



| TRAMO DESARENADOR PLANTA DE TRATAMIENTO | |
|--|--------------|
| LONGITUD | 20886 M. |
| COTA TERRENO PR K0+000 DESARENADOR | 813.76 M. |
| COTA TERRENO PR K20+886 PLANTA TRATAMIENTO | 655.65 M. |
| TRAMO EN PEÑA PR K0+209---K0+432 | LONG. 223 M. |
| TRAMO EN PEÑA PR K0+894---K1+091 | LONG. 157 M. |
| TRAMO EN PEÑA PR K1+201---K1+509 | LONG. 308 M. |
| TRAMO EN PEÑA PR K1+884---K2+189 | LONG. 305 M. |
| VIADUCTO 1 PR K1+914---K1+983 | LONG. 69 M. |
| VIADUCTO 2 PR K2+115---K 2+147 | LONG. 32 M. |
| VIADUCTO 3 PR K2+580---K 2+609 | LONG. 29 M. |
| VIADUCTO 4 PR K2+700---K 2+742 | LONG. 42 M. |
| VIADUCTO 5 PR K6+170---K 6+196 | LONG. 26 M. |
| VIADUCTO 6 PR K13+607---K 13+690 | LONG. 83 M. |
| VIADUCTO 7 PR K15+544---K 15+648 | LONG. 104 M. |

| TABLA DE COORDENADAS DE LA POLIGONAL BASE | | | | |
|---|----------|-----------|-----------|-----------|
| PI NO. | ESTACION | ELEVACION | NORTE | ESTE |
| 1 | E1 | 814.44 | 676926.44 | 988586.69 |
| 2 | E2 | 813.35 | 676927.95 | 988568.14 |
| 3 | E3 | 813.10 | 676928.20 | 988537.74 |
| 4 | E4 | 813.24 | 676931.06 | 988523.77 |
| 5 | E5 | 814.60 | 676933.07 | 988483.74 |
| 6 | E6 | 814.05 | 676938.57 | 988435.34 |
| 7 | E7 | 813.76 | 676938.78 | 988379.19 |
| 8 | E8 | 812.03 | 676937.56 | 988265.41 |
| 9 | E9 | 811.73 | 676932.82 | 988231.36 |
| 10 | E10 | 811.51 | 676932.37 | 988190.84 |
| 11 | E11 | 811.31 | 676937.31 | 988170.67 |
| 12 | E11-1 | 817.12 | 676941.03 | 988151.66 |
| 13 | E11-2 | 818.84 | 676960.73 | 988094.99 |
| 14 | E11-3 | 817.46 | 677026.23 | 988001.69 |
| 15 | E12 | 811.01 | 677057.94 | 987987.74 |
| 16 | E13 | 810.80 | 677093.99 | 987956.21 |
| 17 | E14 | 808.76 | 677166.77 | 987841.64 |

| TABLA DE COORDENADAS AGNA OESTE MOJONES DE REPLANTEO | | | | |
|--|-------------|------------|------------|---------|
| MOJON | DESCRIPCION | NORTE | ESTE | COTA |
| 1 | GPS-1 | 988386.611 | 676931.552 | 814.078 |
| 2 | GPS-2 | 987994.655 | 676946.27 | 836.869 |
| 3 | GPS-3 | 674939.809 | 983540.407 | 746.881 |
| 4 | GPS-4 | 983482.560 | 674932.754 | 745.362 |
| 5 | GPS-5 | 978761.420 | 675648.358 | 691.264 |
| 6 | GPS-6 | 978734.487 | 675664.581 | 682.487 |
| 7 | GPS-7 | 972523.766 | 677051.984 | 641.773 |
| 8 | GPS-8 | 972389.965 | 676819.044 | 666.203 |

CONVENCIONES

- SI
- sondeo geotecnica
- camino servidumbre
- vias existentes
- quebrada, rio
- construccion
- curvas de nivel
- mojon georeferencia
- punto topografico

