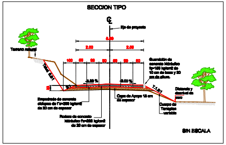
DATOS DE PROYECTO

CAMINO TIPO " ARTESANAL "

VELOCIDAD DE PROYECTO	ANCHO DE CORONA	ANCHO DE CALZADA
20 km/h	6.00 m.	5.00 m.
CURVATURA MAXIMA	**PENDIENTE MAXIMA**	**PENDIENTE GOBERNADORA**
[illegible]	12.00 %	[illegible]

SECCION TIPO



Eje de proyecto
6.00
2.50
2.50
Terreno Natural
Talud 0.5:1
-2.00 %
-2.00 %
Guarnición de concreto hidráulico f'c=150 kg/cm2 de 10 cm de base y 20 cm de altura.
Empedrado de concreto ciclópeo de f'c=200 kg/cm2 de 20 cm de espesor
Capa de Apoyo 15 cm de espesor
Rodera de concreto hidráulico f'c=200 kg/cm2 de 20 cm de espesor
Cuerpo de Terraplen variable
Talud 1.5:1
SIN ESCALA

S I M B O L O G I A :

ARC = AREA REBAJE DE CORONA
ACA = AREA DE CORTE ADICIONAL
ADC = AREA DESPALME DE CORTE
ATE = AREA DE TERRAPLEN
ADT = AREA DE DESPALME DE TERRAPLEN
ACS = AREA CUÑA DE SOBREANCHO
ASR = AREA DE SUBRASANTE
ABA = AREA DE BASE
ACR = AREA DE CARPETA
CCC = COMPACT. DE LA CAJA DE CORTE

ETN = ELEVACION TERRENO NATURAL
ESR = ELEVACIÓN SUBRRASANTE
DHI = DISTANCIA HOMBRO IZQ.
DHE = DISTANCIA HOMBRO DER.
EHI = ELEVACION HOMBRO IZQ.
EHD = ELEVACION HOMBRO DER.
SEI = SOBRE ELEVACION IZQUIERDA
SED = SOBRE ELEVACION DERECHA
ESP. CORT. = ESPESOR DE CORTE
ESP. TER. = ESPESOR DE TERRAPLEN

Camino: CONSTRUCCIÓN DE PAVIMENTO DE CONCRETO HIDRAULICO DEL CAMINO SIN NOMBRE (SAN MARTÍN TOXPALAN - CAPULTITLA) TRAMO DEL KM 0+000 AL KM 12+900, SUBTRAMO DEL KM 5+000 AL KM 6+300, EN LOS MUNICIPIOS DE SAN MARTÍN TOXPALAN Y TEOTITLÁN DE FLORES MAGÓN.

SECCIONES DE CONSTRUCCION DEL KM. 5+000.00 AL KM. 5+793.77

PROYECTO:

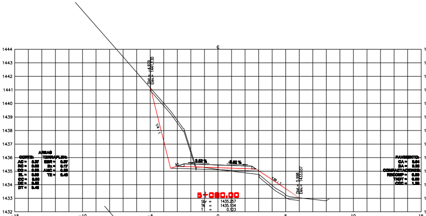
DIRECCION DE PROYECTOS Y CONTROL DE CALIDAD

REVISÓ:

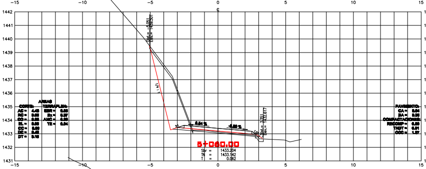
CAMINOS BIENESTAR

JEFE DE LA UNIDAD DE ESTUDIOS Y PROYECTOS	DIRECTOR DE PROYECTOS Y CONTROL DE CALIDAD	EL DIRECTOR GENERAL
Cédula Profesional [illegible] ING. JAIRO RAMIREZ REYES	Cédula Profesional [illegible] ING. ALVARO PEREZ HERNANDEZ	ING. MOISES SALAZAR MARTINEZ

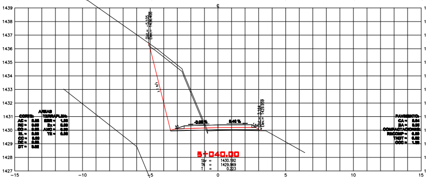
2025	Escala 1:100	Plano 1 DE 2


5+080.00

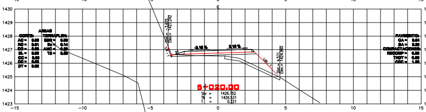
Sbr = 1435.257
TN = 1435.134
T = 0.123


5+060.00

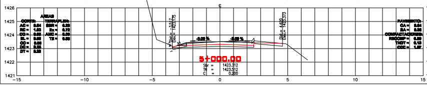
Sbr = 1433.204
TN = 1433.142
T = 0.062


5+040.00

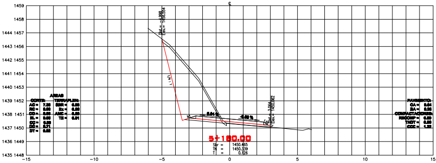
Sbr = 1430.192
TN = 1429.969
T = 0.223


5+020.00

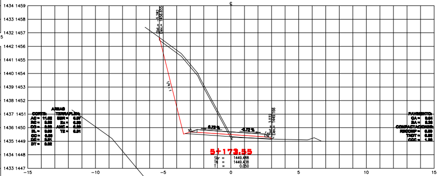
Sbr = 1426.752
TN = 1426.531
T = 0.221


5+000.00

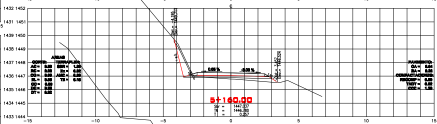
Sbr = 1423.312
TN = 1423.512
C = 0.200


5+180.00

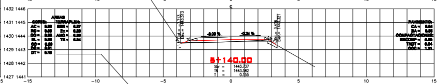
Sbr = 1450.465
TN = 1450.339
T = 0.126


5+173.55

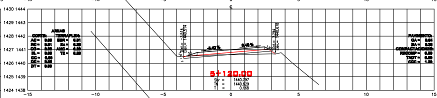
Sbr = 1449.488
TN = 1449.438
T = 0.050


5+160.00

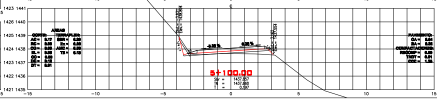
Sbr = 1447.037
TN = 1446.780
T = 0.257


5+140.00

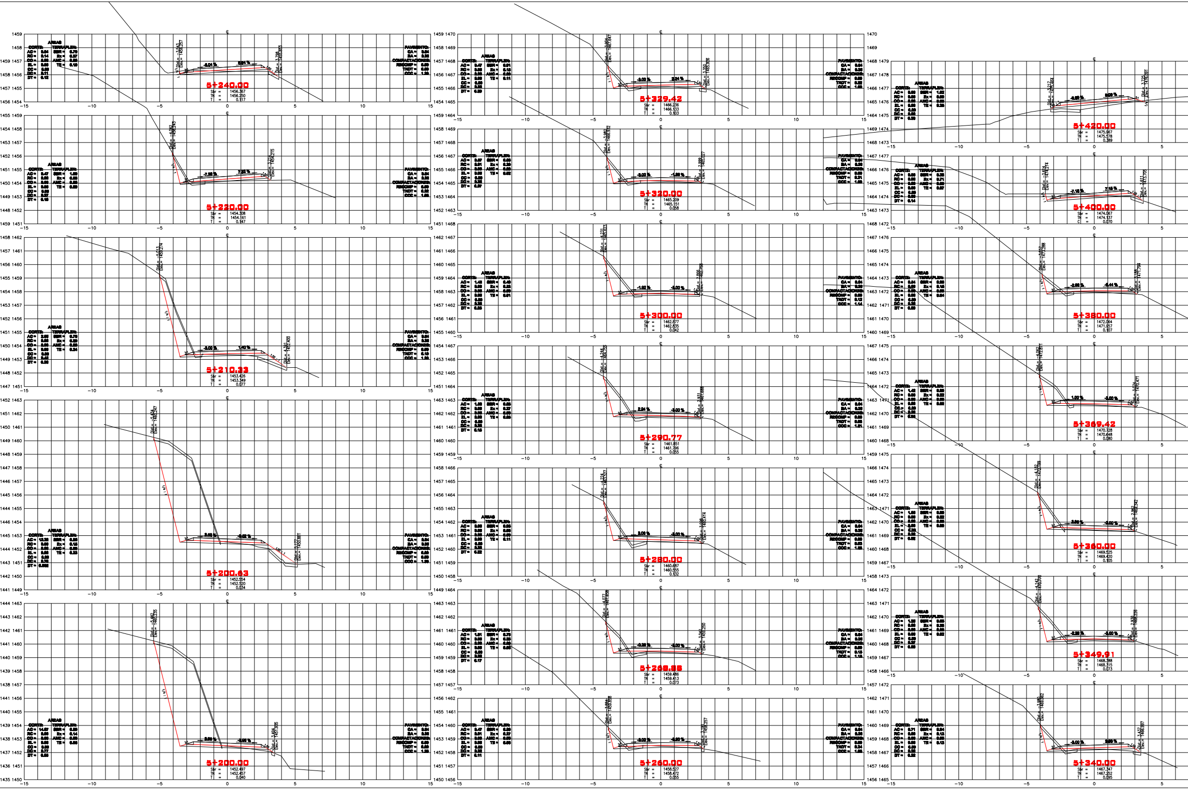
Sbr = 1443.737
TN = 1443.582
T = 0.155

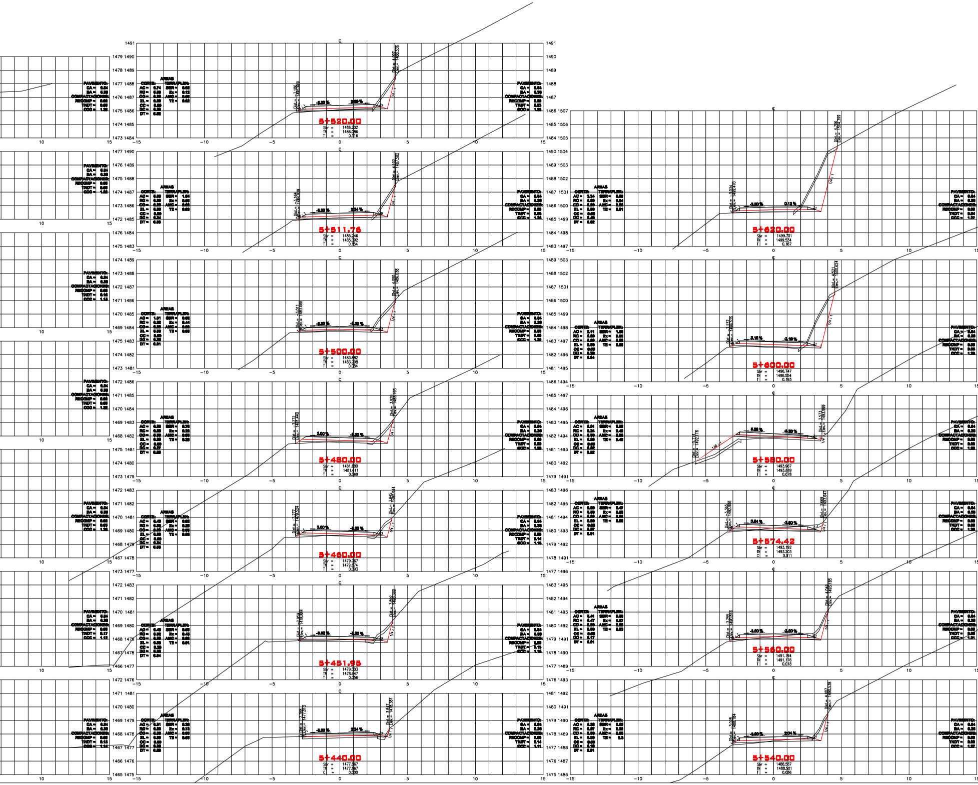

5+120.00

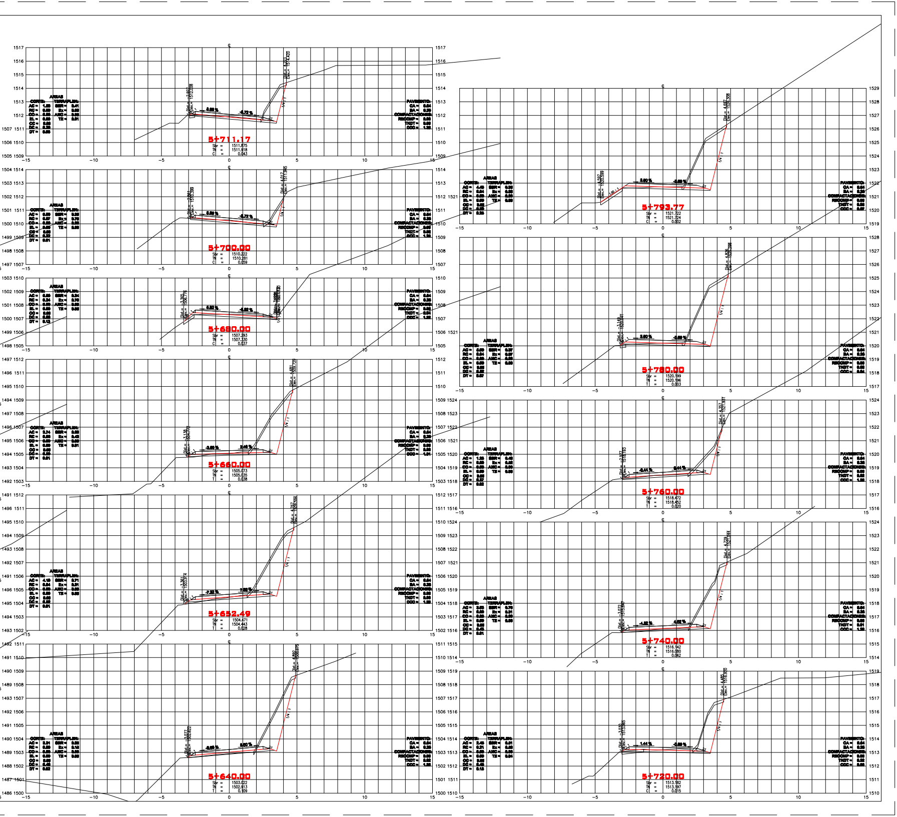
Sbr = 1440.797
TN = 1440.629
T = 0.168


5+100.00

Sbr = 1437.857
TN = 1437.660
T = 0.197


AREAS
CORTE:
TERRAPLEN:
PAVIMENTO:
COMPACTACIONES:
5+240.00
Sbr = 1456.367
TN = 1456.250
T = 0.117
5+220.00
Sbr = 1454.308
TN = 1454.161
T = 0.147
5+210.33
Sbr = 1453.426
TN = 1453.349
T = 0.077
5+200.63
Sbr = 1452.554
TN = 1452.520
T = 0.034
5+200.00
Sbr = 1452.497
TN = 1452.457
T = 0.040
5+329.42
Sbr = 1466.236
TN = 1466.133
T = 0.103
5+320.00
Sbr = 1465.209
TN = 1465.151
T = 0.058
5+300.00
Sbr = 1462.877
TN = 1462.835
T = 0.042
5+290.77
Sbr = 1461.851
TN = 1461.796
T = 0.055
5+280.00
Sbr = 1460.687
TN = 1460.555
T = 0.132
5+268.88
Sbr = 1459.486
TN = 1459.413
T = 0.073
5+260.00
Sbr = 1458.527
TN = 1458.472
T = 0.055
5+420.00
Sbr = 1475.967
TN = 1475.578
T = 0.389
5+400.00
Sbr = 1474.067
TN = 1474.137
C = 0.070
5+380.00
Sbr = 1472.064
TN = 1471.957
T = 0.107
5+369.42
Sbr = 1470.728
TN = 1470.648
T = 0.080
5+360.00
Sbr = 1469.525
TN = 1469.420
T = 0.105
5+349.91
Sbr = 1468.388
TN = 1468.315
T = 0.073
5+340.00
Sbr = 1467.347
TN = 1467.252
T = 0.095
−15
−10
−5
0
5
10
15


5+520.00
Sbr = 1486.202
TN = 1486.086
T = 0.116
5+511.76
Sbr = 1485.246
TN = 1485.092
T = 0.154
5+500.00
Sbr = 1483.882
TN = 1483.798
T = 0.084
5+480.00
Sbr = 1481.680
TN = 1481.611
T = 0.069
5+460.00
Sbr = 1479.767
TN = 1479.674
T = 0.093
5+451.95
Sbr = 1479.003
TN = 1478.947
T = 0.056
5+440.00
Sbr = 1477.867
TN = 1477.867
C = 0.000
5+620.00
Sbr = 1499.701
TN = 1499.534
T = 0.167
5+600.00
Sbr = 1496.747
TN = 1496.554
T = 0.193
5+580.00
Sbr = 1493.967
TN = 1493.889
T = 0.078
5+574.42
Sbr = 1493.192
TN = 1493.203
C = 0.011
5+560.00
Sbr = 1491.194
TN = 1491.176
T = 0.018
5+540.00
Sbr = 1488.587
TN = 1488.501
T = 0.086
AREAS
CORTE:
TERRAPLEN:
PAVIMENTO:
CA =
BA =
COMPACTACIONES:
RECOMP =
TNDT =
CCC =
-3.00 %
3.00 %
2.24 %
1/4 : 1
1.5 : 1
-15
-10
-5
0
5
10
15


5+711.17
Sbr = 1511.875
TN = 1511.918
C = 0.043
5+700.00
Sbr = 1510.222
TN = 1510.281
C = 0.059
5+680.00
Sbr = 1507.293
TN = 1507.330
C = 0.037
5+660.00
Sbr = 1505.073
TN = 1505.035
T = 0.038
5+652.49
Sbr = 1504.471
TN = 1504.443
T = 0.028
5+640.00
Sbr = 1503.022
TN = 1502.913
T = 0.109
5+793.77
Sbr = 1521.722
TN = 1521.724
C = 0.002
5+780.00
Sbr = 1520.199
TN = 1520.196
T = 0.003
5+760.00
Sbr = 1518.472
TN = 1518.452
T = 0.020
5+740.00
Sbr = 1516.142
TN = 1516.080
T = 0.062
5+720.00
Sbr = 1513.182
TN = 1513.197
C = 0.015
AREAS
CORTE:
TERRAPLEN:
PAVIMENTO:
COMPACTACIONES:
1/4 : 1
-15
-10
-5
0
5
10
15