.E.

TIPO DE PAVIMENTO

DERECHO DE VIA

PAVIMENTO EXISTENTE

CURVA DE NIVEL ORDINARIA

CURVA DE NIVEL MAESTRA A CADA 1 MTS

Camino: CONSTRUCCION DE LA CARRETERA SIN NOMBRE CON CONCRETO HIDRAULICO DE SANTA LUCIA OCOITLAN - EL PORVENIR

Tramo: DEL KM. 0+000.00 AL KM. 5+300.00

Subramo: DEL KM. 2+000.00 AL KM. 3+000.00

PLANTA TOPOGRAFICA

DEL KM. 2+000.00 AL KM. 3+000.00

PROYECTO:

REVISÓ:

Jefe de la Unidad de Estudios y Proyectos

Director de Proyectos y Control de Calidad

El Director General

Ing. Jairo Ramirez Reyes

Ing. Jairo Torres Hernandez

Ing. Moser Salazar Martinez

Logo of Caminos Bienestar

CAMINOS BIENESTAR

2024

Escala 1:1000

Plano 1 DE 1

CURVA	TE o PC			EC			PI o PST			GE			ET o PT		
	N	E		N	E		N	E		N	E		N	E	
1	2+000.61						2+000.00						2+010.51		
2	1851393.6	748172.03					1851395.01	748168.7					1851384.56	748183.06	
3	2+075.69						2+086.19						2+096.66		
4	1851339.12	748218.2					1851330.68	748224.61					1851325.09	748233.62	
5	2+129.16						2+141.13						2+153.07		
6	1851307.91	748261.34					1851301.6	748271.51					1851294.08	748280.82	
7	2+252.40						2+263.86						2+275.32		
8	1851231.61	748358.05					1851224.4	748366.96					1851216.65	748375.57	
9	2+325.80						2+338.62						2+351.31		
10	1851183.56	748413.52					1851142.13	748460.75					1851105.11	748512.22	
11	2+462.28						2+475.87						2+489.39		
12	1851042.49	748503.14					1851030.69	748520.01					1851021.42	748538.39	
13	2+535.22						2+548.30						2+561.38		
14	1851007.09	748566.81					1850993.09	748594.56					1850962.6	748638.39	
15	2+704.17						2+717.47						2+730.75		
16	1850847.11	748655.46					1850831.39	748679.58					1850804.9	748707.18	
17	2+828.80						2+842.48						2+856.16		
18	1850874.22	748717.97					1850860.75	748804.73					1850839.25	748836.04	
19	2+943.41						2+958.39						2+973.37		
20	1850780.52	748782.58					1850753.65	748775.16					1850725.96	748773.06	
21	3+003.79						3+018.27						3+032.75		
22	1850712.09	748772.02					1850689.69	748770.33					1850663.73	748767.92	

REGISTRO DE CÁLCULO DE COORDENADAS DEL TRAZO																
CARRETERA: SANTA LUCIA OCOITLAN - EL PORVENIR																
TRAMO: DEL KM 0+000.00 AL KM 5+300.00																
SUBTRAMO: DEL KM 2+000.00 AL KM 3+000.00																
ORDEN: 0+000 SANTA LUCIA OCOITLAN																
ESTACIÓN	PUNTO OBSERVADO	SUBTANGENTE ATRÁS	TANGENTE ADELANTE	DISTANCIA	DEFLEXIONES		RUMBO	PROYECCIONES				COORDENADAS				
					+	-		+ N	- S	+ E	- W	NORTE	ESTE			
2+000.00	2+011.23	0.000	203.910	7.620	2011.230		S 87° 51' 26.00" W	0.38339	0.59367	0.000	785.078	0.000	1851674	1853639.835	748317.033	
2+011.23	2+036.19	7.620	57.060	10.004	75.384		N 87° 11' 12.18" W	0.11863	0.99594	8.854	0.000	747.725	1853919.868	748342.238		
2+036.19	2+141.13	10.004	38.600	11.996	66.172		S 79° 50' 34.40" W	0.24458	0.99893	0.000	13.494	0.000	53.496	1853935.374	748188.785	
2+141.13	2+253.86	11.996	99.330	11.460	122.786		S 89° 02' 50.80" W	0.12162	0.99858	0.000	14.930	0.000	121.847	1853950.444	748066.916	
2+253.86	2+365.62	11.460	50.460	62.621	124.781		S 89° 16' 21.19" W	0.09184	0.99965	0.000	10.210	0.000	124.343	1853959.234	748042.574	
2+365.62	2+452.87	62.621	110.970	29.962	194.363		S 72° 01' 48.38" W	0.19029	0.99173	0.000	36.060	0.000	180.881	1853943.344	748079.143	
2+452.87	2+460.30	29.962	31.830	31.064	83.506		S 70° 48' 27.53" W	0.32874	0.94442	0.000	27.462	0.000	78.885	1853935.760	748072.876	
2+460.30	2+734.47	31.064	10.790	30.298	77.172		N 34° 45' 27.88" W	0.82157	0.57011	63.402	0.000	0.000	43.896	1853979.186	748028.862	
2+734.47	2+862.48	30.298	103.490	32.873	166.451		S 68° 20' 36.79" W	0.38916	0.92977	0.000	61.270	0.000	154.761	1853971.910	748044.121	
2+862.48	2+962.29	32.873	95.625	27.875	156.373		N 30° 30' 57.27" W	0.86140	0.50778	134.719	0.000	0.000	106.855	1853972.853	748037.863	
2+962.29	3+038.27	27.875	110.500	22.471	160.845		N 41° 37' 51.20" W	0.74744	0.66433	120.223	0.000	0.000	106.855	1853972.853	748037.863	
3+038.27	3+100.00	22.471	179.905	13.115	219.491		S 59° 25' 12.40" W	0.53874	0.88932	0.000	108.628	0.000	185.531	1853965.224	748102.345	

REFERENCIAS DEL EJE DE TRAZO

REGISTRO DE CÁLCULO DE CURVAS HORIZONTALES															
CARRETERA: SANTA LUCIA OCOITLAN - EL PORVENIR															
TRAMO: DEL KM 0+000.00 AL KM 5+300.00															
SUBTRAMO: DEL KM 2+000.00 AL KM 3+000.00															
ORDEN: 0+000 SANTA LUCIA OCOITLAN															
CURVA	PI	PC	PT	ST	Lc	Rc	Gc	ST	Lc	Rc	Gc	ST	Lc	Rc	Gc
1	2+011.23	2+011.23	2+011.23	2+011.23	2+011.23	2+011.23	2+011.23	2+011.23	2+011.23	2+011.23	2+011.23	2+011.23	2+011.23	2+011.23	2+011.23
2	2+036.19	2+036.19	2+036.19	2+036.19	2+036.19	2+036.19	2+036.19	2+036.19	2+036.19	2+036.19	2+036.19	2+036.19	2+036.19	2+036.19	2+036.19
3	2+141.13	2+141.13	2+141.13	2+141.13	2+141.13	2+141.13	2+141.13	2+141.13	2+141.13	2+141.13	2+141.13	2+141.13	2+141.13	2+141.13	2+141.13
4	2+253.86	2+253.86	2+253.86	2+253.86	2+253.86	2+253.86	2+253.86	2+253.86	2+253.86	2+253.86	2+253.86	2+253.86	2+253.86	2+253.86	2+253.86
5	2+365.62	2+365.62	2+365.62	2+365.62	2+365.62	2+365.62	2+365.62	2+365.62	2+365.62	2+365.62	2+365.62	2+365.62	2+365.62	2+365.62	2+365.62
6	2+452.87	2+452.87	2+452.87	2+452.87	2+452.87	2+452.87	2+452.87	2+452.87	2+452.87	2+452.87	2+452.87	2+452.87	2+452.87	2+452.87	2+452.87
7	2+734.47	2+734.47	2+734.47	2+734.47	2+734.47	2+734.47	2+734.47	2+734.47	2+734.47	2+734.47	2+734.47	2+734.47	2+734.47	2+734.47	2+734.47
8	2+862.48	2+862.48	2+862.48	2+862.48	2+862.48	2+862.48	2+862.48	2+862.48	2+862.48	2+862.48	2+862.48	2+862.48	2+862.48	2+862.48	2+862.48
9	2+962.29	2+962.29	2+962.29	2+962.29	2+962.29	2+962.29	2+962.29	2+962.29	2+962.29	2+962.29	2+962.29	2+962.29	2+962.29	2+962.29	2+962.29
10	3+038.27	3+038.27	3+038.27	3+038.27	3+038.27	3+038.27	3+038.27	3+038.27	3+038.27	3+038.27	3+038.27	3+038.27	3+038.27	3+038.27	3+038.27
11	3+100.00	3+100.00	3+100.00	3+100.00	3+100.00	3+100.00	3+100.00	3+100.00	3+100.00	3+100.00	3+100.00	3+100.00	3+100.00	3+100.00	3+100.00

2024

Escala 1:1000

Plano 1 DE 1