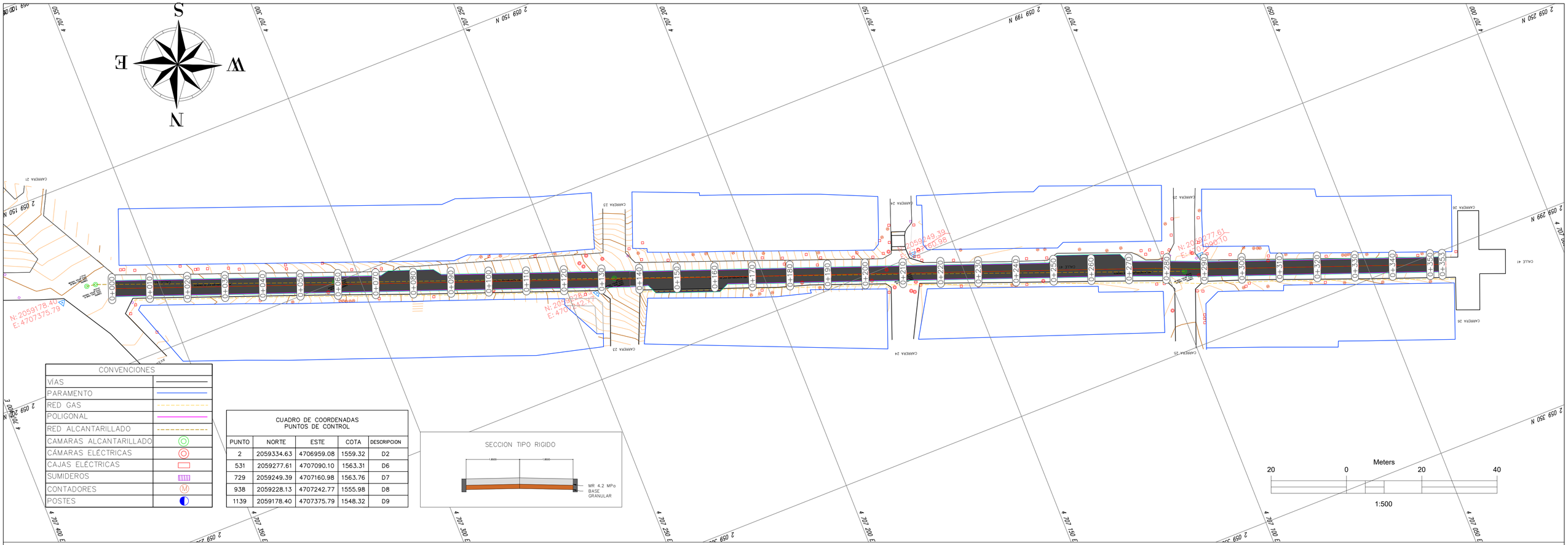


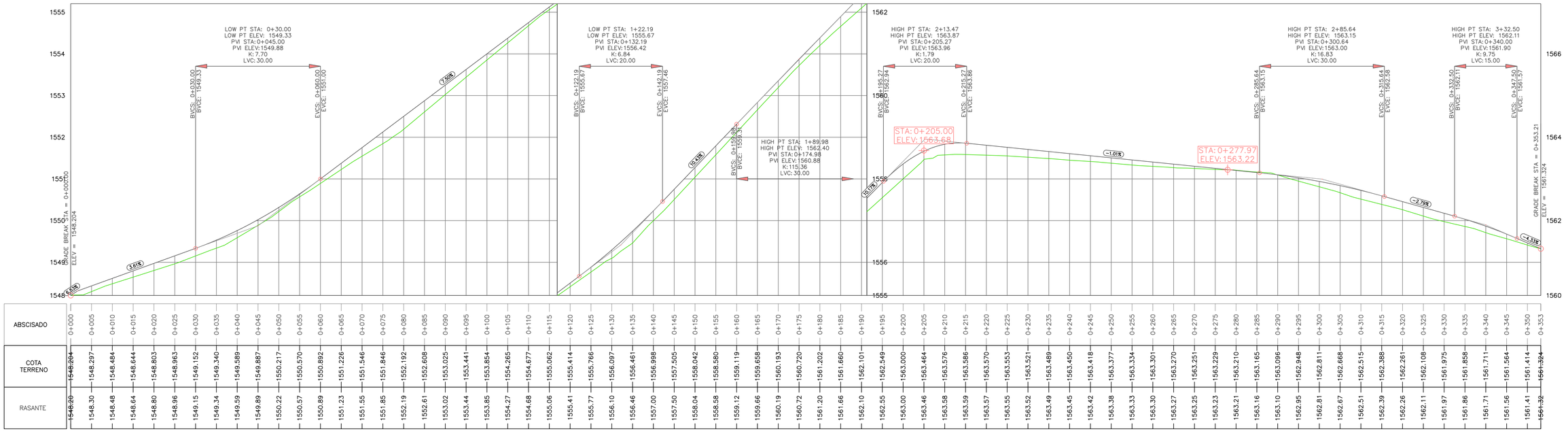
CONVENCIONES	
VÍAS	
PARAMENTO	
RED GAS	
POLIGONAL	
RED ALCANTARILLADO	
CAMARAS ALCANTARILLADO	
CÁMARAS ELÉCTRICAS	
CAJAS ELÉCTRICAS	
SUMIDEROS	
CONTADORES	
POSTES	

CUADRO DE COORDENADAS
PUNTOS DE CONTROL

PUNTO	NORTE	ESTE	COTA	DESCRIPCION
2	2059334.63	4706959.08	1559.32	D2
531	2059277.61	4707090.10	1563.31	D6
729	2059249.39	4707160.98	1563.76	D7
938	2059228.13	4707242.77	1555.98	D8
1139	2059178.40	4707375.79	1548.32	D9

SECCION TIPO RIGIDO

PERFIL CARRERA 24



ABSCISADO	COTA TERRENO	RASANTE
0+000	1548.204	1548.20
0+005	1548.297	1548.30
0+010	1548.484	1548.48
0+015	1548.644	1548.64
0+020	1548.803	1548.80
0+025	1548.963	1548.96
0+030	1549.152	1549.15
0+035	1549.340	1549.34
0+040	1549.589	1549.59
0+045	1549.887	1549.89
0+050	1550.217	1550.22
0+055	1550.570	1550.57
0+060	1550.892	1550.89
0+065	1551.226	1551.23
0+070	1551.546	1551.55
0+075	1551.846	1551.85
0+080	1552.192	1552.19
0+085	1552.608	1552.61
0+090	1553.025	1553.02
0+095	1553.441	1553.44
0+100	1553.854	1553.85
0+105	1554.265	1554.27
0+110	1554.677	1554.68
0+115	1555.062	1555.06
0+120	1555.414	1555.41
0+125	1555.766	1555.77
0+130	1556.097	1556.10
0+135	1556.461	1556.46
0+140	1556.998	1557.00
0+145	1557.505	1557.50
0+150	1558.042	1558.04
0+155	1558.580	1558.58
0+160	1559.119	1559.12
0+165	1559.658	1559.66
0+170	1560.193	1560.19
0+175	1560.720	1560.72
0+180	1561.202	1561.20
0+185	1561.660	1561.66
0+190	1562.101	1562.10
0+195	1562.549	1562.55
0+200	1563.000	1563.00
0+205	1563.464	1563.46
0+210	1563.576	1563.58
0+215	1563.586	1563.59
0+220	1563.570	1563.57
0+225	1563.553	1563.55
0+230	1563.521	1563.52
0+235	1563.489	1563.49
0+240	1563.450	1563.45
0+245	1563.418	1563.42
0+250	1563.377	1563.38
0+255	1563.334	1563.33
0+260	1563.301	1563.30
0+265	1563.270	1563.27
0+270	1563.251	1563.25
0+275	1563.229	1563.23
0+280	1563.210	1563.21
0+285	1563.165	1563.16
0+290	1563.096	1563.10
0+295	1562.948	1562.95
0+300	1562.811	1562.81
0+305	1562.668	1562.67
0+310	1562.515	1562.51
0+315	1562.388	1562.39
0+320	1562.261	1562.26
0+325	1562.108	1562.11
0+330	1561.975	1561.97
0+335	1561.858	1561.86
0+340	1561.711	1561.71
0+345	1561.564	1561.56
0+350	1561.414	1561.41
0+353	1561.324	1561.32

ENTIDAD CONTRATANTE: ALCALDIA DE CALARCÁ

Alcaldía de Calarcá

FIRMA CONSULTORA:

CSN Consultores Solano Navas

SGS Certificado COS-1817

PROYECTO:

ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCION, ADECUACION Y/O REHABILITACION DE VIAS EN EL MUNICIPIO DE CALARCA

DIBUJO: TOPOGRAFO. JORGE EDUARDO HERNANDEZ LOPEZ
LP-N° 01-22384

DISEÑO: ING. MARCO ANTONIO SOLANO VARGAS
MP.68202032815TD

SUPERVISOR: -

CONTIENE: PLANTA - PERFIL
(K0+000 - K0+353)
DISEÑO GEOMETRICO

REVISIONES

No.	Fecha:	OBSERVACIONES	Responsable

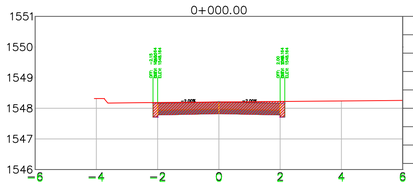
LOCALIZACIÓN: VIA PRIMARIA
CALLE 41 ENTRE CARRERA 21 Y 26
DEPARTAMENTO DEL QUINDÍO

ESCALA: PLANTA: 1:500
PERFIL: V: 1:50
H: 1:500

FECHA: JULIO 2025

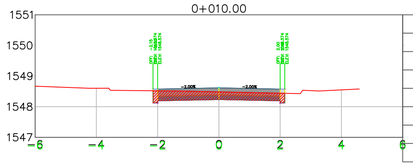
PLANO: 1 / 3

0+000.00



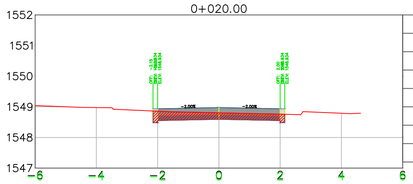
Total Volume at Station 0+000.00	
Cut Area	1.75
Fill Area	0.00
Cut Vol	0.00
Fill Vol	0.00
Cum Cut Vol	0.00
Cum Fill Vol	0.00
Net Vol	0.00

0+010.00



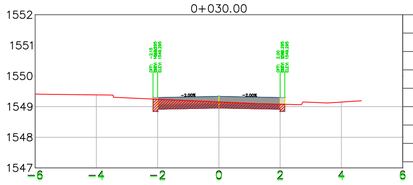
Total Volume at Station 0+010.00	
Cut Area	1.18
Fill Area	0.00
Cut Vol	14.65
Fill Vol	0.00
Cum Cut Vol	14.65
Cum Fill Vol	0.00
Net Vol	14.65

0+020.00



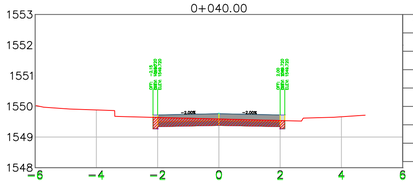
Total Volume at Station 0+020.00	
Cut Area	1.02
Fill Area	0.00
Cut Vol	11.00
Fill Vol	0.00
Cum Cut Vol	25.64
Cum Fill Vol	0.00
Net Vol	25.64

0+030.00



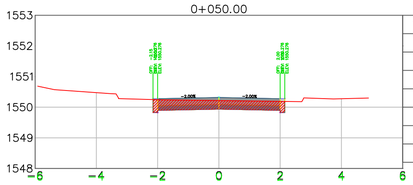
Total Volume at Station 0+030.00	
Cut Area	0.97
Fill Area	0.00
Cut Vol	9.92
Fill Vol	0.00
Cum Cut Vol	35.57
Cum Fill Vol	0.00
Net Vol	35.57

0+040.00



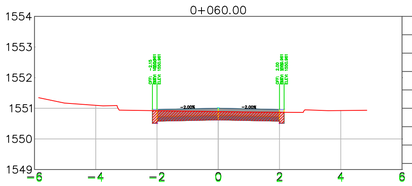
Total Volume at Station 0+040.00	
Cut Area	1.01
Fill Area	0.00
Cut Vol	9.90
Fill Vol	0.00
Cum Cut Vol	45.47
Cum Fill Vol	0.00
Net Vol	45.47

0+050.00



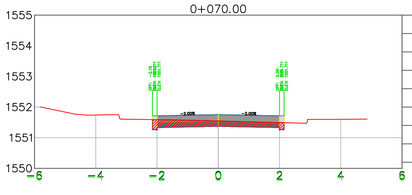
Total Volume at Station 0+050.00	
Cut Area	1.32
Fill Area	0.00
Cut Vol	11.66
Fill Vol	0.00
Cum Cut Vol	57.12
Cum Fill Vol	0.00
Net Vol	57.12

0+060.00



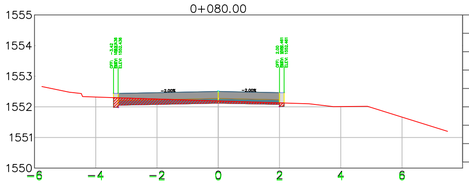
Total Volume at Station 0+060.00	
Cut Area	1.28
Fill Area	0.00
Cut Vol	13.02
Fill Vol	0.00
Cum Cut Vol	70.14
Cum Fill Vol	0.00
Net Vol	70.14

0+070.00



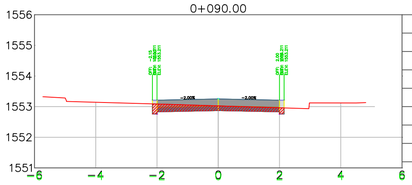
Total Volume at Station 0+070.00	
Cut Area	0.86
Fill Area	0.00
Cut Vol	10.72
Fill Vol	0.00
Cum Cut Vol	80.86
Cum Fill Vol	0.00
Net Vol	80.86

0+080.00



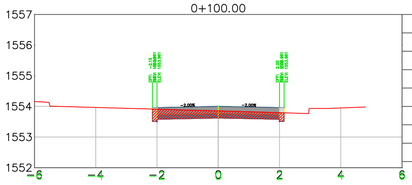
Total Volume at Station 0+080.00	
Cut Area	0.69
Fill Area	0.00
Cut Vol	7.74
Fill Vol	0.00
Cum Cut Vol	88.59
Cum Fill Vol	0.00
Net Vol	88.59

0+090.00



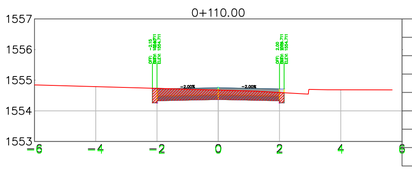
Total Volume at Station 0+090.00	
Cut Area	0.77
Fill Area	0.00
Cut Vol	7.30
Fill Vol	0.00
Cum Cut Vol	95.90
Cum Fill Vol	0.00
Net Vol	95.90

0+100.00



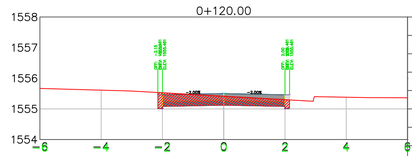
Total Volume at Station 0+100.00	
Cut Area	1.11
Fill Area	0.00
Cut Vol	9.42
Fill Vol	0.00
Cum Cut Vol	105.32
Cum Fill Vol	0.00
Net Vol	105.32

0+110.00



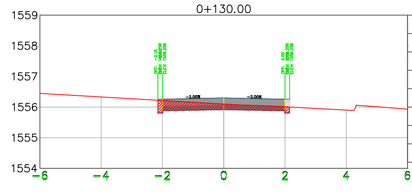
Total Volume at Station 0+110.00	
Cut Area	1.41
Fill Area	0.00
Cut Vol	12.63
Fill Vol	0.00
Cum Cut Vol	117.95
Cum Fill Vol	0.00
Net Vol	117.95

0+120.00



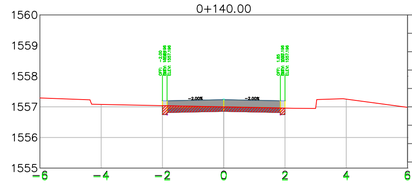
Total Volume at Station 0+120.00	
Cut Area	1.37
Fill Area	0.00
Cut Vol	13.92
Fill Vol	0.00
Cum Cut Vol	131.87
Cum Fill Vol	0.00
Net Vol	131.87

0+130.00



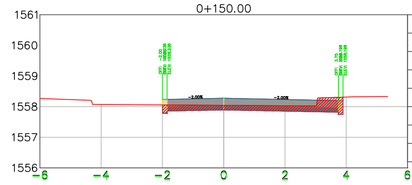
Total Volume at Station 0+130.00	
Cut Area	0.92
Fill Area	0.00
Cut Vol	11.47
Fill Vol	0.00
Cum Cut Vol	143.34
Cum Fill Vol	0.00
Net Vol	143.34

0+140.00



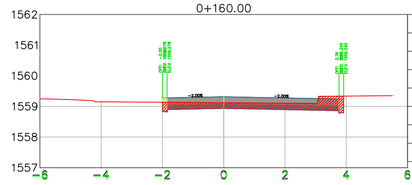
Total Volume at Station 0+140.00	
Cut Area	0.68
Fill Area	0.00
Cut Vol	8.02
Fill Vol	0.00
Cum Cut Vol	151.36
Cum Fill Vol	0.00
Net Vol	151.36

0+150.00



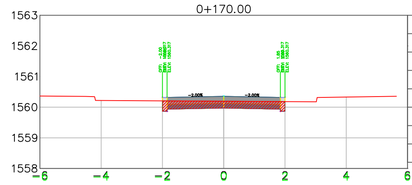
Total Volume at Station 0+150.00	
Cut Area	1.29
Fill Area	0.00
Cut Vol	9.85
Fill Vol	0.00
Cum Cut Vol	161.21
Cum Fill Vol	0.00
Net Vol	161.21

0+160.00



Total Volume at Station 0+160.00	
Cut Area	1.46
Fill Area	0.00
Cut Vol	13.74
Fill Vol	0.00
Cum Cut Vol	174.94
Cum Fill Vol	0.00
Net Vol	174.94

0+170.00



Total Volume at Station 0+170.00	
Cut Area	0.98
Fill Area	0.00
Cut Vol	12.18
Fill Vol	0.00
Cum Cut Vol	187.13
Cum Fill Vol	0.00
Net Vol	187.13

ENTIDAD CONTRATANTE: ALCALDIA DE CALARCÁ

FIRMA CONSULTORA: CSN Consultores Solano Navas

PROYECTO:
ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCION, ADECUACION Y/O REHABILITACION DE VIAS EN EL MUNICIPIO DE CALARCA

DIBUJO:
TOPOGRAFO. JORGE EDUARDO HERNANDEZ LOPEZ
LP-N° 01-22384

DISEÑO:
ING. MARCO ANTONIO SOLANO VARGAS
MP.6820203281STD

SUPERVISOR:
-

CONTIENE:
SECCIONES TRANSVERSALES
(K0+000 - K0+170)
DISEÑO GEOMETRICO

REVISIONES

No.	Fecha:	OBSERVACIONES	Responsable

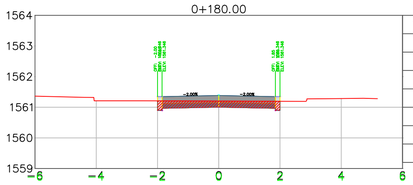
LOCALIZACIÓN:
VIA PRIMARIA
CALLE 41 ENTRE CARRERA 21 Y 26
DEPARTAMENTO DEL QUINDÍO

ESCALA:
SECCIONES: 1:100

FECHA:
JULIO 2025

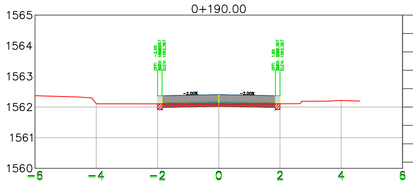
PLANO:
2 / 3

0+180.00



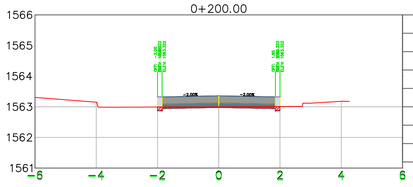
Total Volume at Station 0+180.00	
Cut Area	0.90
Fill Area	0.00
Cut Vol	9.37
Fill Vol	0.00
Cum Cut Vol	196.50
Cum Fill Vol	0.00
Net Vol	196.50

0+190.00



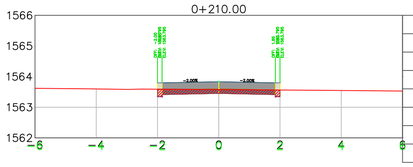
Total Volume at Station 0+190.00	
Cut Area	0.41
Fill Area	0.00
Cut Vol	6.55
Fill Vol	0.00
Cum Cut Vol	203.04
Cum Fill Vol	0.00
Net Vol	203.04

0+200.00



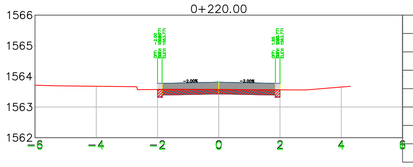
Total Volume at Station 0+200.00	
Cut Area	0.19
Fill Area	0.00
Cut Vol	3.01
Fill Vol	0.00
Cum Cut Vol	206.06
Cum Fill Vol	0.00
Net Vol	206.06

0+210.00



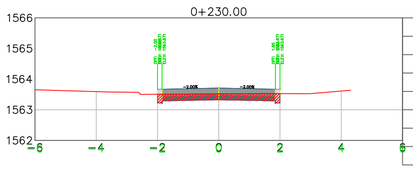
Total Volume at Station 0+210.00	
Cut Area	0.60
Fill Area	0.00
Cut Vol	3.92
Fill Vol	0.00
Cum Cut Vol	209.98
Cum Fill Vol	0.00
Net Vol	209.98

0+220.00



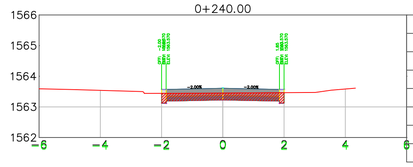
Total Volume at Station 0+220.00	
Cut Area	0.66
Fill Area	0.00
Cut Vol	6.30
Fill Vol	0.00
Cum Cut Vol	216.28
Cum Fill Vol	0.00
Net Vol	216.28

0+230.00



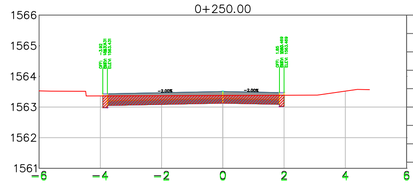
Total Volume at Station 0+230.00	
Cut Area	0.87
Fill Area	0.00
Cut Vol	7.67
Fill Vol	0.00
Cum Cut Vol	223.95
Cum Fill Vol	0.00
Net Vol	223.95

0+240.00



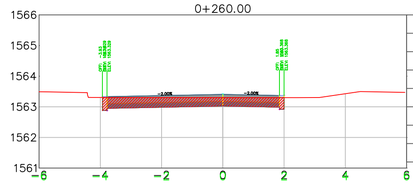
Total Volume at Station 0+240.00	
Cut Area	1.00
Fill Area	0.00
Cut Vol	9.34
Fill Vol	0.00
Cum Cut Vol	233.29
Cum Fill Vol	0.00
Net Vol	233.29

0+250.00



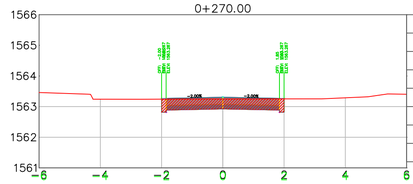
Total Volume at Station 0+250.00	
Cut Area	1.68
Fill Area	0.00
Cut Vol	13.38
Fill Vol	0.00
Cum Cut Vol	246.67
Cum Fill Vol	0.00
Net Vol	246.67

0+260.00



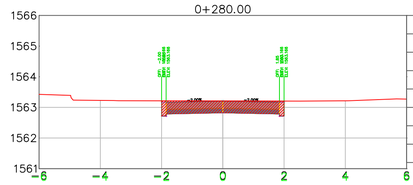
Total Volume at Station 0+260.00	
Cut Area	1.86
Fill Area	0.00
Cut Vol	17.68
Fill Vol	0.00
Cum Cut Vol	264.35
Cum Fill Vol	0.00
Net Vol	264.35

0+270.00



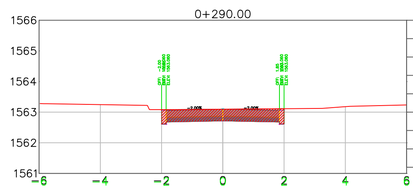
Total Volume at Station 0+270.00	
Cut Area	1.40
Fill Area	0.00
Cut Vol	16.31
Fill Vol	0.00
Cum Cut Vol	280.65
Cum Fill Vol	0.00
Net Vol	280.65

0+280.00



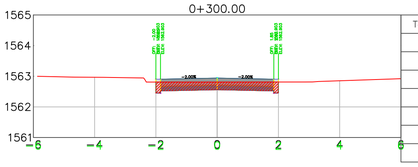
Total Volume at Station 0+280.00	
Cut Area	1.65
Fill Area	0.00
Cut Vol	15.25
Fill Vol	0.00
Cum Cut Vol	295.90
Cum Fill Vol	0.00
Net Vol	295.90

0+290.00



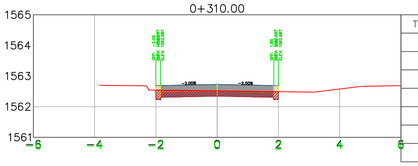
Total Volume at Station 0+290.00	
Cut Area	1.62
Fill Area	0.00
Cut Vol	16.31
Fill Vol	0.00
Cum Cut Vol	312.21
Cum Fill Vol	0.00
Net Vol	312.21

0+300.00



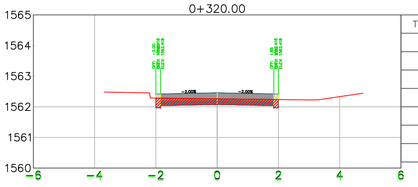
Total Volume at Station 0+300.00	
Cut Area	1.10
Fill Area	0.00
Cut Vol	13.60
Fill Vol	0.00
Cum Cut Vol	325.81
Cum Fill Vol	0.00
Net Vol	325.81

0+310.00



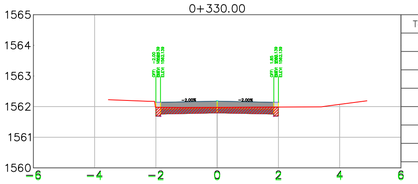
Total Volume at Station 0+310.00	
Cut Area	0.78
Fill Area	0.00
Cut Vol	9.42
Fill Vol	0.00
Cum Cut Vol	335.22
Cum Fill Vol	0.00
Net Vol	335.22

0+320.00



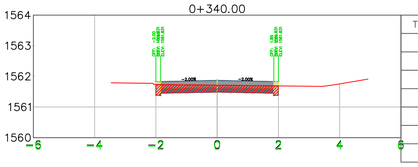
Total Volume at Station 0+320.00	
Cut Area	0.85
Fill Area	0.00
Cut Vol	8.13
Fill Vol	0.00
Cum Cut Vol	343.35
Cum Fill Vol	0.00
Net Vol	343.35

0+330.00



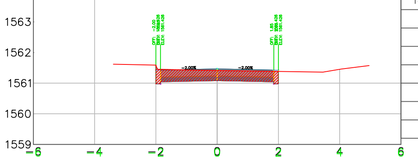
Total Volume at Station 0+330.00	
Cut Area	0.82
Fill Area	0.00
Cut Vol	8.34
Fill Vol	0.00
Cum Cut Vol	351.69
Cum Fill Vol	0.00
Net Vol	351.69

0+340.00



Total Volume at Station 0+340.00	
Cut Area	0.99
Fill Area	0.00
Cut Vol	9.07
Fill Vol	0.00
Cum Cut Vol	360.77
Cum Fill Vol	0.00
Net Vol	360.77

0+350.00



Total Volume at Station 0+350.00	
Cut Area	1.43
Fill Area	0.00
Cut Vol	12.11
Fill Vol	0.00
Cum Cut Vol	372.87
Cum Fill Vol	0.00
Net Vol	372.87

ENTIDAD CONTRATANTE: ALCALDIA DE CALARCÁ

FIRMA CONSULTORA: CSN Consultores Solano Navas

PROYECTO:
ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCION, ADECUACION Y/O REHABILITACION DE VIAS EN EL MUNICIPIO DE CALARCA

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DISEÑO:
ING. MARCO ANTONIO SOLANO VARGAS
MP.6820203281STD

SUPERVISOR:
-

CONTIENE:
SECCIONES TRANSVERSALES
(K0+180 - K0+353)
DISEÑO GEOMETRICO

REVISIONES

No.	Fecha:	OBSERVACIONES	Responsable

LOCALIZACIÓN:
VIA PRIMARIA
CALLE 41 ENTRE CARRERA 21 Y 26
DEPARTAMENTO DEL QUINDÍO

ESCALA:
SECCIONES: 1:100

FECHA:
JULIO 2025

PLANO:
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