**ANEXO 1**

**CONCEPTO TÉCNICO C.T. No. 0386 (02/12/2016)**

Coordenadas en el sistema de referencia Magna Colombia origen Bogotá del polígono sobre el cual se viabiliza el levantamiento parcial de veda de flora para el proyecto “*Mantenimiento y mejoramiento de las Vías en la zona de influencia directa e indirecta del proyecto hidroeléctrico Ituango. Construcción túnel Chirí y Puente Orejón”.* ATV 0495.

| **Punto** | **Polígono** | | **Coord\_Este** | **Coord\_Norte** | **Punto** | **Polígono** | | **Coord\_Este** | **Coord\_Norte** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 1 | Km 0+400 a Km 0+450 | 824065,787 | 1253073,793 | 178 | 12 | Km 2+270 a Km 2+310 | 823771,863 | 1253975,499 |
| 2 | 1 | Km 0+400 a Km 0+450 | 824077,9047 | 1253071,899 | 179 | 12 | Km 2+270 a Km 2+310 | 823776,7567 | 1253972,311 |
| 3 | 1 | Km 0+400 a Km 0+450 | 824083,2732 | 1253071,882 | 180 | 13 | Km 2+655 a Km 2+685 | 823547,9565 | 1254274,16 |
| 4 | 1 | Km 0+400 a Km 0+450 | 824083,236 | 1253061,792 | 181 | 13 | Km 2+655 a Km 2+685 | 823551,9521 | 1254272,53 |
| 5 | 1 | Km 0+400 a Km 0+450 | 824070,4252 | 1253060,207 | 182 | 13 | Km 2+655 a Km 2+685 | 823558,489 | 1254273,172 |
| 6 | 1 | Km 0+400 a Km 0+450 | 824057,1163 | 1253062,528 | 183 | 13 | Km 2+655 a Km 2+685 | 823560,158 | 1254268,375 |
| 7 | 1 | Km 0+400 a Km 0+450 | 824043,3051 | 1253068,541 | 184 | 13 | Km 2+655 a Km 2+685 | 823560,0835 | 1254263,701 |
| 8 | 1 | Km 0+400 a Km 0+450 | 824032,8626 | 1253076,414 | 185 | 13 | Km 2+655 a Km 2+685 | 823555,2596 | 1254262,42 |
| 9 | 1 | Km 0+400 a Km 0+450 | 824038,9454 | 1253083,306 | 186 | 13 | Km 2+655 a Km 2+685 | 823545,3917 | 1254262,45 |
| 10 | 1 | Km 0+400 a Km 0+450 | 824047,0683 | 1253078,609 | 187 | 13 | Km 2+655 a Km 2+685 | 823539,8288 | 1254264,825 |
| 11 | 1 | Km 0+400 a Km 0+450 | 824061,4326 | 1253074,139 | 188 | 13 | Km 2+655 a Km 2+685 | 823531,1732 | 1254274,492 |
| 12 | 2 | Km 0+500 a Km 0+600 | 823976,6711 | 1253059,577 | 189 | 13 | Km 2+655 a Km 2+685 | 823526,7692 | 1254281,927 |
| 13 | 2 | Km 0+500 a Km 0+600 | 823970,5555 | 1253053,54 | 190 | 13 | Km 2+655 a Km 2+685 | 823538,5408 | 1254285,702 |
| 14 | 2 | Km 0+500 a Km 0+600 | 823965,9226 | 1253049,661 | 191 | 13 | Km 2+655 a Km 2+685 | 823542,6477 | 1254277,353 |
| 15 | 2 | Km 0+500 a Km 0+600 | 823960,3589 | 1253047,351 | 192 | 14 | Km 2+715 a Km 2+740 | 823524,2033 | 1254299,462 |
| 16 | 2 | Km 0+500 a Km 0+600 | 823951,9173 | 1253047,377 | 193 | 14 | Km 2+715 a Km 2+740 | 823520,7318 | 1254298,124 |
| 17 | 2 | Km 0+500 a Km 0+600 | 823942,7199 | 1253049,317 | 194 | 14 | Km 2+715 a Km 2+740 | 823517,3776 | 1254302,009 |
| 18 | 2 | Km 0+500 a Km 0+600 | 823934,3409 | 1253051,417 | 195 | 14 | Km 2+715 a Km 2+740 | 823510,7729 | 1254308,85 |
| 19 | 2 | Km 0+500 a Km 0+600 | 823936,8813 | 1253059,592 | 196 | 14 | Km 2+715 a Km 2+740 | 823507,5049 | 1254313,02 |
| 20 | 2 | Km 0+500 a Km 0+600 | 823949,9677 | 1253057,566 | 197 | 14 | Km 2+715 a Km 2+740 | 823504,3283 | 1254320,829 |
| 21 | 2 | Km 0+500 a Km 0+600 | 823957,8435 | 1253059,287 | 198 | 14 | Km 2+715 a Km 2+740 | 823501,6587 | 1254330,735 |
| 22 | 2 | Km 0+500 a Km 0+600 | 823964,713 | 1253063,127 | 199 | 14 | Km 2+715 a Km 2+740 | 823510,9346 | 1254332,221 |
| 23 | 2 | Km 0+500 a Km 0+600 | 823969,8006 | 1253066,896 | 200 | 14 | Km 2+715 a Km 2+740 | 823512,0929 | 1254327,121 |
| 24 | 2 | Km 0+500 a Km 0+600 | 823973,4614 | 1253072,937 | 201 | 14 | Km 2+715 a Km 2+740 | 823515,9313 | 1254320,884 |
| 25 | 2 | Km 0+500 a Km 0+600 | 823975,3427 | 1253074,209 | 202 | 14 | Km 2+715 a Km 2+740 | 823522,1971 | 1254308,247 |
| 26 | 2 | Km 0+500 a Km 0+600 | 823981,9241 | 1253071,389 | 203 | 14 | Km 2+715 a Km 2+740 | 823525,6054 | 1254303,593 |
| 27 | 2 | Km 0+500 a Km 0+600 | 823984,1366 | 1253068,881 | 204 | 14 | Km 2+715 a Km 2+740 | 823527,0165 | 1254300,982 |
| 28 | 3 | Km 0+850 a Km 1+020 | 823560,4527 | 1253148,096 | 205 | 15 | Km 2+860 a Km 2+915 | 823378,2725 | 1254418,195 |
| 29 | 3 | Km 0+850 a Km 1+020 | 823571,1831 | 1253150,524 | 206 | 15 | Km 2+860 a Km 2+915 | 823389,1005 | 1254417,835 |
| 30 | 3 | Km 0+850 a Km 1+020 | 823575,2151 | 1253142,258 | 207 | 15 | Km 2+860 a Km 2+915 | 823395,9401 | 1254416,385 |
| 31 | 3 | Km 0+850 a Km 1+020 | 823579,5375 | 1253135,929 | 208 | 15 | Km 2+860 a Km 2+915 | 823404,8611 | 1254415,218 |
| 32 | 3 | Km 0+850 a Km 1+020 | 823590,4918 | 1253125,896 | 209 | 15 | Km 2+860 a Km 2+915 | 823415,2926 | 1254412,154 |
| 33 | 3 | Km 0+850 a Km 1+020 | 823608,5422 | 1253114,667 | 210 | 15 | Km 2+860 a Km 2+915 | 823429,0825 | 1254405,899 |
| 34 | 3 | Km 0+850 a Km 1+020 | 823620,3492 | 1253107,678 | 211 | 15 | Km 2+860 a Km 2+915 | 823434,2464 | 1254402,075 |
| 35 | 3 | Km 0+850 a Km 1+020 | 823628,0168 | 1253102,739 | 212 | 15 | Km 2+860 a Km 2+915 | 823431,6037 | 1254395,582 |
| 36 | 3 | Km 0+850 a Km 1+020 | 823643,4687 | 1253092,785 | 213 | 15 | Km 2+860 a Km 2+915 | 823423,184 | 1254399,009 |
| 37 | 3 | Km 0+850 a Km 1+020 | 823658,063 | 1253084,762 | 214 | 15 | Km 2+860 a Km 2+915 | 823413,0796 | 1254401,33 |
| 38 | 3 | Km 0+850 a Km 1+020 | 823667,2939 | 1253084,519 | 215 | 15 | Km 2+860 a Km 2+915 | 823398,2791 | 1254407,474 |
| 39 | 3 | Km 0+850 a Km 1+020 | 823681,4636 | 1253086,02 | 216 | 15 | Km 2+860 a Km 2+915 | 823382,5325 | 1254409,673 |
| 40 | 3 | Km 0+850 a Km 1+020 | 823689,5844 | 1253089,153 | 217 | 15 | Km 2+860 a Km 2+915 | 823368,6083 | 1254412,645 |
| 41 | 3 | Km 0+850 a Km 1+020 | 823700,5985 | 1253090,835 | 218 | 15 | Km 2+860 a Km 2+915 | 823371,1218 | 1254420,6 |
| 42 | 3 | Km 0+850 a Km 1+020 | 823704,428 | 1253093,123 | 219 | 16 | Km 2+920 a Km 2+976 | 823378,2725 | 1254418,195 |
| 43 | 3 | Km 0+850 a Km 1+020 | 823707,5723 | 1253081,626 | 220 | 16 | Km 2+920 a Km 2+976 | 823371,1218 | 1254420,6 |
| 44 | 3 | Km 0+850 a Km 1+020 | 823688,2019 | 1253076,883 | 221 | 16 | Km 2+920 a Km 2+976 | 823363,5419 | 1254422,217 |
| 45 | 3 | Km 0+850 a Km 1+020 | 823679,815 | 1253076,456 | 222 | 16 | Km 2+920 a Km 2+976 | 823353,9692 | 1254431,377 |
| 46 | 3 | Km 0+850 a Km 1+020 | 823668,1703 | 1253075,059 | 223 | 16 | Km 2+920 a Km 2+976 | 823347,1258 | 1254447,118 |
| 47 | 3 | Km 0+850 a Km 1+020 | 823659,1696 | 1253076,315 | 224 | 16 | Km 2+920 a Km 2+976 | 823346,276 | 1254456,772 |
| 48 | 3 | Km 0+850 a Km 1+020 | 823649,9373 | 1253079,368 | 225 | 16 | Km 2+920 a Km 2+976 | 823348,573 | 1254472,086 |
| 49 | 3 | Km 0+850 a Km 1+020 | 823627,833 | 1253092,484 | 226 | 16 | Km 2+920 a Km 2+976 | 823360,956 | 1254472,142 |
| 50 | 3 | Km 0+850 a Km 1+020 | 823616,3568 | 1253100,141 | 227 | 16 | Km 2+920 a Km 2+976 | 823361,7068 | 1254468,806 |
| 51 | 3 | Km 0+850 a Km 1+020 | 823602,6586 | 1253106,693 | 228 | 16 | Km 2+920 a Km 2+976 | 823359,7711 | 1254457,521 |
| 52 | 3 | Km 0+850 a Km 1+020 | 823586,0365 | 1253117,745 | 229 | 16 | Km 2+920 a Km 2+976 | 823361,8179 | 1254445,498 |
| 53 | 3 | Km 0+850 a Km 1+020 | 823576,5811 | 1253123,526 | 230 | 16 | Km 2+920 a Km 2+976 | 823369,1022 | 1254434,456 |
| 54 | 3 | Km 0+850 a Km 1+020 | 823569,4995 | 1253131,245 | 231 | 16 | Km 2+920 a Km 2+976 | 823381,8616 | 1254432,484 |
| 55 | 4 | Km 1+ 720 a Km 1+753 | 823575,1928 | 1253525,16 | 232 | 16 | Km 2+920 a Km 2+976 | 823382,8281 | 1254426,392 |
| 56 | 4 | Km 1+ 720 a Km 1+753 | 823566,9572 | 1253523,113 | 233 | 17 | Km 3+270 - Zona Depósito | 823410,8371 | 1254697,868 |
| 57 | 4 | Km 1+ 720 a Km 1+753 | 823564,8751 | 1253531,491 | 234 | 17 | Km 3+270 - Zona Depósito | 823397,3999 | 1254692,625 |
| 58 | 4 | Km 1+ 720 a Km 1+753 | 823563,7968 | 1253541,452 | 235 | 17 | Km 3+270 - Zona Depósito | 823392,7936 | 1254696,38 |
| 59 | 4 | Km 1+ 720 a Km 1+753 | 823564,6879 | 1253549,828 | 236 | 17 | Km 3+270 - Zona Depósito | 823388,8653 | 1254708,753 |
| 60 | 4 | Km 1+ 720 a Km 1+753 | 823569,1753 | 1253561,403 | 237 | 17 | Km 3+270 - Zona Depósito | 823390,2749 | 1254727,108 |
| 61 | 4 | Km 1+ 720 a Km 1+753 | 823573,2365 | 1253567,885 | 238 | 17 | Km 3+270 - Zona Depósito | 823395,7002 | 1254744,366 |
| 62 | 4 | Km 1+ 720 a Km 1+753 | 823582,3776 | 1253563,208 | 239 | 17 | Km 3+270 - Zona Depósito | 823404,5331 | 1254747,483 |
| 63 | 4 | Km 1+ 720 a Km 1+753 | 823578,3123 | 1253553,787 | 240 | 17 | Km 3+270 - Zona Depósito | 823465,2685 | 1254757,336 |
| 64 | 4 | Km 1+ 720 a Km 1+753 | 823575,48 | 1253547,024 | 241 | 17 | Km 3+270 - Zona Depósito | 823481,8954 | 1254737,788 |
| 65 | 4 | Km 1+ 720 a Km 1+753 | 823574,4022 | 1253540,101 | 242 | 17 | Km 3+270 - Zona Depósito | 823480,7396 | 1254719,16 |
| 66 | 4 | Km 1+ 720 a Km 1+753 | 823574,9585 | 1253527,936 | 243 | 17 | Km 3+270 - Zona Depósito | 823475,678 | 1254709,407 |
| 67 | 5 | Km 1+202,36 a Km 1+251,33 | 823454,6221 | 1253287,968 | 244 | 17 | Km 3+270 - Zona Depósito | 823424,2743 | 1254703,111 |
| 68 | 5 | Km 1+202,36 a Km 1+251,33 | 823451,143 | 1253277,472 | 245 | 18 | Km 3+626 a Km 3+733 | 823573,1798 | 1254816,756 |
| 69 | 5 | Km 1+202,36 a Km 1+251,33 | 823441,3345 | 1253279,442 | 246 | 18 | Km 3+626 a Km 3+733 | 823563,0015 | 1254809,539 |
| 70 | 5 | Km 1+202,36 a Km 1+251,33 | 823431,5269 | 1253283,217 | 247 | 18 | Km 3+626 a Km 3+733 | 823544,7537 | 1254827,611 |
| 71 | 5 | Km 1+202,36 a Km 1+251,33 | 823425,2964 | 1253290,93 | 248 | 18 | Km 3+626 a Km 3+733 | 823531,2768 | 1254830,571 |
| 72 | 5 | Km 1+202,36 a Km 1+251,33 | 823421,8386 | 1253300,968 | 249 | 18 | Km 3+626 a Km 3+733 | 823512,0175 | 1254835,792 |
| 73 | 5 | Km 1+202,36 a Km 1+251,33 | 823422,4187 | 1253307,635 | 250 | 18 | Km 3+626 a Km 3+733 | 823495,4824 | 1254839,902 |
| 74 | 5 | Km 1+202,36 a Km 1+251,33 | 823424,8022 | 1253321,368 | 251 | 18 | Km 3+626 a Km 3+733 | 823497,0876 | 1254853,618 |
| 75 | 5 | Km 1+202,36 a Km 1+251,33 | 823435,1699 | 1253318,342 | 252 | 18 | Km 3+626 a Km 3+733 | 823507,4815 | 1254850,087 |
| 76 | 5 | Km 1+202,36 a Km 1+251,33 | 823432,6297 | 1253308,926 | 253 | 18 | Km 3+626 a Km 3+733 | 823521,3557 | 1254845,375 |
| 77 | 5 | Km 1+202,36 a Km 1+251,33 | 823433,6457 | 1253302,874 | 254 | 18 | Km 3+626 a Km 3+733 | 823540,0096 | 1254841,178 |
| 78 | 5 | Km 1+202,36 a Km 1+251,33 | 823438,4793 | 1253295,371 | 255 | 18 | Km 3+626 a Km 3+733 | 823555,0225 | 1254835,103 |
| 79 | 5 | Km 1+202,36 a Km 1+251,33 | 823443,9691 | 1253290,829 | 256 | 18 | Km 3+626 a Km 3+733 | 823567,6819 | 1254825,489 |
| 80 | 6 | Km 1+357,89 a Km 1+454,57 | 823385,3638 | 1253391,004 | 257 | 19 | Km 4+246 a Km 4+281 | 823925,3732 | 1254465,731 |
| 81 | 6 | Km 1+357,89 a Km 1+454,57 | 823386,6823 | 1253381,245 | 258 | 19 | Km 4+246 a Km 4+281 | 823918,378 | 1254458,589 |
| 82 | 6 | Km 1+357,89 a Km 1+454,57 | 823372,5461 | 1253383,223 | 259 | 19 | Km 4+246 a Km 4+281 | 823911,461 | 1254462,148 |
| 83 | 6 | Km 1+357,89 a Km 1+454,57 | 823360,1998 | 1253385,762 | 260 | 19 | Km 4+246 a Km 4+281 | 823899,1526 | 1254467,908 |
| 84 | 6 | Km 1+357,89 a Km 1+454,57 | 823351,4216 | 1253392,115 | 261 | 19 | Km 4+246 a Km 4+281 | 823889,397 | 1254470,516 |
| 85 | 6 | Km 1+357,89 a Km 1+454,57 | 823347,2599 | 1253401,119 | 262 | 19 | Km 4+246 a Km 4+281 | 823878,0506 | 1254472,243 |
| 86 | 6 | Km 1+357,89 a Km 1+454,57 | 823346,9819 | 1253411,088 | 263 | 19 | Km 4+246 a Km 4+281 | 823876,6787 | 1254484,833 |
| 87 | 6 | Km 1+357,89 a Km 1+454,57 | 823348,4778 | 1253420,915 | 264 | 19 | Km 4+246 a Km 4+281 | 823887,6102 | 1254485,109 |
| 88 | 6 | Km 1+357,89 a Km 1+454,57 | 823354,4519 | 1253428,56 | 265 | 19 | Km 4+246 a Km 4+281 | 823899,5929 | 1254483,659 |
| 89 | 6 | Km 1+357,89 a Km 1+454,57 | 823363,4888 | 1253431,777 | 266 | 19 | Km 4+246 a Km 4+281 | 823908,8143 | 1254480,135 |
| 90 | 6 | Km 1+357,89 a Km 1+454,57 | 823371,5564 | 1253433,377 | 267 | 19 | Km 4+246 a Km 4+281 | 823915,4055 | 1254475,493 |
| 91 | 6 | Km 1+357,89 a Km 1+454,57 | 823381,8078 | 1253433,345 | 268 | 20 | Km 4+450 a Km 4+506 | 824048,256 | 1254459,127 |
| 92 | 6 | Km 1+357,89 a Km 1+454,57 | 823383,3 | 1253423,147 | 269 | 20 | Km 4+450 a Km 4+506 | 824059,9501 | 1254468,264 |
| 93 | 6 | Km 1+357,89 a Km 1+454,57 | 823376,7858 | 1253422,396 | 270 | 20 | Km 4+450 a Km 4+506 | 824072,4934 | 1254473,98 |
| 94 | 6 | Km 1+357,89 a Km 1+454,57 | 823371,1035 | 1253420,032 | 271 | 20 | Km 4+450 a Km 4+506 | 824084,8758 | 1254473,942 |
| 95 | 6 | Km 1+357,89 a Km 1+454,57 | 823363,3588 | 1253418,634 | 272 | 20 | Km 4+450 a Km 4+506 | 824098,0874 | 1254469,461 |
| 96 | 6 | Km 1+357,89 a Km 1+454,57 | 823360,2918 | 1253412,584 | 273 | 20 | Km 4+450 a Km 4+506 | 824104,0195 | 1254463,756 |
| 97 | 6 | Km 1+357,89 a Km 1+454,57 | 823360,5083 | 1253406,779 | 274 | 20 | Km 4+450 a Km 4+506 | 824108,7276 | 1254461,213 |
| 98 | 6 | Km 1+357,89 a Km 1+454,57 | 823364,2337 | 1253398,997 | 275 | 20 | Km 4+450 a Km 4+506 | 824112,2749 | 1254451,952 |
| 99 | 6 | Km 1+357,89 a Km 1+454,57 | 823372,4884 | 1253396,372 | 276 | 20 | Km 4+450 a Km 4+506 | 824104,137 | 1254447,349 |
| 100 | 6 | Km 1+357,89 a Km 1+454,57 | 823381,8608 | 1253394,876 | 277 | 20 | Km 4+450 a Km 4+506 | 824093,3533 | 1254452,06 |
| 101 | 7 | Km 1+805 a Km 1+860 | 823575,1399 | 1253607,709 | 278 | 20 | Km 4+450 a Km 4+506 | 824081,1026 | 1254454,841 |
| 102 | 7 | Km 1+805 a Km 1+860 | 823571,454 | 1253607,13 | 279 | 20 | Km 4+450 a Km 4+506 | 824065,9962 | 1254450,859 |
| 103 | 7 | Km 1+805 a Km 1+860 | 823569,4229 | 1253620,051 | 280 | 20 | Km 4+450 a Km 4+506 | 824056,9156 | 1254449,657 |
| 104 | 7 | Km 1+805 a Km 1+860 | 823568,7946 | 1253631,935 | 281 | 21 | Km 4+645 a Km 4+720 | 824267,4421 | 1254488,586 |
| 105 | 7 | Km 1+805 a Km 1+860 | 823571,8181 | 1253641,357 | 282 | 21 | Km 4+645 a Km 4+720 | 824265,7705 | 1254477,334 |
| 106 | 7 | Km 1+805 a Km 1+860 | 823578,6147 | 1253652,919 | 283 | 21 | Km 4+645 a Km 4+720 | 824250,6822 | 1254476,507 |
| 107 | 7 | Km 1+805 a Km 1+860 | 823590,1728 | 1253661,267 | 284 | 21 | Km 4+645 a Km 4+720 | 824240,3751 | 1254474,568 |
| 108 | 7 | Km 1+805 a Km 1+860 | 823596,9363 | 1253653,67 | 285 | 21 | Km 4+645 a Km 4+720 | 824228,8665 | 1254468,753 |
| 109 | 7 | Km 1+805 a Km 1+860 | 823591,878 | 1253646,578 | 286 | 21 | Km 4+645 a Km 4+720 | 824222,3308 | 1254462,999 |
| 110 | 7 | Km 1+805 a Km 1+860 | 823585,7722 | 1253640,139 | 287 | 21 | Km 4+645 a Km 4+720 | 824216,8954 | 1254454,109 |
| 111 | 7 | Km 1+805 a Km 1+860 | 823582,0435 | 1253632,72 | 288 | 21 | Km 4+645 a Km 4+720 | 824212,503 | 1254437,401 |
| 112 | 7 | Km 1+805 a Km 1+860 | 823581,2479 | 1253627,623 | 289 | 21 | Km 4+645 a Km 4+720 | 824208,1586 | 1254426,988 |
| 113 | 7 | Km 1+805 a Km 1+860 | 823581,2138 | 1253616,526 | 290 | 21 | Km 4+645 a Km 4+720 | 824196,0878 | 1254431,747 |
| 114 | 7 | Km 1+805 a Km 1+860 | 823581,9766 | 1253610,197 | 291 | 21 | Km 4+645 a Km 4+720 | 824196,9325 | 1254433,89 |
| 115 | 8 | Km 1+950 a Km 1+985 | 823686,7936 | 1253739,662 | 292 | 21 | Km 4+645 a Km 4+720 | 824199,7451 | 1254449,027 |
| 116 | 8 | Km 1+950 a Km 1+985 | 823690,7402 | 1253736,949 | 293 | 21 | Km 4+645 a Km 4+720 | 824212,4158 | 1254471,156 |
| 117 | 8 | Km 1+950 a Km 1+985 | 823692,5747 | 1253731,963 | 294 | 21 | Km 4+645 a Km 4+720 | 824228,7679 | 1254485,93 |
| 118 | 8 | Km 1+950 a Km 1+985 | 823686,2768 | 1253729,563 | 295 | 21 | Km 4+645 a Km 4+720 | 824240,6852 | 1254488,885 |
| 119 | 8 | Km 1+950 a Km 1+985 | 823679,741 | 1253726,069 | 296 | 21 | Km 4+645 a Km 4+720 | 824255,8399 | 1254490,31 |
| 120 | 8 | Km 1+950 a Km 1+985 | 823672,9276 | 1253722,313 | 297 | 22 | Km 4+847 a Km 4+890 | 824359,7676 | 1254493,5 |
| 121 | 8 | Km 1+950 a Km 1+985 | 823660,8609 | 1253714,193 | 298 | 22 | Km 4+847 a Km 4+890 | 824353,702 | 1254492,915 |
| 122 | 8 | Km 1+950 a Km 1+985 | 823656,1798 | 1253709,36 | 299 | 22 | Km 4+847 a Km 4+890 | 824345,7266 | 1254496,057 |
| 123 | 8 | Km 1+950 a Km 1+985 | 823649,5793 | 1253715,442 | 300 | 22 | Km 4+847 a Km 4+890 | 824341,3171 | 1254503,838 |
| 124 | 8 | Km 1+950 a Km 1+985 | 823658,1173 | 1253724,972 | 301 | 22 | Km 4+847 a Km 4+890 | 824347,5615 | 1254520,435 |
| 125 | 8 | Km 1+950 a Km 1+985 | 823667,6178 | 1253732,645 | 302 | 22 | Km 4+847 a Km 4+890 | 824351,3018 | 1254528,656 |
| 126 | 9 | Km 1+991,57 a Km 2+024,65 | 823686,7936 | 1253739,662 | 303 | 22 | Km 4+847 a Km 4+890 | 824362,4866 | 1254542,88 |
| 127 | 9 | Km 1+991,57 a Km 2+024,65 | 823679,3238 | 1253737,259 | 304 | 22 | Km 4+847 a Km 4+890 | 824366,453 | 1254549,549 |
| 128 | 9 | Km 1+991,57 a Km 2+024,65 | 823672,1578 | 1253735,971 | 305 | 22 | Km 4+847 a Km 4+890 | 824378,866 | 1254542,056 |
| 129 | 9 | Km 1+991,57 a Km 2+024,65 | 823670,3533 | 1253745,464 | 306 | 22 | Km 4+847 a Km 4+890 | 824375,5446 | 1254532,66 |
| 130 | 9 | Km 1+991,57 a Km 2+024,65 | 823679,502 | 1253747,148 | 307 | 22 | Km 4+847 a Km 4+890 | 824369,283 | 1254524,895 |
| 131 | 9 | Km 1+991,57 a Km 2+024,65 | 823686,4463 | 1253751,955 | 308 | 22 | Km 4+847 a Km 4+890 | 824365,1201 | 1254516,911 |
| 132 | 9 | Km 1+991,57 a Km 2+024,65 | 823690,1802 | 1253756,913 | 309 | 22 | Km 4+847 a Km 4+890 | 824360,5981 | 1254499,688 |
| 133 | 9 | Km 1+991,57 a Km 2+024,65 | 823693,2453 | 1253762,296 | 310 | 23 | Km 4+950 a Km 5+000 | 824357,652 | 1254591,266 |
| 134 | 9 | Km 1+991,57 a Km 2+024,65 | 823693,2671 | 1253769,379 | 311 | 23 | Km 4+950 a Km 5+000 | 824350,1363 | 1254587,197 |
| 135 | 9 | Km 1+991,57 a Km 2+024,65 | 823692,2509 | 1253778,747 | 312 | 23 | Km 4+950 a Km 5+000 | 824343,2189 | 1254597,069 |
| 136 | 9 | Km 1+991,57 a Km 2+024,65 | 823701,3637 | 1253779,916 | 313 | 23 | Km 4+950 a Km 5+000 | 824337,9051 | 1254608,886 |
| 137 | 9 | Km 1+991,57 a Km 2+024,65 | 823703,1747 | 1253764,664 | 314 | 23 | Km 4+950 a Km 5+000 | 824337,9358 | 1254618,823 |
| 138 | 9 | Km 1+991,57 a Km 2+024,65 | 823703,8675 | 1253758,83 | 315 | 23 | Km 4+950 a Km 5+000 | 824340,6471 | 1254625,003 |
| 139 | 9 | Km 1+991,57 a Km 2+024,65 | 823703,0359 | 1253752,493 | 316 | 23 | Km 4+950 a Km 5+000 | 824345,9249 | 1254636,01 |
| 140 | 9 | Km 1+991,57 a Km 2+024,65 | 823698,3027 | 1253744,704 | 317 | 23 | Km 4+950 a Km 5+000 | 824355,0686 | 1254642,803 |
| 141 | 9 | Km 1+991,57 a Km 2+024,65 | 823690,9079 | 1253740,985 | 318 | 23 | Km 4+950 a Km 5+000 | 824367,6978 | 1254636,931 |
| 142 | 10 | Km 2+050 a Km 2+090 | 823708,1654 | 1253781,96 | 319 | 23 | Km 4+950 a Km 5+000 | 824364,2502 | 1254631,846 |
| 143 | 10 | Km 2+050 a Km 2+090 | 823702,1668 | 1253781,171 | 320 | 23 | Km 4+950 a Km 5+000 | 824356,7401 | 1254623,114 |
| 144 | 10 | Km 2+050 a Km 2+090 | 823699,8858 | 1253795,943 | 321 | 23 | Km 4+950 a Km 5+000 | 824357,916 | 1254616,217 |
| 145 | 10 | Km 2+050 a Km 2+090 | 823701,4524 | 1253819,108 | 322 | 23 | Km 4+950 a Km 5+000 | 824357,7789 | 1254606,837 |
| 146 | 10 | Km 2+050 a Km 2+090 | 823706,2881 | 1253830,407 | 323 | 23 | Km 4+950 a Km 5+000 | 824358,4036 | 1254598,132 |
| 147 | 10 | Km 2+050 a Km 2+090 | 823710,6496 | 1253836,281 | 324 | 24 | Km 5+070 a Km 5+110 | 824379,0828 | 1254669,749 |
| 148 | 10 | Km 2+050 a Km 2+090 | 823719,8672 | 1253830,628 | 325 | 24 | Km 5+070 a Km 5+110 | 824366,8176 | 1254667,53 |
| 149 | 10 | Km 2+050 a Km 2+090 | 823716,5133 | 1253823,365 | 326 | 24 | Km 5+070 a Km 5+110 | 824362,086 | 1254670,911 |
| 150 | 10 | Km 2+050 a Km 2+090 | 823715,7794 | 1253810,225 | 327 | 24 | Km 5+070 a Km 5+110 | 824362,0504 | 1254681,756 |
| 151 | 10 | Km 2+050 a Km 2+090 | 823715,186 | 1253799,6 | 328 | 24 | Km 5+070 a Km 5+110 | 824369,8208 | 1254695,794 |
| 152 | 10 | Km 2+050 a Km 2+090 | 823713,8039 | 1253788,375 | 329 | 24 | Km 5+070 a Km 5+110 | 824383,8556 | 1254702,369 |
| 153 | 10 | Km 2+050 a Km 2+090 | 823712,9422 | 1253783,695 | 330 | 24 | Km 5+070 a Km 5+110 | 824396,7848 | 1254699,633 |
| 154 | 11 | Km 2+130 a Km 2+170 | 823715,757 | 1253864,048 | 331 | 24 | Km 5+070 a Km 5+110 | 824397,5937 | 1254689,428 |
| 155 | 11 | Km 2+130 a Km 2+170 | 823719,8624 | 1253865,615 | 332 | 24 | Km 5+070 a Km 5+110 | 824387,1864 | 1254687,314 |
| 156 | 11 | Km 2+130 a Km 2+170 | 823728,6863 | 1253874,179 | 333 | 24 | Km 5+070 a Km 5+110 | 824381,5032 | 1254685,295 |
| 157 | 11 | Km 2+130 a Km 2+170 | 823736,0671 | 1253882,984 | 334 | 24 | Km 5+070 a Km 5+110 | 824377,0154 | 1254681,175 |
| 158 | 11 | Km 2+130 a Km 2+170 | 823744,7113 | 1253890,603 | 335 | 25 | Km 5+160 a Km 5+194 | 824443,517 | 1254711,712 |
| 159 | 11 | Km 2+130 a Km 2+170 | 823755,1695 | 1253900,004 | 336 | 25 | Km 5+160 a Km 5+194 | 824436,2256 | 1254710,148 |
| 160 | 11 | Km 2+130 a Km 2+170 | 823761,0942 | 1253893,414 | 337 | 25 | Km 5+160 a Km 5+194 | 824428,7069 | 1254714,129 |
| 161 | 11 | Km 2+130 a Km 2+170 | 823756,4954 | 1253889,279 | 338 | 25 | Km 5+160 a Km 5+194 | 824425,5225 | 1254719,41 |
| 162 | 11 | Km 2+130 a Km 2+170 | 823750,5683 | 1253883,246 | 339 | 25 | Km 5+160 a Km 5+194 | 824427,7661 | 1254735,544 |
| 163 | 11 | Km 2+130 a Km 2+170 | 823742,7228 | 1253873,391 | 340 | 25 | Km 5+160 a Km 5+194 | 824440,1616 | 1254747,449 |
| 164 | 11 | Km 2+130 a Km 2+170 | 823733,3218 | 1253862,525 | 341 | 25 | Km 5+160 a Km 5+194 | 824455,6625 | 1254748,54 |
| 165 | 11 | Km 2+130 a Km 2+170 | 823722,4898 | 1253853,16 | 342 | 25 | Km 5+160 a Km 5+194 | 824461,7952 | 1254745,522 |
| 166 | 12 | Km 2+270 a Km 2+310 | 823776,8263 | 1253967,209 | 343 | 25 | Km 5+160 a Km 5+194 | 824467,9368 | 1254738,414 |
| 167 | 12 | Km 2+270 a Km 2+310 | 823771,3779 | 1253961,851 | 344 | 25 | Km 5+160 a Km 5+194 | 824463,6589 | 1254728,855 |
| 168 | 12 | Km 2+270 a Km 2+310 | 823765,7853 | 1253966,089 | 345 | 25 | Km 5+160 a Km 5+194 | 824455,5518 | 1254721,781 |
| 169 | 12 | Km 2+270 a Km 2+310 | 823760,5467 | 1253970,059 | 346 | 26 | Km 5+810 a Km 5+848 | 824816,5333 | 1255112,899 |
| 170 | 12 | Km 2+270 a Km 2+310 | 823755,2808 | 1253974,05 | 347 | 26 | Km 5+810 a Km 5+848 | 824808,3138 | 1255095,708 |
| 171 | 12 | Km 2+270 a Km 2+310 | 823751,6424 | 1253979,614 | 348 | 26 | Km 5+810 a Km 5+848 | 824784,8341 | 1255095,9 |
| 172 | 12 | Km 2+270 a Km 2+310 | 823749,4988 | 1253986,674 | 349 | 26 | Km 5+810 a Km 5+848 | 824777,2444 | 1255095,572 |
| 173 | 12 | Km 2+270 a Km 2+310 | 823745,9769 | 1254000,149 | 350 | 26 | Km 5+810 a Km 5+848 | 824776,0253 | 1255118,033 |
| 174 | 12 | Km 2+270 a Km 2+310 | 823757,1205 | 1254002,646 | 351 | 26 | Km 5+810 a Km 5+848 | 824780,655 | 1255143,685 |
| 175 | 12 | Km 2+270 a Km 2+310 | 823759,8892 | 1253991,913 | 352 | 26 | Km 5+810 a Km 5+848 | 824801,231 | 1255152,118 |
| 176 | 12 | Km 2+270 a Km 2+310 | 823762,8822 | 1253985,927 | 353 | 26 | Km 5+810 a Km 5+848 | 824828,0113 | 1255144,019 |
| 177 | 12 | Km 2+270 a Km 2+310 | 823766,6471 | 1253979,972 |  |  |  |  |  |

Fuente: Archivo digital Shape denominado *“InfraProyectoPG.shp”* adjunto al “*GDB”* del documento con radicado MADS E1-2016-024998 del 21 de septiembre de 2016. Expediente ATV 0495.